タダノ　　オールテレーンクレーン

ATF-200N-5 型

仕　様　書

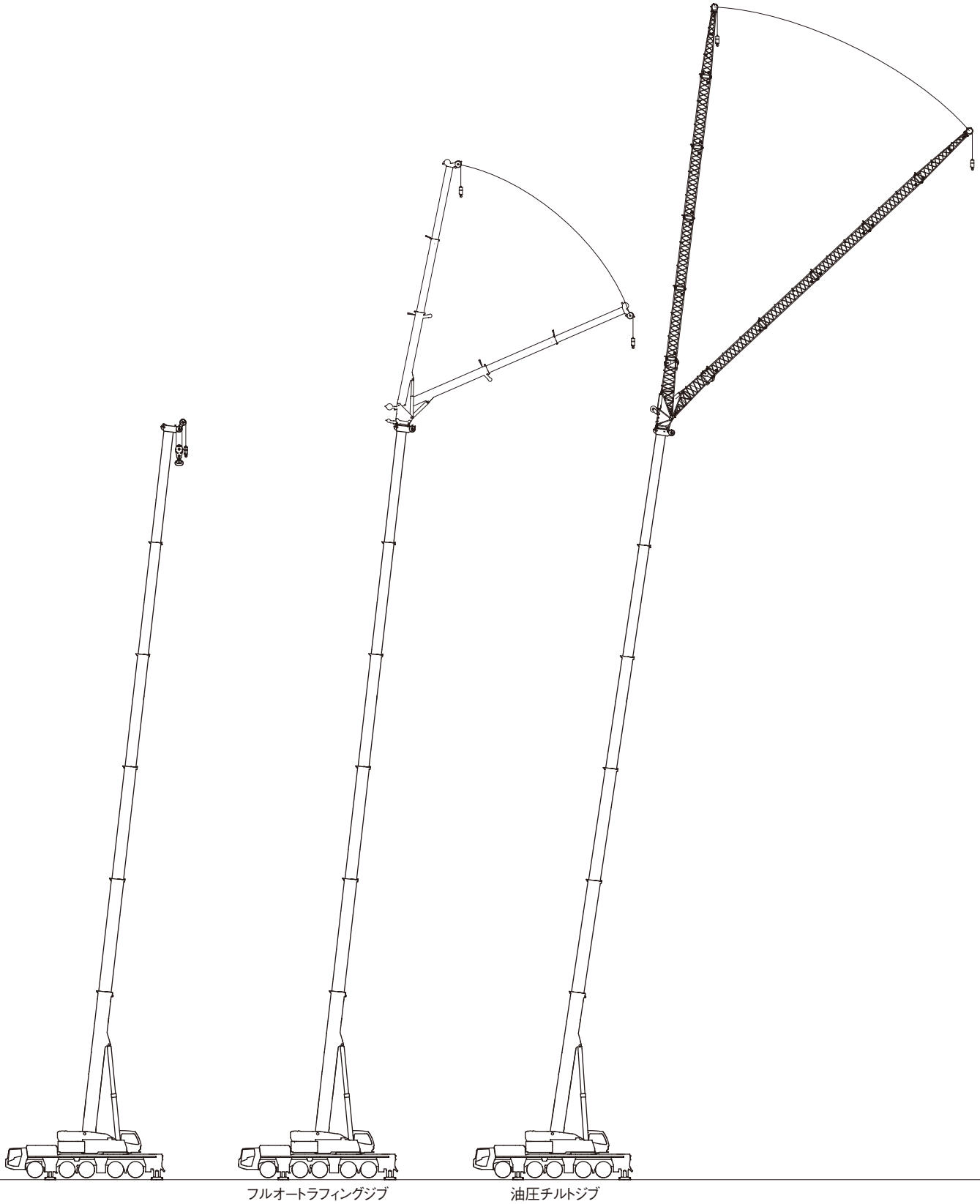
キ ャ リ ヤ：TADANO FAUN GmbH ATF200G-5
スペック番号：ATF-200N-1-90101

株式会社 タダノ

管理番号　JA-03

ALL TERRAIN CRANE
ATF-200N-5.1

構 成 図



ブーム

フルオートラフィングジブ
FLJ

油圧チルトジブ
HLJ

INDEX

■諸　元　・クレーン、キャリヤ ・・・

諸　元

■クレーン

ブーム	13.2m	200,000 kg × 2.7m（2×13本掛、アタッチメント付）
	17.6m	114,000 kg × 4.5m（14本掛）
	21.9m	91,000 kg × 6.0m（11本掛）
	22.6m	91,000 kg × 5.0m（11本掛）
	26.3m	75,000 kg × 7.0m（ 9 本掛）
	30.6m	67,000 kg × 6.0m（ 9 本掛）
	31.9m	43,800 kg × 4.5m（ 6 本掛）
	35.0m	56,500 kg × 6.0m（ 7 本掛）
	39.3m	43,200 kg × 8.0m（ 6 本掛）
	43.7m	34,500 kg × 9.0m（ 5 本掛）
	48.0m	27,900 kg × 10.0m（ 4 本掛）
	52.4m	22,300 kg × 12.0m（ 3 本掛）
	56.7m	18,300 kg × 14.0m（ 3 本掛）
	60.0m	15,500 kg × 18.0m（ 2 本掛）
シングルトップ		8,700 kg （ 1 本掛）
フルオートラフィングジブ(FLJ)	1.9m+ 8.5m FLJ	27,600 kg × 3.0m（ 4 本掛）
	1.9m+11.6m FLJ	14,600 kg × 16.0m（ 2 本掛）
	1.9m+14.7m FLJ	13,900 kg × 12.0m（ 2 本掛）
	1.9m+17.8m FLJ	13,500 kg × 6.0m（ 2 本掛）
	1.9m+20.9m FLJ	5,600 kg × 32.0m（ 1 本掛）
油圧チルトジブ(HLJ)	1.1m+ 4.7m HLJ	45,400 kg × 3.0m（ 6 本掛）
	1.1m+10.9m HLJ	14,900 kg × 14.0m（ 2 本掛）
	1.1m+16.9m HLJ	14,900 kg × 8.0m（ 2 本掛）
	1.1m+22.9m HLJ	9,800 kg × 10.0m（ 2 本掛）
	1.1m+28.9m HLJ	6,200 kg × 14.0m（ 1 本掛）
	1.1m+34.9m HLJ	4,600 kg × 14.0m（ 1 本掛）
最大地上揚程	ブーム	60.0m (15.5 t)
	FLJ	83.0m (4.0 t)
	HLJ	95.0m (2.0 t)
最大作業半径	ブーム	56.0m (3.3 t)
	FLJ	62.0m (1.6 t)
	HLJ	76.0m (1.4 t)
ブーム・ジブ長さ	ブーム	13.2m ～ 60.0m
	FLJ	1.9m + 8.5m ～ 20.9m
	HLJ	1.1m + 4.7m ～ 34.9m
ブーム・ジブ形式	ブーム	箱型6段油圧伸縮式、各段ピンロック方式
	FLJ	箱型3段同時伸縮式 オフセット 5° ～ 60° 油圧無段階傾斜式
	HLJ	ラチス型 6段 オフセット 0° ～ 40° 油圧無段階傾斜式
	シングルトップ	先端ブーム取付横折曲格納式
ブーム・ジブ伸縮装置	ブーム	複動油圧シリンダ直押式1本
	FLJ	複動油圧シリンダ直押式1本 ワイヤロープ式伸縮装置1基
ブーム伸長速度		46.8m／500 s
フック		125 t フック（7枚シーブ） 60 t フック（3枚シーブ） 26 t フック（1枚シーブ） 8.7 t フック
巻上装置		油圧モータ駆動遊星歯車減速式 自動ブレーキ シングルウインチ 2基
ワイヤロープ	主巻	径21mm × 長さ320m
	補巻	径21mm × 長さ250m
巻上速度	主巻	125m／min（4層）
	補巻	125m／min（4層）
ブーム起伏装置		複動油圧シリンダ直押式 1本
ブーム上げ速度		−1.0° ～ 83.5°／60 s
旋回装置		油圧モータ駆動遊星歯車減速式 ボール式スイングベアリング 油圧操作式旋回ロック 手動スイッチ式ブレーキ
旋回角度		360° 連続
旋回速度		1.6 min^{-1}
カウンタウエイト		50 t、36 t、24 t、12 t、0 t
アウトリガ		全油圧式 H型 張出幅：最大8.3m、 中間7.0m、 5.6m、 4.6m、 最小2.7m スライド・ジャッキ各個操作装置付 スライドロック用ピン付 スライド格納式フロート

上部エンジン	形式	ベンツ OM934LA 水冷4サイクル 直列4気筒 直接噴射式 排気ターボ過給 インタークーラ付 ディーゼルエンジン 尿素SCRシステム付
	総排気量	5.13 L
	最高出力	129kW {175PS} / 2,200min^{-1}{rpm}
	最大トルク	750N・m {76kgf・m} / 1,200～1,600min^{-1}{rpm}
燃料タンク容量		250L
AdBlueタンク容量		19L
油圧ポンプ		高圧可変ピストンポンプ 2個 高圧ピストンポンプ 1個 高圧ギヤポンプ 1個
安全装置		過負荷防止装置（AML） 作業範囲制限機能 旋回範囲制限機能 旋回自動停止機能 ブーム起伏緩停止機能 フック移動量表示機能 カウンタウエイト組み合わせ検出装置 個別検出式アウトリガ張出幅自動検出装置 巻過防止装置 捨巻確保装置 水準器 玉掛けロープはずれ止め 旋回ロック装置 油圧安全弁 油圧ロック装置（伸縮･起伏･巻上･ジャッキ）
付属装置		ブーム着脱装置 カウンタウエイト着脱装置 速度調整装置(起伏・旋回・ウインチ・ジブチルト) 作業灯、内部チルト式クレーン運転室、シートヒーター リフトアジャスタ、リリースアジャスタ AML外部表示灯、風速計、オイルクーラー エアコン、ラジオ、ドラム視認モニタ 旋回音声警報装置、拡声器 作業準備用ラジコン 携帯通信装置（HELLO-NET Owner's Site）
オプション		敷鉄板

■キャリヤ

最高速度		85km/h
登坂能力		$\tan\theta = 0.7$
最小回転半径		10.5m
全長		14,490mm
全幅		3,000mm
全高		3,980mm
軸距		2,700mm+1,650mm+2,440mm+1,700mm
輪距		2,440mm
車両総重量（公道走行状態）	全重量	40,470kg
	前軸	17,580kg (1軸 + 2軸)
	後軸	1,380kg (3軸) 21,510kg (4軸 + 5軸)
乗員	定員	2名
エンジン	形式	ベンツ OM471LA、 水冷4サイクル直列6気筒直接噴射式、 インタークーラ付ターボ ディーゼルエンジン、 尿素SCRシステム付
	総排気量	12.8L
	最高出力	390kW {530PS} / 1,700min^{-1}{rpm}
	最大トルク	2,460N・m {251kgf・m} / 1,300min^{-1}{rpm}
燃料タンク容量		600L
AdBlueタンク容量		40L
変速機	形式	ZF ASトロニック、自動変速式、インターダブレーキ付
	段	前進12段、後進2段
駆動方式		10×6 (8) 1軸 + (2軸) + 4軸 + 5軸、デフロック装置付
車軸形式		5軸全浮動式
懸架方式		全軸ハイドロニューマチック、レベリング調整付、 サスペンションストローク：+158mm、−118mm
ステアリング		左ハンドル、非常ステアリングポンプ付2系統式、 パワーステアリング、特殊ステアリングモード付
ブレーキ	主ブレーキ	空気式全輪ディスクブレーキ、2系統式、ABS装着
	駐車ブレーキ	2・4・5軸（6輪）制動スプリング式
	補助ブレーキ	変速機内蔵インターダ、排気ブレーキ
タイヤ		385/95 R25 170F ROAD (全輪)
バッテリ		12V -140Ah ×2個 (24V)
付属装置		エアコン、ラジオ、集中給油装置、 仮眠用ベッド、バックモニタ、イモビライザ、 シートヒーター、クルーズコントロール

走　行

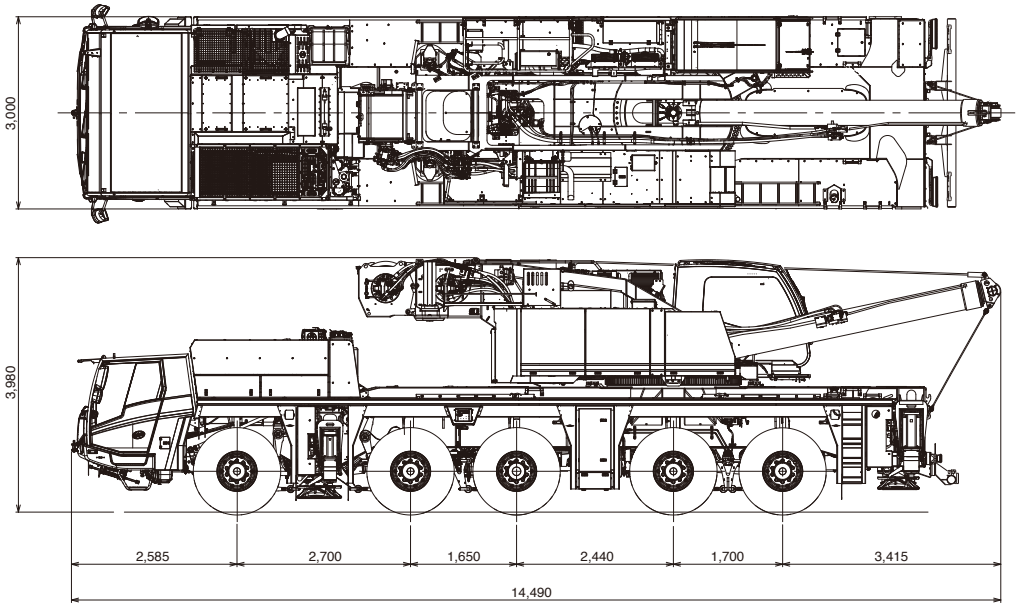
■ 公道走行状態

単位(mm)

● キャリヤ ＋ 旋回体　40.47 t

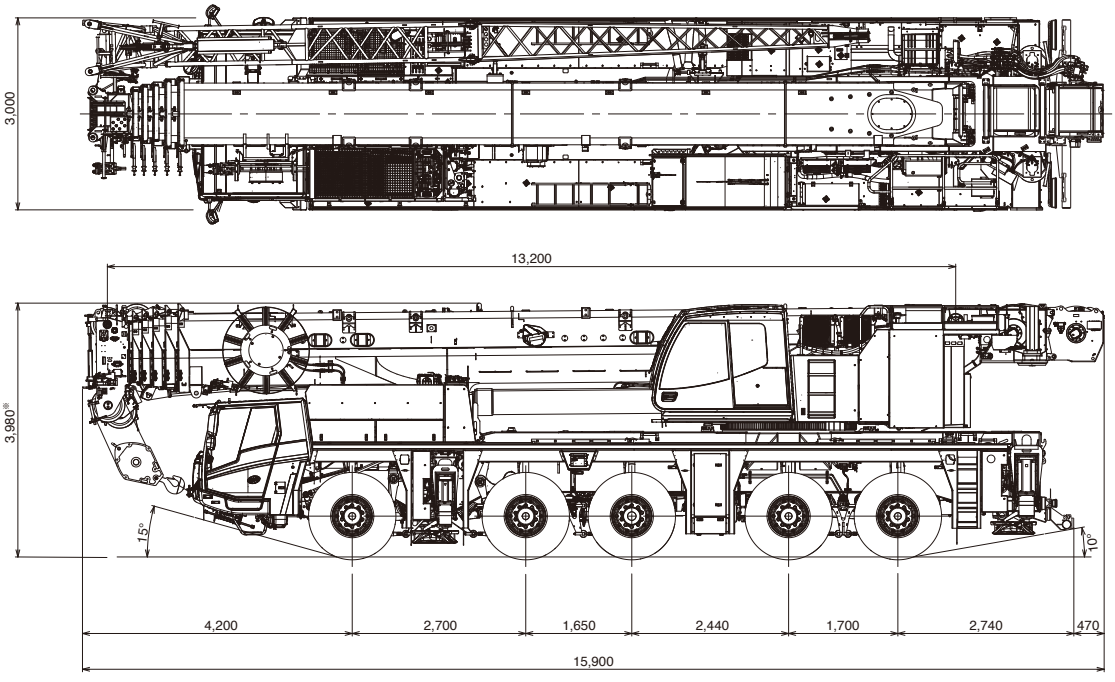
（公道走行時の注意事項）

1. ブームおよびカウンタウエイト装置を別送し、旋回体を後方向に向け、旋回ブレーキをかけピンロックした状態で走行しなければなりません。
2. 道路運送車両の保安基準による保安基準緩和の認定が必要です。
3. 道路法による特殊車両の通行許可が必要です。基本通行条件 重量: Dが記載された適合証明書を取得していますが、実際の通行経路で申請して許可された条件にしたがって走行しなければなりません。



■ 構内移動姿勢

単位(mm)



※+158mm、-118mm（サスペンション）

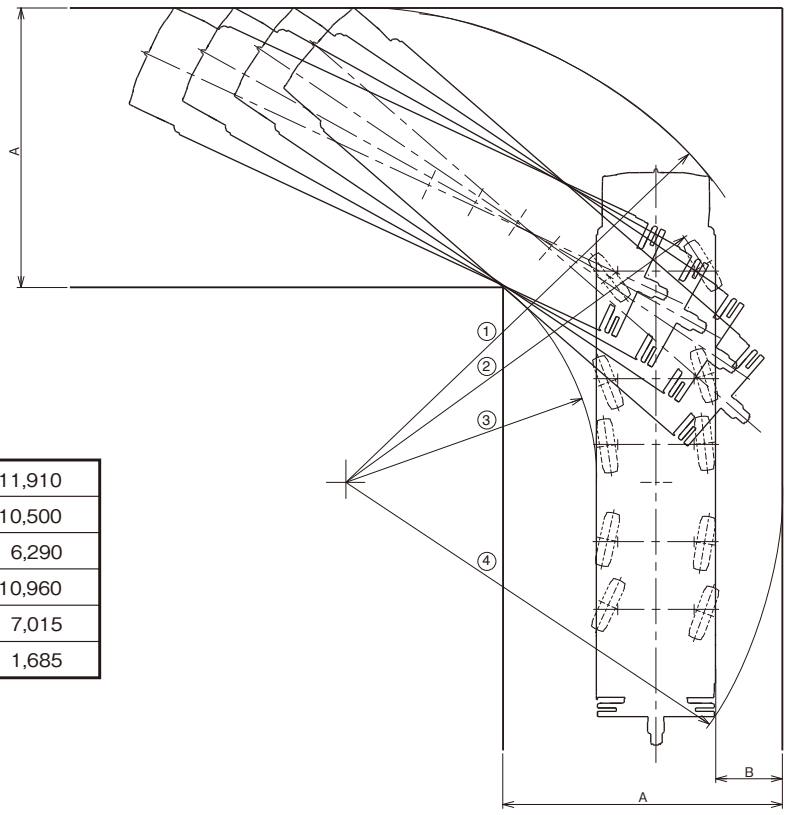
最低地上高：200mm

走　行

■ 最小直角通路幅

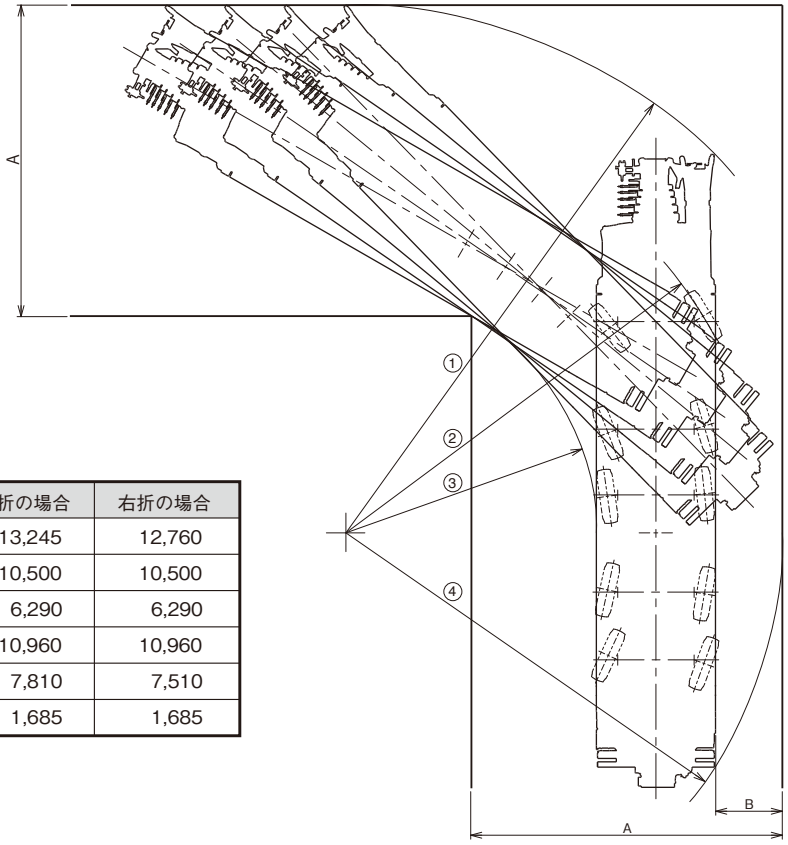
単位(mm)

● 公道走行状態



①	11,910
②	10,500
③	6,290
④	10,960
A	7,015
B	1,685

● 構内移動姿勢



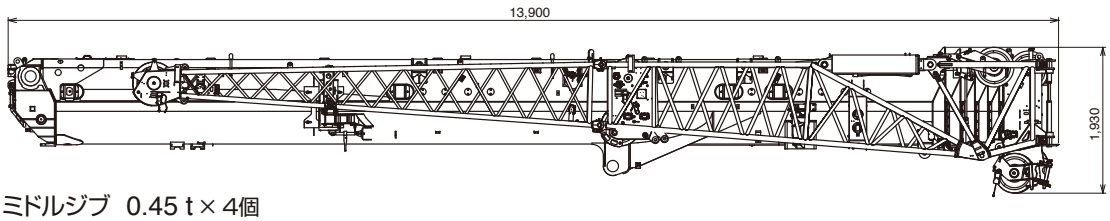
	左折の場合	右折の場合
①	13,245	12,760
②	10,500	10,500
③	6,290	6,290
④	10,960	10,960
A	7,810	7,510
B	1,685	1,685

搬　送

■ 分解搬送部品

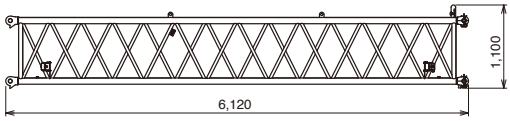
単位(mm)

● ブーム(18.4 t) + 油圧チルトジブ(HLJ 1.7 t)　20.1 t



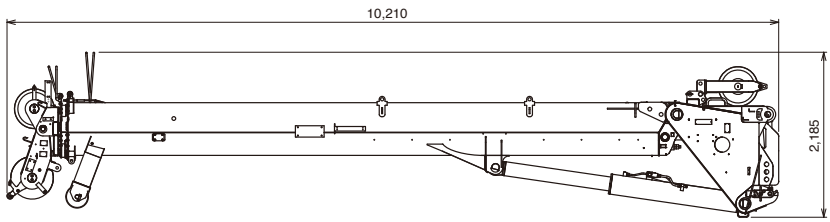
幅 2,580

● ミドルジブ　0.45 t × 4個



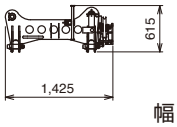
幅 810

● フルオートラフィングジブ(FLJ)　4.7 t



幅 1,430

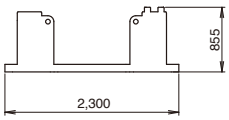
● アダプタ 0.45 t



幅 1,610

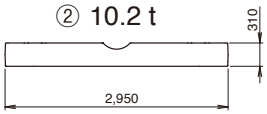
● カウンタウエイト(C/W)

① 1.8 t



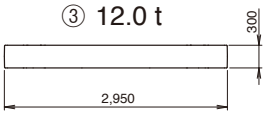
長さ 1,090

② 10.2 t



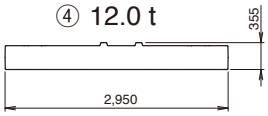
長さ 2,250

③ 12.0 t



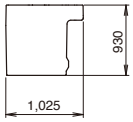
長さ 2,250

④ 12.0 t



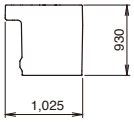
長さ 2,250

⑤ 7.0 t



長さ 1,595

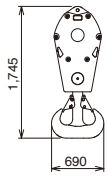
⑥ 7.0 t



長さ 1,595

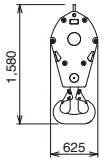
● フック

125tフック　1.3 t × 2個



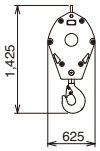
幅 665

60tフック　0.8 t



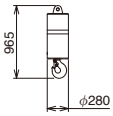
幅 375

26tフック　0.45 t



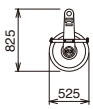
幅 235

8.7tフック　0.3 t



幅 280

● アタッチメントシーブ　0.08 t × 2個



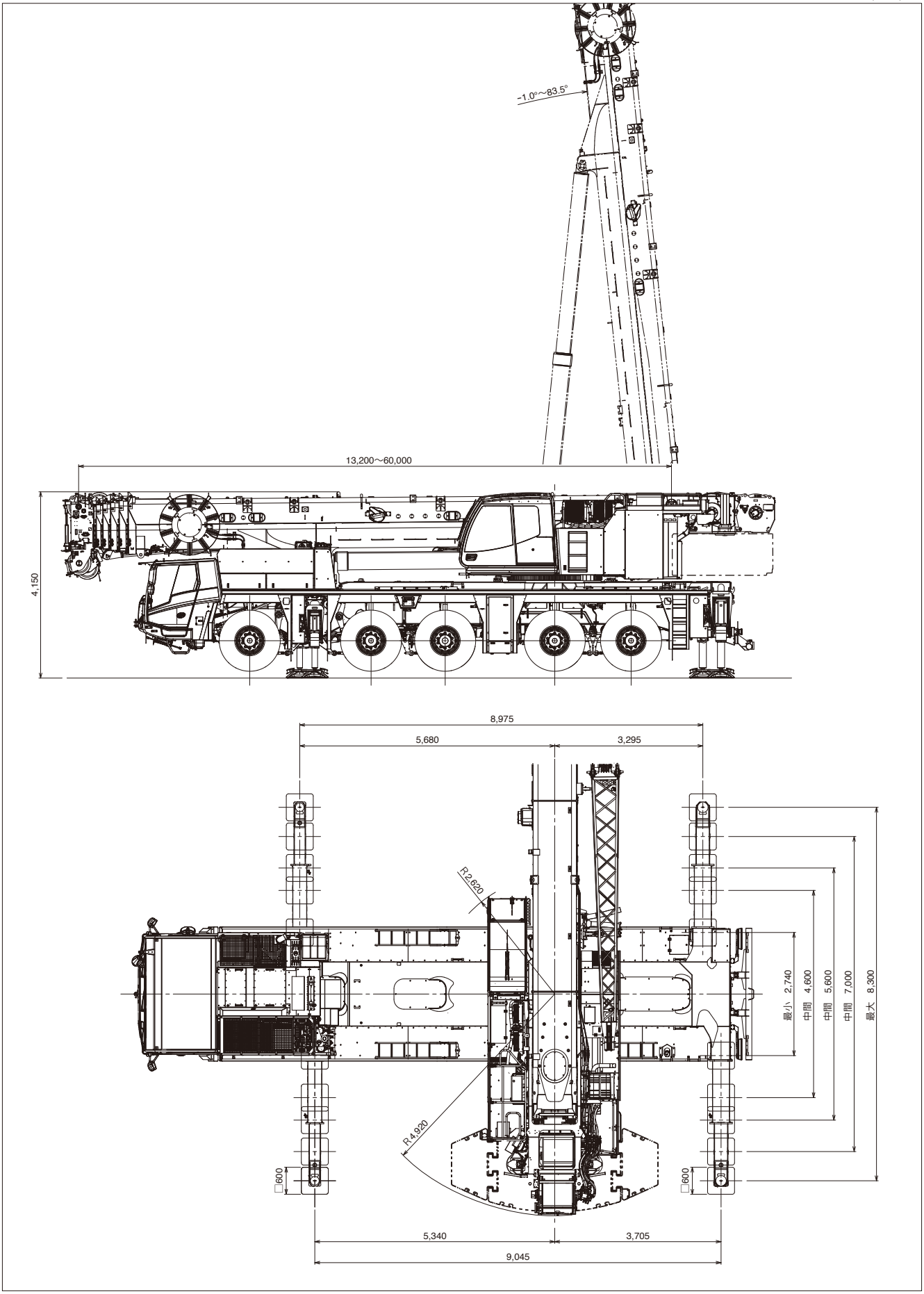
幅 310

その他に付属品があります。

設　置

■ アウトリガ張出幅･テールスイング

単位(mm)



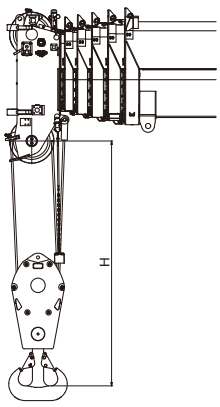
設　置

■ フック寸法

単位(mm)

H：ヘッドシーブ中心とハッカ上面の距離

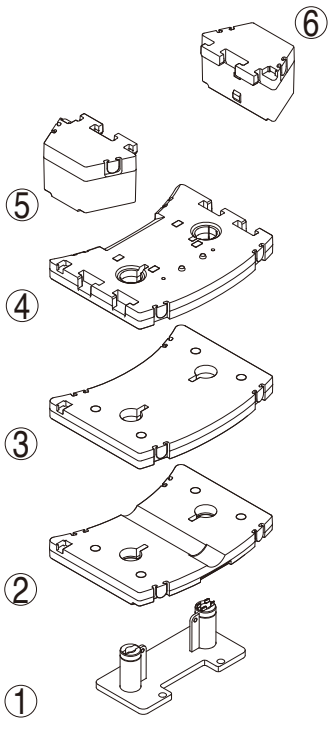
	125tフック	60tフック	26tフック	8.7tフック
ブーム	2.9m	2.7m	2.6m	
シングルトップ				2.9m
1.1m+4.7m HLJ		3.1m	3.0m	
上記以外 HLJ			3.3m	3.3m
FLJ		2.9m	2.8m	2.8m

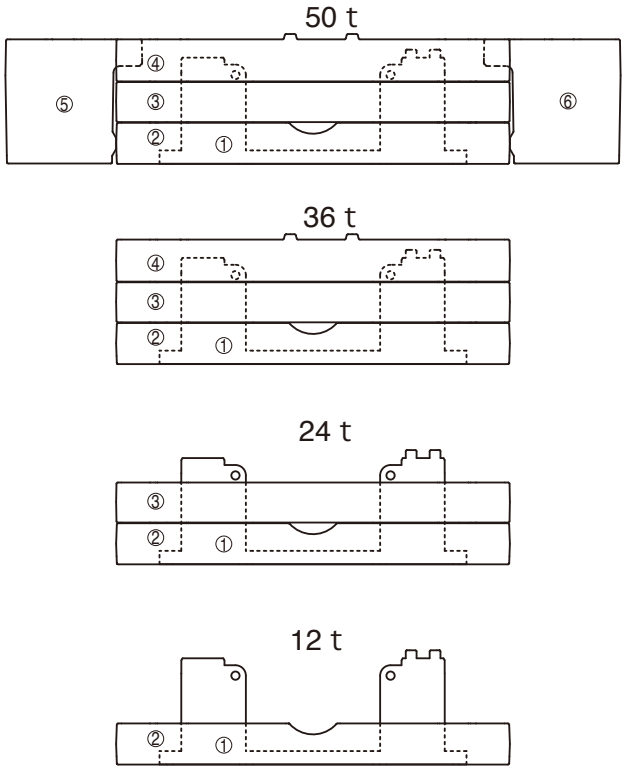


■ カウンタウエイト(C/W)組合せ

● 各ウエイトの使用個数を示す

合計重量	ウエイト① 1.8t	ウエイト② 10.2t	ウエイト③ 12.0t	ウエイト④ 12.0t	ウエイト⑤ 7.0t	ウエイト⑥ 7.0t
50 t	1	1	1	1	1	1
36 t	1	1	1	1		
24 t	1	1	1			
12 t	1	1				

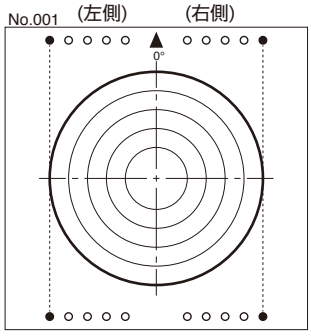




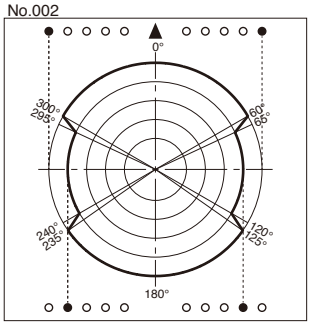
作業領域

■ 作業領域図

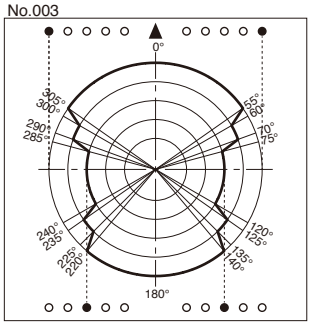
No.001 (左側) (右側)



No.002



No.003



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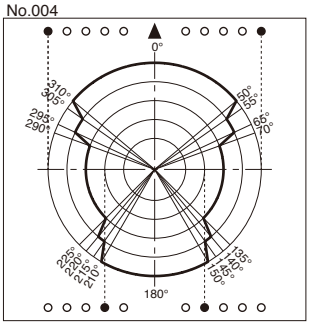

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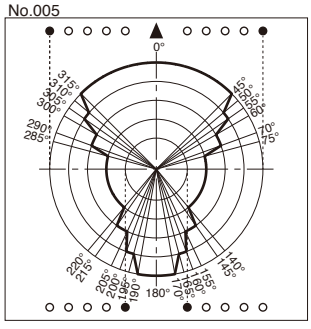

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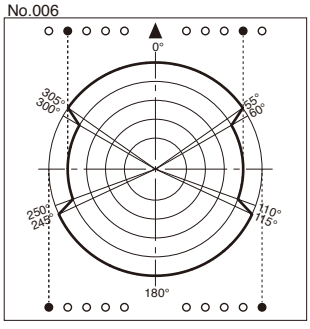

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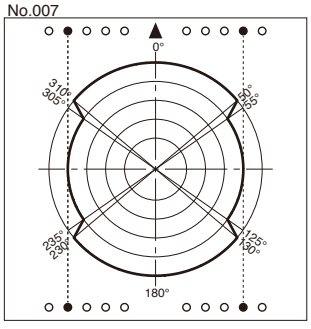

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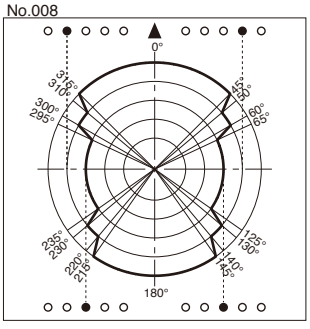

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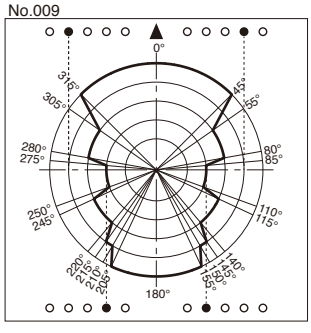

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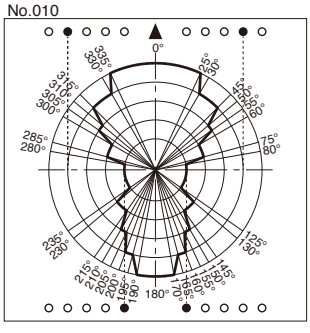

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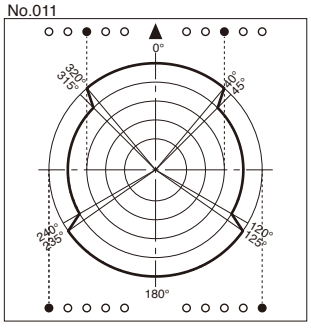

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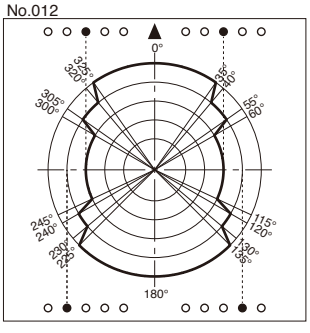

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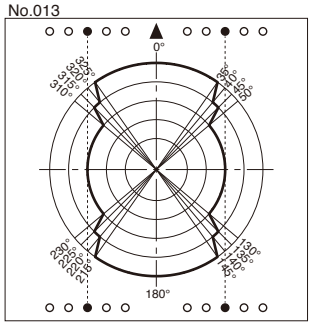

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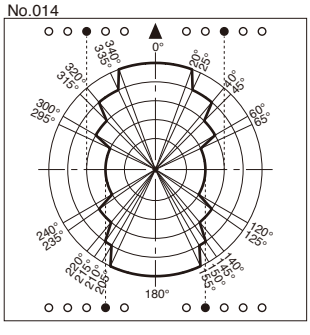

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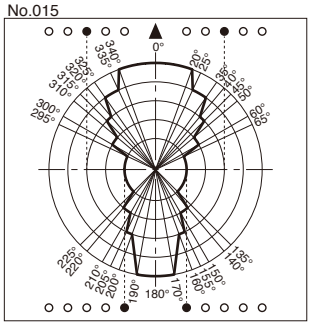

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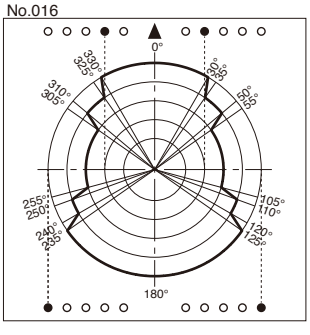

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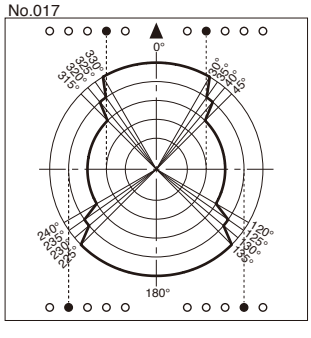

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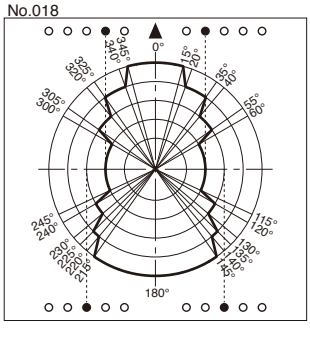

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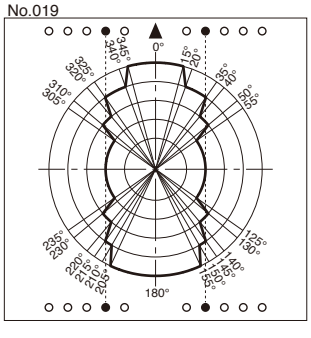

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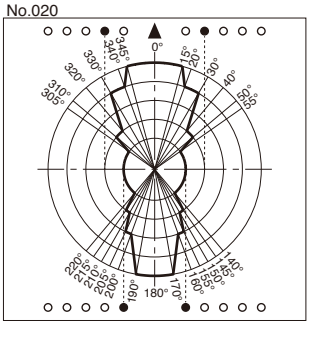
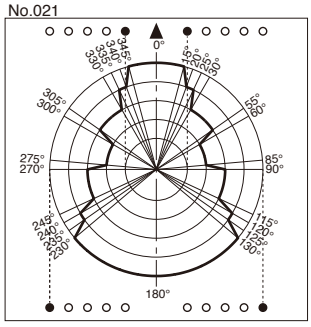


作業領域

No.021



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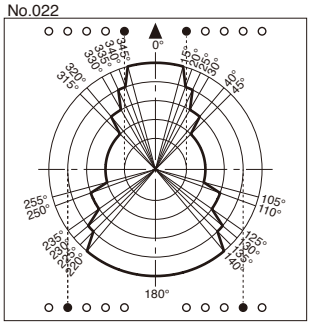

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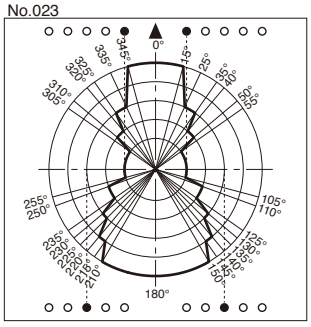

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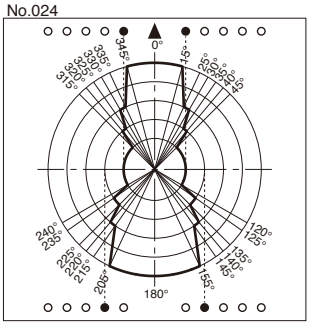

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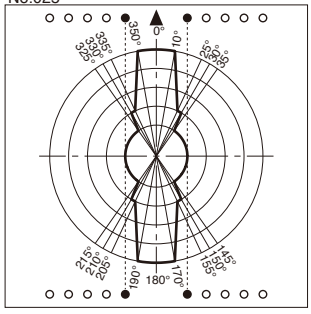


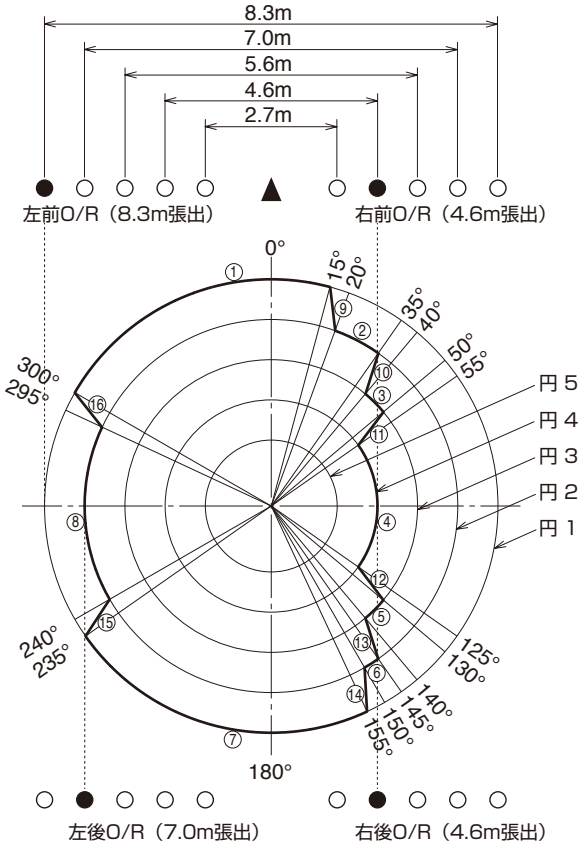
作業領域

■ 作業領域図の見方

作業領域図の円の大きさは、アウトリガ張出幅で決まる性能に対応しています。
さらにカウンタウエイトの装着状態に応じて下表のように制限しています。

		適用性能（ブーム作業）					適用性能（ジブ作業）				
	C/W 質量 / O/R 張出幅	50 t	36 t	24 t	12 t	0 t	50 t	36 t	24 t	12 t	0 t
円 1	8.3 m	○	○	○	○	○	○	○	○	○	○
円 2	7.0 m	○	○	○	○	○	○	○	○	○	
円 3	5.6 m		○	○	○	○		○	○	○	
円 4	4.6 m				○	○				○	
円 5	2.7 m					○					

－例－
図のアウトリガ張出幅でブーム作業を行う場合、作業領域別の性能および範囲は、次のようになります。



①の領域（300° ～ 15° 範囲）：最大張出（8.3m）性能
②の領域（ 20° ～ 35° 範囲）：中間張出（7.0m）性能
③の領域（ 40° ～ 50° 範囲）：中間張出（5.6m）性能
④の領域（ 55° ～125° 範囲）：中間張出（4.6m）性能
⑤の領域（130° ～140° 範囲）：中間張出（5.6m）性能
⑥の領域（145° ～150° 範囲）：中間張出（7.0m）性能
⑦の領域（155° ～235° 範囲）：最大張出（8.3m）性能
⑧の領域（240° ～295° 範囲）：中間張出（7.0m）性能

⑨の領域（ 15° ～ 20° 範囲）
右旋回時：最大張出（8.3m）性能から
中間張出（7.0m）性能へ比例して減少する。
左旋回時：中間張出（7.0m）性能から
最大張出（8.3m）性能へ比例して増加する。

⑩の領域（ 35° ～ 40° 範囲）
右旋回時：中間張出（7.0m）性能から
中間張出（5.6m）性能へ比例して減少する。
左旋回時：中間張出（5.6m）性能から
中間張出（7.0m）性能へ比例して増加する。

⑪の領域（ 50° ～ 55° 範囲）
右旋回時：中間張出（5.6m）性能から
中間張出（4.6m）性能へ比例して減少する。
左旋回時：中間張出（4.6m）性能から
中間張出（5.6m）性能へ比例して増加する。

⑫の領域（125° ～130° 範囲）
右旋回時：中間張出（4.6m）性能から
中間張出（5.6m）性能へ比例して増加する。
左旋回時：中間張出（5.6m）性能から
中間張出（4.6m）性能へ比例して減少する。

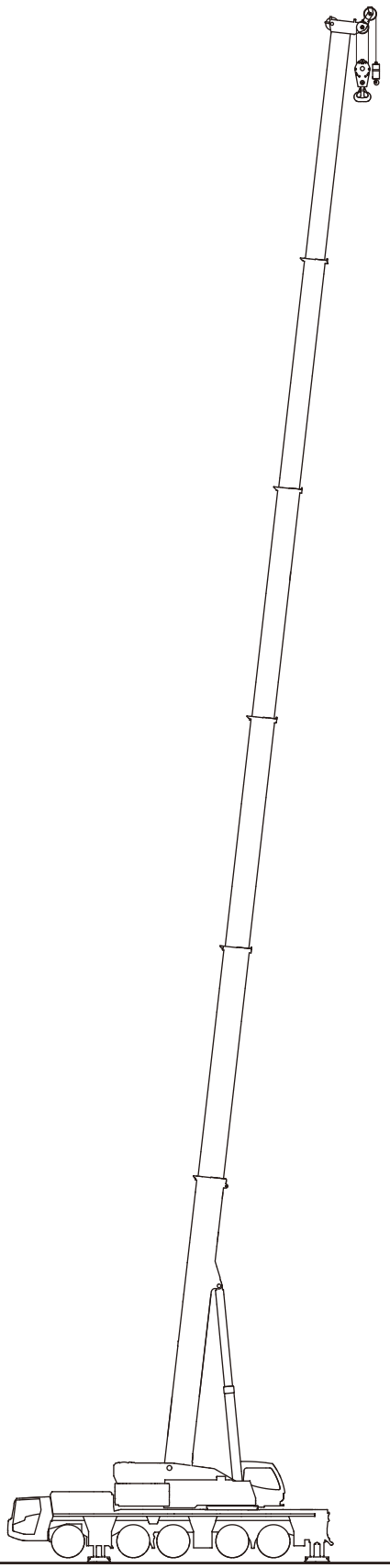
⑬の領域（140° ～145° 範囲）
右旋回時：中間張出（5.6m）性能から
中間張出（7.0m）性能へ比例して増加する。
左旋回時：中間張出（7.0m）性能から
中間張出（5.6m）性能へ比例して減少する。

⑭の領域（150° ～155° 範囲）
右旋回時：中間張出（7.0m）性能から
最大張出（8.3m）性能へ比例して増加する。
左旋回時：最大張出（8.3m）性能から
中間張出（7.0m）性能へ比例して減少する。

⑮の領域（235° ～240° 範囲）
右旋回時：最大張出（8.3m）性能から
中間張出（7.0m）性能へ比例して減少する。
左旋回時：中間張出（7.0m）性能から
最大張出（8.3m）性能へ比例して増加する。

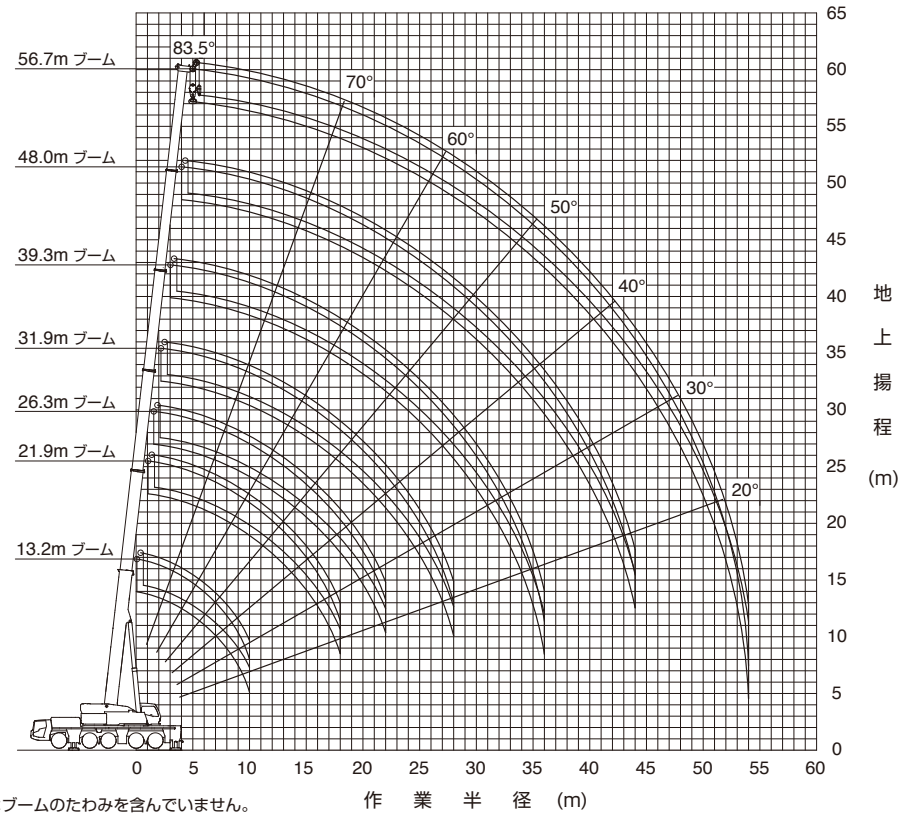
⑯の領域（295° ～300° 範囲）
右旋回時：中間張出（7.0m）性能から
最大張出（8.3m）性能へ比例して増加する。
左旋回時：最大張出（8.3m）性能から
中間張出（7.0m）性能へ比例して減少する。

オールテレーンクレーン
ATF-200N-5.1
ブーム

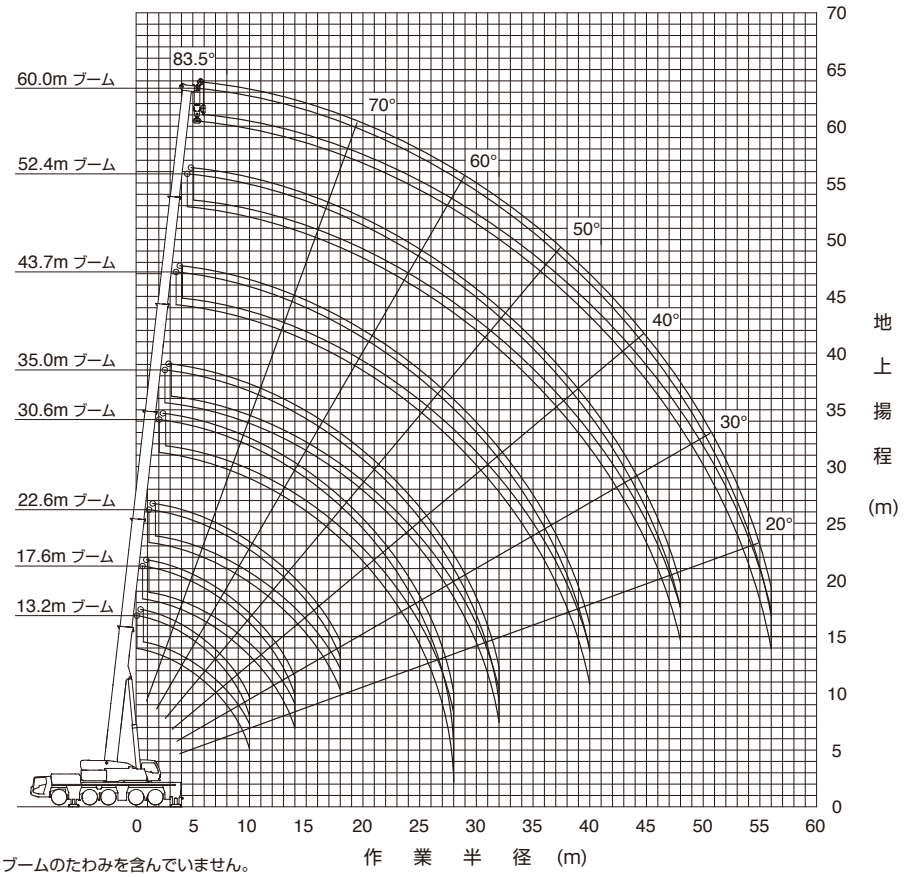


ブーム

ブーム作業半径－揚程図



（注意）1. 上図はブームのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。



（注意）1. 上図はブームのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

ブーム定格総荷重表

■ 定格総荷重表注意事項

◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。

アウトリガ張出幅 ＼ カウンタウエイト	50 t	36 t	24 t	12 t	0 t
8.3 m	○	○	○	○	○
7.0 m	○	○	○	○	○
5.6 m		○	○	○	○
4.6 m				○	○
2.7 m					○

※同じブーム長さでも、ブームの伸長状態によって定格総荷重が異なります。

◆定格総荷重は、つり具質量とフック質量（125tフック:1,300kg、60tフック: 800kg、26tフック: 450kg、8.7tフック:300kg）を含んだ値を示します。
◆定格総荷重は、ブームのたわみを含んだ実際の作業半径に基づいています。
◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	14本	13本	12本	11本	10本	9本	8本	7本	6本	5本	4本	3本	2本	1本
最大荷重	114.8t	107.0t	99.1t	91.1t	83.1t	75.1t	67.0t	58.8t	50.6t	42.3t	33.9t	25.5t	17.1t	8.7t

◆シングルトップ使用時の巻掛本数は1本（8.7tフック使用）で、定格総荷重はブームの定格総荷重からブームに取り付けられているフックの質量を差し引いた値とし、かつ上限は8.7tです。
◆定格総荷重はアウトリガを水平堅土上に設置したときの値で、太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。
◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m／s以上の風速では、クレーン作業を中止してください。

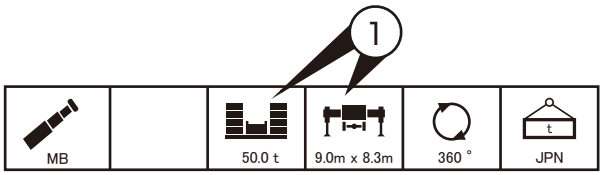
定格総荷重表中のシンボル、記号の説明

MB	ブームの定格総荷重を示します。	m	ブーム長さを示します。
	カウンタウエイト（C/W）組合せを示します。	m	作業半径を示します。
	アウトリガ張出幅を示します。	%	ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。 ( ) 内 ID の伸縮過程でも状態設定可能です。
360 ° 0 °	吊上げ可能な旋回範囲を示します。 0°の場合、後方限定を示します。		B ピン（ブーム固定ピン）を挿入していないときの定格総荷重の上限を示します。
			無負荷状態で作動可能なブーム起伏角度範囲を示します。
t JPN	定格総荷重の単位を示します。		標準巻掛本数を示します。
			標準フックを示します。

ブーム

■ 定格総荷重表の見方

1. アウトリガ張出幅とカウンタウエイトの質量に応じた性能を選択します。
2. ブーム長さとIDの欄を見ます。
3. 作業半径の欄を見ます。
4. ブーム長さ、IDと作業半径が交差するところが定格総荷重です。



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	161.3																								2.7
3.0	153.1	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	141.2	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	130.9	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	120.3	114.0	114.0	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	110.6	110.1	110.9	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	94.6	94.1	94.9	78.3	52.9	91.0	91.0	66.1	56.8	37.8	89.3	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	82.2	81.6	82.4	71.5	48.9	82.1	83.2	60.2	51.9	34.5	81.1	66.3	49.4	38.2	28.7	75.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	72.3	71.7	72.5	65.9	45.6	72.1	73.3	55.3	47.8	31.8	71.2	60.1	44.8	34.6	26.1	72.9	68.0	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	64.2	63.6	64.4	61.1	42.7	64.0	65.2	51.2	44.3	29.4	63.1	54.9	40.9	31.6	23.9	64.8	63.3	48.2	30.3	53.9	56.7	50.8	26.4	31.3	9.0
10.0	58.4	56.9	57.7	57.0	40.2	57.3	58.5	47.6	41.3	27.4	56.3	50.5	37.6	29.1	22.0	58.1	59.2	45.2	28.2	50.3	56.7	47.9	24.6	29.1	10.0
11.0		51.2	52.1	53.3	38.1	51.7	52.9	44.5	38.7	25.7	50.7	46.7	34.8	26.9	20.4	52.4	53.8	42.6	26.3	47.1	53.3	45.3	23.0	27.2	11.0
12.0		45.3	46.2	47.6	36.3	45.8	47.1	41.8	36.4	24.1	44.7	43.4	32.3	25.0	19.0	46.6	48.2	40.3	24.7	44.3	47.7	43.0	21.6	25.6	12.0
14.0		35.9	36.8	38.1	33.6	36.3	37.6	37.3	32.6	21.6	35.3	36.7	28.3	21.9	16.8	37.1	38.5	36.4	22.0	36.5	38.0	39.1	19.1	22.8	14.0
16.0						29.6	30.8	31.2	29.6	19.6	28.6	30.1	25.1	19.5	15.0	30.4	31.8	33.0	19.9	29.8	31.3	32.8	17.2	20.5	16.0
18.0						24.7	25.8	26.2	27.3	18.0	23.8	25.1	22.6	17.5	13.5	25.4	26.8	28.0	18.1	24.9	26.3	27.7	15.6	18.7	18.0
20.0																21.6	23.0	24.1	16.7	21.0	22.4	23.8	14.2	17.1	20.0
22.0																18.4	19.8	20.9	15.5	17.8	19.2	20.7	13.1	15.8	22.0
24.0																				15.3	16.7	18.1	12.2	14.7	24.0
26.0																				13.3	14.6	16.0	11.4	13.8	26.0
28.0																				8.2	9.1	10.5	10.8	13.1	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

3

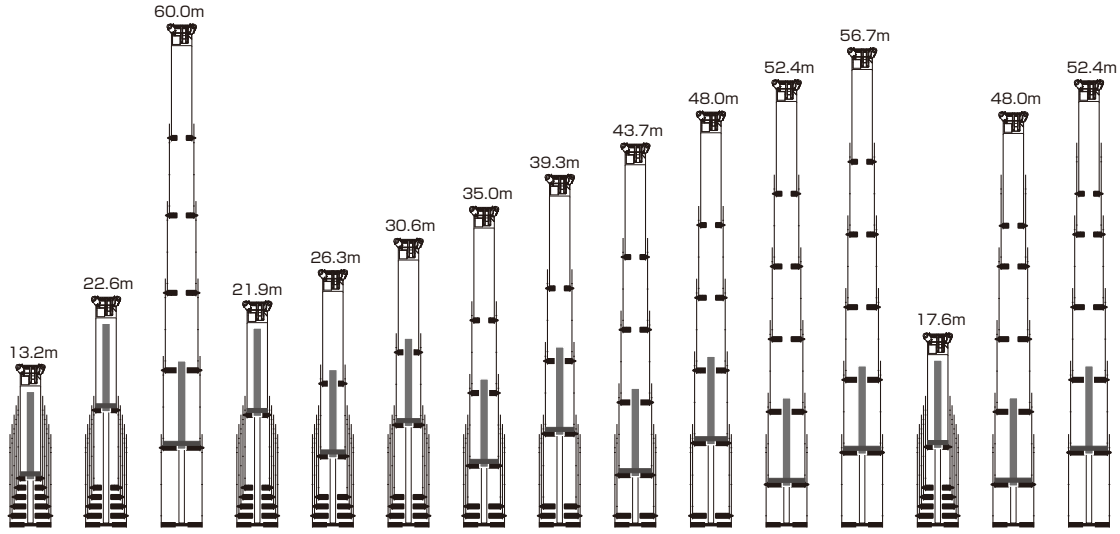
4

2

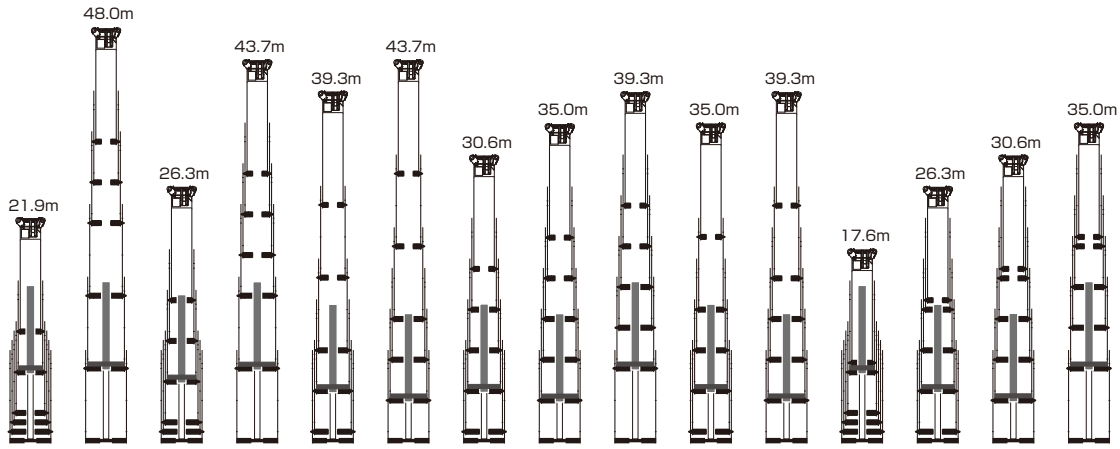
■ 性能ブロック図

性能ブロックはブームの伸縮操作だけでブーム伸縮状態を変更できる一連のIDをまとめたものです。
同じブロック内であればブームの伸縮状態の変更が容易に行えます。

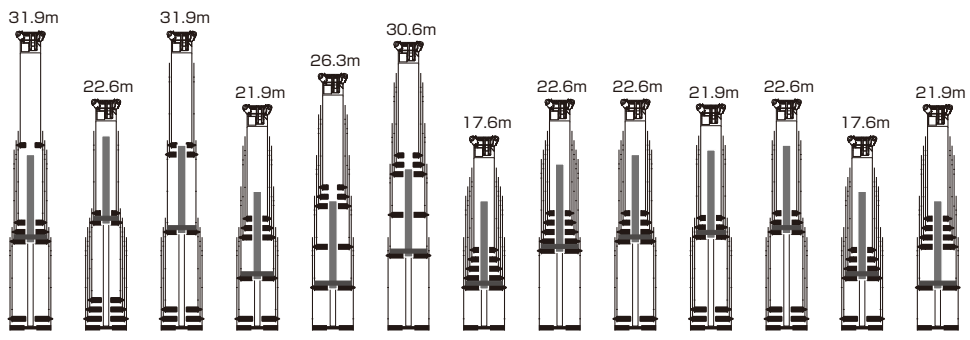
IDはブーム伸縮状態に対応する番号を示します。
ブームの伸縮割合の組み合わせによってブーム伸縮状態が異なります。
同じブーム長さであってもブームの伸縮割合が変わればIDが変わります。



性能ブロック	1			2									3		
ID	1	4	16	3	17	18	19	20	21	22	23	24	2	31	32



性能ブロック	4		5		6		7			8		9			
ID	25	38	33	42	43	44	39	45	46	48	49	50	52	53	54

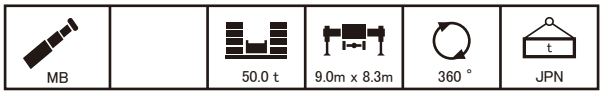


性能ブロック	10	11		12			13		14	15		16	
ID	57	59	62	64	65	66	67	69	72	73	74	70	75

ブーム

MB		50.0 t	9.0m x 8.3m	0 °	JPN

m	13.2	m
2.7	200.0	2.7
3.0	154.5	3.0
3.5	142.5	3.5
4.0	132.3	4.0
4.5	123.3	4.5
5.0	115.4	5.0
6.0	101.8	6.0
7.0	88.1	7.0
8.0	76.2	8.0
9.0	66.9	9.0
10.0	54.8	10.0
11.0		11.0
12.0		12.0
14.0		14.0
16.0		16.0
18.0		18.0
20.0		20.0
22.0		22.0
24.0		24.0
26.0		26.0
28.0		28.0
30.0		30.0
32.0		32.0
34.0		34.0
36.0		36.0
38.0		38.0
40.0		40.0
42.0		42.0
44.0		44.0
46.0		46.0
48.0		48.0
50.0		50.0
52.0		52.0
54.0		54.0
56.0		56.0
58.0		58.0
60.0		60.0
62.0		62.0
64.0		64.0
68.0		68.0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
ID	1	ID
t	42.0	t
[DEG]	0~83.5	[DEG]
	26	
	125t×2	



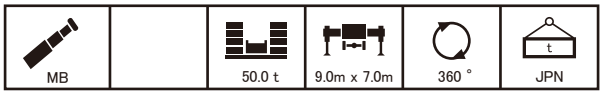
m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	161.3																								2.7
3.0	153.1	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	141.2	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	130.9	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	120.3	114.0	114.0	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	110.6	110.1	110.9	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	94.6	94.1	94.9	78.3	52.9	91.0	91.0	66.1	56.8	37.8	89.3	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	82.2	81.6	82.4	71.5	48.9	82.1	83.2	60.2	51.9	34.5	81.1	66.3	49.4	38.2	28.7	75.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	72.3	71.7	72.5	65.9	45.6	72.1	73.3	55.3	47.8	31.8	71.2	60.1	44.8	34.6	26.1	72.9	68.0	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	64.2	63.6	64.4	61.1	42.7	64.0	65.2	51.2	44.3	29.4	63.1	54.9	40.9	31.6	23.9	64.8	63.3	48.2	30.3	53.9	56.7	50.8	26.4	31.3	9.0
10.0	53.4	56.9	57.7	57.0	40.2	57.3	58.5	47.6	41.3	27.4	56.3	50.5	37.6	29.1	22.0	58.1	59.2	45.2	28.2	50.3	56.7	47.9	24.6	29.1	10.0
11.0		51.2	52.1	53.3	38.1	51.7	52.9	44.5	38.7	25.7	50.7	46.7	34.8	26.9	20.4	52.4	53.8	42.6	26.3	47.1	53.3	45.3	23.0	27.2	11.0
12.0		45.3	46.2	47.6	36.3	45.8	47.1	41.8	36.4	24.1	44.7	43.4	32.3	25.0	19.0	46.6	48.2	40.3	24.7	44.3	47.7	43.0	21.6	25.6	12.0
14.0		35.9	36.8	38.1	33.6	36.3	37.6	37.3	32.6	21.6	35.3	36.7	28.3	21.9	16.8	37.1	38.5	36.4	22.0	36.5	38.0	39.1	19.1	22.8	14.0
16.0						29.6	30.9	31.2	29.6	19.6	28.6	30.1	25.1	19.5	15.0	30.4	31.8	33.0	19.9	29.8	31.3	32.8	17.2	20.5	16.0
18.0						24.7	25.9	26.2	27.3	18.0	23.8	25.1	22.6	17.5	13.5	25.4	26.8	28.0	18.1	24.9	26.3	27.7	15.6	18.7	18.0
20.0																21.6	23.0	24.1	16.7	21.0	22.4	23.8	14.2	17.1	20.0
22.0																18.4	19.8	20.9	15.5	17.8	19.2	20.7	13.1	15.8	22.0
24.0																				15.3	16.7	18.1	12.2	14.7	24.0
26.0																				13.3	14.6	16.0	11.4	13.8	26.0
28.0																				8.2	9.1	10.5	10.8	13.1	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
% 2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
% 3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
% 4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
% 5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	47.8	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	44.6	46.3	31.8	25.5	39.8	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	41.9	46.3	30.2	24.1	37.7	30.9	24.7	23.9	32.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	39.4	44.8	28.7	22.8	35.7	29.5	23.5	22.5	31.9	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	35.2	39.0	26.0	20.5	32.0	27.0	21.3	20.2	28.9	21.8	20.5	25.1	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	30.7	32.2	23.7	18.7	29.0	24.9	19.6	18.3	26.2	20.1	18.8	23.2	20.4	18.4	20.2	17.8	17.6	15.5						16.0
18.0	15.0	25.7	27.2	21.8	17.1	26.5	23.2	18.0	16.7	23.9	18.6	17.3	21.5	18.9	17.0	18.8	17.0	16.8	15.5						18.0
20.0	13.5	21.8	23.3	20.2	15.8	22.6	21.7	16.8	15.4	21.9	17.4	16.0	20.1	17.5	15.7	17.6	15.9	15.8	14.7						20.0
22.0	12.2	18.6	20.1	18.9	14.6	19.4	20.2	15.6	14.2	19.5	16.3	14.8	18.5	16.3	14.5	16.5	14.9	14.9	13.8						22.0
24.0	11.1	16.1	17.5	17.7	13.6	16.9	18.2	14.7	13.1	16.9	15.3	13.9	17.1	15.2	13.5	15.5	13.9	14.0	12.8						24.0
26.0	10.2	14.0	15.4	16.6	12.7	14.7	16.1	13.8	12.1	14.7	14.5	13.0	15.0	14.2	12.4	14.6	13.1	13.2	11.8						26.0
28.0	9.4	12.2	13.6	14.8	12.0	13.0	14.3	13.0	11.1	13.0	13.7	12.2	13.2	13.2	11.4	13.6	12.3	12.5	10.9						28.0
30.0		10.8	12.1	13.3	11.3	11.5	12.8	12.3	10.3	11.5	13.0	11.5	11.7	12.2	10.5	12.1	11.6	11.9	10.1						30.0
32.0		9.5	10.8	11.9	10.9	10.2	11.5	11.7	9.7	10.2	11.8	10.7	10.4	11.3	9.8	10.8	10.8	11.2	9.4						32.0
34.0						9.1	10.3	11.2	9.0	9.1	10.7	10.1	9.3	10.1	9.1	9.7	10.1	10.1	8.8						34.0
36.0						8.2	9.4	10.2	8.5	8.1	9.7	9.5	8.3	9.1	8.5	8.7	9.4	9.1	8.2						36.0
38.0										7.3	8.8	8.9	7.5	8.3	7.9	7.8	8.7	8.2	7.6						38.0
40.0										6.5	8.0	8.5	6.7	7.5	7.4	7.0	7.9	7.4	7.1						40.0
42.0													5.9	6.8	7.0	6.3	7.2	6.7	6.6						42.0
44.0													5.3	6.2	6.6	5.7	6.6	6.1	6.1						44.0
46.0																5.1	6.0	5.5	5.6						46.0
48.0																4.6	5.5	5.0	5.0						48.0
50.0																		4.5	4.5						50.0
52.0																		4.0	4.1						52.0
54.0																		3.7	3.7						54.0
56.0																			3.3						56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
% 2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
% 3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
% 4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
% 5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	8~83.5	9~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		50.0 t	9.0m x 7.0m	0 °	JPN

	m	13.2																								m
m	2.7	200.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	115.4																								5.0
	6.0	101.8																								6.0
	7.0	88.1																								7.0
	8.0	76.2																								8.0
	9.0	66.9																								9.0
	10.0	54.8																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
%	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



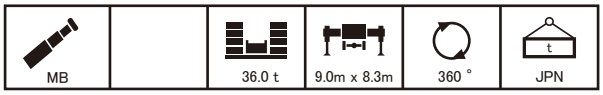
m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	161.3																								2.7
3.0	153.1	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	139.8	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	126.5	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	115.3	114.0	114.0	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	105.6	105.1	105.9	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	89.9	89.4	90.2	78.3	52.9	89.8	91.0	66.1	56.8	37.8	88.9	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	77.8	77.3	78.1	71.5	48.9	77.7	78.9	60.2	51.9	34.5	76.7	66.3	49.4	38.2	28.7	75.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	68.2	67.6	68.4	65.9	45.6	68.0	69.2	55.3	47.8	31.8	67.1	60.1	44.8	34.6	26.1	68.8	68.0	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	60.4	59.8	60.6	61.1	42.7	60.2	61.4	51.2	44.3	29.4	59.3	54.9	40.9	31.6	23.9	61.0	62.4	48.2	30.3	53.9	56.7	50.8	26.4	31.3	9.0
10.0	53.4	53.3	54.2	55.4	40.2	53.8	55.0	47.6	41.3	27.4	52.8	50.5	37.6	29.1	22.0	54.5	55.9	45.2	28.2	50.3	55.5	47.9	24.6	29.1	10.0
11.0		47.9	48.8	50.0	38.1	48.4	49.6	44.5	38.7	25.7	47.4	46.7	34.8	26.9	20.4	49.1	50.5	42.6	26.3	47.1	50.1	45.3	23.0	27.2	11.0
12.0		42.0	43.1	44.6	36.3	42.6	44.0	41.8	36.4	24.1	41.4	43.1	32.3	25.0	19.0	43.5	45.2	40.3	24.7	42.9	44.6	43.0	21.6	25.6	12.0
14.0		32.4	33.3	34.8	33.6	32.8	34.2	34.5	32.6	21.6	31.7	33.3	28.3	21.9	16.8	33.7	35.3	36.4	22.0	33.1	34.7	36.4	19.1	22.8	14.0
16.0						26.2	27.5	27.9	29.6	19.6	25.2	26.7	25.1	19.5	15.0	27.0	28.5	29.8	19.9	26.5	28.0	29.6	17.2	20.5	16.0
18.0						21.5	22.8	23.1	24.7	18.0	20.4	21.9	22.6	17.5	13.5	22.2	23.7	24.9	18.1	21.6	23.1	24.6	15.6	18.7	18.0
20.0																18.6	20.0	21.2	16.7	18.0	19.4	20.9	14.2	17.1	20.0
22.0																15.8	17.1	18.3	15.5	15.2	16.6	18.0	13.1	15.8	22.0
24.0																				12.9	14.3	15.7	12.2	14.7	24.0
26.0																				11.1	12.4	13.8	11.4	13.6	26.0
28.0																				8.2	9.1	10.5	10.8	12.0	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	47.8	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	44.6	46.3	31.8	25.5	39.8	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	41.9	46.3	30.2	24.1	37.7	30.9	24.7	23.9	32.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	39.4	44.8	28.7	22.8	35.7	29.5	23.5	22.5	31.9	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	34.0	35.7	26.0	20.5	32.0	27.0	21.3	20.2	28.9	21.8	20.5	25.1	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	27.3	28.9	23.7	18.7	28.3	24.9	19.6	18.3	26.2	20.1	18.8	23.2	20.4	18.4	20.2	17.8	17.6	15.5						16.0
18.0	15.0	22.5	24.0	21.8	17.1	23.4	23.2	18.0	16.7	23.4	18.6	17.3	21.5	18.9	17.0	18.8	17.0	16.8	15.5						18.0
20.0	13.5	18.8	20.3	20.2	15.8	19.7	21.1	16.8	15.4	19.7	17.4	16.0	20.0	17.5	15.7	17.6	15.9	15.8	14.7						20.0
22.0	12.2	16.0	17.4	18.7	14.6	16.8	18.2	15.6	14.2	16.8	16.3	14.8	17.1	16.3	14.5	16.5	14.9	14.9	13.8						22.0
24.0	11.1	13.7	15.1	16.4	13.6	14.5	15.8	14.7	13.1	14.5	15.3	13.9	14.7	15.2	13.5	15.2	13.9	14.0	12.8						24.0
26.0	10.2	11.8	13.2	14.4	12.7	12.6	13.9	13.8	12.1	12.6	14.3	13.0	12.8	13.7	12.4	13.2	13.1	13.2	11.8						26.0
28.0	9.4	10.2	11.6	12.8	12.0	11.0	12.3	13.0	11.1	11.0	12.6	12.2	11.2	12.1	11.4	11.6	12.3	12.0	10.9						28.0
30.0		8.9	10.3	11.5	11.3	9.6	10.9	11.8	10.3	9.6	11.3	11.5	9.9	10.7	10.5	10.3	11.1	10.7	10.1						30.0
32.0		7.8	9.2	10.4	10.9	8.5	9.7	10.6	9.7	8.5	10.1	10.6	8.7	9.6	9.8	9.1	9.9	9.5	9.4						32.0
34.0						7.5	8.7	9.6	9.0	7.5	9.0	9.6	7.7	8.5	9.1	8.1	8.9	8.5	8.6						34.0
36.0						6.7	7.9	8.7	8.5	6.6	8.2	8.7	6.8	7.6	8.4	7.2	8.0	7.6	7.7						36.0
38.0										5.8	7.4	7.9	6.0	6.9	7.6	6.4	7.2	6.8	6.9						38.0
40.0										5.1	6.7	7.2	5.3	6.2	6.9	5.7	6.5	6.1	6.2						40.0
42.0													4.6	5.5	6.3	5.0	5.9	5.4	5.5						42.0
44.0													4.1	5.0	5.7	4.4	5.3	4.8	4.9						44.0
46.0																3.9	4.8	4.3	4.4						46.0
48.0																3.4	4.4	3.8	3.9						48.0
50.0																		3.4	3.4						50.0
52.0																		3.0	3.0						52.0
54.0																		2.7	2.7						54.0
56.0																			2.3						56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	8~83.5	9~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		36.0 t	9.0m x 8.3m	0 °	JPN

m	13.2																									m
2.7	180.0																									2.7
3.0	154.5																									3.0
3.5	142.5																									3.5
4.0	132.3																									4.0
4.5	123.3																									4.5
5.0	115.4																									5.0
6.0	97.1																									6.0
7.0	82.2																									7.0
8.0	71.0																									8.0
9.0	62.3																									9.0
10.0	54.8																									10.0
11.0																										11.0
12.0																										12.0
14.0																										14.0
16.0																										16.0
18.0																										18.0
20.0																										20.0
22.0																										22.0
24.0																										24.0
26.0																										26.0
28.0																										28.0
30.0																										30.0
32.0																										32.0
34.0																										34.0
36.0																										36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
52.0																										52.0
54.0																										54.0
56.0																										56.0
58.0																										58.0
60.0																										60.0
62.0																										62.0
64.0																										64.0
68.0																										68.0
1	0																									1
2	0																									2
3	0																									3
4	0																									4
5	0																									5
ID	1																									ID
t	42.0																									t
[DEG]	0~83.5																									[DEG]
	26																									
	125t×2																									



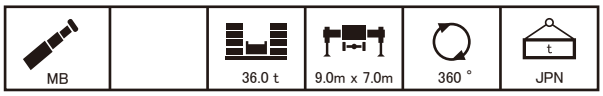
m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	161.3																								2.7
3.0	153.1	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	140.1	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	127.0	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	115.8	114.0	114.0	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	106.1	105.6	106.4	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	90.4	89.9	90.7	78.3	52.9	90.3	91.0	66.1	56.8	37.8	89.3	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	78.2	77.6	78.4	71.5	48.9	78.1	79.2	60.2	51.9	34.5	77.1	66.3	49.4	38.2	28.7	75.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	68.5	67.9	68.7	65.9	45.6	68.4	69.5	55.3	47.8	31.8	67.4	60.1	44.8	34.6	26.1	69.1	68.0	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	60.7	60.0	60.8	61.1	42.7	60.5	61.7	51.2	44.3	29.4	59.3	54.9	40.9	31.6	23.9	61.2	62.6	48.2	30.3	53.9	56.7	50.8	26.4	31.3	9.0
10.0	51.6	50.7	51.7	53.2	40.2	51.2	52.7	47.6	41.3	27.4	50.1	50.5	37.6	29.1	22.0	52.2	53.8	45.2	28.2	50.3	53.3	47.9	24.6	29.1	10.0
11.0		43.7	44.6	46.0	38.1	44.2	45.5	44.5	38.7	25.7	43.0	44.6	34.8	26.9	20.4	45.0	46.6	42.6	26.3	44.5	46.1	45.3	23.0	27.2	11.0
12.0		38.1	39.0	40.4	36.3	38.6	39.9	40.2	36.4	24.1	37.5	39.0	32.3	25.0	19.0	39.4	40.9	40.3	24.7	38.8	40.4	42.0	21.6	25.6	12.0
14.0		29.6	30.6	32.0	32.6	30.1	31.4	31.8	32.6	21.6	29.0	30.5	28.3	21.9	16.8	30.9	32.5	33.8	22.0	30.3	32.0	33.6	19.1	22.8	14.0
16.0						23.9	25.2	25.5	27.3	19.6	22.8	24.4	25.1	19.5	15.0	24.7	26.2	27.5	19.9	24.1	25.7	27.2	17.2	20.5	16.0
18.0						19.5	20.8	21.1	22.7	18.0	18.5	19.9	21.1	17.5	13.5	20.2	21.7	22.9	18.1	19.7	21.1	22.6	15.6	18.7	18.0
20.0																16.8	18.2	19.4	16.7	16.3	17.7	19.2	14.2	17.1	20.0
22.0																14.2	15.6	16.7	15.5	13.6	15.0	16.4	13.1	15.8	22.0
24.0																				11.5	12.9	14.3	12.2	14.1	24.0
26.0																				9.8	11.1	12.5	11.4	12.3	26.0
28.0																				8.2	9.1	10.5	10.8	10.8	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
% 2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
% 3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
% 4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
% 5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	47.8	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	44.6	46.3	31.8	25.5	39.8	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	41.9	46.3	30.2	24.1	37.7	30.9	24.7	23.9	32.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	39.4	41.4	28.7	22.8	35.7	29.5	23.5	22.5	31.9	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	31.3	33.0	26.0	20.5	32.0	27.0	21.3	20.2	28.9	21.8	20.5	25.1	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	25.0	26.6	23.7	18.7	25.9	24.9	19.6	18.3	26.0	20.1	18.8	23.2	20.4	18.4	20.2	17.8	17.6	15.5						16.0
18.0	15.0	20.5	22.0	21.8	17.1	21.4	22.9	18.0	16.7	21.4	18.6	17.3	21.5	18.9	17.0	18.8	17.0	16.8	15.5						18.0
20.0	13.5	17.1	18.6	19.9	15.8	17.9	19.4	16.8	15.4	17.9	17.4	16.0	18.2	17.5	15.7	17.6	15.9	15.8	14.7						20.0
22.0	12.2	14.4	15.9	17.2	14.6	15.2	16.6	15.6	14.2	15.2	16.3	14.8	15.5	16.3	14.5	16.0	14.9	14.9	13.8						22.0
24.0	11.1	12.3	13.7	15.0	13.6	13.1	14.4	14.7	13.1	13.1	14.8	13.9	13.3	14.3	13.5	13.8	13.9	14.0	12.8						24.0
26.0	10.2	10.5	11.9	13.1	12.7	11.3	12.6	13.5	12.1	11.3	13.0	13.0	11.5	12.4	12.4	12.0	12.9	12.4	11.8						26.0
28.0	9.4	9.0	10.4	11.6	12.0	9.8	11.1	11.9	11.1	9.8	11.5	12.0	10.0	10.9	11.4	10.5	11.3	10.9	10.9						28.0
30.0		7.8	9.2	10.4	11.0	8.5	9.8	10.7	10.3	8.5	10.2	10.7	8.8	9.6	10.4	9.2	10.0	9.6	9.7						30.0
32.0		6.8	8.2	9.3	9.9	7.5	8.7	9.6	9.7	7.4	9.1	9.6	7.7	8.5	9.3	8.1	8.9	8.5	8.6						32.0
34.0						6.6	7.8	8.6	8.8	6.5	8.1	8.6	6.7	7.6	8.3	7.1	8.0	7.5	7.6						34.0
36.0						5.8	7.0	7.8	8.0	5.7	7.3	7.8	5.9	6.7	7.5	6.3	7.1	6.7	6.8						36.0
38.0										4.9	6.5	7.1	5.2	6.0	6.7	5.6	6.4	5.9	6.0						38.0
40.0										4.3	5.9	6.4	4.5	5.4	6.1	4.9	5.7	5.3	5.4						40.0
42.0													3.9	4.8	5.5	4.2	5.2	4.7	4.8						42.0
44.0													3.3	4.2	5.0	3.7	4.6	4.1	4.2						44.0
46.0																3.2	4.1	3.6	3.7						46.0
48.0																2.8	3.7	3.2	3.2						48.0
50.0																		2.7	2.8						50.0
52.0																		2.4	2.4						52.0
54.0																		2.1	2.1						54.0
56.0																			1.8						56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
% 2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
% 3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
% 4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
% 5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	8~83.5	9~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		36.0 t	9.0m x 7.0m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	115.4																								5.0
	6.0	97.1																								6.0
	7.0	82.2																								7.0
	8.0	71.0																								8.0
	9.0	62.3																								9.0
	10.0	54.8																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
m	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
%	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



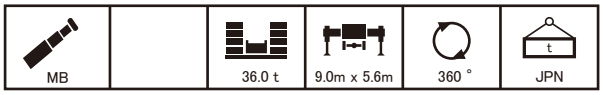
m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	160.9																								2.7
3.0	149.9	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	134.3	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	121.2	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	110.1	109.7	110.5	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	100.6	100.2	101.0	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	85.3	84.8	85.6	78.3	52.9	85.2	86.4	66.1	56.8	37.8	84.2	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	73.5	72.9	73.7	71.5	48.9	73.4	74.6	60.2	51.9	34.5	72.4	66.3	49.4	38.2	28.7	74.1	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	64.1	63.5	64.4	65.6	45.6	64.0	65.2	55.3	47.8	31.8	63.0	60.1	44.8	34.6	26.1	64.8	66.2	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	56.6	55.7	56.8	58.1	42.7	56.3	57.6	51.2	44.3	29.4	54.9	54.9	40.9	31.6	23.9	57.2	58.6	48.2	30.3	53.9	56.7	50.8	26.4	31.3	9.0
10.0	46.7	45.7	46.9	48.5	40.2	46.3	47.9	47.6	41.3	27.4	45.0	46.9	37.6	29.1	22.0	47.4	49.2	45.2	28.2	46.7	48.6	47.9	24.6	29.1	10.0
11.0		38.4	39.5	41.1	38.1	39.0	40.5	40.9	38.7	25.7	37.7	39.5	34.8	26.9	20.4	40.0	41.7	42.6	26.3	39.3	41.2	43.0	23.0	27.2	11.0
12.0		32.9	33.9	35.4	36.1	33.4	34.9	35.2	36.4	24.1	32.2	33.9	32.3	25.0	19.0	34.3	36.0	37.5	24.7	33.7	35.4	37.2	21.6	25.6	12.0
14.0		24.9	25.9	27.3	27.9	25.4	26.8	27.1	28.9	21.6	24.3	25.9	27.2	21.9	16.8	26.3	27.8	29.2	22.0	25.7	27.3	28.9	19.1	22.8	14.0
16.0						20.0	21.3	21.6	23.3	19.6	18.9	20.4	21.7	19.5	15.0	20.8	22.3	23.6	19.9	20.2	21.7	23.3	17.2	20.5	16.0
18.0						16.1	17.4	17.7	19.3	18.0	15.1	16.5	17.7	17.5	13.5	16.8	18.3	19.5	18.1	16.3	17.7	19.2	15.6	18.7	18.0
20.0																13.9	15.3	16.4	16.7	13.3	14.7	16.2	14.2	16.0	20.0
22.0																11.5	12.9	14.1	14.8	11.0	12.4	13.8	13.1	13.6	22.0
24.0																				9.1	10.5	11.9	12.2	11.7	24.0
26.0																				7.6	8.9	10.3	11.4	10.1	26.0
28.0																				6.4	7.7	9.1	10.2	8.8	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
% 2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
% 3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
% 4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
% 5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	47.8	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	44.6	46.3	31.8	25.5	39.8	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	40.4	42.3	30.2	24.1	37.7	30.9	24.7	23.9	32.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	34.7	36.5	28.7	22.8	35.7	29.5	23.5	22.5	31.9	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	26.6	28.3	26.0	20.5	27.6	27.0	21.3	20.2	27.6	21.8	20.5	25.1	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	21.1	22.7	23.7	18.7	22.0	23.6	19.6	18.3	22.0	20.1	18.8	22.4	20.4	18.4	20.2	17.8	17.6	15.5						16.0
18.0	15.0	17.1	18.7	20.0	17.1	18.0	19.5	18.0	16.7	18.0	18.6	17.3	18.3	18.9	17.0	18.8	17.0	16.8	15.5						18.0
20.0	13.5	14.1	15.6	16.9	15.8	14.9	16.4	16.8	15.4	15.0	16.8	16.0	15.3	16.2	15.7	15.7	15.9	15.8	14.7						20.0
22.0	12.2	11.7	13.2	14.5	14.6	12.6	14.0	14.9	14.2	12.6	14.4	14.8	12.9	13.8	14.5	13.3	14.2	13.7	13.8						22.0
24.0	11.1	9.9	11.3	12.6	13.2	10.7	12.0	12.9	13.0	10.7	12.4	13.0	10.9	11.9	12.6	11.4	12.3	11.8	11.9						24.0
26.0	10.2	8.3	9.7	11.0	11.6	9.1	10.4	11.3	11.4	9.1	10.8	11.4	9.4	10.3	11.0	9.8	10.7	10.2	10.3						26.0
28.0	9.1	7.0	8.4	9.6	10.3	7.8	9.1	9.9	10.1	7.8	9.4	10.0	8.0	8.9	9.7	8.4	9.3	8.9	9.0						28.0
30.0		6.0	7.3	8.5	9.1	6.7	8.0	8.8	9.0	6.7	8.3	8.9	6.9	7.8	8.5	7.3	8.2	7.7	7.9						30.0
32.0		5.1	6.4	7.6	8.2	5.8	7.0	7.8	8.0	5.7	7.3	7.9	6.0	6.8	7.6	6.3	7.2	6.7	6.9						32.0
34.0						5.0	6.2	7.0	7.2	4.9	6.5	7.0	5.1	6.0	6.7	5.5	6.4	5.9	6.0						34.0
36.0						4.3	5.5	6.3	6.5	4.1	5.8	6.3	4.4	5.2	6.0	4.8	5.6	5.2	5.3						36.0
38.0										3.5	5.1	5.6	3.7	4.6	5.3	4.1	5.0	4.5	4.6						38.0
40.0										2.9	4.6	5.1	3.1	4.0	4.7	3.5	4.4	3.9	4.0						40.0
42.0													2.6	3.5	4.2	2.9	3.9	3.4	3.5						42.0
44.0													2.1	3.0	3.8	2.4	3.4	2.9	3.0						44.0
46.0																2.0	2.9	2.4	2.5						46.0
48.0																1.6	2.6	2.0	2.1						48.0
50.0																		1.7	1.7						50.0
52.0																		1.3	1.4						52.0
54.0																		1.1	1.1						54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
% 2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
% 3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
% 4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
% 5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	8~83.5	9~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		36.0 t	9.0m x 5.6m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	115.4																								5.0
	6.0	97.1																								6.0
	7.0	82.2																								7.0
	8.0	71.0																								8.0
	9.0	62.3																								9.0
	10.0	54.8																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
m	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
%	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	152.5																								2.7
3.0	141.6	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	126.0	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	113.1	112.7	113.5	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	102.3	101.8	102.6	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	93.1	92.6	93.4	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	78.3	77.8	78.6	78.3	52.9	78.2	79.5	66.1	56.8	37.8	77.3	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	65.8	65.0	66.2	68.1	48.9	65.6	67.5	60.2	51.9	34.5	64.1	66.3	49.4	38.2	28.7	66.9	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	51.5	50.7	51.9	53.6	45.6	51.3	53.0	53.4	47.8	31.8	50.0	51.9	44.8	34.6	26.1	52.4	54.4	51.6	32.8	51.7	53.7	53.5	28.4	33.8	8.0
9.0	41.9	41.1	42.2	43.8	42.7	41.7	43.2	43.6	44.3	29.4	40.4	42.2	40.9	31.6	23.9	42.7	44.5	46.0	30.3	42.0	43.9	45.7	26.4	31.3	9.0
10.0	35.0	34.1	35.1	36.7	37.4	34.7	36.1	36.5	38.5	27.4	33.5	35.2	36.6	29.1	22.0	35.6	37.3	38.8	28.2	35.0	36.7	38.5	24.6	29.1	10.0
11.0		28.9	29.8	31.3	32.0	29.4	30.8	31.1	33.0	25.7	28.2	29.9	31.2	26.9	20.4	30.3	31.9	33.3	26.3	29.7	31.4	33.1	23.0	27.2	11.0
12.0		24.8	25.7	27.1	27.7	25.2	26.6	26.9	28.8	24.1	24.1	25.7	27.0	25.0	19.0	26.1	27.7	29.0	24.7	25.5	27.1	28.8	21.6	25.6	12.0
14.0		18.8	19.7	21.0	21.6	19.2	20.5	20.8	22.5	21.6	18.2	19.6	20.9	21.9	16.8	20.0	21.5	22.8	22.0	19.5	21.0	22.5	19.1	22.3	14.0
16.0						15.0	16.3	16.6	18.2	18.4	14.0	15.4	16.6	17.7	15.0	15.8	17.2	18.4	19.2	15.2	16.7	18.2	17.2	18.0	16.0
18.0						12.0	13.2	13.5	15.1	15.2	11.0	12.4	13.5	14.5	13.5	12.7	14.0	15.2	16.0	12.1	13.5	15.0	15.6	14.8	18.0
20.0																10.3	11.6	12.8	13.5	9.8	11.1	12.5	13.7	12.3	20.0
22.0																8.4	9.8	10.9	11.6	7.9	9.2	10.6	11.8	10.4	22.0
24.0																				6.4	7.7	9.1	10.2	8.9	24.0
26.0																				5.2	6.5	7.8	8.9	7.6	26.0
28.0																				4.1	5.5	6.8	7.9	6.5	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	43.1	45.0	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	36.0	37.8	31.8	25.5	37.1	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	30.6	32.4	30.2	24.1	31.7	30.9	24.7	23.9	31.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	26.5	28.2	28.7	22.8	27.4	29.1	23.5	22.5	27.5	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	20.3	21.9	23.4	20.5	21.2	22.8	21.3	20.2	21.3	21.8	20.5	21.6	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	16.1	17.6	19.0	18.7	16.9	18.4	19.3	18.3	17.0	18.8	18.8	17.3	18.3	18.4	17.8	17.8	17.6	15.5						16.0
18.0	15.0	12.9	14.4	15.7	16.4	13.8	15.2	16.1	16.3	13.8	15.6	16.2	14.1	15.0	15.8	14.6	15.5	15.0	15.1						18.0
20.0	12.6	10.5	12.0	13.3	13.9	11.3	12.7	13.6	13.8	11.4	13.1	13.7	11.6	12.6	13.4	12.1	13.0	12.5	12.7						20.0
22.0	10.7	8.6	10.0	11.3	11.9	9.4	10.8	11.6	11.8	9.4	11.2	11.7	9.7	10.6	11.4	10.1	11.0	10.6	10.7						22.0
24.0	9.1	7.1	8.5	9.7	10.3	7.9	9.2	10.0	10.2	7.9	9.6	10.1	8.1	9.0	9.8	8.6	9.4	9.0	9.1						24.0
26.0	7.8	5.8	7.2	8.4	9.0	6.6	7.9	8.7	8.9	6.6	8.2	8.8	6.8	7.7	8.5	7.3	8.1	7.7	7.8						26.0
28.0	6.8	4.8	6.1	7.3	7.9	5.5	6.8	7.6	7.8	5.5	7.1	7.7	5.8	6.6	7.4	6.2	7.0	6.6	6.7						28.0
30.0		3.9	5.2	6.4	7.0	4.6	5.9	6.7	6.8	4.6	6.2	6.7	4.8	5.7	6.4	5.2	6.1	5.6	5.8						30.0
32.0		3.1	4.5	5.7	6.2	3.8	5.1	5.9	6.0	3.8	5.4	5.9	4.0	4.9	5.6	4.4	5.3	4.8	4.9						32.0
34.0						3.1	4.4	5.2	5.3	3.1	4.7	5.2	3.3	4.2	4.9	3.7	4.6	4.1	4.2						34.0
36.0						2.5	3.8	4.6	4.8	2.4	4.1	4.6	2.7	3.6	4.3	3.1	4.0	3.5	3.6						36.0
38.0										1.9	3.5	4.1	2.1	3.0	3.7	2.5	3.4	2.9	3.0						38.0
40.0										1.4	3.1	3.6	1.6	2.5	3.3	2.0	2.9	2.4	2.5						40.0
42.0													1.1	2.0	2.8	1.5	2.4	1.9	2.0						42.0
44.0														1.6	2.4	1.1	2.0	1.5	1.6						44.0
46.0																	1.6	1.1	1.2						46.0
48.0																	1.3								48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	13~83.5	25~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		24.0 t	9.0m x 8.3m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	110.8																								5.0
	6.0	91.1																								6.0
	7.0	77.0																								7.0
	8.0	66.2																								8.0
	9.0	53.6																								9.0
	10.0	44.2																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
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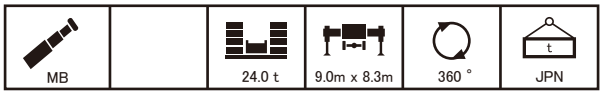
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	161.3																								2.7
3.0	151.1	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	135.6	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	122.5	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	111.4	110.9	111.7	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	101.8	101.4	102.2	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	86.3	85.8	86.6	78.3	52.9	86.3	87.4	66.1	56.8	37.8	85.3	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	74.3	73.8	74.6	71.5	48.9	74.2	75.5	60.2	51.9	34.5	73.3	66.3	49.4	38.2	28.7	75.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	62.5	61.7	62.8	64.5	45.6	62.3	63.9	55.3	47.8	31.8	61.0	60.1	44.8	34.6	26.1	63.4	65.2	51.6	32.8	58.1	56.7	53.5	28.4	33.8	8.0
9.0	51.6	50.8	51.8	53.4	42.7	51.3	52.8	51.2	44.3	29.4	50.1	51.8	40.9	31.6	23.9	52.3	54.0	48.2	30.3	51.7	53.5	50.8	26.4	31.3	9.0
10.0	43.6	42.8	43.7	45.2	40.2	43.3	44.7	45.1	41.3	27.4	42.1	43.8	37.6	29.1	22.0	44.2	45.9	45.2	28.2	43.6	45.3	47.0	24.6	29.1	10.0
11.0		35.9	37.0	38.6	38.1	36.5	38.0	38.4	38.7	25.7	35.2	37.0	34.8	26.9	20.4	37.5	39.2	40.8	26.3	36.8	38.6	40.5	23.0	27.2	11.0
12.0		30.7	31.7	33.2	33.9	31.2	32.6	33.0	35.0	24.1	30.0	31.7	32.3	25.0	19.0	32.1	33.8	35.3	24.7	31.5	33.2	35.0	21.6	25.6	12.0
14.0		23.2	24.1	25.6	26.1	23.6	25.0	25.3	27.1	21.6	22.5	24.1	25.4	21.9	16.8	24.5	26.0	27.4	22.0	23.9	25.5	27.1	19.1	22.8	14.0
16.0						18.5	19.8	20.1	21.8	19.6	17.4	18.9	20.2	19.5	15.0	19.3	20.8	22.1	19.9	18.7	20.2	21.8	17.2	20.5	16.0
18.0						14.8	16.1	16.4	18.0	18.0	13.8	15.2	16.4	17.5	13.5	15.5	17.0	18.2	18.1	15.0	16.5	18.0	15.6	17.8	18.0
20.0																12.7	14.1	15.3	16.1	12.2	13.6	15.0	14.2	14.9	20.0
22.0																10.5	11.9	13.1	13.8	9.9	11.3	12.8	13.1	12.6	22.0
24.0																				8.1	9.5	11.0	12.1	10.7	24.0
26.0																				6.6	8.0	9.4	10.6	9.2	26.0
28.0																				5.5	6.8	8.3	9.4	8.0	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
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58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	47.8	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	44.6	46.3	31.8	25.5	39.8	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	37.9	39.8	30.2	24.1	37.7	30.9	24.7	23.9	32.7	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	32.5	34.3	28.7	22.8	33.5	29.5	23.5	22.5	31.9	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	24.8	26.5	26.0	20.5	25.8	27.0	21.3	20.2	25.8	21.8	20.5	25.1	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	19.6	21.2	22.6	18.7	20.5	22.1	19.6	18.3	20.5	20.1	18.8	20.9	20.4	18.4	20.2	17.8	17.6	15.5						16.0
18.0	15.0	15.8	17.4	18.7	17.1	16.7	18.2	18.0	16.7	16.7	18.6	17.3	17.0	18.0	17.0	17.5	17.0	16.8	15.5						18.0
20.0	13.5	13.0	14.5	15.8	15.8	13.8	15.2	16.2	15.4	13.8	15.7	16.0	14.1	15.1	15.7	14.6	15.5	15.0	14.7						20.0
22.0	12.2	10.7	12.2	13.5	14.2	11.6	12.9	13.8	14.0	11.6	13.3	13.9	11.9	12.8	13.6	12.3	13.2	12.7	12.9						22.0
24.0	11.0	8.9	10.3	11.6	12.3	9.7	11.1	12.0	12.1	9.7	11.5	12.1	10.0	10.9	11.7	10.4	11.4	10.9	11.0						24.0
26.0	9.5	7.4	8.8	10.1	10.8	8.2	9.5	10.4	10.6	8.2	9.9	10.5	8.4	9.4	10.2	8.9	9.8	9.3	9.4						26.0
28.0	8.2	6.1	7.6	8.8	9.4	6.9	8.2	9.1	9.3	6.9	8.6	9.2	7.2	8.1	8.8	7.6	8.5	8.0	8.1						28.0
30.0		5.1	6.5	7.7	8.4	5.9	7.1	8.0	8.2	5.8	7.5	8.1	6.1	7.0	7.7	6.5	7.4	6.9	7.0						30.0
32.0		4.3	5.6	6.9	7.5	5.0	6.2	7.1	7.2	4.9	6.6	7.1	5.2	6.0	6.8	5.6	6.4	6.0	6.1						32.0
34.0						4.2	5.4	6.3	6.4	4.1	5.8	6.3	4.4	5.2	6.0	4.8	5.6	5.2	5.3						34.0
36.0						3.5	4.8	5.6	5.8	3.4	5.1	5.6	3.6	4.5	5.3	4.1	4.9	4.5	4.6						36.0
38.0										2.8	4.4	5.0	3.0	3.9	4.6	3.4	4.3	3.8	3.9						38.0
40.0										2.3	3.9	4.5	2.4	3.3	4.1	2.8	3.7	3.3	3.4						40.0
42.0													1.9	2.8	3.6	2.3	3.3	2.7	2.8						42.0
44.0													1.5	2.4	3.2	1.8	2.8	2.3	2.4						44.0
46.0																1.4	2.4	1.8	1.9						46.0
48.0																	2.0	1.5	1.5						48.0
50.0																		1.1	1.2						50.0
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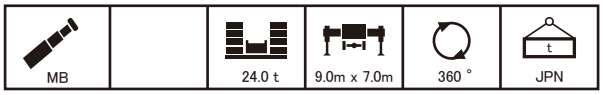
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	6~83.5	5~83.5	3~83.5	7~83.5	5~83.5	8~83.5	12~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		24.0 t	9.0m x 7.0m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	110.8																								5.0
	6.0	91.1																								6.0
	7.0	77.0																								7.0
	8.0	66.2																								8.0
	9.0	53.6																								9.0
	10.0	44.2																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
%	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	155.4																								2.7
3.0	144.6	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	129.1	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	116.2	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	105.3	104.8	105.6	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	95.9	95.4	96.2	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	80.9	80.3	81.2	78.3	52.9	80.8	82.0	66.1	56.8	37.8	79.8	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	69.3	68.8	69.6	70.9	48.9	69.2	70.4	60.2	51.9	34.5	68.2	66.3	49.4	38.2	28.7	70.0	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	55.9	55.0	56.3	58.3	45.6	55.7	57.6	55.3	47.8	31.8	54.1	56.4	44.8	34.6	26.1	57.0	59.2	51.6	32.8	56.1	56.7	53.5	28.4	33.8	8.0
9.0	44.3	43.3	44.5	46.4	42.7	44.0	45.7	46.2	44.3	29.4	42.6	44.6	40.9	31.6	23.9	45.1	47.1	48.2	30.3	44.4	46.5	48.6	26.4	31.3	9.0
10.0	36.2	35.3	36.4	38.1	38.9	35.9	37.5	37.9	40.1	27.4	34.6	36.4	37.6	29.1	22.0	36.9	38.8	40.4	28.2	36.2	38.2	40.2	24.6	29.1	10.0
11.0		29.4	30.5	32.0	32.8	29.9	31.5	31.9	33.9	25.7	28.7	30.5	32.0	26.9	20.4	30.9	32.7	34.2	26.3	30.3	32.1	34.0	23.0	27.2	11.0
12.0		24.9	25.9	27.4	28.1	25.4	26.9	27.2	29.2	24.1	24.2	25.9	27.3	25.0	19.0	26.3	28.0	29.5	24.7	25.7	27.5	29.2	21.6	25.6	12.0
14.0		18.5	19.4	20.9	21.5	18.9	20.3	20.6	22.5	21.6	17.8	19.4	20.7	21.9	16.8	19.8	21.4	22.7	22.0	19.2	20.8	22.5	19.1	22.3	14.0
16.0						14.6	15.9	16.2	17.9	18.1	13.5	15.0	16.3	17.4	15.0	15.3	16.8	18.1	19.0	14.8	16.3	17.9	17.2	17.7	16.0
18.0						11.4	12.7	13.0	14.7	14.8	10.4	11.8	13.0	14.1	13.5	12.1	13.6	14.8	15.6	11.6	13.1	14.6	15.6	14.4	18.0
20.0																9.7	11.1	12.3	13.1	9.2	10.6	12.1	13.3	11.9	20.0
22.0																7.9	9.3	10.4	11.1	7.3	8.7	10.1	11.3	9.9	22.0
24.0																				5.8	7.2	8.6	9.7	8.4	24.0
26.0																				4.6	5.9	7.3	8.4	7.1	26.0
28.0																				3.6	5.0	6.3	7.4	6.1	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
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60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	45.6	46.3	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	37.4	39.4	31.8	25.5	38.5	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	31.3	33.3	30.2	24.1	32.4	30.9	24.7	23.9	32.5	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	26.7	28.6	28.7	22.8	27.8	29.5	23.5	22.5	27.8	23.8	22.5	26.8	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	20.1	21.8	23.4	20.5	21.1	22.7	21.3	20.2	21.1	21.8	20.5	21.5	21.6	19.5	21.6	18.7	18.3	15.5						14.0
16.0	16.9	15.7	17.3	18.7	18.7	16.6	18.1	19.1	18.3	16.6	18.6	18.8	16.9	18.0	18.4	17.4	17.8	17.6	15.5						16.0
18.0	14.7	12.4	14.0	15.4	16.1	13.3	14.8	15.7	15.9	13.3	15.2	15.8	13.6	14.6	15.5	14.1	15.1	14.6	14.8						18.0
20.0	12.2	10.0	11.5	12.8	13.5	10.8	12.3	13.2	13.4	10.9	12.7	13.3	11.1	12.1	12.9	11.6	12.6	12.1	12.2						20.0
22.0	10.2	8.1	9.5	10.8	11.5	8.9	10.3	11.2	11.3	8.9	10.7	11.3	9.2	10.1	10.9	9.6	10.6	10.1	10.2						22.0
24.0	8.6	6.6	8.0	9.2	9.9	7.4	8.7	9.6	9.7	7.4	9.1	9.7	7.6	8.5	9.3	8.1	9.0	8.5	8.6						24.0
26.0	7.4	5.3	6.7	7.9	8.6	6.1	7.4	8.3	8.4	6.1	7.8	8.3	6.3	7.2	8.0	6.8	7.7	7.2	7.3						26.0
28.0	6.3	4.3	5.6	6.9	7.5	5.0	6.3	7.2	7.3	5.0	6.7	7.2	5.3	6.1	6.9	5.7	6.6	6.1	6.2						28.0
30.0		3.4	4.8	6.0	6.6	4.1	5.4	6.2	6.4	4.1	5.7	6.3	4.4	5.2	6.0	4.8	5.6	5.2	5.3						30.0
32.0		2.6	4.1	5.2	5.8	3.4	4.6	5.5	5.6	3.3	5.0	5.5	3.6	4.4	5.2	4.0	4.8	4.4	4.5						32.0
34.0						2.7	3.9	4.8	4.9	2.6	4.3	4.8	2.9	3.7	4.5	3.3	4.1	3.7	3.8						34.0
36.0						2.1	3.4	4.2	4.4	2.0	3.7	4.2	2.2	3.1	3.9	2.7	3.5	3.1	3.2						36.0
38.0										1.5	3.1	3.7	1.7	2.6	3.3	2.1	3.0	2.5	2.6						38.0
40.0											2.7	3.2	1.2	2.1	2.9	1.6	2.5	2.0	2.1						40.0
42.0														1.6	2.4	1.1	2.1	1.6	1.7						42.0
44.0														1.3	2.1		1.7	1.2							44.0
46.0																	1.3								46.0
48.0																									48.0
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58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	5~83.5	0~83.5	0~83.5	12~83.5	5~83.5	3~83.5	20~83.5	5~83.5	24~83.5	32~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		24.0 t	9.0m x 5.6m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	132.3																								4.0
	4.5	123.3																								4.5
	5.0	110.8																								5.0
	6.0	91.1																								6.0
	7.0	77.0																								7.0
	8.0	66.2																								8.0
	9.0	53.6																								9.0
	10.0	44.2																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
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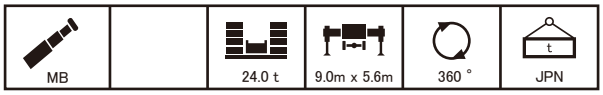
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	146.0																								2.7
3.0	135.3	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	120.0	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	107.3	106.9	107.7	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	96.7	96.2	97.1	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	87.8	87.2	88.1	86.5	57.6	87.7	88.9	73.2	61.4	41.8	86.7	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	69.9	68.9	70.4	72.6	52.9	69.7	71.9	66.1	56.8	37.8	68.0	70.5	55.1	42.5	31.8	71.1	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	51.2	50.4	51.6	53.5	48.9	51.0	52.9	53.3	51.9	34.5	49.5	51.7	49.4	38.2	28.7	52.3	54.4	55.6	35.7	51.5	53.7	53.8	30.7	36.8	7.0
8.0	39.7	38.9	40.1	41.8	42.6	39.6	41.2	41.6	43.9	31.8	38.2	40.1	41.7	34.6	26.1	40.6	42.6	44.2	32.8	39.9	41.9	44.0	28.4	33.8	8.0
9.0	32.0	31.2	32.3	33.9	34.6	31.8	33.3	33.7	35.8	29.4	30.5	32.3	33.8	31.6	23.9	32.8	34.6	36.1	30.3	32.1	34.0	35.9	26.4	31.3	9.0
10.0	26.5	25.6	26.6	28.1	28.8	26.1	27.6	28.0	30.0	27.4	24.9	26.6	28.1	29.1	22.0	27.1	28.8	30.2	28.2	26.5	28.2	30.0	24.6	29.1	10.0
11.0		21.4	22.4	23.8	24.5	21.9	23.3	23.6	25.5	25.7	20.8	22.4	23.7	25.0	20.4	22.8	24.4	25.8	26.3	22.2	23.9	25.6	23.0	25.4	11.0
12.0		18.1	19.0	20.5	21.1	18.6	19.9	20.3	22.1	22.4	17.5	19.0	20.4	21.5	19.0	19.4	21.0	22.3	23.2	18.9	20.5	22.1	21.6	21.9	12.0
14.0		13.3	14.2	15.6	16.1	13.7	15.0	15.3	17.0	17.3	12.7	14.2	15.4	16.5	16.8	14.5	16.0	17.3	18.1	14.0	15.5	17.0	18.4	16.9	14.0
16.0						10.4	11.6	11.9	13.6	13.8	9.4	10.8	12.0	13.0	13.9	11.1	12.5	13.8	14.6	10.6	12.0	13.5	14.8	13.3	16.0
18.0						7.9	9.1	9.4	11.0	11.2	6.9	8.3	9.5	10.5	11.3	8.6	10.0	11.2	11.9	8.1	9.5	10.9	12.2	10.8	18.0
20.0																6.7	8.1	9.2	9.9	6.2	7.6	9.0	10.1	8.8	20.0
22.0																5.2	6.6	7.7	8.4	4.7	6.0	7.4	8.6	7.2	22.0
24.0																				3.5	4.8	6.2	7.3	6.0	24.0
26.0																				2.5	3.8	5.2	6.2	4.9	26.0
28.0																				1.6	3.0	4.4	5.4	4.1	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
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60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	52.8	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	41.1	43.2	34.1	29.0	42.3	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	33.2	35.1	33.7	27.2	34.3	33.2	26.1	26.7	34.4	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	27.5	29.3	31.0	25.5	28.5	30.3	26.0	25.4	28.6	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	23.2	24.9	26.5	24.1	24.2	25.9	24.7	23.9	24.2	24.6	23.0	24.6	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	19.8	21.5	23.0	22.8	20.8	22.4	23.4	22.5	20.8	22.9	22.5	21.2	22.3	20.3	21.7	18.7	18.3	15.5						12.0
14.0	17.2	14.9	16.5	17.9	18.6	15.8	17.3	18.3	18.5	15.8	17.8	18.4	16.1	17.2	18.0	16.6	17.6	17.1	15.5						14.0
16.0	13.7	11.4	12.9	14.3	15.0	12.3	13.8	14.7	14.9	12.3	14.2	14.8	12.6	13.6	14.4	13.1	14.1	13.6	13.7						16.0
18.0	11.1	8.9	10.4	11.7	12.4	9.7	11.1	12.1	12.2	9.8	11.6	12.2	10.1	11.0	11.8	10.5	11.4	11.0	11.1						18.0
20.0	9.1	7.0	8.4	9.7	10.3	7.8	9.1	10.0	10.2	7.8	9.5	10.1	8.1	9.0	9.8	8.5	9.4	9.0	9.1						20.0
22.0	7.5	5.4	6.8	8.1	8.7	6.2	7.6	8.4	8.6	6.2	8.0	8.5	6.5	7.4	8.2	7.0	7.8	7.4	7.5						22.0
24.0	6.2	4.2	5.6	6.8	7.4	5.0	6.3	7.1	7.3	5.0	6.7	7.2	5.2	6.1	6.9	5.7	6.6	6.1	6.2						24.0
26.0	5.2	3.2	4.6	5.8	6.4	4.0	5.2	6.1	6.2	4.0	5.6	6.1	4.2	5.1	5.8	4.6	5.5	5.0	5.2						26.0
28.0	4.3	2.3	3.7	4.9	5.5	3.1	4.4	5.2	5.3	3.1	4.7	5.2	3.3	4.2	4.9	3.7	4.6	4.1	4.3						28.0
30.0		1.6	3.0	4.2	4.8	2.4	3.6	4.4	4.6	2.3	3.9	4.5	2.6	3.4	4.2	3.0	3.8	3.4	3.5						30.0
32.0			2.4	3.6	4.1	1.7	3.0	3.8	3.9	1.7	3.3	3.8	1.9	2.8	3.5	2.3	3.2	2.7	2.8						32.0
34.0						1.1	2.4	3.2	3.4		2.7	3.3		2.2	2.9	1.7	2.6	2.2	2.3						34.0
36.0							1.9	2.8	2.9		2.2	2.8		1.7	2.4		2.1								36.0
38.0											1.8	2.3		1.2	2.0		1.6								38.0
40.0											1.4	2.0			1.6		1.2								40.0
42.0															1.2										42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
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60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	24~83.5	0~83.5	0~83.5	34~83.5	17~83.5	3~83.5	40~83.5	22~83.5	43~83.5	48~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		12.0 t	9.0m x 8.3m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	131.4																								4.0
	4.5	116.0																								4.5
	5.0	103.6																								5.0
	6.0	85.1																								6.0
	7.0	68.4																								7.0
	8.0	51.9																								8.0
	9.0	41.0																								9.0
	10.0	33.5																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
m	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
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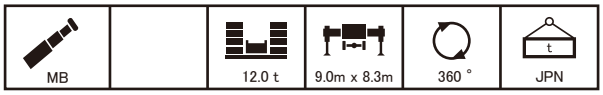
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	156.7																								2.7
3.0	146.0	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	130.6	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	117.6	114.0	114.0	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	106.6	106.1	106.9	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	97.2	96.7	97.5	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	81.9	81.4	82.2	78.3	52.9	81.8	83.0	66.1	56.8	37.8	80.8	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	65.1	64.3	65.5	67.4	48.9	65.0	66.8	60.2	51.9	34.5	63.6	65.6	49.4	38.2	28.7	66.1	68.1	55.6	35.7	63.0	56.7	53.8	30.7	36.8	7.0
8.0	51.7	50.8	52.0	53.6	45.6	51.5	53.1	53.5	47.8	31.8	50.0	52.0	44.8	34.6	26.1	52.5	54.4	51.6	32.8	51.9	53.8	53.5	28.4	33.8	8.0
9.0	40.9	39.9	41.2	43.0	42.7	40.6	42.4	42.8	44.3	29.4	39.2	41.2	40.9	31.6	23.9	41.7	43.8	45.5	30.3	41.0	43.1	45.2	26.4	31.3	9.0
10.0	33.4	32.4	33.5	35.2	36.0	33.0	34.6	35.0	37.2	27.4	31.7	33.6	35.2	29.1	22.0	34.1	35.9	37.6	28.2	33.4	35.3	37.3	24.6	29.1	10.0
11.0		26.9	28.0	29.6	30.3	27.5	29.0	29.4	31.4	25.7	26.2	28.0	29.5	26.9	20.4	28.4	30.2	31.7	26.3	27.8	29.6	31.5	23.0	27.2	11.0
12.0		22.7	23.7	25.2	25.9	23.2	24.7	25.0	27.0	24.1	22.0	23.7	25.1	25.0	19.0	24.2	25.8	27.3	24.7	23.5	25.3	27.0	21.6	25.6	12.0
14.0		16.5	17.5	19.0	19.6	16.9	18.4	18.8	20.7	21.0	15.8	17.4	18.8	20.1	16.8	17.8	19.5	20.9	21.8	17.2	18.9	20.7	19.1	20.5	14.0
16.0						12.7	14.0	14.4	16.2	16.4	11.5	13.1	14.4	15.6	15.0	13.5	15.1	16.4	17.3	12.9	14.5	16.2	17.2	16.0	16.0
18.0						9.6	11.0	11.3	13.0	13.2	8.6	10.1	11.3	12.5	13.3	10.4	11.9	13.2	14.0	9.8	11.4	12.9	14.3	12.7	18.0
20.0																8.1	9.6	10.8	11.6	7.5	9.0	10.5	11.8	10.3	20.0
22.0																6.4	7.8	9.0	9.7	5.8	7.2	8.7	9.9	8.5	22.0
24.0																				4.4	5.8	7.2	8.4	7.0	24.0
26.0																				3.3	4.6	6.1	7.2	5.8	26.0
28.0																				2.4	3.8	5.2	6.3	4.9	28.0
30.0																									30.0
32.0																									32.0
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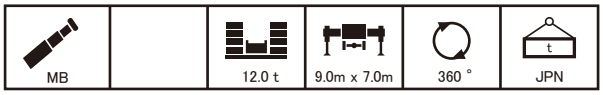
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	51.3	46.3	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	42.2	44.4	33.7	27.2	42.0	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	34.5	36.5	31.8	25.5	35.7	32.1	26.0	25.4	34.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	28.9	30.8	30.2	24.1	30.0	30.9	24.7	23.9	30.0	24.6	23.0	27.7	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	22.1	24.5	26.4	28.0	22.8	25.6	27.3	23.5	22.5	25.6	23.8	22.5	26.0	23.3	20.3	22.3	18.7	18.3	15.5						12.0
14.0	19.2	18.2	20.0	21.6	20.5	19.3	21.0	21.3	20.2	19.3	21.5	20.5	19.7	20.8	19.5	20.2	18.7	18.3	15.5						14.0
16.0	16.3	13.8	15.5	17.0	17.8	14.8	16.4	17.5	17.7	14.8	16.9	17.6	15.2	16.3	17.2	15.7	16.8	16.2	15.5						16.0
18.0	13.1	10.7	12.3	13.8	14.5	11.6	13.2	14.2	14.3	11.7	13.6	14.3	12.0	13.0	13.9	12.5	13.5	13.0	13.1						18.0
20.0	10.7	8.4	9.9	11.3	12.0	9.3	10.7	11.7	11.9	9.3	11.2	11.8	9.6	10.6	11.4	10.1	11.1	10.5	10.7						20.0
22.0	8.8	6.6	8.1	9.4	10.1	7.4	8.9	9.8	10.0	7.4	9.3	9.9	7.7	8.7	9.5	8.2	9.2	8.7	8.8						22.0
24.0	7.3	5.2	6.6	7.9	8.6	6.0	7.4	8.3	8.4	6.0	7.8	8.4	6.3	7.2	8.0	6.7	7.7	7.2	7.3						24.0
26.0	6.1	4.0	5.4	6.7	7.4	4.8	6.1	7.0	7.2	4.8	6.5	7.1	5.1	6.0	6.8	5.5	6.4	5.9	6.1						26.0
28.0	5.1	3.0	4.5	5.7	6.4	3.8	5.1	6.0	6.2	3.8	5.5	6.1	4.1	5.0	5.7	4.5	5.4	4.9	5.0						28.0
30.0		2.2	3.6	4.9	5.5	3.0	4.3	5.2	5.3	3.0	4.7	5.2	3.2	4.1	4.9	3.6	4.5	4.1	4.2						30.0
32.0		1.5	3.0	4.2	4.8	2.3	3.6	4.4	4.6	2.3	3.9	4.5	2.5	3.4	4.1	2.9	3.8	3.3	3.4						32.0
34.0						1.7	3.0	3.8	4.0	1.6	3.3	3.8	1.9	2.8	3.5	2.3	3.2	2.7	2.8						34.0
36.0						1.1	2.4	3.3	3.4		2.7	3.3		2.2	2.9	1.7	2.6	2.1	2.2						36.0
38.0											2.3	2.8		1.7	2.5		2.1	1.6							38.0
40.0											1.8	2.4		1.2	2.0		1.7								40.0
42.0															1.6		1.3								42.0
44.0															1.3										44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	3~83.5	0~83.5	0~83.5	0~83.5	18~83.5	0~83.5	0~83.5	30~83.5	5~83.5	3~83.5	37~83.5	15~83.5	40~83.5	45~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		12.0 t	9.0m x 7.0m	0 °	JPN

m		13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	131.4																								4.0
	4.5	116.0																								4.5
	5.0	103.6																								5.0
	6.0	85.1																								6.0
	7.0	68.4																								7.0
	8.0	51.9																								8.0
	9.0	41.0																								9.0
	10.0	33.5																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
t		42.0																								t
[DEG]		0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	149.5																								2.7
3.0	138.8	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	123.5	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	110.7	110.2	111.1	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	99.9	99.4	100.3	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	90.8	90.2	91.1	86.5	57.6	90.7	91.0	73.2	61.4	41.8	89.7	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	76.0	75.5	76.3	77.6	52.9	75.9	77.2	66.1	56.8	37.8	74.9	73.9	55.1	42.5	31.8	75.0	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	55.0	53.9	55.5	57.7	48.9	54.8	57.0	57.5	51.9	34.5	53.0	55.5	49.4	38.2	28.7	56.2	58.8	55.6	35.7	55.3	56.7	53.8	30.7	36.8	7.0
8.0	40.9	39.9	41.3	43.3	44.2	40.7	42.6	43.1	45.7	31.8	39.1	41.3	43.2	34.6	26.1	41.9	44.1	46.1	32.8	41.1	43.4	45.8	28.4	33.8	8.0
9.0	31.9	31.0	32.2	34.0	34.9	31.7	33.4	33.9	36.2	29.4	30.3	32.3	34.0	31.6	23.9	32.8	34.8	36.6	30.3	32.1	34.2	36.3	26.4	31.3	9.0
10.0	25.8	24.9	26.0	27.7	28.4	25.5	27.1	27.5	29.7	27.4	24.1	26.0	27.6	29.0	22.0	26.5	28.4	30.0	28.2	25.8	27.8	29.7	24.6	29.1	10.0
11.0		20.4	21.4	23.0	23.7	20.9	22.5	22.8	24.9	25.2	19.7	21.4	22.9	24.3	20.4	21.9	23.7	25.2	26.2	21.2	23.1	24.9	23.0	24.7	11.0
12.0		16.9	17.9	19.5	20.1	17.4	18.9	19.3	21.2	21.5	16.2	17.9	19.4	20.6	19.0	18.4	20.1	21.5	22.5	17.7	19.5	21.3	21.6	21.1	12.0
14.0		12.0	13.0	14.4	15.0	12.5	13.9	14.2	16.0	16.3	11.4	13.0	14.3	15.5	16.4	13.3	14.9	16.3	17.2	12.8	14.4	16.0	17.4	15.8	14.0
16.0						9.1	10.4	10.8	12.5	12.7	8.1	9.6	10.8	11.9	12.8	9.9	11.4	12.7	13.5	9.4	10.9	12.5	13.8	12.3	16.0
18.0						6.7	8.0	8.3	10.0	10.2	5.7	7.2	8.4	9.4	10.3	7.5	8.9	10.1	10.9	6.9	8.4	9.9	11.2	9.7	18.0
20.0																5.6	7.0	8.2	9.0	5.1	6.5	8.0	9.2	7.8	20.0
22.0																4.2	5.6	6.7	7.5	3.6	5.0	6.5	7.7	6.3	22.0
24.0																				2.5	3.9	5.3	6.4	5.1	24.0
26.0																				1.5	2.9	4.3	5.4	4.1	26.0
28.0																					2.2	3.6	4.7	3.3	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
% 2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
% 3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
% 4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
% 5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	54.6	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	42.4	44.9	34.1	29.0	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	33.3	35.5	33.7	27.2	34.6	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	27.0	29.0	30.8	25.5	28.1	30.1	26.0	25.4	28.2	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	23.9	22.3	24.2	25.9	24.1	23.4	25.3	24.7	23.9	23.5	24.6	23.0	23.9	23.3	20.3	22.3	18.7	18.3	15.5						11.0
12.0	21.4	18.8	20.6	22.2	22.8	19.8	21.6	22.7	22.5	19.9	22.1	22.5	20.2	21.4	20.3	20.8	18.7	18.3	15.5						12.0
14.0	16.2	13.7	15.4	16.9	17.7	14.7	16.3	17.3	17.5	14.7	16.8	17.5	15.0	16.1	17.1	15.6	16.7	16.1	15.5						14.0
16.0	12.6	10.2	11.9	13.3	14.0	11.2	12.7	13.7	13.9	11.2	13.2	13.8	11.5	12.6	13.4	12.0	13.0	12.5	12.7						16.0
18.0	10.0	7.8	9.3	10.7	11.4	8.6	10.1	11.1	11.2	8.7	10.6	11.2	9.0	10.0	10.8	9.5	10.4	9.9	10.1						18.0
20.0	8.1	5.9	7.4	8.7	9.4	6.7	8.2	9.1	9.2	6.8	8.6	9.2	7.0	8.0	8.8	7.5	8.5	8.0	8.1						20.0
22.0	6.6	4.4	5.9	7.2	7.8	5.2	6.6	7.5	7.7	5.3	7.0	7.6	5.5	6.5	7.3	6.0	6.9	6.4	6.6						22.0
24.0	5.3	3.2	4.7	5.9	6.6	4.0	5.4	6.3	6.4	4.1	5.8	6.4	4.3	5.2	6.0	4.8	5.7	5.2	5.3						24.0
26.0	4.3	2.3	3.7	4.9	5.6	3.1	4.4	5.3	5.4	3.1	4.8	5.3	3.3	4.2	5.0	3.8	4.6	4.2	4.3						26.0
28.0	3.5	1.5	2.9	4.1	4.7	2.3	3.5	4.4	4.6	2.2	3.9	4.5	2.5	3.4	4.1	2.9	3.8	3.3	3.5						28.0
30.0			2.2	3.4	4.0	1.6	2.8	3.7	3.8		3.2	3.7		2.7	3.4	2.2	3.1	2.6	2.7						30.0
32.0			1.7	2.9	3.4		2.2	3.1	3.2		2.6	3.1		2.1	2.8		2.5								32.0
34.0							1.7	2.6	2.7		2.0	2.6		1.5	2.3		1.9								34.0
36.0							1.3	2.1	2.3		1.6	2.1			1.8										36.0
38.0											1.2	1.7			1.4										38.0
40.0												1.4													40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
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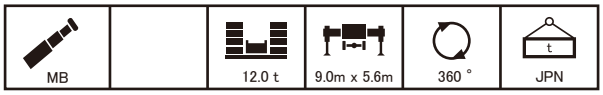
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
% 1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
% 2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
% 3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
% 4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
% 5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	13~83.5	0~83.5	0~83.5	0~83.5	19~83.5	0~83.5	0~83.5	0~83.5	37~83.5	0~83.5	0~83.5	45~83.5	32~83.5	12~83.5	49~83.5	36~83.5	51~83.5	55~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		12.0 t	9.0m x 5.6m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	131.4																								4.0
	4.5	116.0																								4.5
	5.0	103.6																								5.0
	6.0	85.1																								6.0
	7.0	68.4																								7.0
	8.0	51.9																								8.0
	9.0	41.0																								9.0
	10.0	33.5																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
m	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
	36.0																									36.0
	38.0																									38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
%	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	139.1																								2.7
3.0	128.5	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	113.4	113.0	113.8	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	101.1	100.6	101.4	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	90.7	90.2	91.1	91.3	60.4	90.7	91.0	77.3	64.0	44.1	89.7	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	77.7	76.6	78.4	81.2	57.6	77.6	80.3	73.2	61.4	41.8	75.4	78.5	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	50.7	49.8	51.3	53.5	52.9	50.6	52.7	53.3	56.2	37.8	48.9	51.3	53.4	42.5	31.8	52.0	54.5	56.6	39.1	51.1	53.7	53.8	33.5	40.3	6.0
7.0	36.6	35.8	37.1	39.0	39.9	36.5	38.3	38.8	41.3	34.5	35.0	37.1	38.9	38.2	28.7	37.7	39.8	41.7	35.7	36.9	39.1	41.4	30.7	36.8	7.0
8.0	28.0	27.2	28.3	30.0	30.9	27.8	29.5	29.9	32.1	31.8	26.4	28.3	30.0	31.5	26.1	28.9	30.8	32.5	32.8	28.2	30.2	32.2	28.4	32.0	8.0
9.0	22.1	21.3	22.4	24.0	24.7	21.9	23.4	23.8	25.9	26.3	20.6	22.4	23.9	25.3	23.9	22.9	24.7	26.2	27.3	22.2	24.1	26.0	26.4	25.8	9.0
10.0	18.0	17.1	18.1	19.6	20.3	17.6	19.1	19.5	21.5	21.8	16.5	18.1	19.6	20.9	21.9	18.6	20.3	21.7	22.7	18.0	19.7	21.5	23.0	21.3	10.0
11.0		13.9	14.9	16.4	17.0	14.4	15.8	16.2	18.1	18.4	13.3	14.9	16.3	17.5	18.5	15.3	17.0	18.3	19.3	14.7	16.4	18.1	19.6	17.9	11.0
12.0		11.4	12.4	13.8	14.4	11.9	13.3	13.6	15.4	15.7	10.8	12.4	13.7	14.9	15.8	12.8	14.4	15.7	16.6	12.2	13.8	15.5	16.9	15.3	12.0
14.0		7.8	8.7	10.1	10.6	8.3	9.6	9.9	11.6	11.8	7.2	8.7	9.9	11.1	11.9	9.1	10.5	11.8	12.6	8.5	10.0	11.6	12.9	11.4	14.0
16.0						5.7	7.0	7.3	8.9	9.1	4.7	6.2	7.3	8.4	9.2	6.5	7.9	9.1	9.9	6.0	7.4	8.9	10.2	8.7	16.0
18.0						3.9	5.1	5.4	7.0	7.2	2.9	4.3	5.5	6.5	7.3	4.6	6.0	7.1	7.9	4.1	5.5	6.9	8.1	6.7	18.0
20.0																3.2	4.5	5.7	6.4	2.6	4.0	5.4	6.6	5.2	20.0
22.0																2.1	3.4	4.5	5.2	1.5	2.8	4.2	5.4	4.0	22.0
24.0																					1.9	3.3	4.4	3.1	24.0
26.0																					1.2	2.5	3.6	2.3	26.0
28.0																						1.9	3.0	1.7	28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
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60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	30~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	52.6	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	38.2	40.5	34.1	31.1	39.6	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	29.3	31.4	33.3	29.0	30.5	32.6	26.1	26.7	30.6	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	26.2	23.3	25.3	27.0	27.2	24.5	26.3	26.1	26.7	24.5	25.3	23.0	24.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	21.7	19.0	20.8	22.5	23.3	20.1	21.8	23.0	23.1	20.1	22.4	23.0	20.5	21.7	20.3	21.1	18.7	18.3	15.5						10.0
11.0	18.3	15.7	17.5	19.0	19.9	16.7	18.4	19.5	19.7	16.8	18.9	19.6	17.1	18.3	19.2	17.7	18.7	18.2	15.5						11.0
12.0	15.6	13.1	14.8	16.3	17.1	14.1	15.7	16.8	17.0	14.2	16.2	16.9	14.5	15.6	16.5	15.0	16.1	15.5	15.5						12.0
14.0	11.7	9.4	11.0	12.4	13.2	10.3	11.8	12.8	13.0	10.3	12.3	12.9	10.7	11.7	12.6	11.2	12.2	11.6	11.8						14.0
16.0	9.0	6.8	8.3	9.7	10.4	7.7	9.1	10.1	10.2	7.7	9.6	10.2	8.0	9.0	9.8	8.5	9.4	8.9	9.1						16.0
18.0	7.0	4.9	6.3	7.7	8.3	5.7	7.1	8.0	8.2	5.7	7.5	8.1	6.0	7.0	7.8	6.5	7.4	6.9	7.1						18.0
20.0	5.5	3.4	4.8	6.1	6.8	4.2	5.6	6.5	6.6	4.2	6.0	6.6	4.5	5.4	6.2	5.0	5.9	5.4	5.5						20.0
22.0	4.3	2.3	3.7	4.9	5.6	3.0	4.4	5.2	5.4	3.1	4.8	5.3	3.3	4.2	5.0	3.8	4.7	4.2	4.3						22.0
24.0	3.3		2.7	3.9	4.6	2.1	3.4	4.3	4.4		3.8	4.3		3.3	4.0	2.8	3.7	3.2	3.3						24.0
26.0	2.6		1.9	3.1	3.7		2.6	3.4	3.6		3.0	3.5		2.4	3.2		2.8								26.0
28.0	1.9		1.3	2.5	3.1		1.9	2.8	2.9		2.3	2.8			2.5		2.2								28.0
30.0				1.9	2.5		1.4	2.2	2.3		1.7	2.2			1.9										30.0
32.0				1.5	2.0			1.7	1.8			1.7													32.0
34.0								1.3	1.4			1.3													34.0
36.0									1.1																36.0
38.0																									38.0
40.0																									40.0
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64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	38~83.5	0~83.5	0~83.5	0~83.5	41~83.5	17~83.5	0~83.5	0~83.5	51~83.5	26~83.5	0~83.5	56~83.5	48~83.5	37~83.5	59~83.5	50~83.5	60~83.5	63~83.5						[DEG]
	5	6	6	5	4	4	4	4	4	4	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		12.0 t	9.0m x 4.6m	0 °	JPN

	m	13.2																									m
	2.7	180.0																									2.7
	3.0	154.5																									3.0
	3.5	142.5																									3.5
	4.0	131.4																									4.0
	4.5	116.0																									4.5
	5.0	103.6																									5.0
	6.0	85.1																									6.0
	7.0	68.4																									7.0
	8.0	51.9																									8.0
	9.0	41.0																									9.0
	10.0	33.5																									10.0
	11.0																										11.0
	12.0																										12.0
	14.0																										14.0
	16.0																										16.0
	18.0																										18.0
	20.0																										20.0
	22.0																										22.0
	24.0																										24.0
	26.0																										26.0
m	28.0																										28.0
	30.0																										30.0
	32.0																										32.0
	34.0																										34.0
	36.0																										36.0
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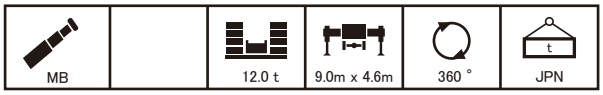
	68.0																										68.0
	1	0																									1
	2	0																									2
	3	0																									3
	4	0																									4
%	5	0																									5
	ID	1																									ID
	t	42.0																									t
	[DEG]	0~83.5																									[DEG]
		26																									
		125t×2																									



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	129.2																								2.7
3.0	118.8	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	104.2	103.7	104.6	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	89.5	88.3	90.3	93.3	63.4	89.4	91.0	81.8	66.8	46.7	87.1	90.4	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	67.2	66.2	67.9	70.4	60.4	67.1	69.6	70.2	64.0	44.1	65.1	67.9	66.3	51.1	38.0	68.7	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	53.1	52.2	53.7	56.0	57.1	53.1	55.2	55.8	58.8	41.8	51.3	53.8	55.9	47.9	35.7	54.5	57.0	59.2	43.3	53.6	56.2	53.8	36.2	43.2	5.0
6.0	36.5	35.6	36.9	38.8	39.8	36.3	38.2	38.6	41.2	37.8	34.8	37.0	38.8	40.4	31.8	37.6	39.7	41.5	39.1	36.8	39.0	41.2	33.5	40.3	6.0
7.0	26.9	26.1	27.3	29.0	29.8	26.7	28.4	28.8	31.0	31.4	25.4	27.3	28.9	30.4	28.7	27.8	29.7	31.4	32.5	27.1	29.1	31.1	30.7	30.9	7.0
8.0	20.7	19.9	21.0	22.6	23.3	20.5	22.0	22.4	24.5	24.8	19.3	21.0	22.5	23.9	25.0	21.5	23.3	24.8	25.8	20.9	22.7	24.5	26.2	24.3	8.0
9.0	16.4	15.6	16.6	18.1	18.8	16.2	17.6	17.9	19.9	20.2	15.0	16.6	18.0	19.3	20.3	17.1	18.7	20.2	21.1	16.5	18.2	19.9	21.5	19.7	9.0
10.0	13.2	12.4	13.4	14.8	15.4	12.9	14.3	14.6	16.5	16.8	11.8	13.4	14.7	15.9	16.9	13.8	15.4	16.8	17.7	13.2	14.9	16.5	18.0	16.3	10.0
11.0		10.0	10.9	12.3	12.9	10.4	11.8	12.1	13.9	14.1	9.4	10.9	12.2	13.3	14.3	11.3	12.8	14.1	15.0	10.7	12.3	13.9	15.3	13.7	11.0
12.0		8.0	8.9	10.2	10.8	8.5	9.8	10.1	11.8	12.1	7.4	8.9	10.2	11.3	12.2	9.3	10.8	12.0	12.9	8.8	10.3	11.8	13.2	11.6	12.0
14.0		5.2	6.0	7.3	7.8	5.6	6.8	7.1	8.7	9.0	4.6	6.0	7.2	8.2	9.1	6.3	7.7	9.0	9.8	5.8	7.3	8.7	10.0	8.6	14.0
16.0						3.5	4.7	5.0	6.6	6.8	2.6	3.9	5.1	6.1	6.9	4.2	5.6	6.8	7.5	3.7	5.1	6.6	7.8	6.4	16.0
18.0						2.0	3.2	3.5	5.0	5.2	1.1	2.4	3.5	4.5	5.3	2.7	4.0	5.2	5.9	2.2	3.5	4.9	6.1	4.8	18.0
20.0																1.5	2.8	3.9	4.6		2.3	3.7	4.8	3.5	20.0
22.0																	1.9	3.0	3.7		1.4	2.7	3.8	2.5	22.0
24.0																						1.9	3.0	1.7	24.0
26.0																						1.3	2.4	1.1	26.0
28.0																							1.9		28.0
30.0																									30.0
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64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	15~83.5	0~83.5	0~83.5	0~83.5	0~83.5	14~83.5	0~83.5	0~83.5	0~83.5	45~83.5	26~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	55.1	46.3	34.1	32.2																				5.0
6.0	38.5	38.1	40.4	34.1	32.2	39.4	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	31.3	28.3	30.4	32.2	31.1	29.5	31.5	26.1	26.7	29.6	25.3	23.0	27.9	23.3	20.3										7.0
8.0	24.7	21.9	23.9	25.6	26.5	23.0	24.9	26.1	26.3	23.1	25.3	23.0	23.5	23.3	20.3	22.3	18.7								8.0
9.0	20.1	17.5	19.3	20.9	21.7	18.5	20.3	21.4	21.6	18.6	20.8	21.5	18.9	20.1	20.3	19.5	18.7	18.3							9.0
10.0	16.7	14.2	15.9	17.4	18.2	15.2	16.8	17.9	18.1	15.2	17.3	18.0	15.6	16.7	17.6	16.1	17.2	16.6	15.5						10.0
11.0	14.1	11.6	13.3	14.8	15.6	12.6	14.2	15.2	15.4	12.6	14.7	15.3	13.0	14.1	15.0	13.5	14.6	14.0	14.2						11.0
12.0	12.0	9.6	11.2	12.7	13.4	10.6	12.1	13.1	13.3	10.6	12.6	13.2	10.9	12.0	12.8	11.4	12.4	11.9	12.1						12.0
14.0	8.9	6.6	8.2	9.5	10.2	7.5	9.0	9.9	10.1	7.6	9.4	10.0	7.9	8.9	9.7	8.3	9.3	8.8	9.0						14.0
16.0	6.7	4.5	6.0	7.3	8.0	5.4	6.8	7.7	7.8	5.4	7.2	7.8	5.7	6.6	7.4	6.2	7.1	6.6	6.8						16.0
18.0	5.1	3.0	4.4	5.7	6.3	3.8	5.1	6.0	6.2	3.8	5.5	6.1	4.1	5.0	5.8	4.5	5.4	5.0	5.1						18.0
20.0	3.8		3.1	4.4	5.0	2.6	3.9	4.7	4.9		4.3	4.8		3.7	4.5		4.2	3.7	3.8						20.0
22.0	2.8		2.2	3.4	4.0		2.9	3.7	3.9		3.2	3.8		2.7	3.5		3.1								22.0
24.0	2.0		1.4	2.6	3.2		2.1	2.9	3.0		2.4	3.0			2.6										24.0
26.0	1.3			1.9	2.5			2.2	2.4		1.7	2.3			2.0										26.0
28.0				1.3	1.9			1.6	1.8			1.7													28.0
30.0					1.5			1.1	1.3																30.0
32.0					1.1																				32.0
34.0																									34.0
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62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	50~83.5	32~83.5	0~83.5	0~83.5	52~83.5	37~83.5	13~83.5	0~83.5	59~83.5	43~83.5	33~83.5	63~83.5	57~83.5	49~83.5	65~83.5	58~83.5	66~83.5	68~83.5						[DEG]
	5	7	6	5	4	5	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

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MB		0.0 t	9.0m x 8.3m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	124.0																								4.0
	4.5	109.3																								4.5
	5.0	97.6																								5.0
	6.0	69.5																								6.0
	7.0	52.4																								7.0
	8.0	39.0																								8.0
	9.0	30.5																								9.0
	10.0	24.6																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
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	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								

m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	151.3																								2.7
3.0	140.6	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	125.3	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	112.4	111.9	112.7	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	101.4	100.9	101.8	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	92.1	91.5	92.4	86.5	57.6	91.0	91.0	73.2	61.4	41.8	91.0	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	69.5	68.6	70.0	72.1	52.9	69.4	71.4	66.1	56.8	37.8	67.8	70.1	55.1	42.5	31.8	70.7	68.1	59.5	39.1	67.0	56.7	53.8	33.5	40.3	6.0
7.0	49.8	48.8	50.3	52.6	48.9	49.7	51.9	52.4	51.9	34.5	47.9	50.4	49.4	38.2	28.7	51.1	53.7	55.6	35.7	50.2	52.8	53.8	30.7	36.8	7.0
8.0	36.9	36.0	37.3	39.3	40.2	36.7	38.6	39.1	41.7	31.8	35.1	37.4	39.2	34.6	26.1	37.9	40.2	42.1	32.8	37.2	39.4	41.8	28.4	33.8	8.0
9.0	28.5	27.5	28.9	30.8	31.6	28.2	30.2	30.6	33.0	29.4	26.6	28.9	30.7	31.6	23.9	29.5	31.6	33.3	30.3	28.7	30.9	33.0	26.4	31.3	9.0
10.0	22.3	21.2	22.5	24.4	25.2	21.9	23.7	24.2	26.6	27.0	20.5	22.6	24.3	25.9	22.0	23.1	25.2	27.0	28.2	22.3	24.5	26.7	24.6	26.4	10.0
11.0		16.8	18.0	19.7	20.5	17.5	19.1	19.6	21.8	22.1	16.1	18.0	19.7	21.1	20.4	18.5	20.5	22.1	23.2	17.8	19.8	21.9	23.0	21.6	11.0
12.0		13.5	14.7	16.3	17.0	14.1	15.7	16.1	18.2	18.5	12.8	14.7	16.2	17.6	18.7	15.1	17.0	18.5	19.6	14.5	16.4	18.3	19.9	18.0	12.0
14.0		9.0	10.0	11.6	12.2	9.5	11.0	11.3	13.3	13.5	8.3	10.0	11.4	12.7	13.7	10.4	12.1	13.5	14.5	9.8	11.5	13.3	14.8	13.1	14.0
16.0						6.5	7.9	8.2	10.0	10.3	5.4	7.0	8.3	9.4	10.4	7.3	8.9	10.3	11.1	6.7	8.3	10.0	11.4	9.8	16.0
18.0						4.4	5.7	6.0	7.7	7.9	3.3	4.8	6.1	7.2	8.1	5.1	6.6	7.9	8.8	4.6	6.1	7.7	9.0	7.5	18.0
20.0																3.5	5.0	6.2	7.0	2.9	4.4	5.9	7.2	5.7	20.0
22.0																2.3	3.7	4.9	5.6	1.7	3.1	4.6	5.8	4.4	22.0
24.0																					2.1	3.5	4.7	3.3	24.0
26.0																					1.3	2.7	3.9	2.5	26.0
28.0																						2.1	3.2	1.8	28.0
30.0																									30.0
32.0																									32.0
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68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	33~83.5	0~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.5	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	51.8	46.3	34.1	31.1	43.2	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	38.5	40.9	34.1	29.0	39.9	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	28.3	30.1	32.2	33.7	27.2	31.3	33.2	26.1	26.7	31.4	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	25.9	23.6	25.8	27.9	25.5	24.9	27.0	26.0	25.4	25.0	25.3	23.0	25.4	23.3	20.3	22.3	18.7	18.3	15.5						10.0
11.0	22.1	19.0	21.1	23.0	23.9	20.2	22.2	23.5	23.7	20.3	22.8	23.0	20.7	22.0	20.3	21.3	18.7	18.3	15.5						11.0
12.0	18.5	15.6	17.5	19.3	20.2	16.7	18.6	19.8	20.0	16.8	19.2	19.9	17.2	18.4	19.5	17.8	18.7	18.3	15.5						12.0
14.0	13.5	10.8	12.6	14.2	15.1	11.9	13.6	14.7	14.9	11.9	14.1	14.8	12.3	13.4	14.4	12.8	14.0	13.4	13.6						14.0
16.0	10.1	7.7	9.4	10.9	11.7	8.6	10.3	11.3	11.5	8.7	10.7	11.4	9.0	10.1	11.0	9.5	10.6	10.0	10.2						16.0
18.0	7.8	5.4	7.0	8.5	9.2	6.4	7.9	8.9	9.1	6.4	8.3	9.0	6.7	7.7	8.6	7.2	8.2	7.7	7.9						18.0
20.0	6.0	3.8	5.3	6.7	7.4	4.7	6.1	7.1	7.3	4.7	6.6	7.2	5.0	6.0	6.8	5.5	6.4	5.9	6.1						20.0
22.0	4.7	2.5	4.0	5.3	6.0	3.3	4.8	5.7	5.9	3.4	5.2	5.8	3.6	4.6	5.4	4.1	5.1	4.6	4.7						22.0
24.0	3.6		2.9	4.3	4.9	2.3	3.7	4.6	4.8		4.1	4.7		3.5	4.3	3.0	4.0	3.5	3.6						24.0
26.0	2.8		2.1	3.4	4.0		2.8	3.7	3.9		3.2	3.8		2.6	3.4		3.1								26.0
28.0	2.1		1.4	2.6	3.3		2.1	3.0	3.1		2.4	3.0			2.7		2.3								28.0
30.0				2.0	2.7		1.5	2.3	2.5		1.8	2.4			2.1										30.0
32.0				1.6	2.2			1.8	2.0		1.3	1.8			1.5										32.0
34.0								1.4	1.5			1.4													34.0
36.0									1.1																36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
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60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3	15.5						t
[DEG]	0~83.5	40~83.5	12~83.5	0~83.5	0~83.5	43~83.5	19~83.5	0~83.5	0~83.5	52~83.5	30~83.5	12~83.5	57~83.5	50~83.5	39~83.5	60~83.5	52~83.5	61~83.5	64~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		0.0 t	9.0m x 7.0m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	124.0																								4.0
	4.5	109.3																								4.5
	5.0	97.6																								5.0
	6.0	69.5																								6.0
	7.0	52.4																								7.0
	8.0	39.0																								8.0
	9.0	30.5																								9.0
	10.0	24.6																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
m	26.0																									26.0
	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
	34.0																									34.0
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	62.0																									62.0
	64.0																									64.0
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
	4	0																								4
%	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0~83.5																								[DEG]
		26																								
		125t×2																								

m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	143.3																								2.7
3.0	132.6	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	117.4	114.0	114.0	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	104.8	104.3	105.1	96.7	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	94.2	93.6	94.5	91.3	60.4	91.0	91.0	77.3	64.0	44.1	91.0	88.9	66.3	51.1	38.0	75.0	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	85.1	84.6	85.5	86.5	57.6	85.1	86.4	73.2	61.4	41.8	84.1	83.3	62.1	47.9	35.7	75.0	68.1	63.6	43.3	67.0	56.7	53.8	36.2	43.2	5.0
6.0	53.6	52.3	54.2	57.0	52.9	53.4	56.1	56.8	56.8	37.8	51.2	54.4	55.1	42.5	31.8	55.2	58.4	59.5	39.1	54.1	56.7	53.8	33.5	40.3	6.0
7.0	35.8	34.8	36.3	38.6	39.7	35.6	37.9	38.4	41.4	34.5	33.9	36.4	38.6	38.2	28.7	37.1	39.7	41.9	35.7	36.2	38.8	41.5	30.7	36.8	7.0
8.0	26.0	25.0	26.4	28.4	29.3	25.8	27.7	28.2	30.8	31.2	24.2	26.4	28.3	30.0	26.1	27.0	29.3	31.2	32.5	26.2	28.5	30.9	28.4	30.6	8.0
9.0	19.7	18.8	20.0	21.9	22.7	19.5	21.3	21.7	24.0	24.4	18.1	20.1	21.8	23.3	23.9	20.6	22.7	24.4	25.6	19.9	22.0	24.1	25.9	23.9	9.0
10.0	15.5	14.5	15.7	17.4	18.1	15.2	16.8	17.2	19.4	19.7	13.8	15.7	17.3	18.7	19.9	16.2	18.1	19.7	20.8	15.5	17.5	19.4	21.1	19.2	10.0
11.0		11.4	12.5	14.1	14.8	12.0	13.5	13.9	16.0	16.3	10.7	12.5	14.0	15.3	16.4	13.0	14.7	16.3	17.3	12.3	14.1	16.0	17.6	15.8	11.0
12.0		9.0	10.0	11.6	12.2	9.6	11.0	11.4	13.3	13.6	8.4	10.1	11.5	12.8	13.8	10.5	12.2	13.6	14.6	9.9	11.6	13.4	14.9	13.2	12.0
14.0		5.6	6.6	8.0	8.6	6.1	7.5	7.8	9.6	9.9	5.0	6.6	7.9	9.1	10.0	7.0	8.5	9.9	10.8	6.4	8.0	9.6	11.1	9.4	14.0
16.0						3.8	5.1	5.4	7.1	7.3	2.7	4.2	5.5	6.6	7.5	4.6	6.1	7.3	8.2	4.0	5.5	7.1	8.4	6.9	16.0
18.0						2.1	3.4	3.7	5.3	5.5	1.1	2.5	3.7	4.8	5.6	2.8	4.3	5.5	6.3	2.3	3.8	5.3	6.6	5.1	18.0
20.0																1.6	3.0	4.2	4.9		2.4	3.9	5.1	3.7	20.0
22.0																	2.0	3.1	3.8		1.4	2.8	4.0	2.6	22.0
24.0																						2.0	3.1	1.8	24.0
26.0																						1.3	2.4	1.1	26.0
28.0																							1.9		28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
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38.0																									38.0
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62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	20~83.5	0~83.5	0~83.5	0~83.5	0~83.5	19~83.5	0~83.5	0~83.5	0~83.5	48~83.5	31~83.5	0~83.5	0~83.5	0~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7	60.0						m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	56.5	46.3	34.1	32.2																				5.0
6.0	38.5	56.0	46.3	34.1	32.2	43.2	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	34.4	37.7	40.5	34.1	31.1	39.3	33.2	26.1	26.7	34.5	25.3	23.0	27.9	23.3	20.3										7.0
8.0	31.1	27.6	30.0	32.2	29.0	29.0	31.3	26.1	26.7	29.1	25.3	23.0	27.9	23.3	20.3	22.3	18.7								8.0
9.0	24.3	21.1	23.3	25.3	26.3	22.4	24.5	25.8	26.1	22.5	25.1	23.0	22.9	23.3	20.3	22.3	18.7	18.3							9.0
10.0	19.6	16.7	18.7	20.5	21.4	17.8	19.8	21.0	21.2	17.9	20.4	21.2	18.3	19.6	20.3	18.9	18.7	18.3	15.5						10.0
11.0	16.2	13.4	15.3	17.0	17.9	14.5	16.3	17.5	17.7	14.5	16.9	17.6	14.9	16.2	17.2	15.5	16.7	16.1	15.5						11.0
12.0	13.5	10.9	12.7	14.3	15.2	11.9	13.7	14.8	15.0	12.0	14.2	14.9	12.3	13.5	14.5	12.9	14.1	13.5	13.7						12.0
14.0	9.8	7.3	9.0	10.5	11.3	8.3	9.9	10.9	11.1	8.3	10.4	11.1	8.7	9.8	10.7	9.2	10.3	9.7	9.9						14.0
16.0	7.2	4.9	6.5	7.9	8.7	5.8	7.3	8.3	8.5	5.8	7.8	8.4	6.2	7.2	8.1	6.7	7.7	7.1	7.3						16.0
18.0	5.4	3.1	4.7	6.1	6.8	4.0	5.5	6.4	6.6	4.1	5.9	6.5	4.4	5.3	6.2	4.8	5.8	5.3	5.5						18.0
20.0	4.0		3.3	4.6	5.3	2.7	4.1	5.0	5.2		4.5	5.1		3.9	4.8		4.4	3.9	4.0						20.0
22.0	2.9		2.2	3.5	4.2		3.0	3.9	4.1		3.4	4.0		2.8	3.6		3.3								22.0
24.0	2.1		1.4	2.7	3.3		2.1	3.0	3.2		2.5	3.1			2.7										24.0
26.0	1.4			2.0	2.6			2.3	2.4		1.8	2.3			2.0										26.0
28.0				1.4	2.0			1.7	1.8			1.7													28.0
30.0					1.5			1.2	1.3																30.0
32.0					1.1																				32.0
34.0																									34.0
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62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93	100						1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93	100						2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93	100						3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93	100						4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93	100						5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24	16						ID
t	245	310	360	341	322	310	332	261	267	310	253	230	279	233	203	223	187	183	155						t
[DEG]	0~83.5	52~83.5	36~83.5	0~83.5	0~83.5	54~83.5	40~83.5	18~83.5	12~83.5	60~83.5	46~83.5	37~83.5	64~83.5	58~83.5	51~83.5	66~83.5	60~83.5	67~83.5	69~83.5						[DEG]
	5	7	6	5	4	6	4	4	4	5	3	3	4	3	3	3	3	3	2						
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	60t	26t	26t	26t	26t	26t	26t						

ブーム

MB		0.0 t	9.0m x 5.6m	0 °	JPN

m	13.2																									m
2.7	180.0																									2.7
3.0	154.5																									3.0
3.5	142.5																									3.5
4.0	124.0																									4.0
4.5	109.3																									4.5
5.0	97.6																									5.0
6.0	69.5																									6.0
7.0	52.4																									7.0
8.0	39.0																									8.0
9.0	30.5																									9.0
10.0	24.6																									10.0
11.0																										11.0
12.0																										12.0
14.0																										14.0
16.0																										16.0
18.0																										18.0
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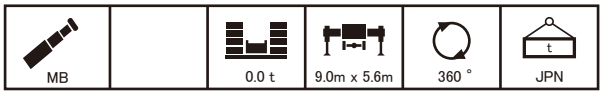
64.0																										64.0
68.0																										68.0
1	0																									1
2	0																									2
3	0																									3
4	0																									4
5	0																									5
ID	1																									ID
t	42.0																									t
[DEG]	0~83.5																									[DEG]
	26																									
	125t×2																									



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	131.7																								2.7
3.0	121.2	114.0	114.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	106.4	105.9	106.8	102.8	66.8	91.0	91.0	86.3	69.8	49.4	91.0	91.0	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	94.3	93.8	94.7	96.0	63.4	91.0	91.0	81.8	66.8	46.7	91.0	91.0	71.0	54.8	40.6	75.0	68.1	66.2	46.8	67.0	56.7	53.8	38.5	43.8	4.0
4.5	67.6	66.2	68.4	71.7	60.4	67.5	70.7	71.5	64.0	44.1	64.9	68.6	66.3	51.1	38.0	69.6	68.1	65.6	45.2	67.0	56.7	53.8	37.4	43.8	4.5
5.0	50.2	49.1	50.9	53.7	55.0	50.1	52.8	53.5	57.1	41.8	48.0	51.1	53.7	47.9	35.7	51.9	55.0	57.7	43.3	50.8	54.0	53.8	36.2	43.2	5.0
6.0	31.8	30.9	32.4	34.6	35.6	31.7	33.9	34.4	37.3	37.7	30.0	32.5	34.5	36.4	31.8	33.1	35.6	37.7	39.1	32.3	34.8	37.4	33.5	37.1	6.0
7.0	22.2	21.4	22.6	24.5	25.4	22.1	23.9	24.4	26.9	27.3	20.6	22.7	24.5	26.1	27.5	23.3	25.4	27.3	28.5	22.5	24.7	27.0	28.9	26.7	7.0
8.0	16.3	15.5	16.7	18.4	19.2	16.1	17.8	18.2	20.5	20.8	14.8	16.7	18.4	19.8	21.0	17.2	19.2	20.8	21.9	16.6	18.5	20.6	22.3	20.3	8.0
9.0	12.3	11.5	12.6	14.2	15.0	12.1	13.7	14.1	16.2	16.5	10.9	12.7	14.2	15.5	16.6	13.1	14.9	16.5	17.5	12.5	14.3	16.2	17.9	16.0	9.0
10.0	9.5	8.7	9.7	11.2	11.9	9.2	10.7	11.1	13.0	13.3	8.1	9.8	11.2	12.5	13.5	10.2	11.9	13.3	14.3	9.6	11.3	13.1	14.6	12.9	10.0
11.0		6.5	7.5	9.0	9.6	7.1	8.5	8.8	10.7	11.0	5.9	7.5	8.9	10.1	11.1	8.0	9.6	11.0	11.9	7.4	9.0	10.7	12.2	10.5	11.0
12.0		4.9	5.8	7.2	7.8	5.3	6.7	7.0	8.8	9.1	4.3	5.8	7.1	8.3	9.2	6.2	7.8	9.1	10.0	5.6	7.2	8.9	10.3	8.7	12.0
14.0		2.4	3.3	4.7	5.2	2.9	4.1	4.5	6.2	6.4	1.8	3.3	4.5	5.6	6.5	3.7	5.1	6.4	7.2	3.1	4.6	6.2	7.5	6.0	14.0
16.0						1.1	2.4	2.7	4.3	4.5		1.6	2.8	3.8	4.6	1.9	3.3	4.5	5.3		2.8	4.3	5.6	4.1	16.0
18.0							1.1	1.4	3.0	3.2			1.5	2.5	3.3		2.0	3.2	3.9			2.9	4.1	2.7	18.0
20.0																	1.0	2.1	2.9			1.9	3.1	1.7	20.0
22.0																		1.3	2.0			1.1	2.2		22.0
24.0																							1.5		24.0
26.0																							1.0		26.0
28.0																									28.0
30.0																									30.0
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62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5	0~83.5	28~83.5	0~83.5	0~83.5	0~83.5	0~83.5	44~83.5	26~83.5	0~83.5	0~83.5	0~83.5	43~83.5	16~83.5	0~83.5	0~83.5	58~83.5	49~83.5	28~83.5	0~83.5	39~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	56.7							m
2.7																									2.7
3.0																									3.0
3.5																									3.5
4.0	41.0																								4.0
4.5	41.0	56.5	46.3	34.1	32.2																				4.5
5.0	41.0	52.7	46.3	34.1	32.2																				5.0
6.0	37.7	33.7	36.4	34.1	32.2	35.3	33.2	26.1	26.7	34.5	25.3	23.0													6.0
7.0	27.2	23.8	26.1	28.2	29.3	25.2	27.4	26.1	26.7	25.2	25.3	23.0	25.7	23.3	20.3										7.0
8.0	20.8	17.7	19.8	21.7	22.6	18.9	20.9	22.2	22.5	19.0	21.5	22.4	19.4	20.8	20.3	20.1	18.7								8.0
9.0	16.4	13.6	15.5	17.3	18.2	14.7	16.6	17.8	18.0	14.8	17.1	17.9	15.2	16.4	17.5	15.8	17.0	16.4							9.0
10.0	13.3	10.6	12.4	14.1	14.9	11.7	13.4	14.5	14.7	11.7	13.9	14.7	12.1	13.3	14.3	12.7	13.8	13.2							10.0
11.0	10.9	8.3	10.1	11.6	12.5	9.4	11.0	12.1	12.3	9.4	11.5	12.2	9.7	10.9	11.8	10.3	11.4	10.8							11.0
12.0	9.0	6.6	8.3	9.8	10.5	7.6	9.2	10.2	10.4	7.6	9.6	10.3	7.9	9.0	9.9	8.5	9.5	9.0							12.0
14.0	6.3	4.0	5.6	7.0	7.7	4.9	6.4	7.4	7.6	4.9	6.9	7.5	5.3	6.3	7.2	5.8	6.8	6.2							14.0
16.0	4.4		3.7	5.1	5.8		4.5	5.5	5.6		5.0	5.6		4.4	5.2		4.8								16.0
18.0	3.0		2.4	3.7	4.4		3.1	4.0	4.2		3.5	4.1			3.8										18.0
20.0	2.0			2.6	3.3			3.0	3.1		2.5	3.0			2.7										20.0
22.0				1.8	2.4			2.1	2.2			2.2													22.0
24.0					1.7				1.5																24.0
26.0					1.1																				26.0
28.0																									28.0
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60.0																									60.0
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64.0																									64.0
68.0																									68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	93	46	93							1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	93	93							2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	93	93							3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	93	93							4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	46	93	93							5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	32	23	24							ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	22.3	18.7	18.3							t
[DEG]	35~83.5	61~83.5	52~83.5	32~83.5	17~83.5	63~83.5	54~83.5	44~83.5	41~83.5	68~83.5	58~83.5	52~83.5	70~83.5	66~83.5	61~83.5	72~83.5	68~83.5	73~83.5							[DEG]
	5	7	6	5	4	5	4	4	4	5	3	3	3	3	3	3	3	2							
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t							

ブーム

MB		0.0 t	9.0m x 4.6m	0 °	JPN

	m	13.2																								m
	2.7	180.0																								2.7
	3.0	154.5																								3.0
	3.5	142.5																								3.5
	4.0	124.0																								4.0
	4.5	109.3																								4.5
	5.0	97.6																								5.0
	6.0	69.5																								6.0
	7.0	52.4																								7.0
	8.0	39.0																								8.0
	9.0	30.5																								9.0
	10.0	24.6																								10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0																									16.0
	18.0																									18.0
	20.0																									20.0
	22.0																									22.0
	24.0																									24.0
	26.0																									26.0
m	28.0																									28.0
	30.0																									30.0
	32.0																									32.0
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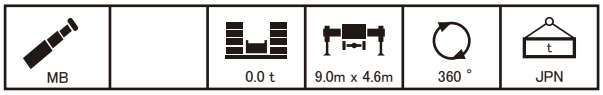
	68.0																									68.0
	1	0																								1
	2	0																								2
	3	0																								3
%	4	0																								4
	5	0																								5
	ID	1																								ID
	t	42.0																								t
	[DEG]	0～83.5																								[DEG]
		26																								
		125t×2																								



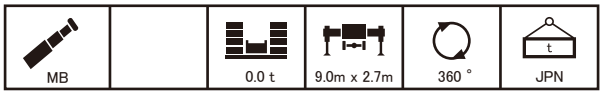
m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	120.8																								2.7
3.0	110.6	110.1	111.0	109.7	70.6	91.0	91.0	89.9	72.9	52.2	91.0	91.0	82.9	63.8	47.1	75.0	68.1	66.2	48.5						3.0
3.5	83.9	82.4	85.0	88.9	66.8	83.9	87.6	86.3	69.8	49.4	80.9	85.2	76.5	59.0	43.6	75.0	68.1	66.2	48.5	67.0	56.7	53.8	38.5	43.8	3.5
4.0	56.7	55.5	57.5	60.5	62.0	56.6	59.5	60.3	64.2	46.7	54.3	57.6	60.5	54.8	40.6	58.5	61.9	64.9	46.8	57.4	56.7	53.8	38.5	43.8	4.0
4.5	41.8	40.8	42.5	45.0	46.3	41.7	44.2	44.8	48.2	44.1	39.8	42.6	45.0	47.2	38.0	43.4	46.2	48.7	45.2	42.4	45.3	48.3	37.4	43.8	4.5
5.0	32.5	31.5	33.0	35.3	36.4	32.4	34.6	35.1	38.1	38.6	30.6	33.2	35.3	37.2	35.7	33.8	36.4	38.5	40.0	32.9	35.5	38.2	36.2	37.9	5.0
6.0	21.4	20.5	21.8	23.7	24.6	21.3	23.1	23.6	26.1	26.5	19.8	21.9	23.7	25.3	26.6	22.5	24.6	26.4	27.7	21.7	23.9	26.1	28.1	25.9	6.0
7.0	15.0	14.2	15.4	17.1	17.9	14.9	16.5	16.9	19.2	19.5	13.5	15.4	17.0	18.5	19.7	15.9	17.9	19.5	20.6	15.3	17.2	19.2	21.0	19.0	7.0
8.0	10.9	10.1	11.2	12.8	13.5	10.7	12.2	12.6	14.7	15.0	9.5	11.3	12.7	14.1	15.2	11.7	13.5	15.0	16.0	11.1	12.9	14.7	16.4	14.5	8.0
9.0	8.0	7.3	8.3	9.8	10.4	7.8	9.3	9.6	11.5	11.8	6.7	8.3	9.7	11.0	12.0	8.8	10.4	11.8	12.8	8.2	9.9	11.6	13.1	11.4	9.0
10.0	5.9	5.2	6.1	7.5	8.2	5.7	7.0	7.4	9.2	9.5	4.6	6.2	7.5	8.7	9.6	6.6	8.1	9.5	10.4	6.0	7.6	9.3	10.7	9.1	10.0
11.0		3.5	4.4	5.8	6.4	4.0	5.3	5.7	7.4	7.7	3.0	4.5	5.8	6.9	7.8	4.9	6.4	7.7	8.6	4.3	5.9	7.5	8.9	7.3	11.0
12.0		2.2	3.1	4.5	5.1	2.7	4.0	4.3	6.0	6.3		3.2	4.4	5.5	6.4	3.5	5.0	6.3	7.1		4.5	6.1	7.4	5.9	12.0
14.0			1.2	2.5	3.0		2.0	2.3	4.0	4.2			2.4	3.5	4.3		3.0	4.2	5.0			4.0	5.2	3.8	14.0
16.0									2.5	2.7			1.0	2.0	2.8		1.5	2.7	3.5			2.5	3.7	2.3	16.0
18.0									1.4	1.6					1.7			1.6	2.3				2.6		18.0
20.0																			1.5				1.7		20.0
22.0																							1.0		22.0
24.0																									24.0
26.0																									26.0
28.0																									28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	17~83.5	0~83.5	0~83.5	0~83.5	46~83.5	31~83.5	23~83.5	0~83.5	0~83.5	55~83.5	45~83.5	29~83.5	0~83.5	0~83.5	54~83.5	39~83.5	18~83.5	0~83.5	65~83.5	58~83.5	46~83.5	13~83.5	51~83.5	[DEG]
	26	14	14	14	9	11	11	11	9	7	11	11	10	8	6	9	9	8	6	8	7	7	5	6	
	125t×2	125t	125t	125t	125t	125t	125t	125t	125t	60t	125t	125t	125t	125t	60t	125t	125t	125t	60t	125t	60t	60t	60t	60t	

m	31.9	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	43.7	43.7	43.7	48.0	48.0	48.0	52.4	m
2.7																	2.7
3.0																	3.0
3.5																	3.5
4.0	41.0																4.0
4.5	41.0	44.1	46.3	34.1	32.2												4.5
5.0	38.5	34.5	37.2	34.1	32.2												5.0
6.0	26.4	23.0	25.3	27.4	28.5	24.4	26.6	26.1	26.7	24.4	25.3	23.0					6.0
7.0	19.4	16.4	18.5	20.3	21.3	17.6	19.6	20.9	21.1	17.7	20.2	21.0	18.1	19.4	20.3		7.0
8.0	14.9	12.2	14.1	15.8	16.7	13.3	15.1	16.3	16.5	13.3	15.6	16.4	13.7	14.9	16.0	15.5	8.0
9.0	11.8	9.2	10.9	12.6	13.4	10.2	11.9	13.0	13.2	10.2	12.4	13.2	10.6	11.8	12.8	12.3	9.0
10.0	9.4	6.9	8.6	10.2	11.0	7.9	9.6	10.6	10.8	8.0	10.1	10.7	8.3	9.4	10.4	9.9	10.0
11.0	7.6	5.2	6.9	8.4	9.1	6.2	7.8	8.8	9.0	6.2	8.2	8.9	6.6	7.6	8.5	8.1	11.0
12.0	6.2		5.5	6.9	7.6	4.8	6.3	7.3	7.5		6.8	7.4		6.2	7.1	6.7	12.0
14.0	4.1		3.4	4.8	5.5		4.2	5.1	5.3		4.6	5.2			4.9	4.5	14.0
16.0	2.6			3.2	3.9			3.6	3.8		3.1	3.7			3.4		16.0
18.0				2.1	2.8			2.5	2.6			2.5					18.0
20.0					1.9												20.0
22.0																	22.0
24.0																	24.0
26.0																	26.0
28.0																	28.0
30.0																	30.0
32.0																	32.0
34.0																	34.0
36.0																	36.0
38.0																	38.0
40.0																	40.0
42.0																	42.0
44.0																	44.0
46.0																	46.0
48.0																	48.0
50.0																	50.0
52.0																	52.0
54.0																	54.0
56.0																	56.0
58.0																	58.0
60.0																	60.0
62.0																	62.0
64.0																	64.0
68.0																	68.0
1	0	93	46	0	0	93	46	0	0	93	46	0	93	46	0	46	1
2	0	46	46	46	0	46	46	46	0	93	46	46	93	93	93	93	2
3	100	46	46	46	46	46	46	46	93	46	46	93	93	93	93	93	3
4	100	46	46	46	93	46	46	93	93	46	93	93	46	93	93	93	4
5	0	0	46	93	93	46	93	93	93	46	93	93	46	46	93	93	5
ID	62	54	45	48(49)	19	46	49	43(44)	20(24)	42	44	21	38	31	22(24)	23	ID
t	24.5	31.0	36.0	34.1	32.2	31.0	33.2	26.1	26.7	31.0	25.3	23.0	27.9	23.3	20.3	18.7	t
[DEG]	49~83.5	67~83.5	60~83.5	47~83.5	40~83.5	69~83.5	62~83.5	54~83.5	53~83.5	73~83.5	65~83.5	60~83.5	75~83.5	72~83.5	67~83.5	72~83.5	[DEG]
	5	6	6	5	4	3	4	4	4	3	3	3	3	3	3	2	
	60t	60t	60t	60t	60t	26t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	

ブーム

MB		0.0 t	9.0m x 2.7m	0 °	JPN

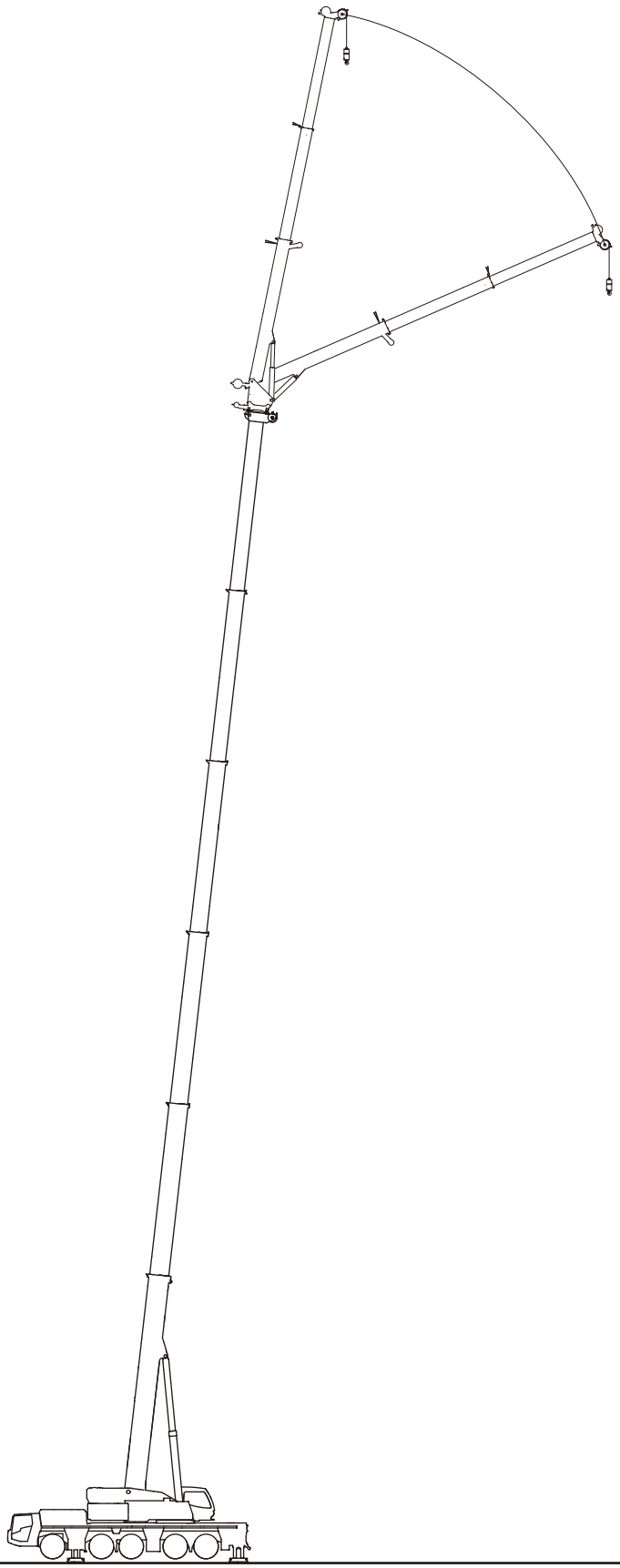
m	13.2	m
2.7	180.0	2.7
3.0	154.5	3.0
3.5	142.5	3.5
4.0	124.0	4.0
4.5	109.3	4.5
5.0	97.6	5.0
6.0	69.5	6.0
7.0	52.4	7.0
8.0	39.0	8.0
9.0	30.5	9.0
10.0	24.6	10.0
11.0		11.0
12.0		12.0
14.0		14.0
16.0		16.0
18.0		18.0
20.0		20.0
22.0		22.0
24.0		24.0
26.0		26.0
28.0		28.0
30.0		30.0
32.0		32.0
34.0		34.0
36.0		36.0
38.0		38.0
40.0		40.0
42.0		42.0
44.0		44.0
46.0		46.0
48.0		48.0
50.0		50.0
52.0		52.0
54.0		54.0
56.0		56.0
58.0		58.0
60.0		60.0
62.0		62.0
64.0		64.0
68.0		68.0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
ID	1	ID
t	42.0	t
[DEG]	0~83.5	[DEG]
	26	
	125t×2	



m	13.2	17.6	17.6	17.6	17.6	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	31.9	m
2.7	49.0																								2.7
3.0	38.4	37.4	39.1	41.7	42.9	38.4	40.8	41.5	44.8	45.4	36.4	39.2	41.7	43.9	45.7	40.0	42.9	45.4	47.1						3.0
3.5	27.3	26.5	27.9	30.1	31.2	27.3	29.4	29.9	32.8	33.3	25.6	28.0	30.1	32.0	33.5	28.7	31.1	33.3	34.7	27.8	30.4	32.9	35.2	32.7	3.5
4.0	20.5	19.7	21.0	22.9	23.9	20.4	22.3	22.8	25.3	25.8	18.9	21.1	22.9	24.6	26.0	21.7	23.9	25.8	27.0	20.9	23.2	25.5	27.5	25.2	4.0
4.5	15.8	15.1	16.3	18.1	18.9	15.8	17.5	17.9	20.3	20.7	14.4	16.4	18.1	19.6	20.8	16.9	18.9	20.6	21.8	16.2	18.3	20.4	22.2	20.1	4.5
5.0	12.4	11.7	12.9	14.5	15.3	12.4	14.0	14.4	16.6	17.0	11.1	12.9	14.5	16.0	17.1	13.4	15.3	17.0	18.0	12.8	14.7	16.7	18.4	16.5	5.0
6.0	7.9	7.2	8.3	9.8	10.5	7.8	9.3	9.6	11.6	12.0	6.6	8.3	9.8	11.1	12.1	8.8	10.5	11.9	12.9	8.2	9.9	11.7	13.3	11.5	6.0
7.0	5.0	4.3	5.3	6.7	7.4	4.9	6.2	6.6	8.4	8.7		5.3	6.7	7.9	8.9	5.8	7.4	8.7	9.6		6.8	8.5	10.0	8.3	7.0
8.0	2.9	2.3	3.2	4.6	5.2		4.1	4.4	6.2	6.5			4.5	5.7	6.6		5.2	6.5	7.4			6.3	7.6	6.1	8.0
9.0	1.5		1.7	3.0	3.6		2.6	2.9	4.6	4.8			3.0	4.1	5.0		3.6	4.8	5.7			4.6	5.9	4.4	9.0
10.0				1.8	2.4				3.3	3.6				2.8	3.7			3.6	4.4			3.3	4.6		10.0
11.0					1.4				2.3	2.6				1.8	2.7			2.5	3.3				3.6		11.0
12.0									1.5	1.7					1.9				2.5				2.8		12.0
14.0																									14.0
16.0																									16.0
18.0																									18.0
20.0																									20.0
22.0																									22.0
24.0																									24.0
26.0																									26.0
28.0																									28.0
30.0																									30.0
32.0																									32.0
34.0																									34.0
36.0																									36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
62.0																									62.0
64.0																									64.0
68.0																									68.0
1	0	46	0	0	0	46	0	0	0	0	100	0	0	0	0	46	0	0	0	93	46	0	0	0	1
2	0	0	46	0	0	46	46	0	0	0	0	100	0	0	0	46	46	0	0	46	46	46	0	100	2
3	0	0	0	0	0	0	46	93	0	0	0	0	100	0	0	46	46	46	0	46	46	46	0	0	3
4	0	0	0	46	0	0	0	0	46	0	0	0	0	100	0	0	46	46	46	0	46	46	93	0	4
5	0	0	0	0	46	0	0	0	46	93	0	0	0	0	100	0	0	46	93	0	0	46	93	100	5
ID	1	67	70(75)	50(54)	2(32)	75	64(66)	73	25(38)	3(24)	69	72	74	59(62)	4(16)	65	52(54)	33(42)	17	66	53	39(46)	18(24)	57	ID
t	42.0	37.0	42.0	41.7	42.0	39.0	40.0	24.8	41.0	26.0	22.5	23.1	21.4	23.0	22.9	37.0	41.1	39.0	41.0	31.0	39.0	38.0	28.0	26.1	t
[DEG]	0~83.5	56~83.5	50~83.5	37~83.5	28~83.5	65~83.5	59~83.5	58~83.5	44~83.5	42~83.5	70~83.5	65~83.5	59~83.5	52~83.5	43~83.5	70~83.5	63~83.5	56~83.5	49~83.5	76~83.5	72~83.5	65~83.5	54~83.5	68~83.5	[DEG]
	6	5	5	5	6	5	5	5	6	6	5	5	5	6	6	5	6	6	6	4	4	4	5	4	
	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	

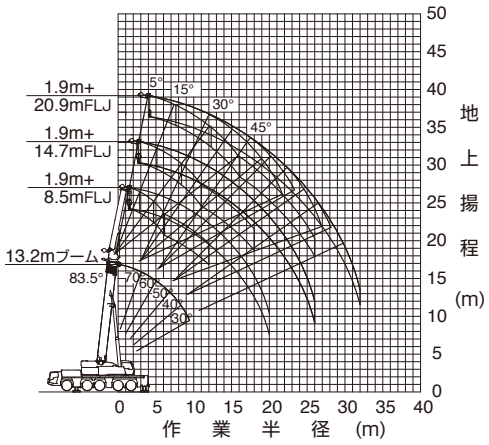
m	31.9	35.0	35.0	35.0	39.3	39.3	43.7	m
2.7								2.7
3.0								3.0
3.5								3.5
4.0	25.7							4.0
4.5	20.6	19.6	21.5	22.6				4.5
5.0	16.9	16.0	17.8	18.7				5.0
6.0	11.9	11.0	12.7	13.6	13.2	13.4	13.3	6.0
7.0	8.7	7.9	9.4	10.2	9.9	10.1	10.0	7.0
8.0	6.4	5.7	7.1	7.9	7.6	7.8	7.7	8.0
9.0	4.8		5.5	6.2	5.9	6.0	6.0	9.0
10.0	3.5		4.2	4.9	4.6	4.7	4.7	10.0
11.0			3.1	3.8	3.5	3.7		11.0
12.0				3.0				12.0
14.0								14.0
16.0								16.0
18.0								18.0
20.0								20.0
22.0								22.0
24.0								24.0
26.0								26.0
28.0								28.0
30.0								30.0
32.0								32.0
34.0								34.0
36.0								36.0
38.0								38.0
40.0								40.0
42.0								42.0
44.0								44.0
46.0								46.0
48.0								48.0
50.0								50.0
52.0								52.0
54.0								54.0
56.0								56.0
58.0								58.0
60.0								60.0
62.0								62.0
64.0								64.0
68.0								68.0
1	0	46	0	0	0	0	0	1
2	0	46	46	0	46	0	46	2
3	100	46	46	46	46	93	93	3
4	100	46	46	93	93	93	93	4
5	0	46	93	93	93	93	93	5
ID	62	45	48(49)	19	43(44)	20(24)	21	ID
t	24.5	36.0	34.1	32.2	26.1	26.7	23.0	t
[DEG]	67~83.5	73~83.5	66~83.5	63~83.5	70~83.5	69~83.5	74~83.5	[DEG]
	4	3	3	3	2	2	2	
	60t	26t	26t	26t	26t	26t	26t	

オールテレーンクレーン
ATF-200N-5.1
フルオートラフィングジブ



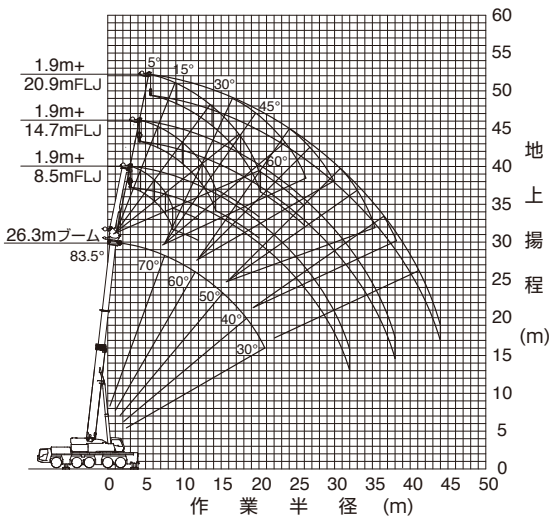
ブーム+フルオートラフィングジブ(FLJ)作業半径ー揚程図

13.2mブーム+フルオートラフィングジブ



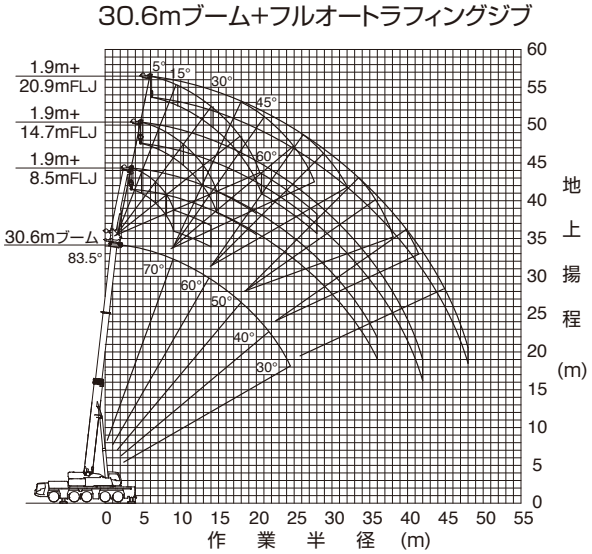
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

26.3mブーム+フルオートラフィングジブ



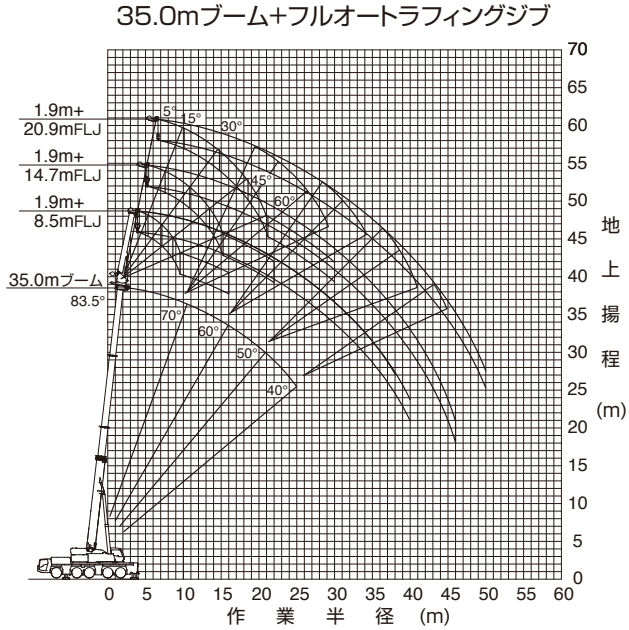
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

30.6mブーム+フルオートラフィングジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

35.0mブーム+フルオートラフィングジブ

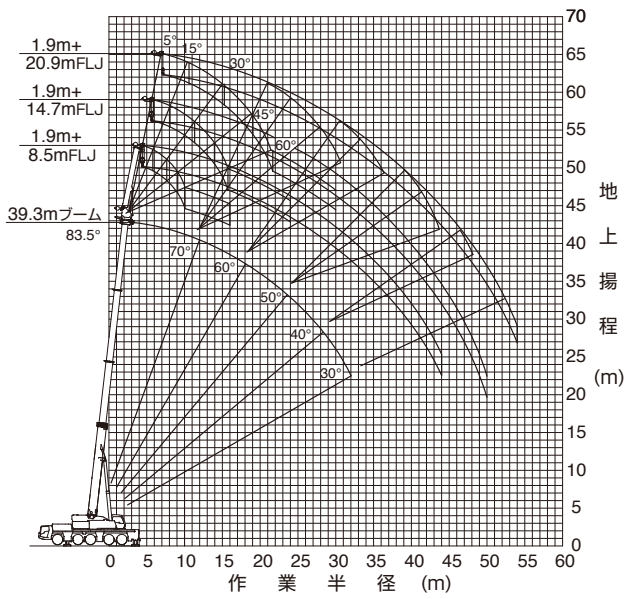


（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

フルオートラフィングジブ

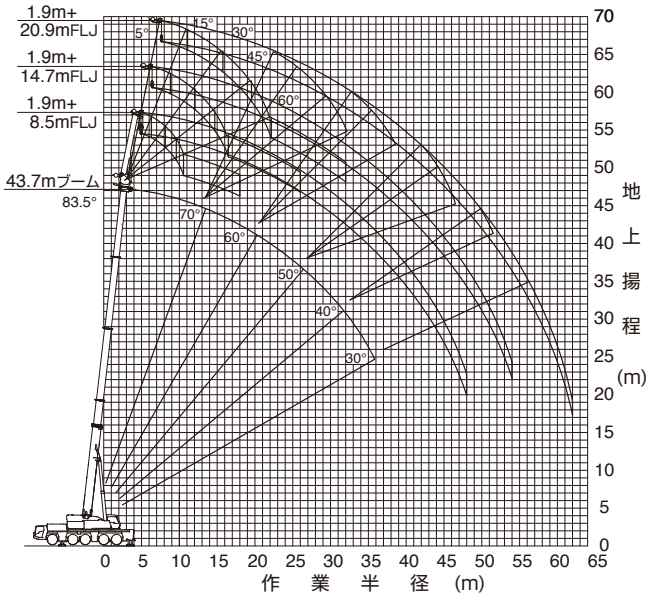
ブーム+フルオートラフィングジブ(FLJ)作業半径ー揚程図

39.3mブーム+フルオートラフィングジブ



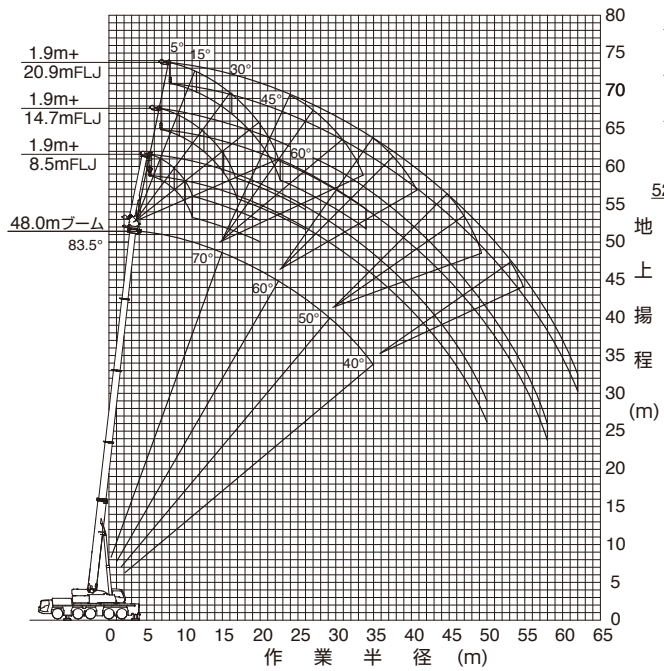
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

43.7mブーム+フルオートラフィングジブ



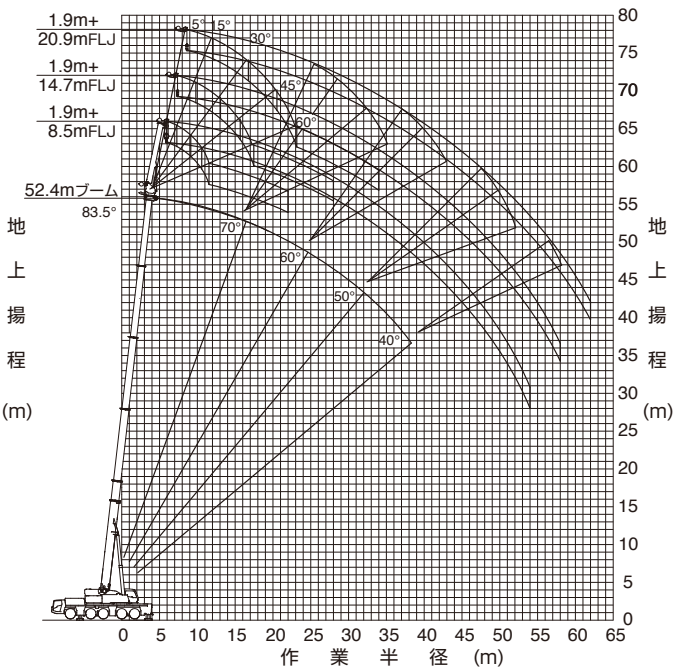
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

48.0mブーム+フルオートラフィングジブ



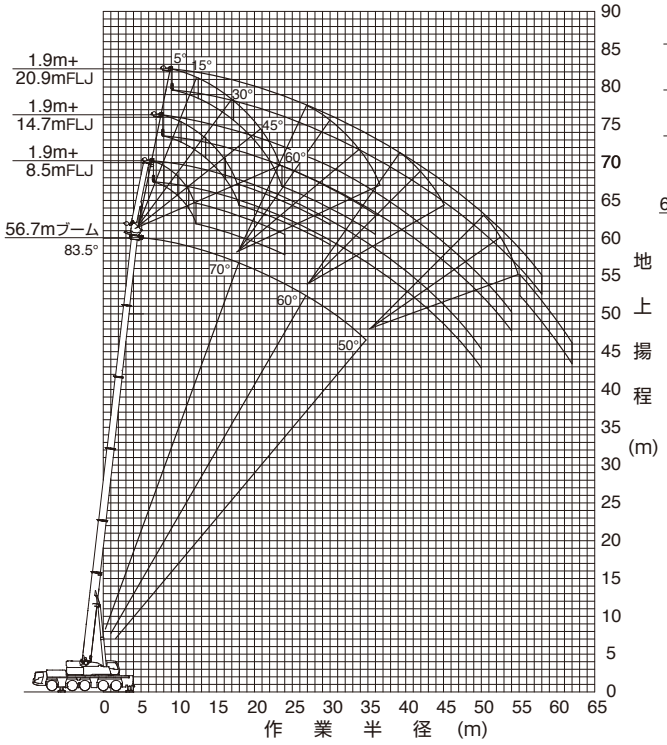
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

52.4mブーム+フルオートラフィングジブ



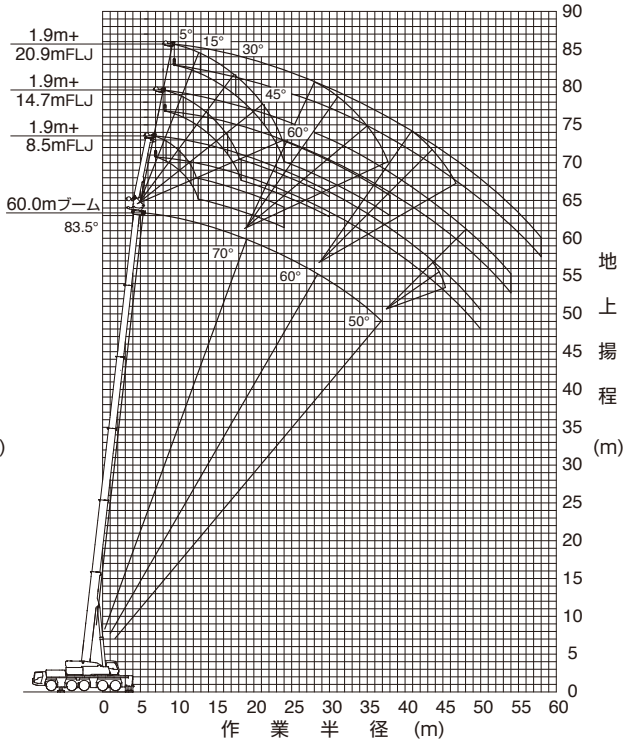
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

56.7mブーム+フルオートラフィングジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

60.0mブーム+フルオートラフィングジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

フルオートラフィングジブ

ブーム＋フルオートラフィングジブ(FLJ)定格総荷重表

■ 定格総荷重表注意事項

◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。

アウトリガ張出幅 ＼ カウンタウエイト	50 t	36 t	24 t	12 t	0 t
8.3 m	○	○	○	○	○
7.0 m	○	○	○	○	
5.6 m		○	○	○	
4.6 m				○	

※同じブーム長さでも、ブームの伸長状態によって定格総荷重が異なります。

◆B ピン（ブーム固定ピン）を挿入していないときの定格総荷重は 22.0tに制限されます。
◆定格総荷重は、つり具質量とフック質量（60tフック: 800kg、26tフック: 450kg、8.7tフック：300kg）を含んだ値を示します。
◆定格総荷重は、ブームとジブのたわみを含んだ実際の作業半径に基づいています。
◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	4本	3本	2本	1本
最大荷重	33.9t	25.5t	17.1t	8.7t

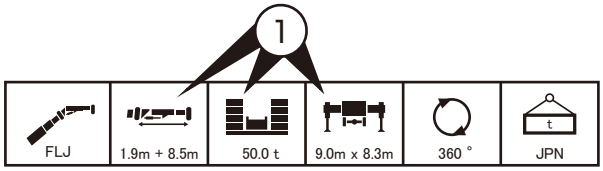
◆定格総荷重はアウトリガを水平堅土上に設置したときの値で、太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。
◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m／s以上の風速では、クレーン作業を中止してください。

定格総荷重表中のシンボル、記号の説明

MB	ブームの定格総荷重を示します。	m	ブーム長さを示します。
FLJ	フルオートラフィングジブ (FLJ) の定格総荷重を示します。		ジブのオフセット角度を示し、ブームの中心線とジブの中心線のなす角度を示します。
	フルオートラフィングジブ (FLJ) のジブ長さを示します。	m	作業半径を示します。
	カウンタウエイト（C/W）組合せを示します。	%	ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
	アウトリガ張出幅を示します。		無負荷状態で作動可能なブーム起伏角度範囲を示します。
360 °	吊上げ可能な旋回範囲を示します。		標準巻掛本数を示します。
t JPN	定格総荷重の単位を示します。		標準フックを示します。

■ 定格総荷重表の見方

1. アウトリガ張出幅とカウンタウエイトの質量とジブ長さに応じた性能を選択します。
2. ブーム長さとIDとオフセット角度の欄を見ます。
3. 作業半径を見ます。
4. オフセット角度と作業半径が交差するところが定格総荷重です。



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.1	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		13.2	12.5	11.9	11.6		20.0
22.0						11.2	11.1	11.1			11.2	11.1	11.1			8.2	7.9	7.7			12.3	11.8	11.5	11.4		22.0
24.0						10.4	10.5	10.8			10.4	10.5	10.8			7.6	7.4	7.2			11.5	11.3	11.2			24.0
26.0						9.8	10.1	10.6			9.8	10.1	10.4			7.0	6.9	6.7			10.7	10.7	10.9			26.0
28.0						9.2	9.7				9.2	9.6				6.5	6.4				10.1	10.3	10.7			28.0
30.0						8.8	9.4				8.7	8.7				6.1	6.1				9.1	9.3				30.0
32.0						7.9					8.0					5.8					7.7	7.8				32.0
34.0																					6.4	6.6				34.0
36.0																					5.4					36.0
38.0																										38.0
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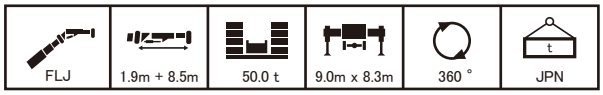
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.1	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		13.2	12.5	11.9	11.6		20.0
22.0						11.2	11.1	11.1			11.2	11.1	11.1			8.2	7.9	7.7			12.3	11.8	11.5	11.4		22.0
24.0						10.4	10.5	10.8			10.4	10.5	10.8			7.6	7.4	7.2			11.5	11.3	11.2			24.0
26.0						9.8	10.1	10.6			9.8	10.1	10.4			7.0	6.9	6.7			10.7	10.7	10.9			26.0
28.0						9.2	9.7				9.2	9.6				6.5	6.4				10.1	10.3	10.7			28.0
30.0						8.8	9.4				8.7	8.7				6.1	6.1				9.1	9.3				30.0
32.0						7.9					8.0					5.8					7.7	7.8				32.0
34.0																					6.4	6.6				34.0
36.0																					5.4					36.0
38.0																										38.0
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3	0	0	0	0		0	0	0	0	0	93	93	93	93	93	0	0	0	0		0	0	0	0	0	3
4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0	0	4
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		16.8	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	17.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		15.5	14.0	12.7	12.0		14.1	14.0	12.9	12.1		9.1	8.9	8.6	8.3		15.8	15.0	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		14.3	13.2	12.3	11.7		12.9	12.8	12.4	11.9		8.3	8.1	8.0	7.8		14.6	14.1	12.8	12.0		20.0
22.0	10.6	10.5	10.3	10.3		13.3	12.5	11.9	11.6		11.8	11.7	11.6	11.6		7.6	7.5	7.3	7.3		13.6	13.3	12.4	11.8		22.0
24.0	9.7	9.6	9.5			12.4	11.9	11.5	11.4		10.8	10.8	10.7	10.7		7.0	6.9	6.7	6.7		12.6	12.4	12.0	11.7		24.0
26.0	8.9	8.9	8.8			11.7	11.4	11.2			10.0	9.9	9.9			6.4	6.3	6.2			11.7	11.6	11.4	11.4		26.0
28.0	8.3	8.2	8.2			10.8	10.9	10.9			9.2	9.2	9.2			5.9	5.9	5.8			10.8	10.8	10.8			28.0
30.0	7.5	7.5				9.2	9.4	9.7			8.4	8.4	8.5			5.5	5.4	5.4			9.3	9.6	9.9			30.0
32.0	6.8	6.8				7.8	8.0	8.2			7.5	7.6	7.7			5.1	5.1	5.0			7.9	8.2	8.5			32.0
34.0	6.1	6.2				6.5	6.7				6.8	6.9				4.8	4.7				6.7	6.9	7.1			34.0
36.0	5.6					5.5	5.6				6.1	6.2				4.5	4.4				5.6	5.8	6.0			36.0
38.0						4.5	4.6				5.5	5.6				4.2	4.2				4.7	4.8				38.0
40.0						3.7					5.0					4.0					3.8	3.9				40.0
42.0																					3.1	3.1				42.0
44.0																					2.4					44.0
46.0																										46.0
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50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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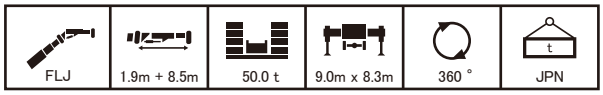
2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	46~83.5	64~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	13.6	13.4	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	12.6	12.4	12.1	11.9		8.0	7.8	7.4	7.2		10.8	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	11.7	11.5	11.4	11.2		7.4	7.2	7.0	6.8		10.1	9.9	9.6	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	10.8	10.7	10.6	10.5		6.9	6.7	6.6	6.5		9.4	9.3	9.0	8.9		8.0	7.7	7.5	7.3		7.7	7.5	7.2	7.0		24.0
26.0	10.1	10.0	9.9	9.9		6.4	6.3	6.1	6.1		8.7	8.6	8.5	8.4		7.5	7.3	7.1	7.0		7.3	7.0	6.8	6.7		26.0
28.0	9.4	9.3	9.3	9.2		6.0	5.9	5.7	5.7		8.1	8.1	8.0	8.0		7.1	6.9	6.7	6.6		6.8	6.6	6.4	6.3		28.0
30.0	8.8	8.8	8.7	8.7		5.6	5.5	5.4	5.4		7.6	7.5	7.5	7.5		6.7	6.5	6.4	6.3		6.5	6.3	6.1	6.0		30.0
32.0	8.2	8.2	8.2			5.3	5.2	5.1			7.1	7.0	7.0	7.0		6.3	6.2	6.0	6.0		6.1	6.0	5.8	5.8		32.0
34.0	6.9	7.2	7.4			4.9	4.9	4.8			6.6	6.6	6.6			5.8	5.8	5.8			5.8	5.7	5.6	5.5		34.0
36.0	5.9	6.1	6.3			4.7	4.6	4.5			6.2	6.2	6.2			5.4	5.4	5.4			5.4	5.4	5.3			36.0
38.0	4.9	5.1	5.3			4.4	4.3	4.3			5.2	5.4	5.6			5.0	5.1	5.1			5.1	5.1	5.1			38.0
40.0	4.1	4.2				4.1	4.1				4.3	4.5	4.7			4.7	4.7	4.7			4.7	4.7	4.7			40.0
42.0	3.3	3.4				3.8	3.8				3.6	3.7	3.9			4.4	4.4	4.4			3.9	4.1	4.2			42.0
44.0	2.6	2.7				3.5	3.6				2.9	3.0				3.7	3.8				3.2	3.4	3.5			44.0
46.0	2.0	2.1				3.2	3.2				2.3	2.4				3.1	3.2				2.6	2.7	2.8			46.0
48.0	1.5					2.9					1.7	1.8				2.5	2.6				2.0	2.1				48.0
50.0											1.2	1.3				2.0	2.1				1.5	1.6				50.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	25~83.5	32~83.5	49~83.5	62~83.5	77~83.5	26~83.5	32~83.5	49~83.5	61~83.5	77~83.5	31~83.5	32~83.5	48~83.5	62~83.5	77~83.5	31~83.5	32~83.5	48~83.5	62~83.5	76~83.5	39~83.5	39~83.5	47~83.5	63~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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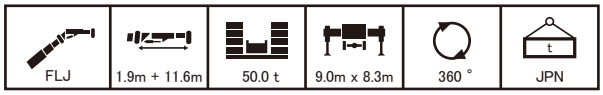
9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.9	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.7	5.6	5.4	5.3		5.5	5.4	5.2	5.0		5.0	4.9	4.8	4.6		28.0
30.0	5.3	5.2	5.1	5.0		5.2	5.1	4.9	4.8		4.7	4.6	4.5	4.4		30.0
32.0	5.0	4.9	4.8	4.8		4.9	4.8	4.7	4.6		4.5	4.4	4.3	4.2		32.0
34.0	4.7	4.7	4.6	4.5		4.6	4.5	4.4	4.4		4.2	4.1	4.0	4.0		34.0
36.0	4.5	4.4	4.3			4.4	4.3	4.2	4.1		4.0	3.9	3.8	3.8		36.0
38.0	4.2	4.2	4.1			4.1	4.0	4.0	3.9		3.7	3.7	3.6	3.6		38.0
40.0	4.0	4.0	3.9			3.9	3.8	3.8			3.4	3.4	3.4	3.4		40.0
42.0	3.8	3.8	3.7			3.7	3.6	3.6			2.9	3.0	3.2			42.0
44.0	3.5	3.5	3.5			3.5	3.5	3.4			2.6	2.7	2.8			44.0
46.0	3.2	3.3	3.3			3.0	3.1	3.3			2.3	2.3	2.4			46.0
48.0	2.9	2.9				2.4	2.5	2.7			1.9	2.0	2.1			48.0
50.0	2.4	2.5				1.9	2.0	2.1			1.6	1.7	1.8			50.0
54.0	1.5	1.5														54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	31~83.5	32~83.5	47~83.5	63~83.5	76~83.5	45~83.5	46~83.5	46~83.5	61~83.5	76~83.5	48~83.5	49~83.5	50~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
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4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		10.7	9.9	9.1	8.6		20.0
22.0	6.1					9.0	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		9.8	9.3	8.8	8.4		22.0
24.0						8.3	8.2	8.1			8.3	8.2	8.1			6.9	6.7	6.5			9.1	8.8	8.4	8.3		24.0
26.0						7.7	7.8	7.9			7.7	7.8	7.9			6.4	6.2	6.1			8.5	8.3	8.2			26.0
28.0						7.2	7.4	7.7			7.2	7.4	7.7			6.0	5.8	5.7			7.9	7.9	7.9			28.0
30.0						6.8	7.1				6.8	7.1				5.6	5.5				7.5	7.5	7.7			30.0
32.0						6.4	6.8				6.4	6.8				5.2	5.1				7.0	7.2	7.6			32.0
34.0						6.1					6.1					5.0					6.7	7.0				34.0
36.0																					6.3	6.5				36.0
38.0																					5.3					38.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		28~83.5	35~83.5	47~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		13.5	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		11.6	10.5	9.4	8.8		11.6	10.5	9.4	8.8		7.9	7.6	7.1	6.9		12.4	11.0	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		10.7	9.9	9.1	8.6		10.7	9.9	9.1	8.6		7.2	7.1	6.7	6.5		11.5	10.4	9.3	8.7		22.0
24.0	9.1	8.8	8.4	8.3		9.9	9.3	8.7	8.4		9.9	9.3	8.7	8.4		6.6	6.5	6.3	6.1		10.7	9.8	9.0	8.5		24.0
26.0	8.5	8.3	8.2	8.1		9.3	8.8	8.4	8.2		9.3	8.8	8.4	8.2		6.1	6.0	5.9	5.8		10.0	9.3	8.7	8.3		26.0
28.0	7.9	7.9	7.8			8.7	8.4	8.2	8.1		8.7	8.4	8.2	8.1		5.7	5.6	5.5	5.5		9.4	8.9	8.4	8.2		28.0
30.0	7.4	7.3	7.3			8.2	8.0	8.0			8.2	8.0	8.0			5.3	5.2	5.1			8.8	8.5	8.2	8.1		30.0
32.0	6.7	6.8	6.8			7.7	7.7	7.8			7.6	7.7	7.7			4.9	4.8	4.8			8.3	8.1	8.0			32.0
34.0	6.1	6.2				7.3	7.4	7.6			6.8	6.9	7.1			4.6	4.5	4.5			7.5	7.8	7.8			34.0
36.0	5.6	5.6				6.3	6.6				6.2	6.3	6.4			4.2	4.2	4.2			6.4	6.7	7.0			36.0
38.0	5.1					5.4	5.6				5.6	5.7				4.0	3.9				5.4	5.6	5.9			38.0
40.0						4.5	4.7				5.1	5.2				3.7	3.7				4.5	4.7				40.0
42.0						3.7					4.6					3.5					3.8	3.9				42.0
44.0																3.3					3.1	3.2				44.0
46.0																					2.4					46.0
48.0																					1.9					48.0
50.0																										50.0
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62.0																										62.0
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3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
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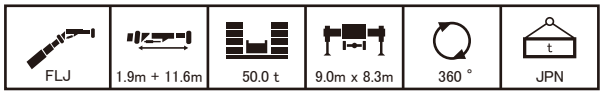
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	28~83.5	35~83.5	47~83.5	60~83.5	75~83.5	28~83.5	35~83.5	50~83.5	61~83.5	77~83.5	28~83.5	35~83.5	45~83.5	61~83.5	77~83.5	21~83.5	35~83.5	46~83.5	61~83.5		21~83.5	34~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	11.9	11.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	11.1	10.9	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	9.5	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	10.3	10.2	9.3	8.6		6.4	6.2	5.9	5.7		8.9	8.7	8.5	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	9.6	9.5	9.0	8.5		6.0	5.8	5.5	5.4		8.4	8.2	8.0	7.9		7.0	6.7	6.5	6.2		6.8	6.5	6.1	5.9		26.0
28.0	9.0	8.9	8.7	8.3		5.6	5.5	5.3	5.1		7.8	7.7	7.5	7.5		6.6	6.4	6.1	6.0		6.4	6.2	5.9	5.7		28.0
30.0	8.5	8.4	8.3	8.2		5.2	5.1	5.0	4.9		7.3	7.3	7.1	7.1		6.2	6.0	5.8	5.7		6.0	5.8	5.6	5.5		30.0
32.0	8.0	7.9	7.8	7.8		4.9	4.8	4.7	4.7		6.9	6.8	6.7	6.7		5.9	5.7	5.5	5.5		5.7	5.5	5.4	5.3		32.0
34.0	7.5	7.4	7.4			4.6	4.5	4.4			6.4	6.4	6.4	6.4		5.6	5.4	5.3	5.2		5.4	5.3	5.1	5.0		34.0
36.0	6.6	6.9	7.0			4.4	4.3	4.2			6.0	6.0	6.0	6.0		5.3	5.2	5.0	5.0		5.2	5.0	4.9	4.8		36.0
38.0	5.6	5.9	6.2			4.1	4.0	4.0			5.7	5.7	5.7			5.0	4.9	4.8			4.9	4.8	4.7	4.6		38.0
40.0	4.7	5.0	5.2			3.9	3.8	3.7			4.9	5.2	5.3			4.7	4.7	4.6			4.7	4.6	4.5			40.0
42.0	4.0	4.2	4.4			3.7	3.6	3.6			4.1	4.4	4.6			4.3	4.4	4.4			4.4	4.4	4.3			42.0
44.0	3.3	3.4				3.5	3.4				3.4	3.6	3.9			4.1	4.1	4.1			3.7	3.9	4.1			44.0
46.0	2.6	2.8				3.2	3.3				2.8	3.0	3.2			3.6	3.8	3.8			3.1	3.3	3.5			46.0
48.0	2.1	2.2				2.9	3.0				2.2	2.4				3.0	3.2				2.5	2.7	2.8			48.0
50.0	1.6					2.6					1.7	1.8				2.5	2.6				2.0	2.1				50.0
54.0																1.6						1.2				54.0
58.0																										58.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	28~83.5	34~83.5	47~83.5	63~83.5	76~83.5	29~83.5	35~83.5	47~83.5	63~83.5	76~83.5	37~83.5	38~83.5	46~83.5	61~83.5	76~83.5	29~83.5	38~83.5	46~83.5	61~83.5	75~83.5	43~83.5	38~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.2	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	5.0	4.9	4.6	4.5		4.9	4.7	4.4	4.3		4.5	4.3	4.1	4.0		30.0
32.0	4.7	4.6	4.4	4.3		4.6	4.4	4.2	4.1		4.2	4.1	3.9	3.8		32.0
34.0	4.5	4.4	4.2	4.1		4.4	4.2	4.0	3.9		4.0	3.9	3.7	3.6		34.0
36.0	4.2	4.1	4.0	4.0		4.1	4.0	3.9	3.8		3.8	3.7	3.6	3.5		36.0
38.0	4.0	3.9	3.8	3.8		3.9	3.8	3.7	3.6		3.6	3.5	3.4	3.3		38.0
40.0	3.8	3.7	3.6			3.7	3.6	3.5	3.5		3.4	3.3	3.2	3.2		40.0
42.0	3.6	3.5	3.4			3.5	3.4	3.3			3.1	3.1	3.0	3.0		42.0
44.0	3.4	3.3	3.3			3.3	3.3	3.2			2.7	2.8	2.9	2.9		44.0
46.0	3.3	3.2	3.1			3.2	3.1	3.0			2.4	2.5	2.6			46.0
48.0	3.0	3.0	3.0			2.9	3.0	2.9			2.1	2.2	2.3			48.0
50.0	2.7	2.8	2.9			2.3	2.5	2.7			1.8	1.9	2.0			50.0
54.0	1.9	2.0				1.4	1.5					1.4	1.5			54.0
58.0	1.1															58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
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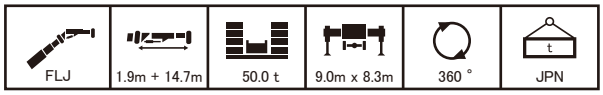
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	29~83.5	38~83.5	46~83.5	62~83.5	77~83.5	43~83.5	44~83.5	51~83.5	63~83.5	77~83.5	51~83.5	48~83.5	49~83.5	61~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		8.1	7.6	7.0	6.6		22.0
24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.5	7.1	6.7	6.4		24.0
26.0	4.4					6.3	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		6.9	6.7	6.4	6.3		26.0
28.0						5.9	5.9	6.0			5.9	5.9	6.0			5.5	5.4	5.2			6.5	6.3	6.2	6.1		28.0
30.0						5.5	5.6	5.8			5.5	5.6	5.8			5.2	5.0	4.9			6.0	6.0	6.0			30.0
32.0						5.1	5.3	5.7			5.1	5.3	5.7			4.8	4.7	4.6			5.7	5.7	5.8			32.0
34.0						4.8	5.1				4.8	5.1				4.6	4.5				5.3	5.5	5.7			34.0
36.0						4.6	5.0				4.6	5.0				4.3	4.2				5.0	5.3				36.0
38.0						4.4					4.4					4.1					4.8	5.1				38.0
40.0																					4.6	4.9				40.0
42.0																					4.4					42.0
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2	0	0	0	0		46	46	46	46		0	0	0	0		0	0	0	0	0	93	93	93	93	93	2
3	0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46	46	0	0	0	0	0	4
5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		9.4	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		8.1	7.5	6.9	6.5		8.1	7.5	6.9	6.5		6.3	6.0	5.7	5.5		8.7	7.9	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		7.5	7.1	6.7	6.4		7.5	7.1	6.7	6.4		5.8	5.6	5.3	5.2		8.1	7.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		7.0	6.7	6.4	6.2		7.0	6.7	6.4	6.2		5.4	5.3	5.0	4.9		7.6	7.1	6.6	6.3		28.0
30.0	6.0	6.0	6.0			6.6	6.4	6.2	6.1		6.6	6.4	6.2	6.1		5.0	4.9	4.8	4.7		7.1	6.8	6.4	6.2		30.0
32.0	5.7	5.7	5.8			6.2	6.1	6.0			6.2	6.1	6.0			4.7	4.6	4.5	4.5		6.7	6.5	6.2	6.1		32.0
34.0	5.3	5.5	5.7			5.8	5.8	5.9			5.8	5.8	5.9			4.3	4.3	4.2			6.3	6.2	6.1	6.1		34.0
36.0	5.0	5.3				5.5	5.6	5.8			5.5	5.6	5.8			4.0	4.0	4.0			6.0	5.9	5.9			36.0
38.0	4.8	5.1				5.2	5.4	5.6			5.2	5.4	5.6			3.8	3.7	3.7			5.7	5.7	5.8			38.0
40.0	4.6	4.7				5.0	5.2				5.0	5.2				3.5	3.5				5.1	5.4	5.7			40.0
42.0	4.3					4.4	4.6				4.7	4.9				3.3	3.3				4.4	4.6	4.9			42.0
44.0						3.7	3.8				4.3	4.4				3.1	3.1				3.7	3.9				44.0
46.0						3.0					3.9					2.9					3.0	3.2				46.0
48.0																					2.4	2.6				48.0
50.0																					1.9					50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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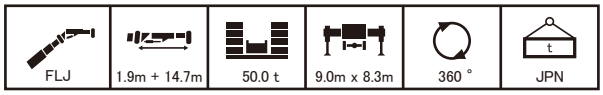
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5		24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	48~83.5	63~83.5	76~83.5	25~83.5	33~83.5	48~83.5	60~83.5		25~83.5	32~83.5	47~83.5	61~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	10.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	9.3	8.3	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	8.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	8.7	7.9	7.1	6.5		5.6	5.3	5.0	4.9	4.8	8.0	7.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	8.1	7.5	6.8	6.4		5.3	5.0	4.8	4.6		7.5	7.3	7.0	6.5		6.1	5.9	5.5	5.2		5.9	5.6	5.2	5.0	4.9	28.0
30.0	7.6	7.1	6.6	6.3		5.0	4.8	4.5	4.4		7.1	6.9	6.7	6.4		5.8	5.6	5.2	5.0		5.6	5.4	5.0	4.8		30.0
32.0	7.2	6.8	6.4	6.2		4.7	4.5	4.3	4.2		6.7	6.5	6.4	6.3		5.5	5.3	5.0	4.9		5.3	5.1	4.8	4.6		32.0
34.0	6.8	6.5	6.2	6.1		4.4	4.3	4.1	4.0		6.3	6.2	6.1	6.0		5.2	5.0	4.8	4.7		5.0	4.9	4.6	4.5		34.0
36.0	6.4	6.2	6.1	6.0		4.1	4.0	3.9	3.9		5.9	5.9	5.8	5.7		4.9	4.8	4.6	4.5		4.8	4.6	4.5	4.3		36.0
38.0	6.1	6.0	5.9			3.9	3.8	3.7			5.5	5.5	5.5	5.5		4.7	4.5	4.4	4.3		4.6	4.4	4.3	4.2		38.0
40.0	5.3	5.6	5.8			3.7	3.6	3.5			5.2	5.2	5.2			4.5	4.3	4.2			4.4	4.2	4.1	4.0		40.0
42.0	4.5	4.8	5.1			3.5	3.4	3.4			4.6	4.9	4.9			4.3	4.2	4.0			4.2	4.0	3.9	3.9		42.0
44.0	3.8	4.1	4.3			3.3	3.2	3.2			3.9	4.2	4.5			4.0	4.0	3.9			4.0	3.9	3.8			44.0
46.0	3.2	3.4				3.1	3.1	3.0			3.3	3.5	3.8			3.7	3.8	3.7			3.5	3.7	3.6			46.0
48.0	2.6	2.8				3.0	2.9				2.7	2.9	3.2			3.4	3.5	3.6			2.9	3.2	3.4			48.0
50.0	2.1	2.2				2.7	2.8				2.2	2.4				3.0	3.2				2.4	2.6	2.9			50.0
54.0	1.1					2.2					1.3	1.4				2.1	2.2				1.5	1.6				54.0
58.0																1.3										58.0
62.0																										62.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	26~83.5	36~83.5	49~83.5	62~83.5	77~83.5	26~83.5	37~83.5	46~83.5	62~83.5	75~83.5	35~83.5	36~83.5	48~83.5	63~83.5	77~83.5	26~83.5	37~83.5	48~83.5	62~83.5	77~83.5	41~83.5	43~83.5	50~83.5	61~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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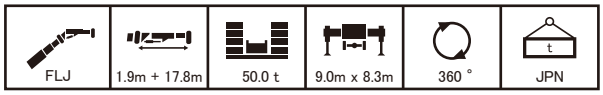
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.7	4.5	4.2	4.1		4.5	4.3	4.0	3.9	3.9	4.2	4.0	3.8	3.6	3.6	30.0
32.0	4.5	4.3	4.0	3.9		4.3	4.1	3.9	3.7		4.0	3.8	3.6	3.5		32.0
34.0	4.2	4.1	3.8	3.7		4.1	3.9	3.7	3.6		3.8	3.6	3.4	3.3		34.0
36.0	4.0	3.9	3.7	3.6		3.9	3.7	3.5	3.4		3.6	3.4	3.3	3.2		36.0
38.0	3.8	3.7	3.5	3.4		3.7	3.5	3.4	3.3		3.4	3.3	3.1	3.0		38.0
40.0	3.6	3.5	3.4	3.3		3.5	3.4	3.2	3.2		3.2	3.1	3.0	2.9		40.0
42.0	3.4	3.3	3.2	3.2		3.3	3.2	3.1	3.0		3.0	3.0	2.9	2.8		42.0
44.0	3.2	3.2	3.1			3.2	3.1	3.0	2.9		2.8	2.8	2.7	2.7		44.0
46.0	3.1	3.0	2.9			3.0	2.9	2.9			2.5	2.6	2.6	2.6		46.0
48.0	2.9	2.9	2.8			2.9	2.8	2.7			2.2	2.3	2.4			48.0
50.0	2.8	2.7	2.7			2.7	2.7	2.6			1.9	2.1	2.2			50.0
54.0	2.3	2.4				1.8	2.0	2.2			1.4	1.6	1.7			54.0
58.0	1.5	1.6														58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	35~83.5	37~83.5	50~83.5	61~83.5	76~83.5	47~83.5	48~83.5	50~83.5	62~83.5	76~83.5	50~83.5	51~83.5	53~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.5	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		5.1	5.0	4.9	4.9		30.0
32.0						4.3	4.4	4.6			4.3	4.4	4.6			4.3	4.4	4.3			4.8	4.8	4.8	4.8		32.0
34.0						4.1	4.2	4.5			4.1	4.2	4.5			4.1	4.1	4.0			4.5	4.5	4.6			34.0
36.0						3.8	4.0				3.8	4.0				3.8	3.9				4.2	4.3	4.5			36.0
38.0						3.6	3.9				3.6	3.9				3.6	3.7				4.0	4.2	4.4			38.0
40.0						3.4					3.4					3.4	3.5				3.8	4.0				40.0
42.0																					3.6	3.9				42.0
44.0																					3.4					44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	0	0	0	0		93	93	93	93		0	0	0	0		0	0	0	0		93	93	93	93	93	1
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4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46		0	0	0	0	0	4
5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		27~83.5	35~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
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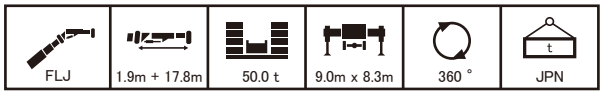
8.0																										8.0
9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.9	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		6.0	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		6.4	6.0	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		5.6	5.3	5.1	4.9		5.6	5.3	5.1	4.9		4.8	4.6	4.4	4.3		6.0	5.7	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		5.2	5.1	4.9	4.8		5.2	5.1	4.9	4.8		4.5	4.4	4.2	4.1		5.6	5.4	5.1	4.9		32.0
34.0	4.5	4.5	4.6			4.9	4.8	4.8	4.8		4.9	4.8	4.8	4.8		4.2	4.1	4.0	3.9		5.3	5.1	4.9	4.8		34.0
36.0	4.2	4.3	4.5			4.6	4.6	4.6			4.6	4.6	4.6			3.9	3.9	3.8			5.0	4.9	4.8	4.8		36.0
38.0	4.0	4.2	4.4			4.3	4.4	4.5			4.3	4.4	4.5			3.7	3.6	3.6			4.7	4.7	4.7			38.0
40.0	3.8	4.0				4.1	4.2	4.4			4.1	4.2	4.4			3.4	3.4	3.4			4.5	4.5	4.6			40.0
42.0	3.6	3.9				3.9	4.1	4.4			3.9	4.1	4.4			3.2	3.2	3.2			4.2	4.3	4.5			42.0
44.0	3.4					3.7	3.9				3.7	3.9				3.0	3.0				4.0	4.2	4.4			44.0
46.0						3.5	3.8				3.5	3.8				2.8	2.8				3.5	3.8				46.0
48.0						3.0					3.4					2.7	2.7				3.0	3.2				48.0
50.0						2.5					3.3					2.5					2.4	2.6				50.0
54.0																					1.5					54.0
58.0																										58.0
62.0																										62.0
1	0	0	0	0	0	93	93	93	93		0	0	0	0		0	0	0	0	0	93	93	93	93	93	1
2	0	0	0	0	0	93	93	93	93		93	93	93	93		0	0	0	0	0	93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46		93	93	93	93		46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0		46	46	46	46		93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	20~83.5	34~83.5	45~83.5	61~83.5		20~83.5	35~83.5	45~83.5	61~83.5		21~83.5	29~83.5	46~83.5	61~83.5	75~83.5	21~83.5	34~83.5	48~83.5	62~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	7.4	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	7.4	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	6.9	6.3	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	6.9	6.8	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	6.4	5.9	5.4	5.1		4.7	4.4	4.2	4.0		6.6	6.4	5.7	5.3	4.9	5.4	5.1	4.7	4.5	4.5	5.2	4.9	4.5	4.3	4.3	30.0
32.0	6.0	5.7	5.3	5.0		4.4	4.2	4.0	3.8		6.3	6.1	5.5	5.1		5.1	4.9	4.5	4.4		5.0	4.7	4.3	4.2	4.1	32.0
34.0	5.7	5.4	5.1	4.9		4.2	4.0	3.8	3.7		5.9	5.8	5.4	5.1		4.9	4.7	4.4	4.2		4.7	4.5	4.2	4.0		34.0
36.0	5.4	5.2	4.9	4.8		3.9	3.8	3.6	3.5		5.6	5.5	5.2	5.0		4.6	4.5	4.2	4.1		4.5	4.3	4.0	3.9		36.0
38.0	5.1	4.9	4.8	4.7		3.7	3.6	3.4	3.4		5.3	5.2	5.1	4.9		4.4	4.3	4.1	4.0		4.3	4.1	3.9	3.8		38.0
40.0	4.8	4.7	4.7	4.7		3.5	3.4	3.3	3.3		5.0	5.0	4.9	4.8		4.2	4.1	3.9	3.8		4.1	4.0	3.8	3.7		40.0
42.0	4.6	4.6	4.6			3.3	3.2	3.2			4.8	4.7	4.7	4.7		4.0	3.9	3.8	3.7		3.9	3.8	3.6	3.5		42.0
44.0	4.3	4.4	4.5			3.1	3.1	3.0			4.4	4.5	4.5			3.8	3.7	3.6			3.7	3.6	3.5	3.4		44.0
46.0	3.6	3.9	4.3			3.0	2.9	2.9			3.7	4.1	4.3			3.7	3.6	3.5			3.6	3.5	3.4			46.0
48.0	3.1	3.3	3.6			2.8	2.8	2.7			3.2	3.4	3.8			3.5	3.4	3.3			3.4	3.3	3.2			48.0
50.0	2.5	2.8				2.7	2.6				2.6	2.9	3.2			3.2	3.3	3.2			2.9	3.2	3.1			50.0
54.0	1.6	1.8				2.3	2.4				1.7	1.9				2.5	2.7				2.0	2.2	2.5			54.0
58.0						1.9										1.7	1.8				1.2	1.4				58.0
62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
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4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
%																										%
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	32~83.5	34~83.5	47~83.5	60~83.5	76~83.5	23~83.5	35~83.5	47~83.5	60~83.5	76~83.5	40~83.5	41~83.5	49~83.5	61~83.5	76~83.5	33~83.5	34~83.5	49~83.5	61~83.5	75~83.5	39~83.5	41~83.5	49~83.5	62~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
4.0																4.0
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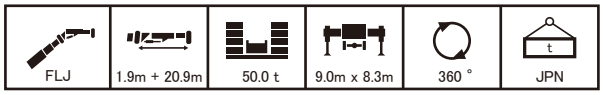
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	4.0	3.7	3.5	3.4		3.8	3.6	3.4	3.3		3.5	3.4	3.2	3.1	3.0	34.0
36.0	3.8	3.6	3.4	3.3		3.6	3.4	3.2	3.1		3.4	3.2	3.0	2.9		36.0
38.0	3.6	3.4	3.2	3.1		3.5	3.3	3.1	3.0		3.2	3.0	2.9	2.8		38.0
40.0	3.4	3.3	3.1	3.0		3.3	3.1	3.0	2.9		3.1	2.9	2.8	2.7		40.0
42.0	3.2	3.1	3.0	2.9		3.2	3.0	2.8	2.8		2.9	2.8	2.6	2.6		42.0
44.0	3.1	3.0	2.8	2.8		3.0	2.9	2.7	2.7		2.7	2.7	2.5	2.5		44.0
46.0	2.9	2.8	2.7			2.9	2.8	2.6	2.6		2.5	2.5	2.4	2.4		46.0
48.0	2.8	2.7	2.6			2.7	2.6	2.5	2.5		2.3	2.4	2.3	2.3		48.0
50.0	2.6	2.6	2.5			2.6	2.5	2.4			2.1	2.1	2.2	2.2		50.0
54.0	2.4	2.4	2.3			2.2	2.3	2.2			1.6	1.7	1.8			54.0
58.0	1.8	2.0				1.4	1.6	1.8					1.4			58.0
62.0	1.1	1.3														62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
%																%
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	33~83.5	34~83.5	49~83.5	62~83.5	75~83.5	45~83.5	47~83.5	48~83.5	61~83.5	77~83.5	53~83.5	54~83.5	51~83.5	61~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	5.6																									7.0
8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6						5.6					5.6				10.0
11.0	5.6	5.6				5.6					5.6						5.6					5.6				11.0
12.0	5.6	5.6				5.6					5.6						5.6					5.6				12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6				5.6	5.6			14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6					5.6	5.6				5.6	5.6			16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6				5.6	5.6			18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.6	5.3			5.6	5.6	5.5		20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6			5.6	5.5	5.0			5.6	5.6	5.2		22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9		5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5	24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9		4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3	26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1			4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2	28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0			4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1	30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9			3.9	3.9	4.0	3.9		4.3	4.2	4.1	4.0	32.0
34.0						3.6	3.7	3.8			3.6	3.7	3.8				3.6	3.7	3.7			4.0	4.0	4.0	3.9	34.0
36.0						3.4	3.5	3.7			3.4	3.5	3.7				3.4	3.5	3.5			3.8	3.8	3.9		36.0
38.0						3.2	3.4	3.6			3.2	3.4	3.6				3.2	3.4	3.3			3.5	3.6	3.7		38.0
40.0						3.0	3.2				3.0	3.2					3.0	3.2				3.3	3.5	3.6		40.0
42.0						2.8	3.1				2.8	3.1					2.8	3.1				3.1	3.3	3.5		42.0
44.0						2.7					2.7						2.7					3.0	3.2			44.0
46.0																						2.8	3.1			46.0
48.0																						2.7				48.0
50.0																										50.0
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58.0																										58.0
62.0																										62.0
1	0	0	0	0		93	93	93	93	93	0	0	0	0	0	0	0	0	0	0		93	93	93	93	1
2	0	0	0	0		46	46	46	46	46	0	0	0	0	0	0	0	0	0	0		93	93	93	93	2
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46	46		0	0	0	0	4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93	93		0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17	17		95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5			24~83.5	32~83.5	44~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			8.7t	8.7t	8.7t	8.7t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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4.5																										4.5
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10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
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14.0	5.6	5.6				5.6					5.6						5.6					5.6				14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6				5.6	5.6			16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6				5.6	5.6			18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6				5.6	5.6			20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.5	5.1			5.6	5.6	5.4		22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5			5.4	5.1	4.8			5.6	5.6	5.2		24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9		5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5	26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9		4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		5.0	4.8	4.5	4.2		5.0	4.8	4.5	4.2			4.5	4.3	4.1	4.0	3.8	5.4	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.7	4.5	4.3	4.1		4.7	4.5	4.3	4.1			4.3	4.1	3.9	3.8		5.1	4.8	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		4.4	4.3	4.1	4.0		4.4	4.3	4.1	4.0			4.0	3.8	3.7	3.6		4.7	4.5	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		4.1	4.1	4.0	3.9		4.1	4.1	4.0	3.9			3.8	3.6	3.5	3.4		4.5	4.3	4.1	4.0		36.0
38.0	3.5	3.6	3.7			3.9	3.9	3.9	3.9		3.9	3.9	3.9	3.9			3.5	3.5	3.3	3.3		4.2	4.1	4.0	3.9		38.0
40.0	3.3	3.5	3.6			3.6	3.7	3.8			3.6	3.7	3.8				3.3	3.3	3.2			4.0	3.9	3.9	3.9		40.0
42.0	3.1	3.3	3.5			3.4	3.5	3.7			3.4	3.5	3.7				3.1	3.1	3.0			3.7	3.8	3.8			42.0
44.0	3.0	3.2				3.3	3.4	3.6			3.3	3.4	3.6				2.9	2.9	2.9			3.5	3.6	3.7			44.0
46.0	2.8	3.1				3.1	3.3				3.1	3.3					2.8	2.7	2.7			3.4	3.5	3.6			46.0
48.0	2.7					2.9	3.2				2.9	3.2					2.6	2.6				3.2	3.4	3.5			48.0
50.0						2.8	3.1				2.8	3.1					2.5	2.4				3.0	3.2				50.0
54.0																						2.0	2.2				54.0
58.0																											58.0
62.0																											62.0
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3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46		93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93		0	0	0	0	0	4
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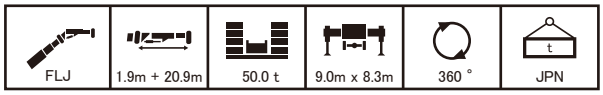
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19		90	90	90	90	90	ID
[DEG]	25~83.5	33~83.5	45~83.5	59~83.5	74~83.5	31~83.5	33~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	44~83.5	60~83.5	74~83.5		31~83.5	32~83.5	47~83.5	61~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
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12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	5.6	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	5.4	5.0	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	5.6	5.1	4.6	4.3	3.8	4.8	4.4	4.1	4.0	3.8	4.6	4.3	4.0	3.8	3.8	32.0
34.0	5.1	4.8	4.4	4.1		3.9	3.7	3.5	3.4		5.4	4.9	4.4	4.2	3.8	4.6	4.3	4.0	3.8	3.8	4.4	4.1	3.8	3.7	3.6	34.0
36.0	4.8	4.5	4.3	4.0		3.7	3.5	3.3	3.2		5.1	4.8	4.3	4.1		4.4	4.1	3.8	3.7		4.2	3.9	3.7	3.5		36.0
38.0	4.5	4.3	4.1	4.0		3.5	3.3	3.2	3.1		4.8	4.6	4.2	4.0		4.2	3.9	3.7	3.6		4.1	3.8	3.5	3.4		38.0
40.0	4.3	4.2	4.0	3.9		3.4	3.2	3.0	3.0		4.6	4.4	4.1	4.0		4.0	3.8	3.6	3.5		3.9	3.7	3.4	3.3		40.0
42.0	4.0	4.0	3.9	3.9		3.2	3.1	2.9	2.9		4.3	4.2	4.0	3.9		3.8	3.7	3.4	3.4		3.7	3.5	3.3	3.2		42.0
44.0	3.8	3.8	3.8			3.0	2.9	2.8	2.8		4.1	4.0	3.9	3.9		3.6	3.5	3.3	3.3		3.5	3.4	3.2	3.1		44.0
46.0	3.6	3.7	3.7			2.8	2.8	2.7			3.9	3.9	3.8	3.8		3.5	3.3	3.2	3.2		3.4	3.3	3.1	3.0		46.0
48.0	3.5	3.5	3.6			2.7	2.6	2.6			3.7	3.7	3.7			3.3	3.2	3.1			3.2	3.1	3.0	2.9		48.0
50.0	3.1	3.4	3.6			2.6	2.5	2.5			3.2	3.5	3.7			3.2	3.1	3.0			3.1	3.0	2.9			50.0
54.0	2.1	2.4				2.3	2.3				2.2	2.5	2.8			2.8	2.9	2.8			2.4	2.7	2.7			54.0
58.0	1.3	1.5				2.0	2.1				1.4	1.6				2.1	2.2				1.6	1.8	2.0			58.0
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2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	31~83.5	32~83.5	49~83.5	62~83.5	75~83.5	20~83.5	33~83.5	49~83.5	59~83.5	75~83.5	38~83.5	40~83.5	49~83.5	60~83.5	75~83.5	31~83.5	33~83.5	48~83.5	60~83.5	75~83.5	44~83.5	46~83.5	48~83.5	61~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
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4.5																4.5
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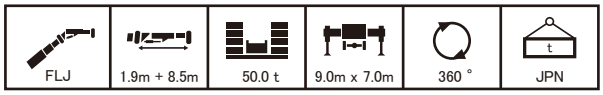
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0	3.3	3.1	2.9	2.8	2.8	34.0
36.0	3.5	3.3	3.1	3.0		3.4	3.2	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.7	36.0
38.0	3.3	3.2	3.0	2.9		3.2	3.0	2.9	2.8		3.0	2.8	2.7	2.6	2.6	38.0
40.0	3.2	3.0	2.9	2.8		3.1	2.9	2.7	2.7		2.9	2.7	2.6	2.5		40.0
42.0	3.0	2.9	2.7	2.7		2.9	2.8	2.6	2.6		2.7	2.6	2.4	2.4		42.0
44.0	2.9	2.8	2.6	2.6		2.8	2.7	2.5	2.5		2.6	2.5	2.3	2.3		44.0
46.0	2.8	2.7	2.5	2.5		2.7	2.6	2.4	2.4		2.5	2.4	2.2	2.2		46.0
48.0	2.6	2.5	2.4	2.4		2.6	2.4	2.3	2.3		2.3	2.3	2.1	2.1		48.0
50.0	2.5	2.4	2.3			2.5	2.3	2.2	2.2		2.1	2.2	2.1	2.0		50.0
54.0	2.3	2.2	2.2			2.2	2.2	2.1			1.7	1.8	1.9	1.9		54.0
58.0	2.1	2.0	2.0			1.7	1.9	1.9			1.3	1.4	1.5			58.0
62.0	1.5	1.6						1.4								62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	39~83.5	40~83.5	48~83.5	61~83.5	77~83.5	49~83.5	51~83.5	47~83.5	62~83.5	76~83.5	51~83.5	53~83.5	55~83.5	60~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.1	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		13.2	12.5	11.9	11.6		20.0
22.0						11.2	11.1	11.1			11.2	11.1	11.1			8.2	7.9	7.7			12.3	11.8	11.5	11.4		22.0
24.0						10.4	10.5	10.8			10.4	10.5	10.8			7.6	7.4	7.2			11.5	11.3	11.2			24.0
26.0						9.8	10.1	10.6			9.8	10.1	10.4			7.0	6.9	6.7			10.3	10.6	10.9			26.0
28.0						8.9	9.0				9.2	9.6				6.5	6.4				8.7	8.9	9.2			28.0
30.0						7.4	7.5				8.7	8.7				6.1	6.1				7.2	7.4				30.0
32.0						6.1					8.0					5.8					5.9	6.1				32.0
34.0																					4.8	4.9				34.0
36.0																					3.8					36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
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46.0																										46.0
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50.0																										50.0
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58.0																										58.0
62.0																										62.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		23~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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3.0																										3.0
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		16.8	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	17.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		15.5	14.0	12.7	12.0		14.1	14.0	12.9	12.1		9.1	8.9	8.6	8.3		15.8	15.0	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		14.3	13.2	12.3	11.7		12.9	12.8	12.4	11.9		8.3	8.1	8.0	7.8		14.6	14.1	12.8	12.0		20.0
22.0	10.6	10.5	10.3	10.3		13.3	12.5	11.9	11.6		11.8	11.7	11.6	11.6		7.6	7.5	7.3	7.3		13.6	13.3	12.4	11.8		22.0
24.0	9.7	9.6	9.5			12.4	11.9	11.5	11.4		10.8	10.8	10.7	10.7		7.0	6.9	6.7	6.7		12.5	12.4	12.0	11.7		24.0
26.0	8.9	8.9	8.8			10.4	10.7	11.1			10.0	9.9	9.9			6.4	6.3	6.2			10.6	10.9	11.4	11.4		26.0
28.0	8.3	8.2	8.2			8.8	9.1	9.4			9.2	9.2	9.2			5.9	5.9	5.8			8.9	9.2	9.6			28.0
30.0	7.5	7.5				7.3	7.5	7.8			8.4	8.4	8.5			5.5	5.4	5.4			7.4	7.7	8.1			30.0
32.0	6.8	6.8				6.0	6.2	6.4			7.5	7.6	7.7			5.1	5.1	5.0			6.1	6.4	6.7			32.0
34.0	6.1	6.2				4.9	5.1				6.3	6.5				4.8	4.7				5.0	5.3	5.5			34.0
36.0	5.6					3.9	4.1				5.4	5.5				4.5	4.4				4.1	4.2	4.4			36.0
38.0						3.1	3.2				4.5	4.6				4.2	4.2				3.2	3.3				38.0
40.0						2.3					3.7					4.0					2.4	2.6				40.0
42.0																					1.8	1.8				42.0
44.0																					1.1					44.0
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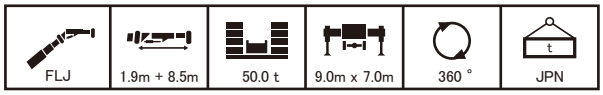
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	47~83.5	63~83.5	76~83.5	24~83.5	31~83.5	46~83.5	64~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



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9.0																										9.0
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11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	13.6	13.4	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	12.6	12.4	12.1	11.9		8.0	7.8	7.4	7.2		10.8	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	11.7	11.5	11.4	11.2		7.4	7.2	7.0	6.8		10.1	9.9	9.6	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	10.8	10.7	10.6	10.5		6.9	6.7	6.6	6.5		9.4	9.3	9.0	8.9		8.0	7.7	7.5	7.3		7.7	7.5	7.2	7.0		24.0
26.0	10.1	10.0	9.9	9.9		6.4	6.3	6.1	6.1		8.7	8.6	8.5	8.4		7.5	7.3	7.1	7.0		7.3	7.0	6.8	6.7		26.0
28.0	9.1	9.3	9.3	9.2		6.0	5.9	5.7	5.7		8.1	8.1	8.0	8.0		7.1	6.9	6.7	6.6		6.8	6.6	6.4	6.3		28.0
30.0	7.7	8.0	8.4	8.5		5.6	5.5	5.4	5.4		7.6	7.5	7.5	7.5		6.7	6.5	6.4	6.3		6.5	6.3	6.1	6.0		30.0
32.0	6.4	6.7	7.0			5.3	5.2	5.1			6.7	7.0	7.0	7.0		6.3	6.2	6.0	6.0		6.1	6.0	5.8	5.8		32.0
34.0	5.3	5.5	5.8			4.9	4.9	4.8			5.6	5.9	6.1			5.8	5.8	5.8			5.8	5.7	5.6	5.5		34.0
36.0	4.3	4.5	4.7			4.7	4.6	4.5			4.6	4.8	5.1			5.4	5.4	5.4			4.9	5.2	5.3			36.0
38.0	3.4	3.6	3.8			4.4	4.3	4.3			3.7	3.9	4.2			4.6	4.8	5.0			4.1	4.3	4.5			38.0
40.0	2.7	2.8				4.1	4.1				3.0	3.1	3.3			3.8	4.0	4.1			3.3	3.5	3.7			40.0
42.0	2.0	2.1				3.8	3.8				2.3	2.4	2.6			3.1	3.2	3.4			2.6	2.8	2.9			42.0
44.0	1.4	1.5				3.5	3.6				1.7	1.8				2.5	2.6				2.0	2.1	2.2			44.0
46.0						3.0	3.0					1.2				1.9	2.0					1.5	1.6			46.0
48.0						2.5										1.4	1.5									48.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	35~83.5	36~83.5	48~83.5	62~83.5	77~83.5	26~83.5	32~83.5	49~83.5	61~83.5	77~83.5	42~83.5	39~83.5	47~83.5	62~83.5	77~83.5	35~83.5	36~83.5	47~83.5	62~83.5	76~83.5	48~83.5	45~83.5	46~83.5	63~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.9	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.7	5.6	5.4	5.3		5.5	5.4	5.2	5.0		5.0	4.9	4.8	4.6		28.0
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32.0	5.0	4.9	4.8	4.8		4.9	4.8	4.7	4.6		4.5	4.4	4.3	4.2		32.0
34.0	4.7	4.7	4.6	4.5		4.6	4.5	4.4	4.4		4.2	4.1	4.0	4.0		34.0
36.0	4.5	4.4	4.3			4.4	4.3	4.2	4.1		4.0	3.9	3.8	3.8		36.0
38.0	4.2	4.2	4.1			4.1	4.0	4.0	3.9		3.7	3.7	3.6	3.6		38.0
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44.0	2.9	3.0	3.1			2.4	2.5	2.7			2.3	2.5	2.7			44.0
46.0	2.3	2.4	2.5			1.8	1.9	2.1					2.1			46.0
48.0	1.8	1.9														48.0
50.0	1.3	1.4														50.0
54.0																54.0
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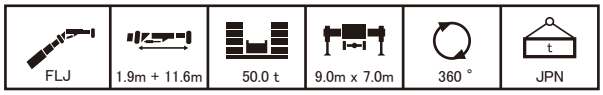
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	38~83.5	39~83.5	46~83.5	63~83.5	76~83.5	50~83.5	50~83.5	51~83.5	61~83.5	76~83.5	55~83.5	56~83.5	55~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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4.5	14.6																									4.5
5.0	14.6																									5.0
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7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
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16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		10.7	9.9	9.1	8.6		20.0
22.0	6.1					9.0	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		9.8	9.3	8.8	8.4		22.0
24.0						8.3	8.2	8.1			8.3	8.2	8.1			6.9	6.7	6.5			9.1	8.8	8.4	8.3		24.0
26.0						7.7	7.8	7.9			7.7	7.8	7.9			6.4	6.2	6.1			8.5	8.3	8.2			26.0
28.0						7.2	7.4	7.7			7.2	7.4	7.7			6.0	5.8	5.7			7.9	7.9	7.9			28.0
30.0						6.8	7.1				6.8	7.1				5.6	5.5				7.5	7.5	7.7			30.0
32.0						6.4	6.8				6.4	6.8				5.2	5.1				6.9	7.2	7.5			32.0
34.0						6.0					6.1					5.0					5.7	6.0				34.0
36.0																					4.7	4.9				36.0
38.0																					3.8					38.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		27~83.5	35~83.5	47~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		13.5	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		11.6	10.5	9.4	8.8		11.6	10.5	9.4	8.8		7.9	7.6	7.1	6.9		12.4	11.0	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		10.7	9.9	9.1	8.6		10.7	9.9	9.1	8.6		7.2	7.1	6.7	6.5		11.5	10.4	9.3	8.7		22.0
24.0	9.1	8.8	8.4	8.3		9.9	9.3	8.7	8.4		9.9	9.3	8.7	8.4		6.6	6.5	6.3	6.1		10.7	9.8	9.0	8.5		24.0
26.0	8.5	8.3	8.2	8.1		9.3	8.8	8.4	8.2		9.3	8.8	8.4	8.2		6.1	6.0	5.9	5.8		10.0	9.3	8.7	8.3		26.0
28.0	7.9	7.9	7.8			8.7	8.4	8.2	8.1		8.7	8.4	8.2	8.1		5.7	5.6	5.5	5.5		9.4	8.9	8.4	8.2		28.0
30.0	7.4	7.3	7.3			8.2	8.0	8.0			8.2	8.0	8.0			5.3	5.2	5.1			8.2	8.5	8.2	8.1		30.0
32.0	6.7	6.8	6.8			6.9	7.3	7.6			7.6	7.7	7.7			4.9	4.8	4.8			6.9	7.3	7.8			32.0
34.0	6.1	6.2				5.8	6.1	6.4			6.8	6.9	7.1			4.6	4.5	4.5			5.8	6.1	6.5			34.0
36.0	5.6	5.6				4.8	5.0				6.1	6.3	6.4			4.2	4.2	4.2			4.8	5.1	5.4			36.0
38.0	5.1					3.9	4.1				5.2	5.3				4.0	3.9				3.9	4.2	4.4			38.0
40.0						3.1	3.3				4.4	4.5				3.7	3.7				3.2	3.4				40.0
42.0						2.4					3.7					3.5					2.5	2.6				42.0
44.0																3.3					1.8	2.0				44.0
46.0																					1.3					46.0
48.0																										48.0
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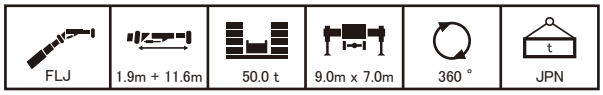
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	28~83.5	35~83.5	47~83.5	60~83.5	75~83.5	27~83.5	34~83.5	49~83.5	61~83.5	77~83.5	28~83.5	34~83.5	45~83.5	61~83.5	77~83.5	21~83.5	35~83.5	46~83.5	61~83.5		28~83.5	34~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



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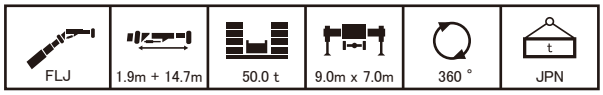
11.0	13.7					8.6										10.1										11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	11.9	11.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	11.1	10.9	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	9.5	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	10.3	10.2	9.3	8.6		6.4	6.2	5.9	5.7		8.9	8.7	8.5	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	9.6	9.5	9.0	8.5		6.0	5.8	5.5	5.4		8.4	8.2	8.0	7.9		7.0	6.7	6.5	6.2		6.8	6.5	6.1	5.9		26.0
28.0	9.0	8.9	8.7	8.3		5.6	5.5	5.3	5.1		7.8	7.7	7.5	7.5		6.6	6.4	6.1	6.0		6.4	6.2	5.9	5.7		28.0
30.0	8.4	8.4	8.3	8.2		5.2	5.1	5.0	4.9		7.3	7.3	7.1	7.1		6.2	6.0	5.8	5.7		6.0	5.8	5.6	5.5		30.0
32.0	7.1	7.5	7.8	7.8		4.9	4.8	4.7	4.7		6.9	6.8	6.7	6.7		5.9	5.7	5.5	5.5		5.7	5.5	5.4	5.3		32.0
34.0	6.0	6.4	6.8			4.6	4.5	4.4			6.2	6.4	6.4	6.4		5.6	5.4	5.3	5.2		5.4	5.3	5.1	5.0		34.0
36.0	5.0	5.3	5.7			4.4	4.3	4.2			5.2	5.5	5.9	6.0		5.3	5.2	5.0	5.0		5.2	5.0	4.9	4.8		36.0
38.0	4.1	4.4	4.7			4.1	4.0	4.0			4.3	4.6	4.9			5.0	4.9	4.8			4.6	4.8	4.7	4.6		38.0
40.0	3.4	3.6	3.9			3.9	3.8	3.7			3.5	3.8	4.1			4.3	4.6	4.6			3.8	4.1	4.4			40.0
42.0	2.7	2.9	3.1			3.7	3.6	3.6			2.8	3.1	3.3			3.6	3.8	4.1			3.1	3.3	3.6			42.0
44.0	2.0	2.2				3.5	3.4				2.2	2.4	2.6			3.0	3.2	3.4			2.4	2.7	2.9			44.0
46.0	1.5	1.6				3.2	3.3				1.6	1.8	2.0			2.4	2.6	2.7			1.9	2.1	2.3			46.0
48.0						2.9	3.0					1.3				1.9	2.0					1.5	1.7			48.0
50.0						2.5										1.4	1.5									50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	37~83.5	38~83.5	47~83.5	63~83.5	76~83.5	29~83.5	35~83.5	47~83.5	63~83.5	76~83.5	43~83.5	41~83.5	46~83.5	61~83.5	76~83.5	37~83.5	38~83.5	46~83.5	61~83.5	75~83.5	48~83.5	47~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.2	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	5.0	4.9	4.6	4.5		4.9	4.7	4.4	4.3		4.5	4.3	4.1	4.0		30.0
32.0	4.7	4.6	4.4	4.3		4.6	4.4	4.2	4.1		4.2	4.1	3.9	3.8		32.0
34.0	4.5	4.4	4.2	4.1		4.4	4.2	4.0	3.9		4.0	3.9	3.7	3.6		34.0
36.0	4.2	4.1	4.0	4.0		4.1	4.0	3.9	3.8		3.8	3.7	3.6	3.5		36.0
38.0	4.0	3.9	3.8	3.8		3.9	3.8	3.7	3.6		3.6	3.5	3.4	3.3		38.0
40.0	3.8	3.7	3.6			3.7	3.6	3.5	3.5		3.4	3.3	3.2	3.2		40.0
42.0	3.6	3.5	3.4			3.5	3.4	3.3			3.1	3.1	3.0	3.0		42.0
44.0	3.3	3.3	3.3			2.8	3.1	3.2			2.7	2.8	2.9	2.9		44.0
46.0	2.7	2.9	3.1			2.3	2.5	2.7			2.2	2.4	2.6			46.0
48.0	2.2	2.4	2.5			1.7	1.9	2.1					2.1			48.0
50.0	1.7	1.9	2.0													50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	43~83.5	44~83.5	45~83.5	62~83.5	77~83.5	50~83.5	52~83.5	53~83.5	63~83.5	77~83.5	56~83.5	57~83.5	56~83.5	61~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5	13.9																									4.5
5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		8.1	7.6	7.0	6.6		22.0
24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.5	7.1	6.7	6.4		24.0
26.0	4.4					6.3	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		6.9	6.7	6.4	6.3		26.0
28.0						5.9	5.9	6.0			5.9	5.9	6.0			5.5	5.4	5.2			6.5	6.3	6.2	6.1		28.0
30.0						5.5	5.6	5.8			5.5	5.6	5.8			5.2	5.0	4.9			6.0	6.0	6.0			30.0
32.0						5.1	5.3	5.7			5.1	5.3	5.7			4.8	4.7	4.6			5.7	5.7	5.8			32.0
34.0						4.8	5.1				4.8	5.1				4.6	4.5				5.3	5.5	5.7			34.0
36.0						4.6	5.0				4.6	5.0				4.3	4.2				5.0	5.3				36.0
38.0						4.4					4.4					4.1					4.6	4.8				38.0
40.0																					3.8	3.9				40.0
42.0																					3.1					42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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3	0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46	46	0	0	0	0	0	4
5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		9.4	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		8.1	7.5	6.9	6.5		8.1	7.5	6.9	6.5		6.3	6.0	5.7	5.5		8.7	7.9	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		7.5	7.1	6.7	6.4		7.5	7.1	6.7	6.4		5.8	5.6	5.3	5.2		8.1	7.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		7.0	6.7	6.4	6.2		7.0	6.7	6.4	6.2		5.4	5.3	5.0	4.9		7.6	7.1	6.6	6.3		28.0
30.0	6.0	6.0	6.0			6.6	6.4	6.2	6.1		6.6	6.4	6.2	6.1		5.0	4.9	4.8	4.7		7.1	6.8	6.4	6.2		30.0
32.0	5.7	5.7	5.8			6.2	6.1	6.0			6.2	6.1	6.0			4.7	4.6	4.5	4.5		6.7	6.5	6.2	6.1		32.0
34.0	5.3	5.5	5.7			5.8	5.8	5.9			5.8	5.8	5.9			4.3	4.3	4.2			6.3	6.2	6.1	6.1		34.0
36.0	5.0	5.3				5.4	5.6	5.8			5.5	5.6	5.8			4.0	4.0	4.0			5.4	5.8	5.9			36.0
38.0	4.8	5.1				4.6	4.9	5.2			5.2	5.4	5.6			3.8	3.7	3.7			4.5	4.9	5.3			38.0
40.0	4.6	4.7				3.8	4.0				4.9	5.2				3.5	3.5				3.8	4.1	4.4			40.0
42.0	4.3					3.1	3.3				4.2	4.4				3.3	3.3				3.0	3.3	3.6			42.0
44.0						2.4	2.6				3.6	3.7				3.1	3.1				2.4	2.6				44.0
46.0						1.9					3.0					2.9					1.8	2.0				46.0
48.0																					1.3	1.4				48.0
50.0																										50.0
54.0																										54.0
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62.0																										62.0
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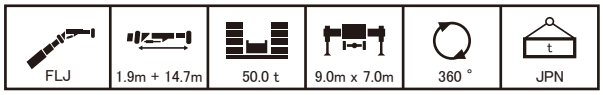
3	93	93	93	93		46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
4	93	93	93	93		0	0	0	0	0	46	46	46	46	46	93	93	93	93		0	0	0	0	0	4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5		24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	24~83.5	32~83.5	48~83.5	63~83.5	76~83.5	25~83.5	33~83.5	48~83.5	60~83.5		30~83.5	31~83.5	46~83.5	61~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	10.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	9.3	8.3	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	8.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	8.7	7.9	7.1	6.5		5.6	5.3	5.0	4.9	4.8	8.0	7.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	8.1	7.5	6.8	6.4		5.3	5.0	4.8	4.6		7.5	7.3	7.0	6.5		6.1	5.9	5.5	5.2		5.9	5.6	5.2	5.0	4.9	28.0
30.0	7.6	7.1	6.6	6.3		5.0	4.8	4.5	4.4		7.1	6.9	6.7	6.4		5.8	5.6	5.2	5.0		5.6	5.4	5.0	4.8		30.0
32.0	7.2	6.8	6.4	6.2		4.7	4.5	4.3	4.2		6.7	6.5	6.4	6.3		5.5	5.3	5.0	4.9		5.3	5.1	4.8	4.6		32.0
34.0	6.6	6.5	6.2	6.1		4.4	4.3	4.1	4.0		6.3	6.2	6.1	6.0		5.2	5.0	4.8	4.7		5.0	4.9	4.6	4.5		34.0
36.0	5.6	6.0	6.1	6.0		4.1	4.0	3.9	3.9		5.7	5.9	5.8	5.7		4.9	4.8	4.6	4.5		4.8	4.6	4.5	4.3		36.0
38.0	4.7	5.1	5.5			3.9	3.8	3.7			4.8	5.2	5.5	5.5		4.7	4.5	4.4	4.3		4.6	4.4	4.3	4.2		38.0
40.0	3.9	4.2	4.6			3.7	3.6	3.5			4.0	4.4	4.8			4.5	4.3	4.2			4.2	4.2	4.1	4.0		40.0
42.0	3.2	3.5	3.8			3.5	3.4	3.4			3.3	3.6	4.0			4.2	4.2	4.0			3.5	3.9	3.9	3.9		42.0
44.0	2.6	2.8	3.1			3.3	3.2	3.2			2.7	3.0	3.3			3.6	3.8	3.9			2.9	3.2	3.6			44.0
46.0	2.0	2.2				3.1	3.1	3.0			2.1	2.4	2.6			3.0	3.2	3.5			2.3	2.6	2.9			46.0
48.0	1.5	1.7				3.0	2.9				1.6	1.8	2.0			2.4	2.7	2.9			1.8	2.0	2.3			48.0
50.0		1.1				2.7	2.8					1.3				2.0	2.1						1.8			50.0
54.0						2.1										1.1	1.2									54.0
58.0																										58.0
62.0																										62.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	38~83.5	36~83.5	49~83.5	62~83.5	77~83.5	26~83.5	37~83.5	46~83.5	62~83.5	75~83.5	44~83.5	43~83.5	47~83.5	63~83.5	77~83.5	34~83.5	36~83.5	48~83.5	62~83.5	77~83.5	49~83.5	51~83.5	50~83.5	61~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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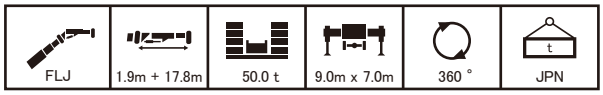
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.7	4.5	4.2	4.1		4.5	4.3	4.0	3.9	3.9	4.2	4.0	3.8	3.6	3.6	30.0
32.0	4.5	4.3	4.0	3.9		4.3	4.1	3.9	3.7		4.0	3.8	3.6	3.5		32.0
34.0	4.2	4.1	3.8	3.7		4.1	3.9	3.7	3.6		3.8	3.6	3.4	3.3		34.0
36.0	4.0	3.9	3.7	3.6		3.9	3.7	3.5	3.4		3.6	3.4	3.3	3.2		36.0
38.0	3.8	3.7	3.5	3.4		3.7	3.5	3.4	3.3		3.4	3.3	3.1	3.0		38.0
40.0	3.6	3.5	3.4	3.3		3.5	3.4	3.2	3.2		3.2	3.1	3.0	2.9		40.0
42.0	3.4	3.3	3.2	3.2		3.3	3.2	3.1	3.0		3.0	3.0	2.9	2.8		42.0
44.0	3.2	3.2	3.1			3.2	3.1	3.0	2.9		2.8	2.8	2.7	2.7		44.0
46.0	3.1	3.0	2.9			2.7	2.9	2.9			2.5	2.6	2.6	2.6		46.0
48.0	2.6	2.9	2.8			2.1	2.4	2.7			2.1	2.3	2.4			48.0
50.0	2.1	2.3	2.6				1.9	2.2					2.1			50.0
54.0	1.3	1.4														54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	41~83.5	43~83.5	50~83.5	61~83.5	76~83.5	53~83.5	53~83.5	54~83.5	62~83.5	76~83.5	56~83.5	58~83.5	57~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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2.5																										2.5
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7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.5	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		5.1	5.0	4.9	4.9		30.0
32.0						4.3	4.4	4.6			4.3	4.4	4.6			4.3	4.4	4.3			4.8	4.8	4.8	4.8		32.0
34.0						4.1	4.2	4.5			4.1	4.2	4.5			4.1	4.1	4.0			4.5	4.5	4.6			34.0
36.0						3.8	4.0				3.8	4.0				3.8	3.9				4.2	4.3	4.5			36.0
38.0						3.6	3.9				3.6	3.9				3.6	3.7				4.0	4.2	4.4			38.0
40.0						3.4					3.4					3.4	3.5				3.8	4.0				40.0
42.0																					3.6	3.9				42.0
44.0																					3.0					44.0
46.0																										46.0
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50.0																										50.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		27~83.5	35~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.9	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		6.0	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		6.4	6.0	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		5.6	5.3	5.1	4.9		5.6	5.3	5.1	4.9		4.8	4.6	4.4	4.3		6.0	5.7	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		5.2	5.1	4.9	4.8		5.2	5.1	4.9	4.8		4.5	4.4	4.2	4.1		5.6	5.4	5.1	4.9		32.0
34.0	4.5	4.5	4.6			4.9	4.8	4.8	4.8		4.9	4.8	4.8	4.8		4.2	4.1	4.0	3.9		5.3	5.1	4.9	4.8		34.0
36.0	4.2	4.3	4.5			4.6	4.6	4.6			4.6	4.6	4.6			3.9	3.9	3.8			5.0	4.9	4.8	4.8		36.0
38.0	4.0	4.2	4.4			4.3	4.4	4.5			4.3	4.4	4.5			3.7	3.6	3.6			4.7	4.7	4.7			38.0
40.0	3.8	4.0				4.1	4.2	4.4			4.1	4.2	4.4			3.4	3.4	3.4			4.3	4.5	4.6			40.0
42.0	3.6	3.9				3.6	3.9	4.2			3.9	4.1	4.4			3.2	3.2	3.2			3.6	3.9	4.3			42.0
44.0	3.4					3.0	3.2				3.7	3.9				3.0	3.0				2.9	3.2	3.6			44.0
46.0						2.4	2.6				3.5	3.7				2.8	2.8				2.4	2.6				46.0
48.0						1.9					3.0					2.7	2.7				1.8	2.0				48.0
50.0						1.4					2.5					2.5					1.3	1.5				50.0
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58.0																										58.0
62.0																										62.0
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3	93	93	93	93	93	46	46	46	46		93	93	93	93		46	46	46	46	46	93	93	93	93	93	3
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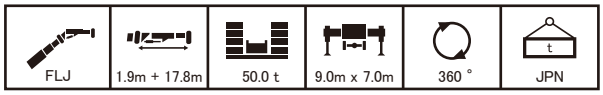
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	20~83.5	34~83.5	45~83.5	61~83.5		20~83.5	34~83.5	45~83.5	61~83.5		21~83.5	29~83.5	46~83.5	61~83.5	75~83.5	32~83.5	34~83.5	48~83.5	62~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	7.4	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	7.4	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	6.9	6.3	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	6.9	6.8	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	6.4	5.9	5.4	5.1		4.7	4.4	4.2	4.0		6.6	6.4	5.7	5.3	4.9	5.4	5.1	4.7	4.5	4.5	5.2	4.9	4.5	4.3	4.3	30.0
32.0	6.0	5.7	5.3	5.0		4.4	4.2	4.0	3.8		6.3	6.1	5.5	5.1		5.1	4.9	4.5	4.4		5.0	4.7	4.3	4.2	4.1	32.0
34.0	5.7	5.4	5.1	4.9		4.2	4.0	3.8	3.7		5.9	5.8	5.4	5.1		4.9	4.7	4.4	4.2		4.7	4.5	4.2	4.0		34.0
36.0	5.4	5.2	4.9	4.8		3.9	3.8	3.6	3.5		5.6	5.5	5.2	5.0		4.6	4.5	4.2	4.1		4.5	4.3	4.0	3.9		36.0
38.0	5.1	4.9	4.8	4.7		3.7	3.6	3.4	3.4		5.3	5.2	5.1	4.9		4.4	4.3	4.1	4.0		4.3	4.1	3.9	3.8		38.0
40.0	4.4	4.7	4.7	4.7		3.5	3.4	3.3	3.3		4.5	4.9	4.9	4.8		4.2	4.1	3.9	3.8		4.1	4.0	3.8	3.7		40.0
42.0	3.7	4.1	4.5			3.3	3.2	3.2			3.8	4.2	4.7	4.7		4.0	3.9	3.8	3.7		3.9	3.8	3.6	3.5		42.0
44.0	3.0	3.4	3.8			3.1	3.1	3.0			3.1	3.5	3.9			3.8	3.7	3.6			3.5	3.6	3.5	3.4		44.0
46.0	2.5	2.8	3.1			3.0	2.9	2.9			2.5	2.9	3.3			3.4	3.6	3.5			2.9	3.2	3.4			46.0
48.0	1.9	2.2	2.5			2.8	2.8	2.7			2.0	2.3	2.7			2.9	3.1	3.3			2.3	2.7	3.0			48.0
50.0	1.5	1.7				2.7	2.6				1.5	1.8	2.1			2.4	2.6	2.9			1.9	2.1	2.5			50.0
54.0						2.3	2.4									1.5	1.7									54.0
58.0						1.7																				58.0
62.0																										62.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	39~83.5	41~83.5	47~83.5	60~83.5	76~83.5	23~83.5	35~83.5	47~83.5	60~83.5	76~83.5	45~83.5	47~83.5	49~83.5	61~83.5	76~83.5	39~83.5	41~83.5	49~83.5	61~83.5	75~83.5	50~83.5	52~83.5	54~83.5	62~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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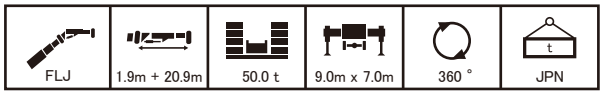
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	4.0	3.7	3.5	3.4		3.8	3.6	3.4	3.3		3.5	3.4	3.2	3.1	3.0	34.0
36.0	3.8	3.6	3.4	3.3		3.6	3.4	3.2	3.1		3.4	3.2	3.0	2.9		36.0
38.0	3.6	3.4	3.2	3.1		3.5	3.3	3.1	3.0		3.2	3.0	2.9	2.8		38.0
40.0	3.4	3.3	3.1	3.0		3.3	3.1	3.0	2.9		3.1	2.9	2.8	2.7		40.0
42.0	3.2	3.1	3.0	2.9		3.2	3.0	2.8	2.8		2.9	2.8	2.6	2.6		42.0
44.0	3.1	3.0	2.8	2.8		3.0	2.9	2.7	2.7		2.7	2.7	2.5	2.5		44.0
46.0	2.9	2.8	2.7			2.9	2.8	2.6	2.6		2.5	2.5	2.4	2.4		46.0
48.0	2.8	2.7	2.6			2.5	2.6	2.5	2.5		2.3	2.4	2.3	2.3		48.0
50.0	2.5	2.6	2.5			2.0	2.3	2.4				2.1	2.2	2.2		50.0
54.0	1.6	1.9	2.1													54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	45~83.5	47~83.5	48~83.5	62~83.5	75~83.5	54~83.5	56~83.5	58~83.5	61~83.5	77~83.5	58~83.5	58~83.5	60~83.5	61~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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3.0																										3.0
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9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6						5.6				5.6					10.0
11.0	5.6	5.6				5.6					5.6						5.6				5.6					11.0
12.0	5.6	5.6				5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.6	5.3		5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6			5.6	5.5	5.0		5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		4.3	4.2	4.1	4.0		32.0
34.0						3.6	3.7	3.8			3.6	3.7	3.8			3.6	3.7	3.7			4.0	4.0	4.0	3.9		34.0
36.0						3.4	3.5	3.7			3.4	3.5	3.7			3.4	3.5	3.5			3.8	3.8	3.9			36.0
38.0						3.2	3.4	3.6			3.2	3.4	3.6			3.2	3.4	3.3			3.5	3.6	3.7			38.0
40.0						3.0	3.2				3.0	3.2				3.0	3.2				3.3	3.5	3.6			40.0
42.0						2.8	3.1				2.8	3.1				2.8	3.1				3.1	3.3	3.5			42.0
44.0						2.7					2.7					2.7					3.0	3.2				44.0
46.0																					2.8	3.1				46.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		24~83.5	32~83.5	44~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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8.0																										8.0
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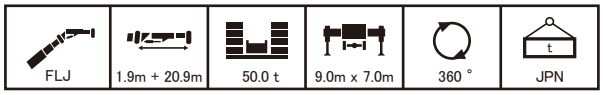
10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6					5.6						5.6				5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.5	5.1		5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		5.0	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	5.4	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.7	4.5	4.3	4.1		4.7	4.5	4.3	4.1		4.3	4.1	3.9	3.8		5.1	4.8	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		4.4	4.3	4.1	4.0		4.4	4.3	4.1	4.0		4.0	3.8	3.7	3.6		4.7	4.5	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		4.1	4.1	4.0	3.9		4.1	4.1	4.0	3.9		3.8	3.6	3.5	3.4		4.5	4.3	4.1	4.0		36.0
38.0	3.5	3.6	3.7			3.9	3.9	3.9	3.9		3.9	3.9	3.9	3.9		3.5	3.5	3.3	3.3		4.2	4.1	4.0	3.9		38.0
40.0	3.3	3.5	3.6			3.6	3.7	3.8			3.6	3.7	3.8			3.3	3.3	3.2			4.0	3.9	3.9	3.9		40.0
42.0	3.1	3.3	3.5			3.4	3.5	3.7			3.4	3.5	3.7			3.1	3.1	3.0			3.7	3.8	3.8			42.0
44.0	3.0	3.2				3.3	3.4	3.6			3.3	3.4	3.6			2.9	2.9	2.9			3.5	3.6	3.7			44.0
46.0	2.8	3.1				3.0	3.3				3.1	3.3				2.8	2.7	2.7			3.0	3.3	3.6			46.0
48.0	2.7					2.5	2.7				2.9	3.2				2.6	2.6				2.4	2.7	3.0			48.0
50.0						2.0	2.2				2.8	3.1				2.5	2.4				1.9	2.2				50.0
54.0																						1.2				54.0
58.0																										58.0
62.0																										62.0
1	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	1
2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	25~83.5	33~83.5	45~83.5	59~83.5	74~83.5	30~83.5	32~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	44~83.5	60~83.5	74~83.5	38~83.5	32~83.5	46~83.5	61~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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6.0																										6.0
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	5.6	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	5.4	5.0	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	5.6	5.1	4.6	4.3	3.8	4.8	4.4	4.1	4.0	3.8	4.6	4.3	4.0	3.8	3.8	32.0
34.0	5.1	4.8	4.4	4.1		3.9	3.7	3.5	3.4		5.4	4.9	4.4	4.2	3.8	4.6	4.3	4.0	3.8	3.8	4.4	4.1	3.8	3.7	3.6	34.0
36.0	4.8	4.5	4.3	4.0		3.7	3.5	3.3	3.2		5.1	4.8	4.3	4.1		4.4	4.1	3.8	3.7		4.2	3.9	3.7	3.5		36.0
38.0	4.5	4.3	4.1	4.0		3.5	3.3	3.2	3.1		4.8	4.6	4.2	4.0		4.2	3.9	3.7	3.6		4.1	3.8	3.5	3.4		38.0
40.0	4.3	4.2	4.0	3.9		3.4	3.2	3.0	3.0		4.6	4.4	4.1	4.0		4.0	3.8	3.6	3.5		3.9	3.7	3.4	3.3		40.0
42.0	4.0	4.0	3.9	3.9		3.2	3.1	2.9	2.9		4.3	4.2	4.0	3.9		3.8	3.7	3.4	3.4		3.7	3.5	3.3	3.2		42.0
44.0	3.6	3.8	3.8			3.0	2.9	2.8	2.8		3.7	4.0	3.9	3.9		3.6	3.5	3.3	3.3		3.5	3.4	3.2	3.1		44.0
46.0	3.0	3.4	3.7			2.8	2.8	2.7			3.1	3.5	3.8	3.8		3.5	3.3	3.2	3.2		3.3	3.3	3.1	3.0		46.0
48.0	2.5	2.8	3.2			2.7	2.6	2.6			2.6	2.9	3.4			3.2	3.2	3.1			2.7	3.1	3.0	2.9		48.0
50.0	2.0	2.3	2.6			2.6	2.5	2.5			2.1	2.4	2.8			2.7	3.0	3.0			2.2	2.6	2.9			50.0
54.0	1.1	1.4				2.3	2.3					1.5	1.8			1.9	2.1	2.4				1.7	2.0			54.0
58.0						2.0	2.1									1.1	1.3									58.0
62.0						1.4																				62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	38~83.5	40~83.5	49~83.5	62~83.5	75~83.5	20~83.5	33~83.5	49~83.5	59~83.5	75~83.5	49~83.5	46~83.5	48~83.5	60~83.5	75~83.5	38~83.5	40~83.5	48~83.5	60~83.5	75~83.5	53~83.5	51~83.5	53~83.5	61~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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4.5																4.5
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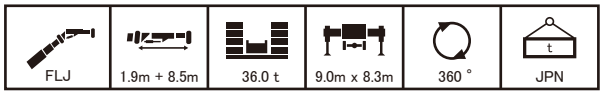
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0	3.3	3.1	2.9	2.8	2.8	34.0
36.0	3.5	3.3	3.1	3.0		3.4	3.2	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.7	36.0
38.0	3.3	3.2	3.0	2.9		3.2	3.0	2.9	2.8		3.0	2.8	2.7	2.6	2.6	38.0
40.0	3.2	3.0	2.9	2.8		3.1	2.9	2.7	2.7		2.9	2.7	2.6	2.5		40.0
42.0	3.0	2.9	2.7	2.7		2.9	2.8	2.6	2.6		2.7	2.6	2.4	2.4		42.0
44.0	2.9	2.8	2.6	2.6		2.8	2.7	2.5	2.5		2.6	2.5	2.3	2.3		44.0
46.0	2.8	2.7	2.5	2.5		2.7	2.6	2.4	2.4		2.5	2.4	2.2	2.2		46.0
48.0	2.6	2.5	2.4	2.4		2.6	2.4	2.3	2.3		2.3	2.3	2.1	2.1		48.0
50.0	2.5	2.4	2.3			2.4	2.3	2.2	2.2		2.1	2.2	2.1	2.0		50.0
54.0	2.0	2.2	2.2				1.8	2.1					1.9	1.9		54.0
58.0	1.2	1.5	1.7													58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	44~83.5	46~83.5	47~83.5	61~83.5	76~83.5	57~83.5	55~83.5	57~83.5	62~83.5	76~83.5	59~83.5	61~83.5	59~83.5	60~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.1	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		13.2	12.5	11.9	11.6		20.0
22.0						11.2	11.1	11.1			11.2	11.1	11.1			8.2	7.9	7.7			12.3	11.8	11.5	11.4		22.0
24.0						10.4	10.5	10.8			10.4	10.5	10.8			7.6	7.4	7.2			10.9	11.2	11.2			24.0
26.0						9.2	9.5	9.7			9.8	10.1	10.4			7.0	6.9	6.7			9.0	9.3	9.7			26.0
28.0						7.7	7.9				9.2	9.6				6.5	6.4				7.5	7.7	8.0			28.0
30.0						6.3	6.4				8.2	8.3				6.1	6.1				6.1	6.3				30.0
32.0						5.1					7.1					5.8					4.9	5.0				32.0
34.0																					3.8	3.9				34.0
36.0																					2.9					36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
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62.0																										62.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		23~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
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5.0																										5.0
6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		16.8	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	17.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		15.5	14.0	12.7	12.0		14.1	14.0	12.9	12.1		9.1	8.9	8.6	8.3		15.8	15.0	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		14.3	13.2	12.3	11.7		12.9	12.8	12.4	11.9		8.3	8.1	8.0	7.8		14.6	14.1	12.8	12.0		20.0
22.0	10.6	10.5	10.3	10.3		13.2	12.5	11.9	11.6		11.8	11.7	11.6	11.6		7.6	7.5	7.3	7.3		13.4	13.3	12.4	11.8		22.0
24.0	9.7	9.6	9.5			11.0	11.4	11.5	11.4		10.8	10.8	10.7	10.7		7.0	6.9	6.7	6.7		11.1	11.6	12.0	11.7		24.0
26.0	8.9	8.9	8.8			9.1	9.5	9.9			10.0	9.9	9.9			6.4	6.3	6.2			9.3	9.6	10.1	10.3		26.0
28.0	8.3	8.2	8.2			7.5	7.9	8.2			8.9	9.2	9.2			5.9	5.9	5.8			7.7	8.0	8.4			28.0
30.0	7.5	7.5				6.2	6.4	6.7			7.6	7.8	8.0			5.5	5.4	5.4			6.3	6.6	7.0			30.0
32.0	6.8	6.8				5.0	5.2	5.4			6.4	6.6	6.8			5.1	5.1	5.0			5.1	5.4	5.6			32.0
34.0	6.1	6.2				3.9	4.1				5.4	5.5				4.8	4.7				4.1	4.3	4.5			34.0
36.0	5.3					3.0	3.2				4.4	4.6				4.5	4.4				3.1	3.3	3.5			36.0
38.0						2.2	2.3				3.6	3.7				4.2	4.2				2.3	2.5				38.0
40.0						1.5					2.9					4.0					1.6	1.7				40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
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62.0																										62.0
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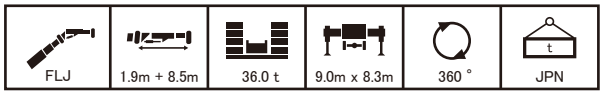
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	47~83.5	63~83.5	76~83.5	35~83.5	36~83.5	46~83.5	64~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	13.6	13.4	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	12.6	12.4	12.1	11.9		8.0	7.8	7.4	7.2		10.8	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	11.7	11.5	11.4	11.2		7.4	7.2	7.0	6.8		10.1	9.9	9.6	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	10.8	10.7	10.6	10.5		6.9	6.7	6.6	6.5		9.4	9.3	9.0	8.9		8.0	7.7	7.5	7.3		7.7	7.5	7.2	7.0		24.0
26.0	9.5	9.9	9.9	9.9		6.4	6.3	6.1	6.1		8.7	8.6	8.5	8.4		7.5	7.3	7.1	7.0		7.3	7.0	6.8	6.7		26.0
28.0	8.0	8.3	8.7	8.9		6.0	5.9	5.7	5.7		8.1	8.1	8.0	8.0		7.1	6.9	6.7	6.6		6.8	6.6	6.4	6.3		28.0
30.0	6.6	6.9	7.3	7.5		5.6	5.5	5.4	5.4		6.9	7.2	7.5	7.5		6.7	6.5	6.4	6.3		6.5	6.3	6.1	6.0		30.0
32.0	5.4	5.6	6.0			5.3	5.2	5.1			5.7	6.0	6.3	6.5		6.3	6.2	6.0	6.0		6.0	6.0	5.8	5.8		32.0
34.0	4.3	4.6	4.8			4.9	4.9	4.8			4.6	4.9	5.2			5.5	5.7	5.8			4.9	5.2	5.5	5.5		34.0
36.0	3.4	3.6	3.8			4.7	4.6	4.5			3.7	3.9	4.2			4.5	4.8	5.0			4.0	4.2	4.5			36.0
38.0	2.6	2.8	2.9			4.4	4.3	4.3			2.9	3.1	3.3			3.7	3.9	4.1			3.2	3.4	3.6			38.0
40.0	1.9	2.0				4.0	4.1				2.2	2.3	2.5			3.0	3.2	3.3			2.5	2.7	2.9			40.0
42.0	1.2	1.4				3.4	3.5					1.7	1.8			2.3	2.5	2.6				2.0	2.2			42.0
44.0						2.8	2.9									1.8	1.9									44.0
46.0						2.3	2.3									1.2	1.3									46.0
48.0						1.8																				48.0
50.0																										50.0
54.0																										54.0
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1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	39~83.5	40~83.5	48~83.5	61~83.5	77~83.5	26~83.5	32~83.5	49~83.5	61~83.5	77~83.5	48~83.5	46~83.5	47~83.5	62~83.5	77~83.5	38~83.5	39~83.5	47~83.5	62~83.5	76~83.5	53~83.5	51~83.5	52~83.5	63~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.9	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.7	5.6	5.4	5.3		5.5	5.4	5.2	5.0		5.0	4.9	4.8	4.6		28.0
30.0	5.3	5.2	5.1	5.0		5.2	5.1	4.9	4.8		4.7	4.6	4.5	4.4		30.0
32.0	5.0	4.9	4.8	4.8		4.9	4.8	4.7	4.6		4.5	4.4	4.3	4.2		32.0
34.0	4.7	4.7	4.6	4.5		4.6	4.5	4.4	4.4		4.2	4.1	4.0	4.0		34.0
36.0	4.5	4.4	4.3			4.4	4.3	4.2	4.1		4.0	3.9	3.8	3.8		36.0
38.0	4.1	4.2	4.1			3.6	3.9	4.0	3.9		3.6	3.7	3.6	3.6		38.0
40.0	3.4	3.6	3.8			2.9	3.1	3.3			2.9	3.1	3.3	3.4		40.0
42.0	2.7	2.9	3.0			2.2	2.4	2.6				2.4	2.6			42.0
44.0	2.1	2.3	2.4													44.0
46.0	1.6	1.7	1.8													46.0
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54.0																54.0
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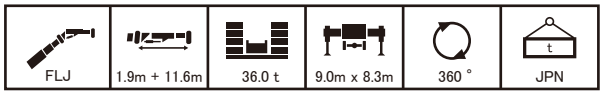
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	45~83.5	45~83.5	46~83.5	63~83.5	76~83.5	54~83.5	55~83.5	56~83.5	61~83.5	76~83.5	59~83.5	58~83.5	59~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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4.5	14.6																									4.5
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9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
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14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
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22.0	6.1					9.0	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		9.8	9.3	8.8	8.4		22.0
24.0						8.3	8.2	8.1			8.3	8.2	8.1			6.9	6.7	6.5			9.1	8.8	8.4	8.3		24.0
26.0						7.7	7.8	7.9			7.7	7.8	7.9			6.4	6.2	6.1			8.5	8.3	8.2			26.0
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34.0						5.0					6.1					5.0					4.7	5.0				34.0
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38.0																					3.0					38.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		27~83.5	35~83.5	46~83.5	64~83.5		[DEG]
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m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
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18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		13.5	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		11.6	10.5	9.4	8.8		11.6	10.5	9.4	8.8		7.9	7.6	7.1	6.9		12.4	11.0	9.7	8.9	8.3	20.0
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28.0	7.9	7.9	7.8			8.4	8.4	8.2	8.1		8.7	8.4	8.2	8.1		5.7	5.6	5.5	5.5		8.5	8.9	8.4	8.2		28.0
30.0	7.4	7.3	7.3			7.1	7.5	7.9			8.2	8.0	8.0			5.3	5.2	5.1			7.1	7.5	8.0	8.1		30.0
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34.0	6.1	6.2				4.8	5.1	5.4			6.1	6.3	6.6			4.6	4.5	4.5			4.8	5.2	5.6			34.0
36.0	5.6	5.6				3.9	4.1				5.1	5.4	5.6			4.2	4.2	4.2			3.9	4.2	4.5			36.0
38.0	5.1					3.0	3.2				4.3	4.5				4.0	3.9				3.1	3.3	3.6			38.0
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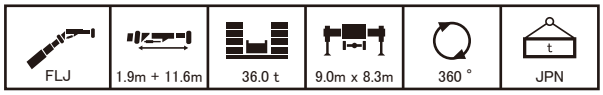
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	28~83.5	35~83.5	47~83.5	60~83.5	75~83.5	27~83.5	34~83.5	49~83.5	61~83.5	77~83.5	27~83.5	34~83.5	45~83.5	61~83.5	77~83.5	21~83.5	35~83.5	46~83.5	61~83.5		37~83.5	34~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	11.9	11.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	11.1	10.9	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	9.5	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	10.3	10.2	9.3	8.6		6.4	6.2	5.9	5.7		8.9	8.7	8.5	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	9.6	9.5	9.0	8.5		6.0	5.8	5.5	5.4		8.4	8.2	8.0	7.9		7.0	6.7	6.5	6.2		6.8	6.5	6.1	5.9		26.0
28.0	8.7	8.9	8.7	8.3		5.6	5.5	5.3	5.1		7.8	7.7	7.5	7.5		6.6	6.4	6.1	6.0		6.4	6.2	5.9	5.7		28.0
30.0	7.3	7.7	8.2	8.2		5.2	5.1	5.0	4.9		7.3	7.3	7.1	7.1		6.2	6.0	5.8	5.7		6.0	5.8	5.6	5.5		30.0
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38.0	3.3	3.6	3.9			4.1	4.0	4.0			3.4	3.7	4.1			4.2	4.5	4.8			3.7	4.0	4.4	4.6		38.0
40.0	2.5	2.8	3.0			3.9	3.8	3.7			2.7	3.0	3.3			3.5	3.7	4.0			3.0	3.2	3.6			40.0
42.0	1.9	2.1	2.3			3.7	3.6	3.6			2.1	2.3	2.5			2.8	3.1	3.3			2.3	2.6	2.8			42.0
44.0	1.3	1.5				3.4	3.4					1.7	1.9			2.2	2.4	2.6				1.9	2.2			44.0
46.0						2.8	2.9									1.7	1.9	2.0								46.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	40~83.5	41~83.5	46~83.5	63~83.5	76~83.5	29~83.5	34~83.5	47~83.5	63~83.5	76~83.5	49~83.5	47~83.5	49~83.5	61~83.5	76~83.5	40~83.5	41~83.5	45~83.5	61~83.5	75~83.5	53~83.5	52~83.5	53~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
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18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
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24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.2	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	5.0	4.9	4.6	4.5		4.9	4.7	4.4	4.3		4.5	4.3	4.1	4.0		30.0
32.0	4.7	4.6	4.4	4.3		4.6	4.4	4.2	4.1		4.2	4.1	3.9	3.8		32.0
34.0	4.5	4.4	4.2	4.1		4.4	4.2	4.0	3.9		4.0	3.9	3.7	3.6		34.0
36.0	4.2	4.1	4.0	4.0		4.1	4.0	3.9	3.8		3.8	3.7	3.6	3.5		36.0
38.0	4.0	3.9	3.8	3.8		3.9	3.8	3.7	3.6		3.6	3.5	3.4	3.3		38.0
40.0	3.8	3.7	3.6			3.4	3.6	3.5	3.5		3.3	3.3	3.2	3.2		40.0
42.0	3.2	3.4	3.4			2.7	3.0	3.3			2.6	2.9	3.0	3.0		42.0
44.0	2.6	2.8	3.0			2.1	2.3	2.6					2.6	2.7		44.0
46.0	2.0	2.2	2.4													46.0
48.0	1.6	1.7	1.9													48.0
50.0																50.0
54.0																54.0
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62.0																62.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
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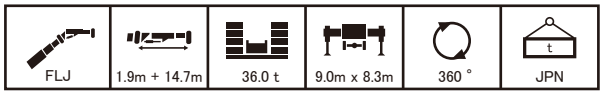
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	46~83.5	47~83.5	48~83.5	62~83.5	77~83.5	55~83.5	56~83.5	57~83.5	63~83.5	77~83.5	59~83.5	61~83.5	60~83.5	61~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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5.0	13.9																									5.0
6.0	13.9																									6.0
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8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		8.1	7.6	7.0	6.6		22.0
24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.5	7.1	6.7	6.4		24.0
26.0	4.4					6.3	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		6.9	6.7	6.4	6.3		26.0
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30.0						5.5	5.6	5.8			5.5	5.6	5.8			5.2	5.0	4.9			6.0	6.0	6.0			30.0
32.0						5.1	5.3	5.7			5.1	5.3	5.7			4.8	4.7	4.6			5.7	5.7	5.8			32.0
34.0						4.8	5.1				4.8	5.1				4.6	4.5				5.3	5.5	5.7			34.0
36.0						4.6	5.0				4.6	5.0				4.3	4.2				4.5	4.8				36.0
38.0						4.0					4.4					4.1					3.7	3.9				38.0
40.0																					3.0	3.1				40.0
42.0																					2.3					42.0
44.0																										44.0
46.0																										46.0
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50.0																										50.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		9.4	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		8.1	7.5	6.9	6.5		8.1	7.5	6.9	6.5		6.3	6.0	5.7	5.5		8.7	7.9	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		7.5	7.1	6.7	6.4		7.5	7.1	6.7	6.4		5.8	5.6	5.3	5.2		8.1	7.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		7.0	6.7	6.4	6.2		7.0	6.7	6.4	6.2		5.4	5.3	5.0	4.9		7.6	7.1	6.6	6.3		28.0
30.0	6.0	6.0	6.0			6.6	6.4	6.2	6.1		6.6	6.4	6.2	6.1		5.0	4.9	4.8	4.7		7.1	6.8	6.4	6.2		30.0
32.0	5.7	5.7	5.8			6.2	6.1	6.0			6.2	6.1	6.0			4.7	4.6	4.5	4.5		6.5	6.5	6.2	6.1		32.0
34.0	5.3	5.5	5.7			5.5	5.8	5.9			5.8	5.8	5.9			4.3	4.3	4.2			5.4	5.9	6.1	6.1		34.0
36.0	5.0	5.3				4.5	4.9	5.3			5.5	5.6	5.8			4.0	4.0	4.0			4.5	4.9	5.4			36.0
38.0	4.8	5.1				3.7	4.0	4.3			4.9	5.1	5.4			3.8	3.7	3.7			3.7	4.0	4.4			38.0
40.0	4.6	4.7				3.0	3.2				4.1	4.4				3.5	3.5				2.9	3.2	3.6			40.0
42.0	4.3					2.3	2.5				3.5	3.6				3.3	3.3				2.3	2.5	2.8			42.0
44.0						1.7	1.8				2.9	3.0				3.1	3.1				1.7	1.9				44.0
46.0						1.2					2.3					2.9					1.1	1.3				46.0
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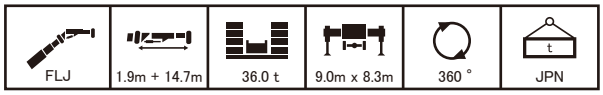
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5		24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	25~83.5	33~83.5	48~83.5	60~83.5		34~83.5	36~83.5	46~83.5	61~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



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10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	10.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	9.3	8.3	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	8.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	8.7	7.9	7.1	6.5		5.6	5.3	5.0	4.9	4.8	8.0	7.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	8.1	7.5	6.8	6.4		5.3	5.0	4.8	4.6		7.5	7.3	7.0	6.5		6.1	5.9	5.5	5.2		5.9	5.6	5.2	5.0	4.9	28.0
30.0	7.6	7.1	6.6	6.3		5.0	4.8	4.5	4.4		7.1	6.9	6.7	6.4		5.8	5.6	5.2	5.0		5.6	5.4	5.0	4.8		30.0
32.0	6.7	6.8	6.4	6.2		4.7	4.5	4.3	4.2		6.7	6.5	6.4	6.3		5.5	5.3	5.0	4.9		5.3	5.1	4.8	4.6		32.0
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36.0	4.7	5.1	5.6	5.9		4.1	4.0	3.9	3.9		4.8	5.2	5.8	5.7		4.9	4.8	4.6	4.5		4.8	4.6	4.5	4.3		36.0
38.0	3.8	4.2	4.7			3.9	3.8	3.7			3.9	4.3	4.8	5.1		4.7	4.5	4.4	4.3		4.2	4.4	4.3	4.2		38.0
40.0	3.1	3.4	3.8			3.7	3.6	3.5			3.2	3.6	4.0			4.1	4.3	4.2			3.4	3.8	4.1	4.0		40.0
42.0	2.4	2.7	3.1			3.5	3.4	3.4			2.5	2.9	3.2			3.4	3.7	4.0			2.8	3.1	3.5	3.7		42.0
44.0	1.8	2.1	2.4			3.3	3.2	3.2			1.9	2.2	2.6			2.8	3.1	3.4			2.2	2.5	2.8			44.0
46.0		1.5				3.1	3.1	3.0				1.7	1.9			2.3	2.5	2.8				1.9	2.2			46.0
48.0						2.7	2.9									1.8	2.0	2.2								48.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	45~83.5	43~83.5	48~83.5	62~83.5	77~83.5	26~83.5	37~83.5	46~83.5	62~83.5	75~83.5	50~83.5	48~83.5	50~83.5	63~83.5	77~83.5	41~83.5	43~83.5	47~83.5	62~83.5	77~83.5	54~83.5	53~83.5	55~83.5	61~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
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4.5																4.5
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6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.7	4.5	4.2	4.1		4.5	4.3	4.0	3.9	3.9	4.2	4.0	3.8	3.6	3.6	30.0
32.0	4.5	4.3	4.0	3.9		4.3	4.1	3.9	3.7		4.0	3.8	3.6	3.5		32.0
34.0	4.2	4.1	3.8	3.7		4.1	3.9	3.7	3.6		3.8	3.6	3.4	3.3		34.0
36.0	4.0	3.9	3.7	3.6		3.9	3.7	3.5	3.4		3.6	3.4	3.3	3.2		36.0
38.0	3.8	3.7	3.5	3.4		3.7	3.5	3.4	3.3		3.4	3.3	3.1	3.0		38.0
40.0	3.6	3.5	3.4	3.3		3.5	3.4	3.2	3.2		3.2	3.1	3.0	2.9		40.0
42.0	3.4	3.3	3.2	3.2		3.1	3.2	3.1	3.0		3.0	3.0	2.9	2.8		42.0
44.0	3.0	3.2	3.1			2.5	2.8	3.0	2.9		2.5	2.8	2.7	2.7		44.0
46.0	2.5	2.7	2.9				2.3	2.6					2.6	2.6		46.0
48.0	2.0	2.2	2.4													48.0
50.0	1.5	1.7	1.9													50.0
54.0																54.0
58.0																58.0
62.0																62.0
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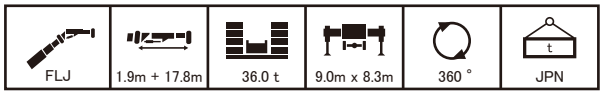
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	47~83.5	48~83.5	50~83.5	61~83.5	76~83.5	57~83.5	57~83.5	59~83.5	62~83.5	76~83.5	60~83.5	62~83.5	61~83.5	62~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5																										4.5
5.0																										5.0
6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.5	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		5.1	5.0	4.9	4.9		30.0
32.0						4.3	4.4	4.6			4.3	4.4	4.6			4.3	4.4	4.3			4.8	4.8	4.8	4.8		32.0
34.0						4.1	4.2	4.5			4.1	4.2	4.5			4.1	4.1	4.0			4.5	4.5	4.6			34.0
36.0						3.8	4.0				3.8	4.0				3.8	3.9				4.2	4.3	4.5			36.0
38.0						3.6	3.9				3.6	3.9				3.6	3.7				4.0	4.2	4.4			38.0
40.0						3.4					3.4					3.4	3.5				3.6	3.9				40.0
42.0																					2.9	3.1				42.0
44.0																					2.3					44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		26~83.5	34~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	10.4										10.3															10.0
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12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.9	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		6.0	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		6.4	6.0	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		5.6	5.3	5.1	4.9		5.6	5.3	5.1	4.9		4.8	4.6	4.4	4.3		6.0	5.7	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		5.2	5.1	4.9	4.8		5.2	5.1	4.9	4.8		4.5	4.4	4.2	4.1		5.6	5.4	5.1	4.9		32.0
34.0	4.5	4.5	4.6			4.9	4.8	4.8	4.8		4.9	4.8	4.8	4.8		4.2	4.1	4.0	3.9		5.3	5.1	4.9	4.8		34.0
36.0	4.2	4.3	4.5			4.6	4.6	4.6			4.6	4.6	4.6			3.9	3.9	3.8			5.0	4.9	4.8	4.8		36.0
38.0	4.0	4.2	4.4			4.3	4.4	4.5			4.3	4.4	4.5			3.7	3.6	3.6			4.2	4.7	4.7			38.0
40.0	3.8	4.0				3.5	3.9	4.3			4.1	4.2	4.4			3.4	3.4	3.4			3.5	3.9	4.3			40.0
42.0	3.6	3.9				2.9	3.2	3.5			3.9	4.1	4.4			3.2	3.2	3.2			2.8	3.2	3.6			42.0
44.0	3.4					2.3	2.5				3.4	3.6				3.0	3.0				2.2	2.5	2.8			44.0
46.0						1.7	1.9				2.8	3.0				2.8	2.8				1.7	1.9				46.0
48.0						1.2					2.3					2.7	2.7				1.2	1.4				48.0
50.0											1.9					2.5										50.0
54.0																										54.0
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62.0																										62.0
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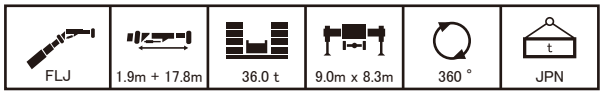
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	27~83.5	34~83.5	45~83.5	61~83.5		20~83.5	34~83.5	45~83.5	61~83.5		21~83.5	29~83.5	46~83.5	61~83.5	75~83.5	36~83.5	38~83.5	47~83.5	62~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	7.4	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	7.4	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	6.9	6.3	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	6.9	6.8	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	6.4	5.9	5.4	5.1		4.7	4.4	4.2	4.0		6.6	6.4	5.7	5.3	4.9	5.4	5.1	4.7	4.5	4.5	5.2	4.9	4.5	4.3	4.3	30.0
32.0	6.0	5.7	5.3	5.0		4.4	4.2	4.0	3.8		6.3	6.1	5.5	5.1		5.1	4.9	4.5	4.4		5.0	4.7	4.3	4.2	4.1	32.0
34.0	5.7	5.4	5.1	4.9		4.2	4.0	3.8	3.7		5.9	5.8	5.4	5.1		4.9	4.7	4.4	4.2		4.7	4.5	4.2	4.0		34.0
36.0	5.2	5.2	4.9	4.8		3.9	3.8	3.6	3.5		5.2	5.5	5.2	5.0		4.6	4.5	4.2	4.1		4.5	4.3	4.0	3.9		36.0
38.0	4.3	4.8	4.8	4.7		3.7	3.6	3.4	3.4		4.4	4.9	5.1	4.9		4.4	4.3	4.1	4.0		4.3	4.1	3.9	3.8		38.0
40.0	3.6	4.0	4.5	4.7		3.5	3.4	3.3	3.3		3.7	4.1	4.7	4.8		4.2	4.1	3.9	3.8		4.0	4.0	3.8	3.7		40.0
42.0	2.9	3.3	3.7			3.3	3.2	3.2			3.0	3.4	3.9	4.2		3.9	3.9	3.8	3.7		3.3	3.8	3.6	3.5		42.0
44.0	2.3	2.6	3.0			3.1	3.1	3.0			2.4	2.8	3.2			3.2	3.6	3.6			2.7	3.1	3.5	3.4		44.0
46.0	1.8	2.1	2.4			3.0	2.9	2.9			1.8	2.2	2.6			2.7	3.0	3.3			2.2	2.5	2.9			46.0
48.0		1.5	1.8			2.8	2.8	2.7					2.0			2.2	2.5	2.8				2.0	2.4			48.0
50.0						2.7	2.6									1.7	2.0	2.2								50.0
54.0						1.8	2.0																			54.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	45~83.5	44~83.5	46~83.5	60~83.5	76~83.5	22~83.5	35~83.5	47~83.5	60~83.5	76~83.5	50~83.5	52~83.5	52~83.5	61~83.5	76~83.5	45~83.5	47~83.5	49~83.5	61~83.5	75~83.5	54~83.5	54~83.5	56~83.5	62~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	4.0	3.7	3.5	3.4		3.8	3.6	3.4	3.3		3.5	3.4	3.2	3.1	3.0	34.0
36.0	3.8	3.6	3.4	3.3		3.6	3.4	3.2	3.1		3.4	3.2	3.0	2.9		36.0
38.0	3.6	3.4	3.2	3.1		3.5	3.3	3.1	3.0		3.2	3.0	2.9	2.8		38.0
40.0	3.4	3.3	3.1	3.0		3.3	3.1	3.0	2.9		3.1	2.9	2.8	2.7		40.0
42.0	3.2	3.1	3.0	2.9		3.2	3.0	2.8	2.8		2.9	2.8	2.6	2.6		42.0
44.0	3.1	3.0	2.8	2.8		2.9	2.9	2.7	2.7		2.7	2.7	2.5	2.5		44.0
46.0	2.8	2.8	2.7			2.4	2.7	2.6	2.6			2.5	2.4	2.4		46.0
48.0	2.3	2.6	2.6				2.2	2.5	2.5				2.3	2.3		48.0
50.0	1.9	2.1	2.4													50.0
54.0																54.0
58.0																58.0
62.0																62.0
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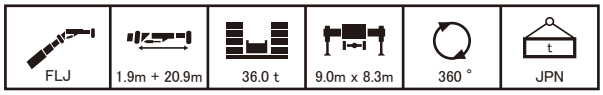
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	50~83.5	52~83.5	54~83.5	62~83.5	75~83.5	58~83.5	58~83.5	60~83.5	61~83.5	77~83.5	62~83.5	62~83.5	62~83.5	63~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6						5.6				5.6					10.0
11.0	5.6	5.6				5.6					5.6						5.6				5.6					11.0
12.0	5.6	5.6				5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.6	5.3		5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6			5.6	5.5	5.0		5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		4.3	4.2	4.1	4.0		32.0
34.0						3.6	3.7	3.8			3.6	3.7	3.8			3.6	3.7	3.7			4.0	4.0	4.0	3.9		34.0
36.0						3.4	3.5	3.7			3.4	3.5	3.7			3.4	3.5	3.5			3.8	3.8	3.9			36.0
38.0						3.2	3.4	3.6			3.2	3.4	3.6			3.2	3.4	3.3			3.5	3.6	3.7			38.0
40.0						3.0	3.2				3.0	3.2				3.0	3.2				3.3	3.5	3.6			40.0
42.0						2.8	3.1				2.8	3.1				2.8	3.1				3.1	3.3	3.5			42.0
44.0						2.7					2.7					2.7					3.0	3.2				44.0
46.0																					2.4	2.6				46.0
48.0																					1.9					48.0
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54.0																										54.0
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62.0																										62.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		24~83.5	32~83.5	44~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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14.0	5.6	5.6				5.6					5.6						5.6				5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.5	5.1		5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		5.0	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	5.4	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.7	4.5	4.3	4.1		4.7	4.5	4.3	4.1		4.3	4.1	3.9	3.8		5.1	4.8	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		4.4	4.3	4.1	4.0		4.4	4.3	4.1	4.0		4.0	3.8	3.7	3.6		4.7	4.5	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		4.1	4.1	4.0	3.9		4.1	4.1	4.0	3.9		3.8	3.6	3.5	3.4		4.5	4.3	4.1	4.0		36.0
38.0	3.5	3.6	3.7			3.9	3.9	3.9	3.9		3.9	3.9	3.9	3.9		3.5	3.5	3.3	3.3		4.2	4.1	4.0	3.9		38.0
40.0	3.3	3.5	3.6			3.6	3.7	3.8			3.6	3.7	3.8			3.3	3.3	3.2			4.0	3.9	3.9	3.9		40.0
42.0	3.1	3.3	3.5			3.4	3.5	3.7			3.4	3.5	3.7			3.1	3.1	3.0			3.4	3.8	3.8			42.0
44.0	3.0	3.2				2.9	3.2	3.6			3.3	3.4	3.6			2.9	2.9	2.9			2.8	3.2	3.7			44.0
46.0	2.8	3.1				2.3	2.6				3.1	3.3				2.8	2.7	2.7			2.3	2.6	3.0			46.0
48.0	2.7					1.8	2.1				2.8	3.0				2.6	2.6				1.7	2.0	2.4			48.0
50.0						1.3	1.5				2.4	2.5				2.5	2.4				1.3	1.5				50.0
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3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
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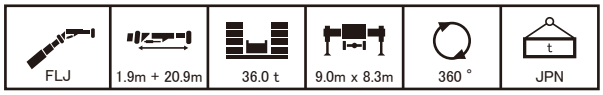
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	25~83.5	33~83.5	45~83.5	59~83.5	74~83.5	30~83.5	32~83.5	48~83.5	60~83.5	76~83.5	30~83.5	32~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	44~83.5	60~83.5	74~83.5	38~83.5	40~83.5	46~83.5	61~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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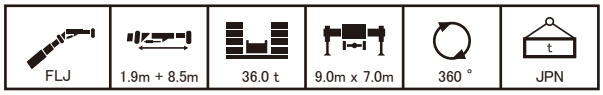
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	5.6	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	5.4	5.0	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	5.6	5.1	4.6	4.3	3.8	4.8	4.4	4.1	4.0	3.8	4.6	4.3	4.0	3.8	3.8	32.0
34.0	5.1	4.8	4.4	4.1		3.9	3.7	3.5	3.4		5.4	4.9	4.4	4.2	3.8	4.6	4.3	4.0	3.8	3.8	4.4	4.1	3.8	3.7	3.6	34.0
36.0	4.8	4.5	4.3	4.0		3.7	3.5	3.3	3.2		5.1	4.8	4.3	4.1		4.4	4.1	3.8	3.7		4.2	3.9	3.7	3.5		36.0
38.0	4.5	4.3	4.1	4.0		3.5	3.3	3.2	3.1		4.8	4.6	4.2	4.0		4.2	3.9	3.7	3.6		4.1	3.8	3.5	3.4		38.0
40.0	4.2	4.2	4.0	3.9		3.4	3.2	3.0	3.0		4.3	4.4	4.1	4.0		4.0	3.8	3.6	3.5		3.9	3.7	3.4	3.3		40.0
42.0	3.5	4.0	3.9	3.9		3.2	3.1	2.9	2.9		3.6	4.1	4.0	3.9		3.8	3.7	3.4	3.4		3.7	3.5	3.3	3.2		42.0
44.0	2.9	3.3	3.8			3.0	2.9	2.8	2.8		3.0	3.4	3.9	3.9		3.6	3.5	3.3	3.3		3.1	3.4	3.2	3.1		44.0
46.0	2.3	2.7	3.2			2.8	2.8	2.7			2.4	2.8	3.3	3.6		3.1	3.3	3.2	3.2		2.6	3.0	3.1	3.0		46.0
48.0	1.8	2.2	2.6			2.7	2.6	2.6			1.9	2.3	2.7			2.6	2.9	3.1			2.1	2.4	2.9	2.9		48.0
50.0	1.4	1.7	2.0			2.6	2.5	2.5				1.8	2.2			2.1	2.4	2.8				1.9	2.4			50.0
54.0						2.2	2.3									1.3	1.5	1.8								54.0
58.0						1.5	1.6																			58.0
62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
%																										
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	44~83.5	46~83.5	49~83.5	62~83.5	75~83.5	31~83.5	33~83.5	49~83.5	59~83.5	75~83.5	51~83.5	51~83.5	53~83.5	60~83.5	75~83.5	43~83.5	46~83.5	48~83.5	60~83.5	75~83.5	55~83.5	55~83.5	58~83.5	61~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0	3.3	3.1	2.9	2.8	2.8	34.0
36.0	3.5	3.3	3.1	3.0		3.4	3.2	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.7	36.0
38.0	3.3	3.2	3.0	2.9		3.2	3.0	2.9	2.8		3.0	2.8	2.7	2.6	2.6	38.0
40.0	3.2	3.0	2.9	2.8		3.1	2.9	2.7	2.7		2.9	2.7	2.6	2.5		40.0
42.0	3.0	2.9	2.7	2.7		2.9	2.8	2.6	2.6		2.7	2.6	2.4	2.4		42.0
44.0	2.9	2.8	2.6	2.6		2.8	2.7	2.5	2.5		2.6	2.5	2.3	2.3		44.0
46.0	2.8	2.7	2.5	2.5		2.7	2.6	2.4	2.4		2.5	2.4	2.2	2.2		46.0
48.0	2.6	2.5	2.4	2.4		2.2	2.4	2.3	2.3			2.3	2.1	2.1		48.0
50.0	2.2	2.4	2.3				2.1	2.2	2.2				2.1	2.0		50.0
54.0		1.7	2.0													54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
%																
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	53~83.5	51~83.5	53~83.5	61~83.5	76~83.5	58~83.5	59~83.5	61~83.5	62~83.5	76~83.5	62~83.5	63~83.5	63~83.5	64~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.1	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		12.9	12.5	11.9	11.6		20.0
22.0						10.7	11.1	11.1			11.2	11.1	11.1			8.2	7.9	7.7			10.5	10.9	11.4	11.4		22.0
24.0						8.7	9.0	9.3			10.4	10.5	10.8			7.6	7.4	7.2			8.5	8.9	9.3			24.0
26.0						7.0	7.3	7.5			8.9	9.1	9.3			7.0	6.9	6.7			6.9	7.2	7.5			26.0
28.0						5.6	5.8				7.6	7.7				6.5	6.4				5.4	5.7	6.0			28.0
30.0						4.4	4.5				6.4	6.5				6.1	6.1				4.2	4.4				30.0
32.0						3.3					5.4					5.8					3.1	3.3				32.0
34.0																					2.2	2.3				34.0
36.0																					1.4					36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	0	0	0	0		93	93	93	93	93	0	0	0	0	0	0	0	0	0		93	93	93	93	93	1
2	0	0	0	0		46	46	46	46	46	0	0	0	0	0	0	0	0	0		93	93	93	93	93	2
3	0	0	0	0		0	0	0	0	0	93	93	93	93	93	0	0	0	0		0	0	0	0	0	3
4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0	0	4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		23~83.5	31~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		16.8	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	17.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		15.5	14.0	12.7	12.0		14.1	14.0	12.9	12.1		9.1	8.9	8.6	8.3		15.8	15.0	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		13.0	13.2	12.3	11.7		12.9	12.8	12.4	11.9		8.3	8.1	8.0	7.8		13.2	13.8	12.8	12.0		20.0
22.0	10.6	10.5	10.3	10.3		10.6	11.0	11.6	11.6		11.8	11.7	11.6	11.6		7.6	7.5	7.3	7.3		10.7	11.2	11.8	11.8		22.0
24.0	9.7	9.6	9.5			8.6	9.0	9.5	9.7		10.0	10.3	10.7	10.7		7.0	6.9	6.7	6.7		8.7	9.2	9.7	10.0		24.0
26.0	8.9	8.9	8.8			6.9	7.3	7.7			8.3	8.6	9.0			6.4	6.3	6.2			7.1	7.5	7.9	8.2		26.0
28.0	7.7	7.9	8.1			5.5	5.8	6.2			6.9	7.2	7.5			5.9	5.9	5.8			5.7	6.0	6.4			28.0
30.0	6.5	6.7				4.3	4.5	4.8			5.7	6.0	6.2			5.5	5.4	5.4			4.4	4.7	5.1			30.0
32.0	5.5	5.6				3.2	3.4	3.6			4.6	4.8	5.0			5.1	5.1	5.0			3.3	3.6	3.9			32.0
34.0	4.6	4.7				2.3	2.5				3.7	3.9				4.8	4.7				2.4	2.6	2.9			34.0
36.0	3.8					1.5	1.6				2.9	3.0				4.5	4.4				1.6	1.8	2.0			36.0
38.0											2.2	2.3				3.9	3.9									38.0
40.0											1.5					3.2										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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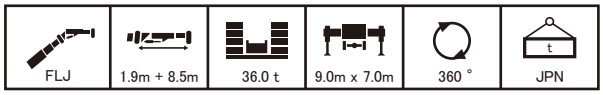
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5	77~83.5	35~83.5	36~83.5	46~83.5	63~83.5	76~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	47~83.5	63~83.5	76~83.5	43~83.5	44~83.5	45~83.5	63~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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2.5																										2.5
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	13.6	13.4	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	12.6	12.4	12.1	11.9		8.0	7.8	7.4	7.2		10.8	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	11.0	11.5	11.4	11.2		7.4	7.2	7.0	6.8		10.1	9.9	9.6	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	9.0	9.4	9.9	10.3		6.9	6.7	6.6	6.5		9.3	9.3	9.0	8.9		8.0	7.7	7.5	7.3		7.7	7.5	7.2	7.0		24.0
26.0	7.3	7.7	8.2	8.5		6.4	6.3	6.1	6.1		7.6	8.0	8.5	8.4		7.5	7.3	7.1	7.0		7.3	7.0	6.8	6.7		26.0
28.0	5.9	6.3	6.7	6.9		6.0	5.9	5.7	5.7		6.2	6.6	7.0	7.3		7.0	6.9	6.7	6.6		6.5	6.6	6.4	6.3		28.0
30.0	4.7	5.0	5.4	5.6		5.6	5.5	5.4	5.4		5.0	5.3	5.7	5.9		5.8	6.1	6.4	6.3		5.3	5.6	6.0	6.0		30.0
32.0	3.6	3.9	4.2			5.3	5.2	5.1			3.9	4.2	4.5	4.7		4.8	5.0	5.3	5.5		4.2	4.5	4.9	5.1		32.0
34.0	2.7	2.9	3.2			4.9	4.9	4.8			3.0	3.2	3.5			3.8	4.1	4.3			3.3	3.6	3.9	4.0		34.0
36.0		2.1	2.3			4.1	4.2	4.4				2.4	2.6			3.0	3.2	3.4				2.7	3.0			36.0
38.0						3.3	3.5	3.6								2.3	2.4	2.6								38.0
40.0						2.7	2.8										1.8	1.9								40.0
42.0						2.1	2.2																			42.0
44.0						1.6	1.6																			44.0
46.0							1.1																			46.0
48.0																										48.0
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54.0																										54.0
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3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	52~83.5	50~83.5	51~83.5	61~83.5	77~83.5	35~83.5	31~83.5	48~83.5	61~83.5	77~83.5	56~83.5	54~83.5	56~83.5	62~83.5	77~83.5	51~83.5	49~83.5	50~83.5	62~83.5	76~83.5	59~83.5	58~83.5	59~83.5	62~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
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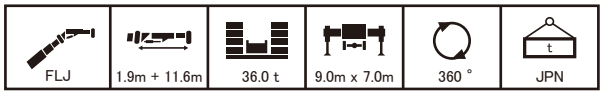
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.9	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.7	5.6	5.4	5.3		5.5	5.4	5.2	5.0		5.0	4.9	4.8	4.6		28.0
30.0	5.3	5.2	5.1	5.0		5.2	5.1	4.9	4.8		4.7	4.6	4.5	4.4		30.0
32.0	5.0	4.9	4.8	4.8		4.7	4.8	4.7	4.6		4.5	4.4	4.3	4.2		32.0
34.0	4.3	4.5	4.6	4.5		3.8	4.0	4.3	4.4		3.7	4.0	4.0	4.0		34.0
36.0	3.4	3.6	3.9			2.9	3.2	3.4	3.6			3.1	3.4	3.6		36.0
38.0	2.7	2.9	3.1						2.8							38.0
40.0	2.0	2.2	2.4													40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	52~83.5	53~83.5	54~83.5	63~83.5	76~83.5	60~83.5	62~83.5	63~83.5	61~83.5	76~83.5	65~83.5	64~83.5	65~83.5	66~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.0	14.6																									4.0
4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		10.7	9.9	9.1	8.6		20.0
22.0	6.1					9.0	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		9.8	9.3	8.8	8.4		22.0
24.0						8.3	8.2	8.1			8.3	8.2	8.1			6.9	6.7	6.5			9.1	8.8	8.4	8.3		24.0
26.0						7.7	7.8	7.9			7.7	7.8	7.9			6.4	6.2	6.1			7.8	8.2	8.2			26.0
28.0						6.6	6.9	7.3			7.2	7.4	7.7			6.0	5.8	5.7			6.4	6.8	7.2			28.0
30.0						5.4	5.7				6.8	7.1				5.6	5.5				5.1	5.5	5.9			30.0
32.0						4.3	4.5				6.1	6.3				5.2	5.1				4.0	4.3	4.7			32.0
34.0						3.3					5.2					5.0					3.1	3.3				34.0
36.0																					2.3	2.4				36.0
38.0																					1.5					38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		27~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		27~83.5	35~83.5	46~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

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8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		13.5	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		11.6	10.5	9.4	8.8		11.6	10.5	9.4	8.8		7.9	7.6	7.1	6.9		12.4	11.0	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		10.7	9.9	9.1	8.6		10.7	9.9	9.1	8.6		7.2	7.1	6.7	6.5		11.5	10.4	9.3	8.7		22.0
24.0	9.1	8.8	8.4	8.3		9.5	9.3	8.7	8.4		9.9	9.3	8.7	8.4		6.6	6.5	6.3	6.1		9.5	9.8	9.0	8.5		24.0
26.0	8.5	8.3	8.2	8.1		7.8	8.3	8.4	8.2		9.0	8.8	8.4	8.2		6.1	6.0	5.9	5.8		7.9	8.4	8.7	8.3		26.0
28.0	7.9	7.9	7.8			6.4	6.9	7.4	7.7		7.6	8.0	8.2	8.1		5.7	5.6	5.5	5.5		6.5	6.9	7.5	7.8		28.0
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34.0	5.3	5.4				3.1	3.4	3.8			4.4	4.7	5.0			4.6	4.5	4.5			3.2	3.5	3.9			34.0
36.0	4.4	4.6				2.3	2.6				3.6	3.8	4.0			4.2	4.2	4.2			2.3	2.6	3.0			36.0
38.0	3.7					1.6	1.8				2.9	3.0				4.0	3.9				1.6	1.9	2.1			38.0
40.0											2.2	2.3				3.7	3.7									40.0
42.0											1.6					3.1										42.0
44.0																2.6										44.0
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62.0																										62.0
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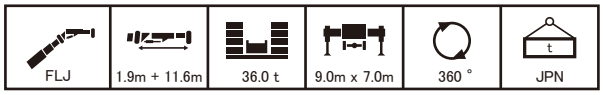
2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93		0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	37~83.5	39~83.5	49~83.5	61~83.5	77~83.5	27~83.5	34~83.5	45~83.5	61~83.5	77~83.5	21~83.5	35~83.5	46~83.5	61~83.5		44~83.5	46~83.5	47~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	11.9	11.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	11.1	10.9	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	9.5	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	9.7	10.2	9.3	8.6		6.4	6.2	5.9	5.7		8.9	8.7	8.5	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	8.0	8.6	9.0	8.5		6.0	5.8	5.5	5.4		8.2	8.2	8.0	7.9		7.0	6.7	6.5	6.2		6.8	6.5	6.1	5.9		26.0
28.0	6.7	7.1	7.7	8.1		5.6	5.5	5.3	5.1		6.8	7.3	7.5	7.5		6.6	6.4	6.1	6.0		6.4	6.2	5.9	5.7		28.0
30.0	5.4	5.9	6.4	6.7		5.2	5.1	5.0	4.9		5.6	6.0	6.6	6.9		6.2	6.0	5.8	5.7		5.8	5.8	5.6	5.5		30.0
32.0	4.3	4.7	5.2	5.5		4.9	4.8	4.7	4.7		4.5	4.9	5.4	5.7		5.3	5.7	5.5	5.5		4.8	5.2	5.4	5.3		32.0
34.0	3.4	3.7	4.2			4.6	4.5	4.4			3.5	3.9	4.4	4.7		4.3	4.7	5.1	5.2		3.8	4.2	4.7	5.0		34.0
36.0	2.5	2.9	3.2			4.4	4.3	4.2			2.7	3.0	3.4	3.7		3.5	3.8	4.2	4.4		3.0	3.3	3.7	4.0		36.0
38.0		2.1	2.4			3.9	4.0	4.0				2.3	2.6			2.8	3.0	3.4				2.6	2.9	3.1		38.0
40.0						3.3	3.5	3.7								2.1	2.4	2.6								40.0
42.0						2.7	2.8	3.0										2.0								42.0
44.0						2.1	2.3																			44.0
46.0						1.6	1.8																			46.0
48.0						1.2	1.3																			48.0
50.0																										50.0
54.0																										54.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	52~83.5	51~83.5	53~83.5	63~83.5	76~83.5	33~83.5	34~83.5	47~83.5	63~83.5	76~83.5	56~83.5	55~83.5	57~83.5	60~83.5	76~83.5	51~83.5	53~83.5	51~83.5	61~83.5	75~83.5	60~83.5	59~83.5	60~83.5	61~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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9.0																9.0
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11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.2	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	5.0	4.9	4.6	4.5		4.9	4.7	4.4	4.3		4.5	4.3	4.1	4.0		30.0
32.0	4.7	4.6	4.4	4.3		4.6	4.4	4.2	4.1		4.2	4.1	3.9	3.8		32.0
34.0	4.5	4.4	4.2	4.1		4.2	4.2	4.0	3.9		4.0	3.9	3.7	3.6		34.0
36.0	3.9	4.1	4.0	4.0		3.4	3.7	3.9	3.8		3.3	3.7	3.6	3.5		36.0
38.0	3.1	3.4	3.8	3.8			3.0	3.4	3.6				3.3	3.3		38.0
40.0	2.5	2.7	3.0						2.8							40.0
42.0		2.1	2.4													42.0
44.0																44.0
46.0																46.0
48.0																48.0
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62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
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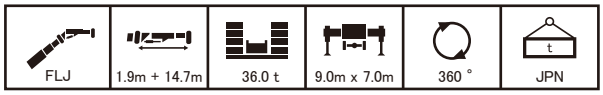
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	55~83.5	54~83.5	56~83.5	62~83.5	77~83.5	63~83.5	62~83.5	64~83.5	62~83.5	77~83.5	65~83.5	66~83.5	66~83.5	67~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	13.9																									4.5
5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		8.1	7.6	7.0	6.6		22.0
24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.5	7.1	6.7	6.4		24.0
26.0	4.4					6.3	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		6.9	6.7	6.4	6.3		26.0
28.0						5.9	5.9	6.0			5.9	5.9	6.0			5.5	5.4	5.2			6.5	6.3	6.2	6.1		28.0
30.0						5.5	5.6	5.8			5.5	5.6	5.8			5.2	5.0	4.9			5.9	6.0	6.0			30.0
32.0						5.1	5.3	5.7			5.1	5.3	5.7			4.8	4.7	4.6			4.8	5.2	5.7			32.0
34.0						4.1	4.4				4.8	5.1				4.6	4.5				3.8	4.2	4.6			34.0
36.0						3.3	3.5				4.6	5.0				4.3	4.2				3.0	3.3				36.0
38.0						2.5					4.2					4.1					2.2	2.5				38.0
40.0																					1.6	1.8				40.0
42.0																										42.0
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4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46	46	0	0	0	0	0	4
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	30~83.5	32~83.5	49~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		9.4	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		8.1	7.5	6.9	6.5		8.1	7.5	6.9	6.5		6.3	6.0	5.7	5.5		8.7	7.9	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		7.5	7.1	6.7	6.4		7.5	7.1	6.7	6.4		5.8	5.6	5.3	5.2		8.1	7.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		7.0	6.7	6.4	6.2		7.0	6.7	6.4	6.2		5.4	5.3	5.0	4.9		7.1	7.1	6.6	6.3		28.0
30.0	6.0	6.0	6.0			5.9	6.4	6.2	6.1		6.6	6.4	6.2	6.1		5.0	4.9	4.8	4.7		5.9	6.4	6.4	6.2		30.0
32.0	5.7	5.7	5.8			4.8	5.2	5.8			5.9	6.1	6.0			4.7	4.6	4.5	4.5		4.8	5.3	5.9	6.1		32.0
34.0	5.3	5.5	5.7			3.8	4.2	4.7			5.0	5.4	5.7			4.3	4.3	4.2			3.8	4.2	4.8	5.1		34.0
36.0	5.0	5.2				3.0	3.3	3.7			4.2	4.5	4.8			4.0	4.0	4.0			3.0	3.4	3.8			36.0
38.0	4.2	4.4				2.2	2.5	2.9			3.4	3.7	4.0			3.8	3.7	3.7			2.2	2.6	3.0			38.0
40.0	3.6	3.7				1.6	1.8				2.8	3.0				3.5	3.5					1.9	2.2			40.0
42.0	3.0						1.2				2.2	2.3				3.3	3.3									42.0
44.0											1.6	1.8				3.1	3.1									44.0
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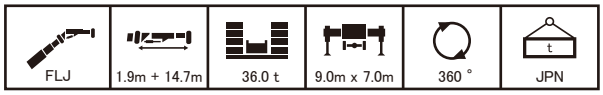
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5		39~83.5	36~83.5	47~83.5	63~83.5	76~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	25~83.5	33~83.5	48~83.5	60~83.5		48~83.5	47~83.5	49~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	10.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	9.3	8.3	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	8.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	8.6	7.9	7.1	6.5		5.6	5.3	5.0	4.9	4.8	8.0	7.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	7.2	7.5	6.8	6.4		5.3	5.0	4.8	4.6		7.3	7.3	7.0	6.5		6.1	5.9	5.5	5.2		5.9	5.6	5.2	5.0	4.9	28.0
30.0	6.0	6.5	6.6	6.3		5.0	4.8	4.5	4.4		6.1	6.6	6.7	6.4		5.8	5.6	5.2	5.0		5.6	5.4	5.0	4.8		30.0
32.0	4.9	5.4	6.0	6.2		4.7	4.5	4.3	4.2		5.0	5.6	6.2	6.3		5.5	5.3	5.0	4.9		5.2	5.1	4.8	4.6		32.0
34.0	3.9	4.4	5.0	5.4		4.4	4.3	4.1	4.0		4.1	4.6	5.2	5.5		5.0	5.0	4.8	4.7		4.3	4.8	4.6	4.5		34.0
36.0	3.1	3.5	4.0	4.4		4.1	4.0	3.9	3.9		3.2	3.7	4.2	4.6		4.2	4.6	4.6	4.5		3.4	3.9	4.4	4.3		36.0
38.0	2.4	2.7	3.2			3.9	3.8	3.7			2.5	2.9	3.4	3.7		3.4	3.8	4.2	4.3		2.7	3.1	3.6	3.9		38.0
40.0		2.0	2.4			3.7	3.6	3.5					2.6			2.7	3.1	3.4					2.9	3.1		40.0
42.0						3.1	3.3	3.4								2.1	2.4	2.8								42.0
44.0						2.6	2.8	3.0									1.9	2.1								44.0
46.0						2.1	2.2	2.4																		46.0
48.0						1.6	1.8																			48.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	53~83.5	52~83.5	54~83.5	61~83.5	77~83.5	35~83.5	36~83.5	45~83.5	62~83.5	75~83.5	57~83.5	59~83.5	58~83.5	62~83.5	77~83.5	52~83.5	51~83.5	53~83.5	62~83.5	77~83.5	60~83.5	62~83.5	62~83.5	63~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.7	4.5	4.2	4.1		4.5	4.3	4.0	3.9	3.9	4.2	4.0	3.8	3.6	3.6	30.0
32.0	4.5	4.3	4.0	3.9		4.3	4.1	3.9	3.7		4.0	3.8	3.6	3.5		32.0
34.0	4.2	4.1	3.8	3.7		4.1	3.9	3.7	3.6		3.8	3.6	3.4	3.3		34.0
36.0	4.0	3.9	3.7	3.6		3.8	3.7	3.5	3.4		3.6	3.4	3.3	3.2		36.0
38.0	3.6	3.7	3.5	3.4		3.1	3.5	3.4	3.3		3.0	3.3	3.1	3.0		38.0
40.0	2.9	3.2	3.4	3.3			2.8	3.2	3.2				3.0	2.9		40.0
42.0	2.3	2.6	3.0	3.2					2.8							42.0
44.0		2.0	2.4													44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
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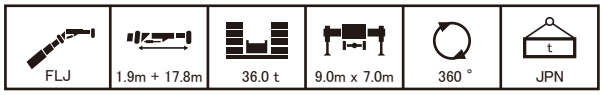
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	56~83.5	55~83.5	57~83.5	61~83.5	76~83.5	63~83.5	63~83.5	65~83.5	64~83.5	76~83.5	65~83.5	67~83.5	67~83.5	68~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5																										4.5
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.5	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		5.1	5.0	4.9	4.9		30.0
32.0						4.3	4.4	4.6			4.3	4.4	4.6			4.3	4.4	4.3			4.8	4.8	4.8	4.8		32.0
34.0						4.1	4.2	4.5			4.1	4.2	4.5			4.1	4.1	4.0			4.5	4.5	4.6			34.0
36.0						3.8	4.0				3.8	4.0				3.8	3.9				3.6	4.0	4.5			36.0
38.0						3.2	3.4				3.6	3.9				3.6	3.7				2.9	3.2	3.6			38.0
40.0						2.5					3.4					3.4	3.5				2.2	2.5				40.0
42.0																					1.6	1.8				42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		32~83.5	34~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

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11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.9	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		6.0	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		6.4	6.0	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		5.6	5.3	5.1	4.9		5.6	5.3	5.1	4.9		4.8	4.6	4.4	4.3		6.0	5.7	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		5.2	5.1	4.9	4.8		5.2	5.1	4.9	4.8		4.5	4.4	4.2	4.1		5.3	5.4	5.1	4.9		32.0
34.0	4.5	4.5	4.6			4.4	4.8	4.8	4.8		4.9	4.8	4.8	4.8		4.2	4.1	4.0	3.9		4.4	4.9	4.9	4.8		34.0
36.0	4.2	4.3	4.5			3.6	4.0	4.6			4.6	4.6	4.6			3.9	3.9	3.8			3.5	4.0	4.6	4.8		36.0
38.0	4.0	4.2	4.4			2.8	3.2	3.7			3.9	4.3	4.5			3.7	3.6	3.6			2.8	3.2	3.8			38.0
40.0	3.8	4.0				2.1	2.5	2.9			3.3	3.6	3.9			3.4	3.4	3.4			2.1	2.5	3.0			40.0
42.0	3.5	3.6				1.5	1.8	2.2			2.7	2.9	3.2			3.2	3.2	3.2				1.8	2.3			42.0
44.0	2.9						1.3				2.1	2.3				3.0	3.0									44.0
46.0											1.6	1.8				2.8	2.8									46.0
48.0											1.2					2.6	2.7									48.0
50.0																2.2										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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3	93	93	93	93	93	46	46	46	46		93	93	93	93		46	46	46	46	46	93	93	93	93	93	3
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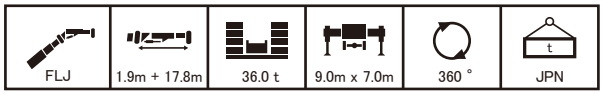
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	40~83.5	38~83.5	44~83.5	61~83.5		27~83.5	34~83.5	45~83.5	61~83.5		21~83.5	29~83.5	46~83.5	61~83.5	75~83.5	49~83.5	48~83.5	51~83.5	62~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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2.5																										2.5
3.0																										3.0
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	7.4	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	7.4	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	6.9	6.3	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	6.9	6.8	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	6.4	5.9	5.4	5.1		4.7	4.4	4.2	4.0		6.5	6.4	5.7	5.3	4.9	5.4	5.1	4.7	4.5	4.5	5.2	4.9	4.5	4.3	4.3	30.0
32.0	5.4	5.7	5.3	5.0		4.4	4.2	4.0	3.8		5.5	6.1	5.5	5.1		5.1	4.9	4.5	4.4		5.0	4.7	4.3	4.2	4.1	32.0
34.0	4.5	5.0	5.1	4.9		4.2	4.0	3.8	3.7		4.5	5.1	5.4	5.1		4.9	4.7	4.4	4.2		4.7	4.5	4.2	4.0		34.0
36.0	3.6	4.1	4.8	4.8		3.9	3.8	3.6	3.5		3.7	4.2	4.9	5.0		4.6	4.5	4.2	4.1		4.1	4.3	4.0	3.9		36.0
38.0	2.9	3.3	3.9	4.3		3.7	3.6	3.4	3.4		2.9	3.4	4.1	4.5		3.8	4.3	4.1	4.0		3.3	3.8	3.9	3.8		38.0
40.0	2.2	2.6	3.1	3.5		3.5	3.4	3.3	3.3			2.7	3.3	3.7		3.2	3.6	3.9	3.8		2.6	3.1	3.7	3.7		40.0
42.0		2.0	2.4			3.3	3.2	3.2					2.6	2.9		2.5	2.9	3.4	3.7			2.5	3.0	3.3		42.0
44.0						2.9	3.1	3.0								2.0	2.3	2.7						2.6		44.0
46.0						2.4	2.7	2.9									1.8	2.2								46.0
48.0						2.0	2.2	2.4																		48.0
50.0						1.6	1.8																			50.0
54.0																										54.0
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62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	53~83.5	53~83.5	55~83.5	60~83.5	76~83.5	40~83.5	42~83.5	47~83.5	60~83.5	76~83.5	59~83.5	59~83.5	59~83.5	61~83.5	76~83.5	52~83.5	52~83.5	54~83.5	61~83.5	75~83.5	60~83.5	60~83.5	63~83.5	61~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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4.5																4.5
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7.0																7.0
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10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	4.0	3.7	3.5	3.4		3.8	3.6	3.4	3.3		3.5	3.4	3.2	3.1	3.0	34.0
36.0	3.8	3.6	3.4	3.3		3.6	3.4	3.2	3.1		3.4	3.2	3.0	2.9		36.0
38.0	3.6	3.4	3.2	3.1		3.5	3.3	3.1	3.0		3.2	3.0	2.9	2.8		38.0
40.0	3.3	3.3	3.1	3.0		2.8	3.1	3.0	2.9			2.9	2.8	2.7		40.0
42.0	2.7	3.1	3.0	2.9				2.8	2.8				2.6	2.6		42.0
44.0	2.1	2.5	2.8	2.8					2.7							44.0
46.0			2.4													46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
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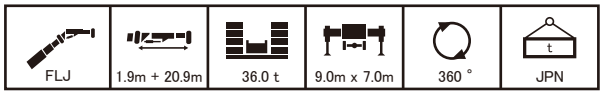
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	56~83.5	58~83.5	58~83.5	62~83.5	75~83.5	63~83.5	65~83.5	65~83.5	65~83.5	77~83.5	67~83.5	67~83.5	67~83.5	69~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0																										6.0
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8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6						5.6				5.6					10.0
11.0	5.6	5.6				5.6					5.6						5.6				5.6					11.0
12.0	5.6	5.6				5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.6	5.3		5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6			5.6	5.5	5.0		5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		4.3	4.2	4.1	4.0		32.0
34.0						3.6	3.7	3.8			3.6	3.7	3.8			3.6	3.7	3.7			4.0	4.0	4.0	3.9		34.0
36.0						3.4	3.5	3.7			3.4	3.5	3.7			3.4	3.5	3.5			3.8	3.8	3.9			36.0
38.0						3.2	3.4	3.6			3.2	3.4	3.6			3.2	3.4	3.3			3.5	3.6	3.7			38.0
40.0						3.0	3.2				3.0	3.2				3.0	3.2				2.9	3.3	3.6			40.0
42.0						2.6	2.8				2.8	3.1				2.8	3.1				2.3	2.6	3.0			42.0
44.0						2.0					2.7					2.7					1.7	2.0				44.0
46.0																					1.2	1.4				46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		29~83.5	32~83.5	44~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6					5.6						5.6				5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.5	5.1		5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		5.0	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	5.4	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.7	4.5	4.3	4.1		4.7	4.5	4.3	4.1		4.3	4.1	3.9	3.8		5.1	4.8	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		4.4	4.3	4.1	4.0		4.4	4.3	4.1	4.0		4.0	3.8	3.7	3.6		4.7	4.5	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		4.1	4.1	4.0	3.9		4.1	4.1	4.0	3.9		3.8	3.6	3.5	3.4		4.2	4.3	4.1	4.0		36.0
38.0	3.5	3.6	3.7			3.5	3.9	3.9	3.9		3.9	3.9	3.9	3.9		3.5	3.5	3.3	3.3		3.4	3.9	4.0	3.9		38.0
40.0	3.3	3.5	3.6			2.8	3.2	3.8			3.6	3.7	3.8			3.3	3.3	3.2			2.7	3.2	3.8	3.9		40.0
42.0	3.1	3.3	3.5			2.2	2.6	3.0			3.2	3.5	3.7			3.1	3.1	3.0			2.1	2.6	3.1			42.0
44.0	3.0	3.2				1.6	2.0	2.4			2.7	3.0	3.3			2.9	2.9	2.9				2.0	2.4			44.0
46.0	2.8	3.1					1.4				2.2	2.4				2.8	2.7	2.7					1.8			46.0
48.0	2.5										1.7	1.9				2.6	2.6									48.0
50.0											1.3	1.4				2.5	2.4									50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	1
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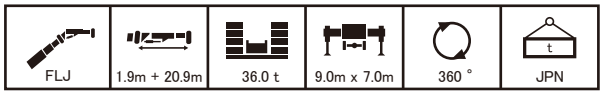
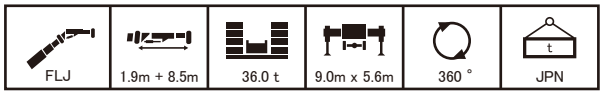
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	33~83.5	45~83.5	59~83.5	74~83.5	41~83.5	41~83.5	47~83.5	60~83.5	76~83.5	30~83.5	32~83.5	48~83.5	60~83.5	76~83.5	31~83.5	33~83.5	44~83.5	60~83.5	74~83.5	50~83.5	50~83.5	49~83.5	61~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	5.6	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	5.4	5.0	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	5.6	5.1	4.6	4.3	3.8	4.8	4.4	4.1	4.0	3.8	4.6	4.3	4.0	3.8	3.8	32.0
34.0	5.1	4.8	4.4	4.1		3.9	3.7	3.5	3.4		5.2	4.9	4.4	4.2	3.8	4.6	4.3	4.0	3.8	3.8	4.4	4.1	3.8	3.7	3.6	34.0
36.0	4.2	4.5	4.3	4.0		3.7	3.5	3.3	3.2		4.3	4.8	4.3	4.1		4.4	4.1	3.8	3.7		4.2	3.9	3.7	3.5		36.0
38.0	3.5	4.0	4.1	4.0		3.5	3.3	3.2	3.1		3.6	4.1	4.2	4.0		4.2	3.9	3.7	3.6		3.7	3.8	3.5	3.4		38.0
40.0	2.8	3.3	4.0	3.9		3.4	3.2	3.0	3.0		2.9	3.4	4.1	4.0		3.5	3.8	3.6	3.5		3.0	3.6	3.4	3.3		40.0
42.0	2.2	2.7	3.2	3.6		3.2	3.1	2.9	2.9		2.3	2.7	3.4	3.8		2.9	3.4	3.4	3.4			2.9	3.3	3.2		42.0
44.0		2.1	2.6			3.0	2.9	2.8	2.8				2.7	3.1		2.4	2.8	3.3	3.3				2.9	3.1		44.0
46.0			2.0			2.8	2.8	2.7						2.4		1.9	2.2	2.7	3.0					2.7		46.0
48.0						2.3	2.6	2.6										2.2								48.0
50.0						1.9	2.2	2.4																		50.0
54.0						1.2	1.4																			54.0
58.0																										58.0
62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	54~83.5	54~83.5	54~83.5	62~83.5	75~83.5	38~83.5	40~83.5	49~83.5	59~83.5	75~83.5	57~83.5	60~83.5	61~83.5	60~83.5	75~83.5	53~83.5	56~83.5	56~83.5	60~83.5	75~83.5	63~83.5	63~83.5	64~83.5	63~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0	3.3	3.1	2.9	2.8	2.8	34.0
36.0	3.5	3.3	3.1	3.0		3.4	3.2	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.7	36.0
38.0	3.3	3.2	3.0	2.9		3.2	3.0	2.9	2.8		3.0	2.8	2.7	2.6	2.6	38.0
40.0	3.2	3.0	2.9	2.8		3.1	2.9	2.7	2.7		2.9	2.7	2.6	2.5		40.0
42.0	3.0	2.9	2.7	2.7			2.8	2.6	2.6			2.6	2.4	2.4		42.0
44.0	2.5	2.8	2.6	2.6				2.5	2.5				2.3	2.3		44.0
46.0		2.4	2.5	2.5					2.4							46.0
48.0			2.3	2.4												48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	59~83.5	59~83.5	60~83.5	61~83.5	76~83.5	65~83.5	66~83.5	66~83.5	66~83.5	76~83.5	67~83.5	67~83.5	68~83.5	70~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.1	14.2	12.9	12.1		16.0
18.0	9.1	9.6				12.0	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		11.8	12.4	12.4	11.8		18.0
20.0	8.4					9.4	9.9	10.5	10.8		11.4	11.7	11.5	11.4		8.9	8.6	8.3	8.2		9.3	9.8	10.4	10.8		20.0
22.0						7.4	7.8	8.3			9.3	9.6	10.0			8.2	7.9	7.7			7.3	7.7	8.2	8.5		22.0
24.0						5.8	6.1	6.5			7.7	7.9	8.2			7.6	7.4	7.2			5.6	6.0	6.4			24.0
26.0						4.4	4.7	4.9			6.3	6.5	6.7			7.0	6.9	6.7			4.2	4.5	4.9			26.0
28.0						3.2	3.4				5.2	5.3				6.3	6.4				3.0	3.3	3.5			28.0
30.0						2.2	2.3				4.2	4.3				5.3	5.4				2.0	2.2				30.0
32.0						1.3					3.3					4.4						1.2				32.0
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0	0	4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		22~83.5	32~83.5	45~83.5	61~83.5	78~83.5	22~83.5	32~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5		41~83.5	37~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		15.2	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	15.4	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		11.9	12.5	12.7	12.0		13.3	13.9	12.9	12.1		9.1	8.9	8.6	8.3		12.1	12.7	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		9.3	9.9	10.5	11.0		10.8	11.2	11.8	11.9		8.3	8.1	8.0	7.8		9.5	10.1	10.8	11.2		20.0
22.0	9.5	9.9	10.3	10.3		7.3	7.8	8.4	8.7		8.7	9.1	9.6	9.9		7.6	7.5	7.3	7.3		7.5	8.0	8.6	9.0		22.0
24.0	7.9	8.2	8.5			5.7	6.1	6.6	6.9		7.1	7.4	7.8	8.1		7.0	6.9	6.7	6.7		5.9	6.3	6.8	7.1		24.0
26.0	6.5	6.7	7.0			4.3	4.7	5.1			5.7	6.0	6.3			6.4	6.3	6.2			4.5	4.9	5.3	5.6		26.0
28.0	5.4	5.5	5.7			3.1	3.4	3.8			4.5	4.8	5.1			5.9	5.9	5.8			3.2	3.6	4.0			28.0
30.0	4.4	4.5				2.1	2.3	2.6			3.5	3.7	4.0			5.1	5.3	5.4				2.5	2.8			30.0
32.0	3.4	3.6									2.6	2.8	3.0			4.3	4.4	4.6								32.0
34.0	2.7	2.7									1.8	2.0				3.5	3.6									34.0
36.0	2.0											1.2				2.8	2.9									36.0
38.0																2.2	2.2									38.0
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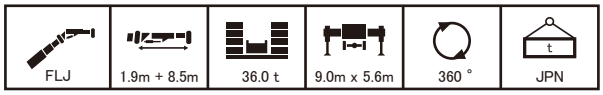
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	23~83.5	31~83.5	49~83.5	62~83.5	77~83.5	48~83.5	49~83.5	50~83.5	62~83.5	76~83.5	40~83.5	36~83.5	46~83.5	62~83.5	76~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	56~83.5	54~83.5	55~83.5	63~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	12.3	12.9	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	9.8	10.3	11.0	11.5		8.0	7.8	7.4	7.2		10.1	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	7.7	8.2	8.8	9.2		7.4	7.2	7.0	6.8		8.1	8.5	9.1	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	6.1	6.5	7.0	7.4		6.9	6.7	6.6	6.5		6.4	6.8	7.4	7.7		7.2	7.6	7.5	7.3		6.7	7.1	7.2	7.0		24.0
26.0	4.7	5.1	5.6	5.9		6.4	6.3	6.1	6.1		5.0	5.4	5.9	6.2		5.8	6.2	6.6	6.9		5.4	5.7	6.2	6.5		26.0
28.0	3.5	3.8	4.3	4.5		5.7	5.9	5.7	5.7		3.8	4.2	4.6	4.9		4.7	5.0	5.3	5.6		4.1	4.5	4.9	5.2		28.0
30.0			3.1	3.3		4.7	4.9	5.1	5.3				3.5	3.7		3.6	3.9	4.3	4.5			3.4	3.8	4.0		30.0
32.0						3.8	4.0	4.2								2.7	3.0	3.3	3.4							32.0
34.0						3.0	3.1	3.4																		34.0
36.0						2.3	2.4	2.6																		36.0
38.0						1.6	1.8	1.9																		38.0
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42.0																										42.0
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50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	60~83.5	61~83.5	60~83.5	60~83.5	77~83.5	46~83.5	47~83.5	48~83.5	61~83.5	77~83.5	63~83.5	64~83.5	63~83.5	64~83.5	77~83.5	58~83.5	59~83.5	61~83.5	61~83.5	76~83.5	66~83.5	65~83.5	66~83.5	67~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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3.5																3.5
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5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.8	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.1	5.4	5.4	5.3		4.6	5.0	5.2	5.0		4.6	4.9	4.8	4.6		28.0
30.0	4.1	4.4	4.7	4.9			3.9	4.3	4.5				4.3	4.4		30.0
32.0	3.1	3.4	3.7	3.9					3.5							32.0
34.0			2.9	3.0												34.0
36.0																36.0
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58.0																58.0
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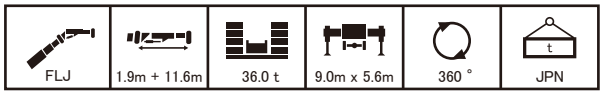
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	61~83.5	63~83.5	61~83.5	62~83.5	76~83.5	68~83.5	67~83.5	69~83.5	67~83.5	76~83.5	70~83.5	71~83.5	70~83.5	71~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		10.3	9.9	9.1	8.6		20.0
22.0	6.1					8.5	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		8.2	8.8	8.8	8.4		22.0
24.0						6.8	7.3	7.8			8.3	8.2	8.1			6.9	6.7	6.5			6.6	7.1	7.7	8.2		24.0
26.0						5.4	5.8	6.3			7.1	7.4	7.8			6.4	6.2	6.1			5.2	5.7	6.2			26.0
28.0						4.2	4.6	4.9			5.9	6.2	6.5			6.0	5.8	5.7			4.0	4.4	4.9			28.0
30.0						3.1	3.4				5.0	5.2				5.6	5.5				2.9	3.3	3.7			30.0
32.0						2.2	2.4				4.1	4.2				5.0	5.1				2.0	2.3	2.6			32.0
34.0						1.4					3.3					4.3						1.4				34.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	35~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		42~83.5	39~83.5	46~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		12.9	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		10.3	10.5	9.4	8.8		11.5	10.5	9.4	8.8		7.9	7.6	7.1	6.9		10.3	11.0	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		8.3	8.9	9.1	8.6		9.5	9.9	9.1	8.6		7.2	7.1	6.7	6.5		8.3	8.9	9.3	8.7		22.0
24.0	8.6	8.8	8.4	8.3		6.6	7.2	7.8	8.3		7.8	8.3	8.7	8.4		6.6	6.5	6.3	6.1		6.6	7.2	7.9	8.5		24.0
26.0	7.2	7.5	7.9	8.1		5.3	5.7	6.3	6.7		6.4	6.8	7.3	7.7		6.1	6.0	5.9	5.8		5.3	5.8	6.4	6.8		26.0
28.0	6.0	6.3	6.6			4.0	4.5	5.0	5.3		5.3	5.6	6.0	6.3		5.7	5.6	5.5	5.5		4.0	4.5	5.1	5.5		28.0
30.0	5.0	5.3	5.5			3.0	3.4	3.8			4.2	4.6	4.9			5.3	5.2	5.1			3.0	3.4	3.9	4.3		30.0
32.0	4.1	4.4	4.6			2.0	2.4	2.8			3.3	3.6	3.9			4.8	4.8	4.8				2.5	2.9			32.0
34.0	3.3	3.5						1.9			2.5	2.8	3.0			4.0	4.2	4.4								34.0
36.0	2.6	2.8									1.8	2.0	2.2			3.3	3.5	3.7								36.0
38.0	2.0										1.2	1.4				2.7	2.8									38.0
40.0																2.1	2.2									40.0
42.0																1.6										42.0
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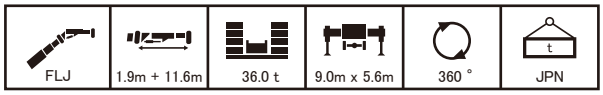
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	46~83.5	60~83.5	75~83.5	48~83.5	50~83.5	48~83.5	61~83.5	77~83.5	37~83.5	39~83.5	44~83.5	61~83.5	77~83.5	20~83.5	34~83.5	45~83.5	61~83.5		56~83.5	55~83.5	57~83.5	61~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	10.5	11.3	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	8.5	9.1	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	8.6	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	6.8	7.4	8.1	8.6		6.4	6.2	5.9	5.7		7.0	7.6	8.3	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	5.5	6.0	6.6	7.1		6.0	5.8	5.5	5.4		5.6	6.1	6.8	7.3		6.3	6.7	6.5	6.2		5.8	6.4	6.1	5.9		26.0
28.0	4.2	4.7	5.3	5.7		5.6	5.5	5.3	5.1		4.4	4.9	5.5	5.9		5.2	5.6	6.1	6.0		4.7	5.1	5.7	5.7		28.0
30.0	3.2	3.6	4.2	4.5		5.2	5.1	5.0	4.9		3.4	3.8	4.4	4.7		4.1	4.6	5.0	5.3		3.6	4.1	4.6	5.0		30.0
32.0			3.1	3.4		4.4	4.7	4.7	4.7				3.3	3.7		3.2	3.6	4.1	4.3				3.6	4.0		32.0
34.0						3.6	3.9	4.2									2.8	3.2	3.4							34.0
36.0						2.9	3.1	3.4											2.6							36.0
38.0						2.3	2.5	2.7																		38.0
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54.0																										54.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	60~83.5	61~83.5	61~83.5	62~83.5	76~83.5	47~83.5	48~83.5	46~83.5	63~83.5	76~83.5	63~83.5	65~83.5	64~83.5	65~83.5	76~83.5	61~83.5	60~83.5	62~83.5	60~83.5	75~83.5	66~83.5	67~83.5	67~83.5	68~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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8.0																8.0
9.0																9.0
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11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.1	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	4.6	4.9	4.6	4.5		4.1	4.5	4.4	4.3		4.0	4.3	4.1	4.0		30.0
32.0	3.6	4.0	4.4	4.3			3.5	4.1	4.1				3.9	3.8		32.0
34.0	2.8	3.2	3.6	3.8					3.5							34.0
36.0			2.8	3.0												36.0
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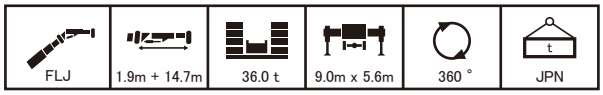
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	62~83.5	63~83.5	63~83.5	64~83.5	77~83.5	68~83.5	68~83.5	70~83.5	68~83.5	77~83.5	70~83.5	71~83.5	71~83.5	72~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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5.0	13.9																									5.0
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8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		8.1	7.6	7.0	6.6		22.0
24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.3	7.1	6.7	6.4		24.0
26.0	4.4					6.2	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		5.9	6.5	6.4	6.3		26.0
28.0						5.0	5.4	6.0			5.9	5.9	6.0			5.5	5.4	5.2			4.7	5.2	5.9	6.1		28.0
30.0						3.9	4.4	4.8			5.5	5.6	5.8			5.2	5.0	4.9			3.6	4.1	4.7			30.0
32.0						3.0	3.3	3.7			4.7	4.9	5.2			4.8	4.7	4.6			2.7	3.1	3.6			32.0
34.0						2.2	2.5				3.9	4.1				4.6	4.5				1.9	2.3	2.7			34.0
36.0						1.5	1.7				3.2	3.3				4.1	4.2					1.5				36.0
38.0											2.5					3.5										38.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		30~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	43~83.5	42~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
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10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		8.9	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		7.3	7.5	6.9	6.5		8.1	7.5	6.9	6.5		6.3	6.0	5.7	5.5		7.2	7.9	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		5.9	6.5	6.7	6.4		7.0	7.1	6.7	6.4		5.8	5.6	5.3	5.2		5.9	6.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		4.7	5.2	5.9	6.2		5.8	6.3	6.4	6.2		5.4	5.3	5.0	4.9		4.7	5.3	6.0	6.3		28.0
30.0	5.5	5.9	6.0			3.6	4.2	4.8	5.2		4.8	5.2	5.7	6.1		5.0	4.9	4.8	4.7		3.6	4.2	4.8	5.3		30.0
32.0	4.7	5.0	5.3			2.7	3.2	3.7			3.9	4.3	4.7			4.7	4.6	4.5	4.5		2.7	3.2	3.8	4.2		32.0
34.0	3.9	4.2	4.4			1.9	2.3	2.8			3.1	3.4	3.8			4.3	4.3	4.2				2.3	2.9	3.2		34.0
36.0	3.2	3.4						1.9			2.4	2.7	3.0			3.9	4.0	4.0								36.0
38.0	2.5	2.7									1.7	2.0	2.3			3.3	3.5	3.7								38.0
40.0	2.0	2.1										1.4				2.7	2.9									40.0
42.0	1.5															2.2	2.3									42.0
44.0																1.7	1.8									44.0
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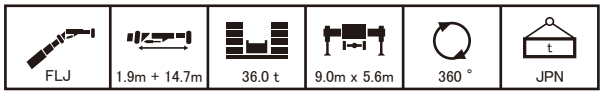
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	23~83.5	32~83.5	49~83.5	62~83.5		49~83.5	51~83.5	50~83.5	62~83.5	76~83.5	42~83.5	41~83.5	47~83.5	63~83.5	76~83.5	24~83.5	32~83.5	48~83.5	60~83.5		56~83.5	56~83.5	58~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
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12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	9.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	7.4	8.1	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	7.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	6.0	6.6	7.1	6.5		5.6	5.3	5.0	4.9	4.8	6.1	6.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	4.8	5.4	6.1	6.4		5.3	5.0	4.8	4.6		4.9	5.5	6.3	6.5		5.8	5.9	5.5	5.2		5.1	5.6	5.2	5.0	4.9	28.0
30.0	3.8	4.3	5.0	5.5		5.0	4.8	4.5	4.4		3.9	4.5	5.1	5.6		4.8	5.3	5.2	5.0		4.1	4.7	5.0	4.8		30.0
32.0	2.8	3.3	4.0	4.4		4.7	4.5	4.3	4.2			3.5	4.2	4.6		3.9	4.4	4.9	4.9			3.7	4.4	4.6		32.0
34.0			3.1	3.5		4.0	4.3	4.1	4.0				3.2	3.6		3.1	3.5	4.1	4.4				3.5	3.9		34.0
36.0						3.3	3.7	3.9	3.9								2.7	3.2	3.6							36.0
38.0						2.7	3.0	3.3										2.5	2.8							38.0
40.0						2.1	2.4	2.7																		40.0
42.0						1.6	1.8	2.1																		42.0
44.0								1.6																		44.0
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58.0																										58.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	60~83.5	62~83.5	62~83.5	63~83.5	77~83.5	48~83.5	50~83.5	48~83.5	62~83.5	75~83.5	65~83.5	65~83.5	65~83.5	67~83.5	77~83.5	61~83.5	60~83.5	60~83.5	62~83.5	77~83.5	68~83.5	67~83.5	68~83.5	69~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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8.0																8.0
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11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.7	4.5	4.2	4.1		4.5	4.3	4.0	3.9	3.9	4.2	4.0	3.8	3.6	3.6	30.0
32.0	4.1	4.3	4.0	3.9		3.6	4.1	3.9	3.7			3.8	3.6	3.5		32.0
34.0	3.3	3.7	3.8	3.7				3.7	3.6				3.4	3.3		34.0
36.0		2.9	3.4	3.6					3.4							36.0
38.0			2.7	3.0												38.0
40.0																40.0
42.0																42.0
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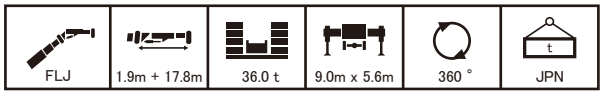
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	64~83.5	64~83.5	64~83.5	65~83.5	76~83.5	68~83.5	70~83.5	70~83.5	70~83.5	76~83.5	71~83.5	71~83.5	72~83.5	73~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.3	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		4.3	4.9	4.9	4.9		30.0
32.0						3.7	4.1	4.6			4.3	4.4	4.6			4.3	4.4	4.3			3.4	3.9	4.5	4.8		32.0
34.0						2.9	3.3	3.7			4.1	4.2	4.5			4.1	4.1	4.0			2.6	3.0	3.6			34.0
36.0						2.2	2.5				3.7	3.9				3.8	3.9				1.8	2.2	2.7			36.0
38.0						1.5	1.8				3.1	3.3				3.6	3.7					1.5	1.9			38.0
40.0											2.5					3.4	3.5									40.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		32~83.5	34~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		44~83.5	43~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
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10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.4	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		5.3	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		5.2	5.9	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		4.2	4.8	5.1	4.9		5.3	5.3	5.1	4.9		4.8	4.6	4.4	4.3		4.2	4.8	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		3.3	3.9	4.6	4.8		4.4	4.8	4.9	4.8		4.5	4.4	4.2	4.1		3.2	3.8	4.6	4.9		32.0
34.0	4.3	4.5	4.6			2.5	3.0	3.6	4.1		3.6	4.0	4.5	4.8		4.2	4.1	4.0	3.9		2.4	3.0	3.7	4.1		34.0
36.0	3.7	4.0	4.3				2.2	2.8			2.9	3.3	3.7			3.9	3.9	3.8					2.8	3.2		36.0
38.0	3.0	3.3	3.6					2.0			2.2	2.6	3.0			3.7	3.6	3.6								38.0
40.0	2.5	2.7									1.7	2.0	2.3			3.1	3.3	3.4								40.0
42.0	1.9	2.1										1.4	1.7			2.6	2.8	3.0								42.0
44.0	1.5															2.1	2.3									44.0
46.0																1.7	1.8									46.0
48.0																1.3	1.4									48.0
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62.0																										62.0
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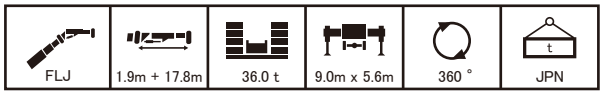
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	26~83.5	34~83.5	46~83.5	60~83.5	75~83.5	53~83.5	52~83.5	52~83.5	61~83.5		43~83.5	42~83.5	44~83.5	61~83.5		27~83.5	29~83.5	45~83.5	61~83.5	75~83.5	56~83.5	59~83.5	59~83.5	61~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	6.5	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	6.5	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	5.3	6.0	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	5.4	6.1	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	4.3	4.9	5.4	5.1		4.7	4.4	4.2	4.0		4.4	5.0	5.7	5.3	4.9	5.2	5.1	4.7	4.5	4.5	4.7	4.9	4.5	4.3	4.3	30.0
32.0	3.3	4.0	4.7	5.0		4.4	4.2	4.0	3.8		3.4	4.1	4.8	5.1		4.3	4.8	4.5	4.4		3.8	4.4	4.3	4.2	4.1	32.0
34.0		3.1	3.8	4.3		4.2	4.0	3.8	3.7			3.2	3.9	4.4		3.5	4.0	4.4	4.2			3.6	4.2	4.0		34.0
36.0			3.0	3.4		3.7	3.8	3.6	3.5				3.1	3.6		2.8	3.3	3.9	4.1				3.5	3.9		36.0
38.0				2.6		3.1	3.4	3.4	3.4								2.6	3.1	3.5					3.2		38.0
40.0						2.5	2.8	3.2	3.3									2.5	2.8							40.0
42.0						2.0	2.3	2.6																		42.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	62~83.5	62~83.5	63~83.5	62~83.5	76~83.5	51~83.5	51~83.5	50~83.5	60~83.5	76~83.5	65~83.5	65~83.5	66~83.5	68~83.5	76~83.5	61~83.5	61~83.5	61~83.5	63~83.5	75~83.5	67~83.5	68~83.5	69~83.5	68~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	3.6	3.7	3.5	3.4			3.6	3.4	3.3				3.2	3.1	3.0	34.0
36.0	2.9	3.4	3.4	3.3				3.2	3.1					2.9		36.0
38.0		2.7	3.2	3.1					3.0							38.0
40.0			2.6	3.0												40.0
42.0																42.0
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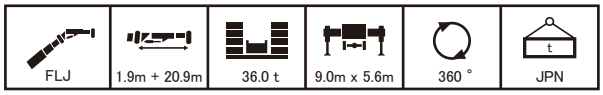
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	64~83.5	64~83.5	65~83.5	66~83.5	75~83.5	70~83.5	70~83.5	71~83.5	71~83.5	77~83.5	71~83.5	73~83.5	74~83.5	74~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		4.1	4.2	4.1	4.0		32.0
34.0						3.6	3.7	3.8			3.6	3.7	3.8			3.6	3.7	3.7			3.3	3.8	4.0	3.9		34.0
36.0						2.9	3.3	3.7			3.4	3.5	3.7			3.4	3.5	3.5			2.5	3.0	3.7			36.0
38.0						2.2	2.6	3.0			3.2	3.4	3.6			3.2	3.4	3.3			1.9	2.3	2.9			38.0
40.0						1.6	1.9				3.0	3.2				3.0	3.2					1.7	2.1			40.0
42.0							1.3				2.5	2.7				2.8	3.1									42.0
44.0											2.0					2.7										44.0
46.0																										46.0
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50.0																										50.0
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		34~83.5	32~83.5	46~83.5	61~83.5	75~83.5	23~83.5	32~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		46~83.5	45~83.5	49~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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3.0																										3.0
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6.0																										6.0
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8.0																										8.0
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10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1			5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		4.9	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	4.8	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.0	4.5	4.3	4.1		4.7	4.5	4.3	4.1		4.3	4.1	3.9	3.8		3.9	4.6	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		3.2	3.8	4.1	4.0		4.2	4.3	4.1	4.0		4.0	3.8	3.7	3.6		3.1	3.7	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		2.4	3.0	3.7	3.9		3.5	3.9	4.0	3.9		3.8	3.6	3.5	3.4		2.4	3.0	3.7	4.0		36.0
38.0	3.5	3.6	3.7				2.3	2.9	3.3		2.8	3.2	3.8	3.9		3.5	3.5	3.3	3.3				2.9	3.4		38.0
40.0	3.0	3.3	3.6					2.2			2.2	2.6	3.1			3.3	3.3	3.2						2.6		40.0
42.0	2.5	2.7	3.0								1.7	2.0	2.4			2.9	3.1	3.0								42.0
44.0	2.0	2.2										1.5	1.9			2.5	2.7	2.9								44.0
46.0	1.6	1.7														2.0	2.2	2.4								46.0
48.0	1.2															1.6	1.8									48.0
50.0																1.3	1.4									50.0
54.0																										54.0
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62.0																										62.0
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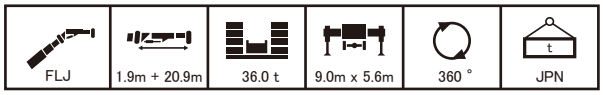
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	45~83.5	59~83.5	74~83.5	53~83.5	54~83.5	54~83.5	59~83.5	76~83.5	45~83.5	44~83.5	47~83.5	60~83.5	76~83.5	31~83.5	32~83.5	44~83.5	60~83.5	74~83.5	57~83.5	60~83.5	61~83.5	60~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	4.9	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.0	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	4.0	4.7	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	4.1	4.7	4.6	4.3	3.8	4.7	4.4	4.1	4.0	3.8	4.2	4.3	4.0	3.8	3.8	32.0
34.0	3.2	3.8	4.4	4.1		3.9	3.7	3.5	3.4		3.2	3.9	4.4	4.2	3.8	3.9	4.3	4.0	3.8	3.8	3.4	4.1	3.8	3.7	3.6	34.0
36.0		3.0	3.8	4.0		3.7	3.5	3.3	3.2			3.1	3.9	4.1		3.2	3.7	3.8	3.7			3.3	3.7	3.5		36.0
38.0			3.1	3.6		3.4	3.3	3.2	3.1				3.2	3.7		2.5	3.0	3.7	3.6				3.3	3.4		38.0
40.0				2.8		2.9	3.2	3.0	3.0					3.0				3.0	3.5						3.2	40.0
42.0						2.3	2.7	2.9	2.9									2.4	2.8							42.0
44.0						1.9	2.2	2.6	2.8																	44.0
46.0							1.7	2.1																		46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	62~83.5	63~83.5	64~83.5	64~83.5	75~83.5	52~83.5	52~83.5	55~83.5	59~83.5	75~83.5	65~83.5	66~83.5	67~83.5	67~83.5	75~83.5	61~83.5	64~83.5	63~83.5	65~83.5	75~83.5	67~83.5	68~83.5	70~83.5	70~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
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3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
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9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0		3.1	2.9	2.8	2.8	34.0
36.0	3.3	3.3	3.1	3.0			3.2	3.0	2.9	2.9			2.8	2.7	2.7	36.0
38.0		3.2	3.0	2.9				2.9	2.8					2.6	2.6	38.0
40.0			2.9	2.8					2.7							40.0
42.0				2.7												42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
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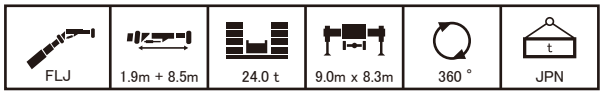
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	66~83.5	67~83.5	68~83.5	68~83.5	76~83.5	70~83.5	70~83.5	72~83.5	72~83.5	76~83.5	72~83.5	73~83.5	74~83.5	75~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		15.6	14.2	12.9	12.1		16.0
18.0	9.1	9.6				13.1	12.5	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		14.3	13.3	12.4	11.8		18.0
20.0	8.4					12.0	11.7	11.5	11.4		12.1	11.7	11.5	11.4		8.9	8.6	8.3	8.2		11.8	12.3	11.9	11.6		20.0
22.0						9.6	10.0	10.5			11.2	11.1	11.1			8.2	7.9	7.7			9.5	9.9	10.4	10.8		22.0
24.0						7.8	8.1	8.4			9.7	9.9	10.2			7.6	7.4	7.2			7.6	7.9	8.4			24.0
26.0						6.2	6.4	6.7			8.1	8.3	8.5			7.0	6.9	6.7			6.0	6.3	6.7			26.0
28.0						4.8	5.0				6.8	6.9				6.5	6.4				4.6	4.9	5.2			28.0
30.0						3.6	3.7				5.6	5.7				6.1	6.1				3.4	3.6				30.0
32.0						2.5					4.7					5.8					2.3	2.5				32.0
34.0																					1.5	1.6				34.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		22~83.5	32~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5	78~83.5	23~83.5	33~83.5	46~83.5	61~83.5		30~83.5	31~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		16.8	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	17.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		14.9	14.0	12.7	12.0		14.1	14.0	12.9	12.1		9.1	8.9	8.6	8.3		15.1	15.0	13.3	12.3		18.0
20.0	11.6	11.4	11.3	11.2		11.9	12.5	12.3	11.7		12.9	12.8	12.4	11.9		8.3	8.1	8.0	7.8		12.1	12.6	12.8	12.0		20.0
22.0	10.6	10.5	10.3	10.3		9.6	10.0	10.6	11.0		11.0	11.4	11.6	11.6		7.6	7.5	7.3	7.3		9.7	10.2	10.8	11.2		22.0
24.0	9.7	9.6	9.5			7.7	8.1	8.5	8.8		9.1	9.4	9.8	10.1		7.0	6.9	6.7	6.7		7.8	8.2	8.8	9.1		24.0
26.0	8.3	8.5	8.8			6.1	6.4	6.8			7.5	7.8	8.1			6.4	6.3	6.2			6.2	6.6	7.1	7.3		26.0
28.0	7.0	7.2	7.4			4.7	5.0	5.4			6.1	6.4	6.7			5.9	5.9	5.8			4.8	5.2	5.6			28.0
30.0	5.8	6.0				3.5	3.8	4.0			5.0	5.2	5.4			5.5	5.4	5.4			3.6	3.9	4.3			30.0
32.0	4.8	4.9				2.4	2.7	2.9			3.9	4.1	4.3			5.1	5.1	5.0			2.6	2.9	3.1			32.0
34.0	3.9	4.0				1.5	1.7				3.0	3.2				4.7	4.7						2.1			34.0
36.0	3.1										2.2	2.3				4.0	4.1									36.0
38.0											1.5	1.6				3.3	3.3									38.0
40.0																2.6										40.0
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4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
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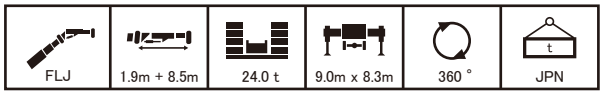
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	23~83.5	32~83.5	49~83.5	62~83.5	77~83.5	40~83.5	41~83.5	46~83.5	62~83.5	76~83.5	30~83.5	31~83.5	47~83.5	63~83.5	76~83.5	24~83.5	32~83.5	47~83.5	63~83.5	76~83.5	50~83.5	51~83.5	49~83.5	63~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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2.5																										2.5
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8.0																										8.0
9.0																										9.0
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11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	13.6	13.4	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	12.3	12.4	12.1	11.9		8.0	7.8	7.4	7.2		10.8	10.6	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	10.0	10.5	11.1	11.2		7.4	7.2	7.0	6.8		10.1	9.9	9.6	9.5		8.5	8.2	7.9	7.8		8.2	7.9	7.6	7.4	7.3	22.0
24.0	8.1	8.5	9.0	9.4		6.9	6.7	6.6	6.5		8.4	8.8	9.0	8.9		8.0	7.7	7.5	7.3		7.7	7.5	7.2	7.0		24.0
26.0	6.5	6.9	7.3	7.6		6.4	6.3	6.1	6.1		6.8	7.2	7.7	8.0		7.5	7.3	7.1	7.0		7.1	7.0	6.8	6.7		26.0
28.0	5.1	5.5	5.9	6.1		6.0	5.9	5.7	5.7		5.4	5.8	6.2	6.5		6.3	6.6	6.7	6.6		5.7	6.1	6.4	6.3		28.0
30.0	3.9	4.2	4.6	4.8		5.6	5.5	5.4	5.4		4.2	4.6	5.0	5.2		5.1	5.4	5.7	5.9		4.5	4.9	5.3	5.5		30.0
32.0	2.8	3.1	3.5			5.1	5.2	5.1			3.2	3.5	3.8	4.0		4.0	4.3	4.6	4.8		3.5	3.8	4.2	4.4		32.0
34.0			2.5			4.2	4.4	4.6					2.8			3.1	3.4	3.6					3.2	3.3		34.0
36.0						3.4	3.6	3.8								2.3	2.5	2.8								36.0
38.0						2.7	2.8	3.0																		38.0
40.0						2.1	2.2																			40.0
42.0						1.5	1.6																			42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
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62.0																										62.0
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4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	54~83.5	56~83.5	54~83.5	61~83.5	77~83.5	39~83.5	40~83.5	48~83.5	61~83.5	77~83.5	58~83.5	59~83.5	58~83.5	62~83.5	77~83.5	53~83.5	54~83.5	55~83.5	62~83.5	76~83.5	62~83.5	63~83.5	62~83.5	62~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	6.1	5.9	5.7	5.6		5.9	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	5.7	5.6	5.4	5.3		5.5	5.4	5.2	5.0		5.0	4.9	4.8	4.6		28.0
30.0	5.3	5.2	5.1	5.0		5.0	5.1	4.9	4.8		4.7	4.6	4.5	4.4		30.0
32.0	4.5	4.8	4.8	4.8		4.0	4.3	4.7	4.6		3.9	4.3	4.3	4.2		32.0
34.0	3.6	3.8	4.1	4.3			3.3	3.7	3.9				3.6	3.9		34.0
36.0	2.8	3.0	3.2													36.0
38.0			2.5													38.0
40.0																40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
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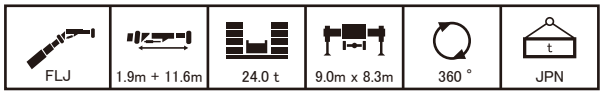
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	57~83.5	58~83.5	57~83.5	63~83.5	76~83.5	65~83.5	63~83.5	65~83.5	65~83.5	76~83.5	66~83.5	68~83.5	67~83.5	67~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0	14.6																									4.0
4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		10.7	9.9	9.1	8.6		20.0
22.0	6.1					9.0	8.7	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		9.8	9.3	8.8	8.4		22.0
24.0						8.3	8.2	8.1			8.3	8.2	8.1			6.9	6.7	6.5			8.5	8.8	8.4	8.3		24.0
26.0						7.2	7.6	7.9			7.7	7.8	7.9			6.4	6.2	6.1			6.9	7.4	8.0			26.0
28.0						5.8	6.1	6.5			7.2	7.4	7.7			6.0	5.8	5.7			5.6	6.0	6.4			28.0
30.0						4.6	4.9				6.4	6.6				5.6	5.5				4.4	4.7	5.1			30.0
32.0						3.6	3.8				5.4	5.6				5.2	5.1				3.3	3.6	3.9			32.0
34.0						2.6					4.5					5.0					2.4	2.6				34.0
36.0																					1.6	1.8				36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
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54.0																										54.0
58.0																										58.0
62.0																										62.0
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2	0	0	0	0		46	46	46	46	46	0	0	0	0	0	0	0	0	0		93	93	93	93		2
3	0	0	0	0		0	0	0	0	0	93	93	93	93	93	0	0	0	0		0	0	0	0		3
4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		27~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	48~83.5	63~83.5	76~83.5	28~83.5	36~83.5	49~83.5	64~83.5		33~83.5	34~83.5	46~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		13.5	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		11.6	10.5	9.4	8.8		11.6	10.5	9.4	8.8		7.9	7.6	7.1	6.9		12.4	11.0	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		10.5	9.9	9.1	8.6		10.7	9.9	9.1	8.6		7.2	7.1	6.7	6.5		10.5	10.4	9.3	8.7		22.0
24.0	9.1	8.8	8.4	8.3		8.6	9.1	8.7	8.4		9.8	9.3	8.7	8.4		6.6	6.5	6.3	6.1		8.6	9.2	9.0	8.5		24.0
26.0	8.5	8.3	8.2	8.1		7.0	7.5	8.1	8.2		8.2	8.6	8.4	8.2		6.1	6.0	5.9	5.8		7.0	7.5	8.2	8.3		26.0
28.0	7.6	7.9	7.8			5.6	6.1	6.6	6.9		6.8	7.2	7.7	7.9		5.7	5.6	5.5	5.5		5.7	6.1	6.7	7.1		28.0
30.0	6.5	6.7	7.0			4.4	4.8	5.3			5.7	6.0	6.4			5.3	5.2	5.1			4.5	4.9	5.4	5.7		30.0
32.0	5.5	5.7	5.9			3.4	3.7	4.1			4.7	5.0	5.3			4.9	4.8	4.8			3.4	3.8	4.3			32.0
34.0	4.6	4.8				2.4	2.7	3.1			3.8	4.0	4.3			4.6	4.5	4.5			2.5	2.8	3.2			34.0
36.0	3.8	3.9				1.6	1.9				2.9	3.2	3.4			4.2	4.2	4.2				2.0	2.3			36.0
38.0	3.1										2.2	2.4				3.8	3.9									38.0
40.0											1.6	1.7				3.1	3.3									40.0
42.0																2.6										42.0
44.0																2.1										44.0
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50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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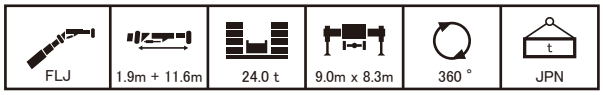
2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93		0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	41~83.5	43~83.5	49~83.5	61~83.5	77~83.5	32~83.5	34~83.5	45~83.5	61~83.5	77~83.5	21~83.5	35~83.5	46~83.5	61~83.5		50~83.5	49~83.5	51~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	11.9	11.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	10.7	10.9	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	9.5	9.3	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
24.0	8.8	9.4	9.3	8.6		6.4	6.2	5.9	5.7		8.9	8.7	8.5	8.4	8.2	7.4	7.1	6.8	6.5	6.4	7.2	6.9	6.4	6.2	6.1	24.0
26.0	7.2	7.7	8.4	8.5		6.0	5.8	5.5	5.4		7.4	7.9	8.0	7.9		7.0	6.7	6.5	6.2		6.8	6.5	6.1	5.9		26.0
28.0	5.8	6.3	6.9	7.3		5.6	5.5	5.3	5.1		6.0	6.5	7.1	7.5		6.6	6.4	6.1	6.0		6.3	6.2	5.9	5.7		28.0
30.0	4.7	5.1	5.6	6.0		5.2	5.1	5.0	4.9		4.8	5.3	5.8	6.2		5.6	6.0	5.8	5.7		5.1	5.5	5.6	5.5		30.0
32.0	3.6	4.0	4.5	4.8		4.9	4.8	4.7	4.7		3.8	4.2	4.7	5.0		4.6	5.0	5.4	5.5		4.0	4.5	5.0	5.3		32.0
34.0	2.7	3.0	3.5			4.6	4.5	4.4			2.8	3.2	3.7	4.0		3.7	4.0	4.4	4.7		3.1	3.5	4.0	4.3		34.0
36.0			2.6			4.1	4.3	4.2					2.8	3.0		2.9	3.2	3.5	3.7				3.1	3.3		36.0
38.0						3.3	3.6	3.8									2.4	2.7								38.0
40.0						2.7	2.9	3.1																		40.0
42.0						2.1	2.3	2.4																		42.0
44.0						1.6	1.7																			44.0
46.0							1.2																			46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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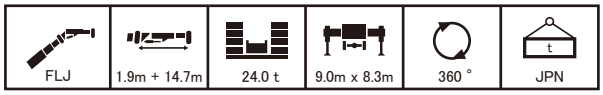
2	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	55~83.5	56~83.5	55~83.5	62~83.5	76~83.5	40~83.5	38~83.5	47~83.5	63~83.5	76~83.5	58~83.5	60~83.5	59~83.5	60~83.5	76~83.5	56~83.5	55~83.5	57~83.5	60~83.5	75~83.5	62~83.5	63~83.5	63~83.5	64~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3	26.0
28.0	5.4	5.1	4.9	4.7		5.2	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1	28.0
30.0	5.0	4.9	4.6	4.5		4.9	4.7	4.4	4.3		4.5	4.3	4.1	4.0		30.0
32.0	4.7	4.6	4.4	4.3		4.5	4.4	4.2	4.1		4.2	4.1	3.9	3.8		32.0
34.0	4.1	4.4	4.2	4.1		3.6	3.9	4.0	3.9			3.9	3.7	3.6		34.0
36.0	3.2	3.6	4.0	4.0			3.1	3.5	3.8				3.5	3.5		36.0
38.0	2.5	2.8	3.2	3.4												38.0
40.0			2.4													40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	57~83.5	59~83.5	58~83.5	61~83.5	77~83.5	65~83.5	64~83.5	66~83.5	67~83.5	77~83.5	68~83.5	68~83.5	68~83.5	69~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
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24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		7.5	7.1	6.7	6.4		24.0
26.0	4.4					6.3	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		6.9	6.7	6.4	6.3		26.0
28.0						5.9	5.9	6.0			5.9	5.9	6.0			5.5	5.4	5.2			6.3	6.3	6.2	6.1		28.0
30.0						5.4	5.6	5.8			5.5	5.6	5.8			5.2	5.0	4.9			5.1	5.6	6.0			30.0
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36.0						2.6	2.8				4.3	4.5				4.3	4.2				2.3	2.6				36.0
38.0						1.9					3.6					4.1					1.6	1.9				38.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	35~83.5	37~83.5	48~83.5	62~83.5	77~83.5	[DEG]
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	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.8	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		9.4	8.4	7.4	6.8	6.2	22.0
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26.0	6.9	6.7	6.4	6.3		7.5	7.1	6.7	6.4		7.5	7.1	6.7	6.4		5.8	5.6	5.3	5.2		7.6	7.5	6.9	6.5		26.0
28.0	6.5	6.3	6.2	6.1		6.3	6.7	6.4	6.2		7.0	6.7	6.4	6.2		5.4	5.3	5.0	4.9		6.3	6.8	6.6	6.3		28.0
30.0	6.0	6.0	6.0			5.1	5.6	6.2	6.1		6.2	6.4	6.2	6.1		5.0	4.9	4.8	4.7		5.1	5.6	6.3	6.2		30.0
32.0	5.7	5.7	5.8			4.1	4.5	5.1			5.2	5.6	6.0			4.7	4.6	4.5	4.5		4.0	4.6	5.1	5.5		32.0
34.0	5.1	5.4	5.7			3.1	3.5	4.1			4.3	4.7	5.1			4.3	4.3	4.2			3.1	3.6	4.1	4.5		34.0
36.0	4.4	4.6				2.3	2.7	3.1			3.5	3.8	4.2			4.0	4.0	4.0			2.3	2.7	3.2			36.0
38.0	3.6	3.8				1.6	1.9	2.2			2.8	3.1	3.4			3.8	3.7	3.7					2.3			38.0
40.0	3.0	3.1									2.2	2.4				3.5	3.5									40.0
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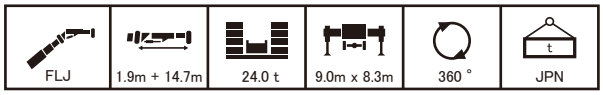
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	24~83.5	32~83.5	49~83.5	62~83.5		42~83.5	45~83.5	47~83.5	63~83.5	76~83.5	34~83.5	31~83.5	47~83.5	63~83.5	76~83.5	25~83.5	32~83.5	48~83.5	60~83.5		51~83.5	53~83.5	52~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



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10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.9	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	10.0	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.9	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	9.3	8.3	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	8.5	8.2	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	7.8	7.9	7.1	6.5		5.6	5.3	5.0	4.9	4.8	7.9	7.7	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	6.3	5.9	5.4	5.2	5.1	26.0
28.0	6.4	7.0	6.8	6.4		5.3	5.0	4.8	4.6		6.5	7.1	7.0	6.5		6.1	5.9	5.5	5.2		5.9	5.6	5.2	5.0	4.9	28.0
30.0	5.2	5.8	6.5	6.3		5.0	4.8	4.5	4.4		5.3	5.9	6.6	6.4		5.8	5.6	5.2	5.0		5.6	5.4	5.0	4.8		30.0
32.0	4.2	4.7	5.3	5.8		4.7	4.5	4.3	4.2		4.3	4.8	5.5	5.9		5.2	5.3	5.0	4.9		4.5	5.0	4.8	4.6		32.0
34.0	3.3	3.7	4.3	4.7		4.4	4.3	4.1	4.0		3.4	3.9	4.5	4.9		4.3	4.8	4.8	4.7		3.6	4.1	4.6	4.5		34.0
36.0	2.4	2.9	3.4	3.7		4.1	4.0	3.9	3.9			3.0	3.6	3.9		3.5	3.9	4.4	4.5			3.2	3.8	4.2		36.0
38.0			2.6			3.8	3.8	3.7					2.7	3.1		2.8	3.2	3.6	3.9				3.0	3.3		38.0
40.0						3.1	3.4	3.5								2.1	2.5	2.9								40.0
42.0						2.5	2.8	3.0										2.2								42.0
44.0						2.0	2.2	2.4																		44.0
46.0						1.5	1.7	1.9																		46.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	55~83.5	57~83.5	57~83.5	61~83.5	77~83.5	42~83.5	40~83.5	45~83.5	62~83.5	75~83.5	61~83.5	61~83.5	61~83.5	62~83.5	77~83.5	54~83.5	56~83.5	55~83.5	62~83.5	77~83.5	64~83.5	64~83.5	64~83.5	65~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
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18.0	6.4	6.2				5.8	5.8				4.6					18.0
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22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
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34.0	4.2	4.1	3.8	3.7		4.0	3.9	3.7	3.6		3.8	3.6	3.4	3.3		34.0
36.0	3.7	3.9	3.7	3.6		3.2	3.6	3.5	3.4			3.4	3.3	3.2		36.0
38.0	3.0	3.3	3.5	3.4				3.4	3.3				3.1	3.0		38.0
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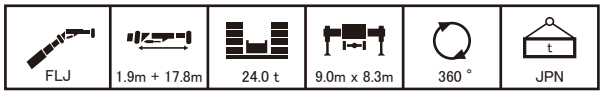
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	60~83.5	60~83.5	59~83.5	60~83.5	76~83.5	65~83.5	67~83.5	67~83.5	66~83.5	76~83.5	68~83.5	68~83.5	68~83.5	70~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		5.5	5.3	5.1	4.9		28.0
30.0						4.6	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		5.1	5.0	4.9	4.9		30.0
32.0						4.3	4.4	4.6			4.3	4.4	4.6			4.3	4.4	4.3			4.7	4.8	4.8	4.8		32.0
34.0						4.1	4.2	4.5			4.1	4.2	4.5			4.1	4.1	4.0			3.8	4.3	4.6			34.0
36.0						3.3	3.6				3.8	4.0				3.8	3.9				3.0	3.4	3.9			36.0
38.0						2.6	2.8				3.6	3.9				3.6	3.7				2.3	2.6	3.0			38.0
40.0						1.9					3.4					3.4	3.5				1.6	1.9				40.0
42.0																						1.3				42.0
44.0																										44.0
46.0																										46.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		26~83.5	35~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		36~83.5	34~83.5	46~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.4	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.9	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		6.0	5.7	5.3	5.0		6.0	5.7	5.3	5.0		5.1	4.9	4.6	4.5		6.4	6.0	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		5.6	5.3	5.1	4.9		5.6	5.3	5.1	4.9		4.8	4.6	4.4	4.3		5.6	5.7	5.3	5.0		30.0
32.0	4.8	4.8	4.8	4.8		4.7	5.1	4.9	4.8		5.2	5.1	4.9	4.8		4.5	4.4	4.2	4.1		4.6	5.2	5.1	4.9		32.0
34.0	4.5	4.5	4.6			3.7	4.3	4.8	4.8		4.8	4.8	4.8	4.8		4.2	4.1	4.0	3.9		3.7	4.2	4.9	4.8		34.0
36.0	4.2	4.3	4.5			2.9	3.4	4.0			4.0	4.4	4.6			3.9	3.9	3.8			2.9	3.4	4.0	4.4		36.0
38.0	4.0	4.2	4.4			2.2	2.6	3.1			3.3	3.7	4.1			3.7	3.6	3.6			2.1	2.6	3.1			38.0
40.0	3.5	3.7				1.5	1.9	2.3			2.7	3.0	3.3			3.4	3.4	3.4					2.4			40.0
42.0	2.9	3.1						1.6			2.1	2.4	2.6			3.2	3.2	3.2								42.0
44.0	2.4										1.6	1.8				3.0	3.0									44.0
46.0												1.3				2.5	2.7									46.0
48.0																2.1	2.2									48.0
50.0																1.7										50.0
54.0																										54.0
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62.0																										62.0
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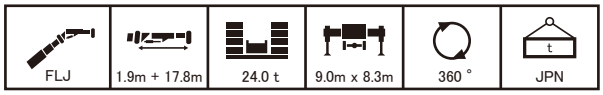
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	47~83.5	60~83.5	75~83.5	43~83.5	46~83.5	44~83.5	61~83.5		36~83.5	33~83.5	44~83.5	61~83.5		20~83.5	29~83.5	46~83.5	61~83.5	75~83.5	51~83.5	54~83.5	54~83.5	62~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.9	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.8	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	7.4	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	7.4	7.1	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	6.9	6.3	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	6.9	6.8	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	5.7	5.9	5.4	5.1		4.7	4.4	4.2	4.0		5.8	6.4	5.7	5.3	4.9	5.4	5.1	4.7	4.5	4.5	5.2	4.9	4.5	4.3	4.3	30.0
32.0	4.7	5.3	5.3	5.0		4.4	4.2	4.0	3.8		4.8	5.4	5.5	5.1		5.1	4.9	4.5	4.4		5.0	4.7	4.3	4.2	4.1	32.0
34.0	3.8	4.4	5.0	4.9		4.2	4.0	3.8	3.7		3.9	4.5	5.2	5.1		4.8	4.7	4.4	4.2		4.3	4.5	4.2	4.0		34.0
36.0	3.0	3.5	4.2	4.6		3.9	3.8	3.6	3.5		3.0	3.6	4.3	4.7		3.9	4.4	4.2	4.1		3.4	4.0	4.0	3.9		36.0
38.0		2.7	3.3	3.7		3.7	3.6	3.4	3.4			2.8	3.4	3.9		3.2	3.7	4.1	4.0			3.2	3.8	3.8		38.0
40.0			2.6	2.9		3.5	3.4	3.3	3.3				2.7	3.1		2.6	3.0	3.5	3.8				3.1	3.5		40.0
42.0						2.9	3.2	3.2									2.4	2.8	3.1						2.8	42.0
44.0						2.4	2.7	3.0										2.2								44.0
46.0						1.9	2.2	2.4																		46.0
48.0						1.5	1.7	1.9																		48.0
50.0							1.3																			50.0
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58.0																										58.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	58~83.5	58~83.5	58~83.5	59~83.5	76~83.5	43~83.5	41~83.5	47~83.5	60~83.5	76~83.5	61~83.5	61~83.5	62~83.5	63~83.5	76~83.5	57~83.5	57~83.5	57~83.5	61~83.5	75~83.5	64~83.5	64~83.5	65~83.5	64~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.2	3.9	3.7	3.6	3.5	4.0	3.8	3.6	3.4	3.4	3.7	3.5	3.3	3.2	3.2	32.0
34.0	4.0	3.7	3.5	3.4		3.8	3.6	3.4	3.3		3.5	3.4	3.2	3.1	3.0	34.0
36.0	3.8	3.6	3.4	3.3		3.6	3.4	3.2	3.1		3.4	3.2	3.0	2.9		36.0
38.0	3.4	3.4	3.2	3.1			3.3	3.1	3.0				2.9	2.8		38.0
40.0	2.7	3.1	3.1	3.0				3.0	2.9					2.7		40.0
42.0		2.5	3.0	2.9					2.8							42.0
44.0			2.4	2.7												44.0
46.0																46.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
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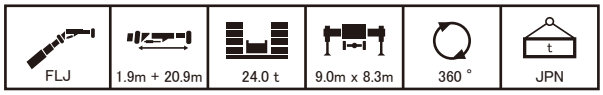
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	60~83.5	60~83.5	60~83.5	62~83.5	75~83.5	67~83.5	67~83.5	67~83.5	67~83.5	77~83.5	68~83.5	70~83.5	71~83.5	70~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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11.0	5.6	5.6				5.6					5.6						5.6				5.6					11.0
12.0	5.6	5.6				5.6					5.6						5.6				5.6					12.0
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18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.6	5.3		5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6			5.6	5.5	5.0		5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		4.3	4.2	4.1	4.0		32.0
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38.0						3.2	3.4	3.6			3.2	3.4	3.6			3.2	3.4	3.3			3.0	3.4	3.7			38.0
40.0						2.6	2.9				3.0	3.2				3.0	3.2				2.3	2.7	3.2			40.0
42.0						2.0	2.3				2.8	3.1				2.8	3.1				1.7	2.0	2.4			42.0
44.0						1.5					2.7					2.7					1.2	1.4				44.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		23~83.5	32~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		34~83.5	37~83.5	44~83.5	62~83.5		[DEG]
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	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	5.6					5.6					5.6															11.0
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14.0	5.6	5.6				5.6					5.6						5.6				5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3				5.6	5.5	5.1		5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5			5.4	5.1	4.8		5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.6	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		5.0	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	5.4	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		4.7	4.5	4.3	4.1		4.7	4.5	4.3	4.1		4.3	4.1	3.9	3.8		5.1	4.8	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		4.4	4.3	4.1	4.0		4.4	4.3	4.1	4.0		4.0	3.8	3.7	3.6		4.4	4.5	4.3	4.1		34.0
36.0	3.8	3.8	3.9	3.9		3.6	4.1	4.0	3.9		4.1	4.1	4.0	3.9		3.8	3.6	3.5	3.4		3.5	4.1	4.1	4.0		36.0
38.0	3.5	3.6	3.7			2.9	3.4	3.9	3.9		3.9	3.9	3.9	3.9		3.5	3.5	3.3	3.3		2.8	3.3	4.0	3.9		38.0
40.0	3.3	3.5	3.6			2.2	2.7	3.2			3.3	3.6	3.8			3.3	3.3	3.2			2.1	2.6	3.3	3.7		40.0
42.0	3.1	3.3	3.5			1.6	2.0	2.5			2.7	3.0	3.4			3.1	3.1	3.0				2.0	2.5			42.0
44.0	2.9	3.1						1.8			2.1	2.4	2.8			2.9	2.9	2.9								44.0
46.0	2.4	2.6									1.6	1.9				2.8	2.7	2.7								46.0
48.0	2.0										1.2	1.4				2.5	2.6									48.0
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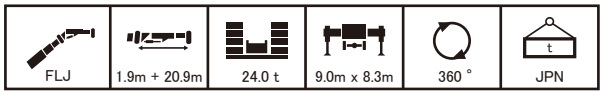
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	24~83.5	33~83.5	45~83.5	59~83.5	74~83.5	45~83.5	48~83.5	47~83.5	60~83.5	76~83.5	34~83.5	37~83.5	47~83.5	60~83.5	76~83.5	31~83.5	33~83.5	44~83.5	60~83.5	74~83.5	52~83.5	52~83.5	56~83.5	61~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



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11.0																										11.0
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14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6						5.4				5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6						5.4				5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6					5.4	5.4			5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6					5.4	5.4			5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1				5.4	5.3	4.9		5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9				5.4	5.1	4.7		5.0	4.9	4.5			26.0
28.0	5.6	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	5.6	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	5.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.8	4.5	4.1	3.9		30.0
32.0	5.3	5.0	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	5.4	5.1	4.6	4.3	3.8	4.8	4.4	4.1	4.0	3.8	4.6	4.3	4.0	3.8	3.8	32.0
34.0	4.4	4.8	4.4	4.1		3.9	3.7	3.5	3.4		4.5	4.9	4.4	4.2	3.8	4.6	4.3	4.0	3.8	3.8	4.4	4.1	3.8	3.7	3.6	34.0
36.0	3.6	4.2	4.3	4.0		3.7	3.5	3.3	3.2		3.7	4.3	4.3	4.1		4.3	4.1	3.8	3.7		3.8	3.9	3.7	3.5		36.0
38.0	2.9	3.4	4.1	4.0		3.5	3.3	3.2	3.1		2.9	3.5	4.2	4.0		3.6	3.9	3.7	3.6		3.1	3.7	3.5	3.4		38.0
40.0		2.7	3.4	3.8		3.4	3.2	3.0	3.0			2.8	3.5	4.0		3.0	3.4	3.6	3.5			3.0	3.4	3.3		40.0
42.0			2.7	3.1		3.2	3.1	2.9	2.9				2.8	3.2		2.4	2.8	3.4	3.4				3.0	3.2		42.0
44.0						2.8	2.9	2.8	2.8					2.5			2.2	2.8	3.1					2.8		44.0
46.0						2.3	2.6	2.7										2.2	2.5							46.0
48.0						1.8	2.1	2.4																		48.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	58~83.5	59~83.5	60~83.5	61~83.5	75~83.5	44~83.5	47~83.5	49~83.5	59~83.5	75~83.5	61~83.5	62~83.5	63~83.5	62~83.5	75~83.5	57~83.5	58~83.5	58~83.5	60~83.5	75~83.5	64~83.5	65~83.5	66~83.5	65~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
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18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2		3.5	3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1	3.5	3.4	3.1	3.0	3.0	3.3	3.1	2.9	2.8	2.8	34.0
36.0	3.5	3.3	3.1	3.0		3.4	3.2	3.0	2.9	2.9	3.1	3.0	2.8	2.7	2.7	36.0
38.0	3.3	3.2	3.0	2.9		3.2	3.0	2.9	2.8			2.8	2.7	2.6	2.6	38.0
40.0	3.1	3.0	2.9	2.8			2.9	2.7	2.7				2.6	2.5		40.0
42.0	2.5	2.9	2.7	2.7				2.6	2.6					2.4		42.0
44.0		2.4	2.6	2.6					2.5							44.0
46.0			2.3	2.5												46.0
48.0																48.0
50.0																50.0
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58.0																58.0
62.0																62.0
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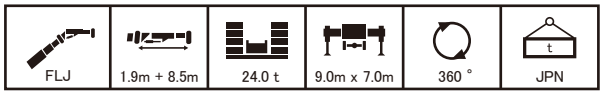
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	61~83.5	61~83.5	62~83.5	63~83.5	76~83.5	67~83.5	67~83.5	68~83.5	68~83.5	76~83.5	70~83.5	70~83.5	71~83.5	71~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			14.3	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		14.8	14.2	12.9	12.1		16.0
18.0	9.1	9.6				11.6	12.2	11.9	11.6		13.1	12.5	11.9	11.6		9.7	9.4	9.0	8.8		11.4	12.1	12.4	11.8		18.0
20.0	8.4					9.0	9.5	10.1	10.4		11.0	11.4	11.5	11.4		8.9	8.6	8.3	8.2		8.8	9.4	10.0	10.5		20.0
22.0						7.0	7.4	7.8			9.0	9.3	9.6			8.2	7.9	7.7			6.8	7.2	7.8	8.1		22.0
24.0						5.4	5.7	6.0			7.3	7.6	7.8			7.6	7.4	7.2			5.2	5.5	6.0			24.0
26.0						4.0	4.2	4.5			5.9	6.1	6.3			7.0	6.9	6.7			3.8	4.1	4.5			26.0
28.0						2.8	3.0				4.8	4.9				5.9	6.0				2.6	2.8	3.1			28.0
30.0						1.7	1.9				3.8	3.9				4.9	5.0					1.8				30.0
32.0											2.9					4.1										32.0
34.0																										34.0
36.0																										36.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		30~83.5	32~83.5	45~83.5	61~83.5	78~83.5	22~83.5	32~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5		45~83.5	42~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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3.0																										3.0
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	18.4	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.6	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		14.9	14.9	13.3	12.3	11.5	15.5	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	15.1	15.9	13.8	12.6	11.7	16.0
18.0	12.7	12.5	12.3	11.9		11.5	12.2	12.7	12.0		13.0	13.6	12.9	12.1		9.1	8.9	8.6	8.3		11.7	12.4	13.2	12.3		18.0
20.0	11.2	11.4	11.3	11.2		8.9	9.5	10.2	10.7		10.4	10.9	11.5	11.9		8.3	8.1	8.0	7.8		9.1	9.7	10.4	10.9		20.0
22.0	9.2	9.5	9.9	10.2		6.9	7.4	7.9	8.3		8.3	8.7	9.2	9.6		7.6	7.5	7.3	7.3		7.1	7.6	8.2	8.6		22.0
24.0	7.5	7.8	8.1			5.3	5.7	6.1	6.4		6.7	7.0	7.4	7.7		7.0	6.9	6.7	6.7		5.4	5.8	6.4	6.7		24.0
26.0	6.1	6.3	6.6			3.9	4.2	4.7			5.3	5.6	5.9			6.4	6.3	6.2			4.0	4.4	4.9	5.1		26.0
28.0	5.0	5.2	5.4			2.7	3.0	3.3			4.1	4.4	4.7			5.8	5.9	5.8			2.8	3.2	3.6			28.0
30.0	4.0	4.1						2.2			3.1	3.3	3.6			4.8	4.9	5.1								30.0
32.0	3.1	3.2									2.2	2.4	2.6			3.9	4.1	4.2								32.0
34.0	2.3	2.4									1.4	1.6				3.2	3.3									34.0
36.0	1.6															2.5	2.6									36.0
38.0																1.8	1.9									38.0
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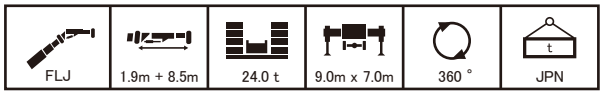
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	23~83.5	31~83.5	49~83.5	62~83.5	77~83.5	51~83.5	52~83.5	50~83.5	62~83.5	76~83.5	40~83.5	41~83.5	46~83.5	62~83.5	76~83.5	24~83.5	31~83.5	47~83.5	63~83.5	76~83.5	56~83.5	57~83.5	59~83.5	63~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	14.7	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	12.0	12.6	12.9	12.4	11.6	8.7	8.4	7.9	7.6	7.5	11.6	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	9.4	9.9	10.6	11.2		8.0	7.8	7.4	7.2		9.7	10.3	10.3	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.7	8.4	8.0	7.7	7.6	20.0
22.0	7.3	7.8	8.4	8.9		7.4	7.2	7.0	6.8		7.6	8.1	8.7	9.2		8.5	8.2	7.9	7.8		7.9	7.9	7.6	7.4	7.3	22.0
24.0	5.7	6.1	6.6	7.0		6.9	6.7	6.6	6.5		6.0	6.4	6.9	7.3		6.8	7.2	7.5	7.3		6.3	6.7	7.2	7.0		24.0
26.0	4.3	4.7	5.1	5.4		6.4	6.3	6.1	6.1		4.6	5.0	5.5	5.8		5.4	5.8	6.2	6.5		4.9	5.3	5.8	6.1		26.0
28.0		3.4	3.9	4.1		5.3	5.5	5.7	5.7			3.8	4.2	4.5		4.3	4.6	4.9	5.2			4.1	4.5	4.8		28.0
30.0						4.3	4.5	4.8	4.9							3.2	3.5	3.9	4.1					3.7		30.0
32.0						3.4	3.6	3.9										2.9	3.1							32.0
34.0						2.6	2.8	3.0																		34.0
36.0						1.9	2.1	2.3																		36.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	62~83.5	61~83.5	62~83.5	63~83.5	77~83.5	49~83.5	50~83.5	51~83.5	61~83.5	77~83.5	65~83.5	64~83.5	65~83.5	66~83.5	77~83.5	60~83.5	62~83.5	60~83.5	61~83.5	76~83.5	68~83.5	67~83.5	68~83.5	67~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.5	6.3	6.0	5.8		6.3	6.0	5.7	5.6	5.5	5.6	5.5	5.3	5.1	5.1	24.0
26.0	5.9	5.9	5.7	5.6		5.4	5.7	5.4	5.3		5.4	5.2	5.0	4.9		26.0
28.0	4.7	5.0	5.4	5.3		4.2	4.6	5.0	5.0			4.6	4.8	4.6		28.0
30.0	3.7	4.0	4.3	4.5				3.9	4.2							30.0
32.0		3.0	3.4	3.6												32.0
34.0																34.0
36.0																36.0
38.0																38.0
40.0																40.0
42.0																42.0
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54.0																54.0
58.0																58.0
62.0																62.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	64~83.5	62~83.5	64~83.5	65~83.5	76~83.5	68~83.5	69~83.5	68~83.5	69~83.5	76~83.5	72~83.5	71~83.5	72~83.5	73~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

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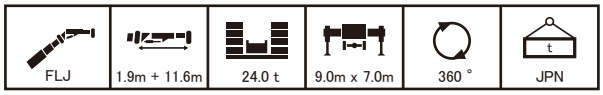

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	14.6																									4.5
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7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.6	10.6	9.5	8.8		18.0
20.0	6.7	7.1				9.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		9.9	9.9	9.1	8.6		20.0
22.0	6.1					8.0	8.6	8.4	8.3		9.0	8.7	8.4	8.3		7.5	7.2	7.0	6.8		7.8	8.4	8.8	8.4		22.0
24.0						6.4	6.8	7.4			8.1	8.2	8.1			6.9	6.7	6.5			6.1	6.7	7.3	7.8		24.0
26.0						5.0	5.4	5.9			6.7	7.1	7.4			6.4	6.2	6.1			4.8	5.2	5.8			26.0
28.0						3.8	4.2	4.5			5.6	5.8	6.1			6.0	5.8	5.7			3.6	4.0	4.5			28.0
30.0						2.8	3.0				4.6	4.8				5.5	5.5				2.5	2.9	3.3			30.0
32.0						1.8	2.0				3.7	3.9				4.7	4.8				1.6	1.9	2.2			32.0
34.0											2.9					3.9										34.0
36.0																										36.0
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58.0																										58.0
62.0																										62.0
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4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		33~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	49~83.5	64~83.5		42~83.5	44~83.5	46~83.5	64~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.6	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	12.6	11.2	9.8	9.0	8.3	12.6	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		12.6	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		9.9	10.5	9.4	8.8		11.2	10.5	9.4	8.8		7.9	7.6	7.1	6.9		10.0	10.7	9.7	8.9	8.3	20.0
22.0	9.8	9.3	8.8	8.4		7.9	8.5	9.1	8.6		9.1	9.7	9.1	8.6		7.2	7.1	6.7	6.5		7.9	8.5	9.3	8.7		22.0
24.0	8.2	8.6	8.4	8.3		6.2	6.7	7.5	8.0		7.4	7.9	8.5	8.4		6.6	6.5	6.3	6.1		6.2	6.8	7.5	8.1		24.0
26.0	6.8	7.2	7.6	7.9		4.8	5.3	5.9	6.3		6.0	6.4	7.0	7.3		6.1	6.0	5.9	5.8		4.8	5.4	6.0	6.4		26.0
28.0	5.6	5.9	6.3			3.6	4.1	4.6	4.9		4.9	5.2	5.7	5.9		5.7	5.6	5.5	5.5		3.6	4.1	4.7	5.1		28.0
30.0	4.6	4.9	5.2			2.6	3.0	3.4			3.9	4.2	4.6			5.3	5.2	5.1				3.0	3.6	3.9		30.0
32.0	3.8	4.0	4.2					2.4			2.9	3.2	3.6			4.4	4.6	4.8								32.0
34.0	3.0	3.2									2.1	2.4	2.7			3.7	3.9	4.1								34.0
36.0	2.3	2.4									1.5	1.7	1.9			3.0	3.2	3.3								36.0
38.0	1.7															2.4	2.5									38.0
40.0																1.8	1.9									40.0
42.0																1.3										42.0
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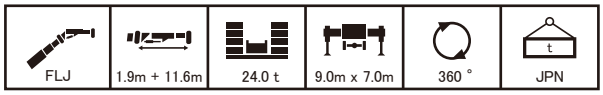
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	27~83.5	35~83.5	46~83.5	60~83.5	75~83.5	52~83.5	54~83.5	52~83.5	60~83.5	77~83.5	41~83.5	43~83.5	44~83.5	61~83.5	77~83.5	27~83.5	34~83.5	45~83.5	61~83.5		59~83.5	58~83.5	60~83.5	61~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m		43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°		5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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	8.0																										8.0
	9.0																										9.0
	10.0																										10.0
	11.0	13.7					8.6																				11.0
	12.0	13.7					8.6					11.4					10.1										12.0
	14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
	16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
	18.0	12.4	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
	20.0	10.2	10.9	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	10.2	9.9	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
	22.0	8.1	8.7	9.6	8.8	8.2	6.9	6.6	6.2	6.0	5.9	8.2	8.9	9.0	8.9	8.2	7.9	7.6	7.1	6.8	6.7	7.6	7.2	6.7	6.5	6.3	22.0
	24.0	6.4	7.0	7.8	8.3		6.4	6.2	5.9	5.7		6.6	7.2	7.9	8.4	8.2	7.3	7.1	6.8	6.5	6.4	6.8	6.9	6.4	6.2	6.1	24.0
	26.0	5.0	5.5	6.2	6.7		6.0	5.8	5.5	5.4		5.2	5.7	6.4	6.9		5.9	6.4	6.5	6.2		5.4	6.0	6.1	5.9		26.0
	28.0	3.8	4.3	4.9	5.3		5.6	5.5	5.3	5.1		4.0	4.5	5.1	5.5		4.8	5.2	5.7	6.0		4.3	4.7	5.3	5.7		28.0
	30.0		3.2	3.8	4.1		4.9	5.1	5.0	4.9			3.4	4.0	4.4		3.8	4.2	4.6	5.0				4.2	4.6		30.0
	32.0				3.1		4.0	4.3	4.7	4.7					3.3		2.9	3.2	3.7	4.0					3.6		32.0
	34.0						3.3	3.5	3.8										2.8	3.1							34.0
	36.0						2.6	2.8	3.1																		36.0
	38.0						1.9	2.1	2.4																		38.0
	40.0								1.8																		40.0
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%	1	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	1
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	ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
	[DEG]	62~83.5	61~83.5	64~83.5	62~83.5	76~83.5	50~83.5	51~83.5	50~83.5	63~83.5	76~83.5	65~83.5	64~83.5	66~83.5	65~83.5	76~83.5	60~83.5	62~83.5	62~83.5	63~83.5	75~83.5	67~83.5	69~83.5	69~83.5	68~83.5	77~83.5	[DEG]
		2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m		52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0											m
°		5	15	30	45	60	5	15	30	45	60	5	15	30	45	60											°
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	10.0																										10.0
	11.0																										11.0
	12.0																										12.0
	14.0	7.5					6.8																				14.0
	16.0	7.5	7.3				6.8	6.8				5.1															16.0
	18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1														18.0
	20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1													20.0
	22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9												22.0
	24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6											24.0
	26.0	5.7	5.4	5.1	5.0		5.5	5.2	4.9	4.7	4.7	5.0	4.8	4.6	4.4	4.3											26.0
	28.0	5.2	5.1	4.9	4.7		4.7	4.9	4.7	4.5		4.7	4.6	4.3	4.2	4.1											28.0
	30.0	4.2	4.6	4.6	4.5			4.1	4.4	4.3				4.1	4.0												30.0
	32.0	3.3	3.6	4.1	4.3					4.0					3.8												32.0
	34.0			3.2	3.5																						34.0
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	38.0																										38.0
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%	1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100											1
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	3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100											3
	4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100											4
	5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100											5
	ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16											ID
	[DEG]	64~83.5	65~83.5	65~83.5	66~83.5	77~83.5	70~83.5	70~83.5	71~83.5	71~83.5	77~83.5	71~83.5	73~83.5	73~83.5	72~83.5	76~83.5											[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t											

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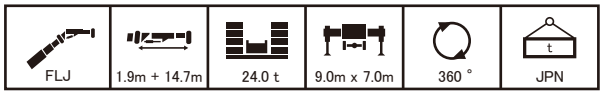

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
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24.0	4.7	5.1				6.8	6.6	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		6.9	7.1	6.7	6.4		24.0
26.0	4.4					5.7	6.3	6.2	6.1		6.3	6.3	6.2	6.1		6.0	5.8	5.6	5.5		5.5	6.1	6.4	6.3		26.0
28.0						4.6	5.0	5.6			5.9	5.9	6.0			5.5	5.4	5.2			4.3	4.8	5.5	5.9		28.0
30.0						3.6	4.0	4.4			5.2	5.5	5.8			5.2	5.0	4.9			3.3	3.8	4.3			30.0
32.0						2.6	3.0	3.4			4.3	4.5	4.8			4.8	4.7	4.6			2.3	2.8	3.3			32.0
34.0						1.8	2.1				3.5	3.7				4.4	4.5					1.9	2.3			34.0
36.0							1.3				2.8	3.0				3.7	3.9									36.0
38.0											2.2					3.2										38.0
40.0																										40.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		35~83.5	32~83.5	45~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		24~83.5	33~83.5	46~83.5	62~83.5	75~83.5	47~83.5	46~83.5	48~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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7.0																										7.0
8.0																										8.0
9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.5	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		10.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		8.5	8.0	7.2	6.7	6.2	8.8	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		8.5	8.4	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		6.8	7.5	6.9	6.5		8.0	7.5	6.9	6.5		6.3	6.0	5.7	5.5		6.8	7.6	7.1	6.6	6.2	24.0
26.0	6.9	6.7	6.4	6.3		5.5	6.1	6.7	6.4		6.6	7.1	6.7	6.4		5.8	5.6	5.3	5.2		5.4	6.1	6.9	6.5		26.0
28.0	6.2	6.3	6.2	6.1		4.3	4.8	5.5	6.1		5.4	5.9	6.4	6.2		5.4	5.3	5.0	4.9		4.3	4.9	5.6	6.1		28.0
30.0	5.2	5.5	5.9			3.2	3.8	4.4	4.8		4.4	4.8	5.4	5.7		5.0	4.9	4.8	4.7		3.2	3.8	4.5	4.9		30.0
32.0	4.3	4.6	5.0			2.3	2.8	3.4			3.5	3.9	4.4			4.7	4.6	4.5	4.5			2.8	3.5	3.9		32.0
34.0	3.6	3.8	4.1					2.4			2.7	3.1	3.5			4.2	4.3	4.2						2.9		34.0
36.0	2.9	3.1									2.0	2.3	2.7			3.6	3.8	4.0								36.0
38.0	2.2	2.4										1.7	2.0			2.9	3.2	3.4								38.0
40.0	1.7	1.8														2.4	2.6									40.0
42.0	1.2															1.9	2.0									42.0
44.0																1.4	1.5									44.0
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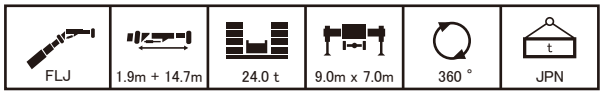
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	23~83.5	32~83.5	49~83.5	62~83.5		52~83.5	55~83.5	54~83.5	62~83.5	76~83.5	46~83.5	44~83.5	46~83.5	63~83.5	76~83.5	30~83.5	32~83.5	48~83.5	60~83.5		59~83.5	59~83.5	61~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



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10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	10.8	9.3	7.9	7.0		6.8	6.4	6.0			9.6	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	8.7	8.8	7.6	6.9	6.3	6.4	6.0	5.6	5.4		8.8	8.7	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	7.0	7.7	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	7.1	7.8	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.5	6.2	5.7	5.4	5.3	24.0
26.0	5.6	6.2	7.1	6.5		5.6	5.3	5.0	4.9	4.8	5.7	6.4	7.2	6.6	6.1	6.5	6.1	5.7	5.5	5.4	5.9	5.9	5.4	5.2	5.1	26.0
28.0	4.4	5.0	5.8	6.3		5.3	5.0	4.8	4.6		4.5	5.1	5.9	6.5		5.4	5.9	5.5	5.2		4.7	5.3	5.2	5.0	4.9	28.0
30.0	3.4	4.0	4.6	5.1		5.0	4.8	4.5	4.4		3.5	4.1	4.8	5.3		4.4	4.9	5.2	5.0			4.3	5.0	4.8		30.0
32.0			3.6	4.1		4.5	4.5	4.3	4.2				3.8	4.2		3.5	4.0	4.6	4.9				4.0	4.4		32.0
34.0				3.1		3.7	4.0	4.1	4.0					3.3			3.2	3.7	4.1					3.5		34.0
36.0						3.0	3.3	3.7	3.9									2.9	3.2							36.0
38.0						2.4	2.7	3.0																		38.0
40.0						1.8	2.1	2.4																		40.0
42.0								1.8																		42.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	62~83.5	64~83.5	65~83.5	63~83.5	77~83.5	50~83.5	52~83.5	51~83.5	62~83.5	75~83.5	65~83.5	67~83.5	67~83.5	67~83.5	77~83.5	63~83.5	63~83.5	63~83.5	64~83.5	77~83.5	69~83.5	69~83.5	70~83.5	69~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2	4.6	4.4	4.2	4.0		26.0
28.0	5.0	4.7	4.4	4.3	4.2	4.8	4.5	4.3	4.1	4.1	4.4	4.2	4.0	3.8	3.8	28.0
30.0	4.6	4.5	4.2	4.1		4.1	4.3	4.0	3.9	3.9		4.0	3.8	3.6	3.6	30.0
32.0	3.7	4.2	4.0	3.9				3.9	3.7				3.6	3.5		32.0
34.0		3.3	3.8	3.7					3.6					3.3		34.0
36.0			3.1	3.4												36.0
38.0																38.0
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44.0																44.0
46.0																46.0
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62.0																62.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
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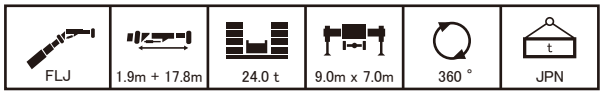
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	66~83.5	66~83.5	66~83.5	67~83.5	76~83.5	70~83.5	72~83.5	72~83.5	72~83.5	76~83.5	73~83.5	73~83.5	73~83.5	73~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.4	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				5.0	5.0	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		4.9	5.3	5.1	4.9		28.0
30.0						4.2	4.7	4.7			4.6	4.7	4.7			4.6	4.7	4.5	4.5		3.9	4.5	4.9	4.9		30.0
32.0						3.3	3.8	4.3			4.3	4.4	4.6			4.3	4.4	4.3			3.0	3.5	4.2	4.6		32.0
34.0						2.5	2.9	3.4			4.0	4.2	4.5			4.1	4.1	4.0			2.2	2.7	3.3			34.0
36.0						1.8	2.1				3.4	3.6				3.8	3.9					1.9	2.4			36.0
38.0						1.2	1.4				2.8	3.0				3.6	3.7									38.0
40.0											2.2					3.1	3.2									40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		32~83.5	34~83.5	48~83.5	63~83.5		26~83.5	35~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		48~83.5	47~83.5	50~83.5	60~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		8.0	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.9	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	7.4	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		6.0	6.0	5.5	5.2		6.4	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	6.0	6.3	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		4.9	5.5	5.3	5.0		5.9	5.7	5.3	5.0		5.1	4.9	4.6	4.5		4.8	5.5	5.5	5.1		28.0
30.0	5.1	5.0	4.9	4.9		3.9	4.5	5.1	4.9		4.9	5.3	5.1	4.9		4.8	4.6	4.4	4.3		3.8	4.4	5.2	5.0		30.0
32.0	4.8	4.8	4.8	4.8		2.9	3.5	4.2	4.7		4.0	4.5	4.9	4.8		4.5	4.4	4.2	4.1		2.9	3.5	4.2	4.8		32.0
34.0	4.0	4.3	4.6				2.7	3.3	3.7		3.2	3.7	4.2	4.5		4.2	4.1	4.0	3.9			2.6	3.3	3.8		34.0
36.0	3.3	3.6	4.0					2.5			2.5	2.9	3.4			3.9	3.9	3.8						2.9		36.0
38.0	2.7	3.0	3.3								1.9	2.3	2.7			3.3	3.6	3.6								38.0
40.0	2.2	2.4										1.7	2.0			2.8	3.0	3.3								40.0
42.0	1.7	1.8														2.3	2.5	2.7								42.0
44.0	1.2															1.8	2.0									44.0
46.0																1.4	1.5									46.0
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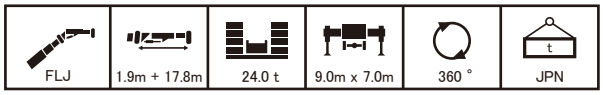
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	26~83.5	34~83.5	46~83.5	60~83.5	75~83.5	55~83.5	55~83.5	55~83.5	60~83.5		47~83.5	46~83.5	48~83.5	61~83.5		32~83.5	34~83.5	45~83.5	61~83.5	75~83.5	59~83.5	59~83.5	62~83.5	61~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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7.0																										7.0
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	8.6	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	7.5	7.0	6.1	5.4		5.5	5.2	4.9	4.7		7.6	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	6.1	6.6	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	6.2	6.9	6.1	5.5		5.9	5.6	5.1	4.9		5.7	5.3	4.9	4.7		26.0
28.0	4.9	5.6	5.6	5.2	4.8	4.9	4.7	4.4	4.2	4.2	5.0	5.7	5.9	5.4	4.9	5.7	5.3	4.9	4.7	4.6	5.4	5.1	4.7	4.5	4.4	28.0
30.0	3.9	4.5	5.4	5.1		4.7	4.4	4.2	4.0		4.0	4.6	5.5	5.3	4.9	4.8	5.1	4.7	4.5	4.5	4.4	4.9	4.5	4.3	4.3	30.0
32.0		3.6	4.4	4.9		4.4	4.2	4.0	3.8			3.7	4.5	5.1		4.0	4.5	4.5	4.4			4.1	4.3	4.2	4.1	32.0
34.0			3.5	4.0		4.1	4.0	3.8	3.7				3.6	4.1		3.2	3.7	4.3	4.2				4.0	4.0		34.0
36.0				3.1		3.4	3.8	3.6	3.5					3.3			2.9	3.5	3.9					3.6		36.0
38.0						2.8	3.1	3.4	3.4									2.8	3.2							38.0
40.0						2.2	2.5	2.9	3.2																	40.0
42.0							2.0	2.3																		42.0
44.0								1.8																		44.0
46.0																										46.0
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58.0																										58.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	64~83.5	65~83.5	65~83.5	65~83.5	76~83.5	54~83.5	53~83.5	53~83.5	60~83.5	76~83.5	67~83.5	67~83.5	68~83.5	68~83.5	76~83.5	63~83.5	63~83.5	64~83.5	65~83.5	75~83.5	69~83.5	70~83.5	71~83.5	70~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9	4.4	4.2	3.9	3.8		4.1	3.9	3.7			28.0
30.0	4.4	4.1	3.9	3.7	3.7	4.2	4.0	3.7	3.6	3.5	3.9	3.7	3.5	3.4		30.0
32.0	4.1	3.9	3.7	3.6	3.5		3.8	3.6	3.4	3.4		3.5	3.3	3.2	3.2	32.0
34.0	3.3	3.7	3.5	3.4				3.4	3.3				3.2	3.1	3.0	34.0
36.0		3.1	3.4	3.3					3.1							36.0
38.0			3.0	3.1												38.0
40.0																40.0
42.0																42.0
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46.0																46.0
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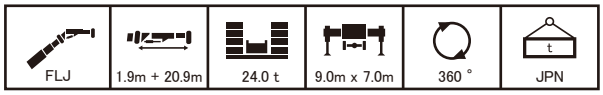
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	66~83.5	66~83.5	67~83.5	68~83.5	75~83.5	71~83.5	72~83.5	72~83.5	72~83.5	77~83.5	72~83.5	73~83.5	74~83.5	75~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



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10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		5.0	4.8	4.5	4.2		28.0
30.0	2.9	3.2				4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		4.6	4.5	4.3	4.1		30.0
32.0	2.7					3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		3.7	4.2	4.1	4.0		32.0
34.0						3.3	3.7	3.8			3.6	3.7	3.8			3.6	3.7	3.7			2.9	3.5	4.0	3.9		34.0
36.0						2.5	3.0	3.5			3.4	3.5	3.7			3.4	3.5	3.5			2.2	2.7	3.3			36.0
38.0						1.9	2.2	2.7			3.2	3.4	3.6			3.2	3.4	3.3				2.0	2.6			38.0
40.0						1.3	1.6				2.8	3.0				3.0	3.2						1.8			40.0
42.0											2.2	2.4				2.8	3.1									42.0
44.0											1.8					2.6										44.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		34~83.5	38~83.5	46~83.5	61~83.5	75~83.5	23~83.5	32~83.5	46~83.5	61~83.5	75~83.5	24~83.5	34~83.5	47~83.5	62~83.5		49~83.5	49~83.5	48~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1			5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.6	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	5.4	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	5.5	5.3	4.8	4.4	3.9	28.0
30.0	4.6	4.5	4.3	4.1		4.5	4.8	4.5	4.2		5.0	4.8	4.5	4.2		4.5	4.3	4.1	4.0	3.8	4.5	5.0	4.6	4.2	3.8	30.0
32.0	4.3	4.2	4.1	4.0		3.6	4.3	4.3	4.1		4.6	4.5	4.3	4.1		4.3	4.1	3.9	3.8		3.6	4.2	4.4	4.1		32.0
34.0	4.0	4.0	4.0	3.9		2.8	3.4	4.1	4.0		3.8	4.3	4.1	4.0		4.0	3.8	3.7	3.6		2.7	3.4	4.2	4.1		34.0
36.0	3.8	3.8	3.9	3.9			2.7	3.4	3.8		3.1	3.6	4.0	3.9		3.8	3.6	3.5	3.4			2.6	3.4	3.9		36.0
38.0	3.3	3.6	3.7					2.6	3.0		2.5	2.9	3.4	3.8		3.5	3.5	3.3	3.3				2.6	3.1		38.0
40.0	2.7	3.0	3.3								1.9	2.3	2.8			3.1	3.3	3.2								40.0
42.0	2.2	2.4	2.7									1.7	2.2			2.6	2.9	3.0								42.0
44.0	1.7	1.9											1.6			2.2	2.4	2.7								44.0
46.0	1.3	1.4														1.8	2.0	2.2								46.0
48.0																1.4	1.5									48.0
50.0																	1.2									50.0
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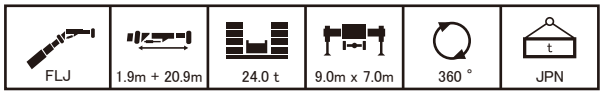
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	30~83.5	32~83.5	44~83.5	59~83.5	74~83.5	56~83.5	56~83.5	57~83.5	59~83.5	76~83.5	48~83.5	48~83.5	47~83.5	60~83.5	76~83.5	35~83.5	32~83.5	44~83.5	60~83.5	74~83.5	59~83.5	60~83.5	61~83.5	63~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	5.5	5.5	4.9	4.4		4.6	4.3	4.0	3.9		5.6	5.4	4.8	4.5		5.2	4.9	4.5	4.3		5.0	4.7	4.3			28.0
30.0	4.5	5.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7	4.6	5.2	4.7	4.4	3.9	5.0	4.6	4.3	4.1	3.9	4.7	4.5	4.1	3.9		30.0
32.0	3.6	4.3	4.6	4.2	3.8	4.1	3.9	3.7	3.5	3.5	3.7	4.4	4.6	4.3	3.8	4.3	4.4	4.1	4.0	3.8	3.9	4.3	4.0	3.8	3.8	32.0
34.0		3.5	4.3	4.1		3.9	3.7	3.5	3.4			3.6	4.4	4.2	3.8	3.6	4.1	4.0	3.8	3.8		3.7	3.8	3.7	3.6	34.0
36.0			3.5	4.0		3.7	3.5	3.3	3.2				3.6	4.1		2.8	3.4	3.8	3.7				3.7	3.5		36.0
38.0				3.3		3.1	3.3	3.2	3.1					3.4			2.7	3.4	3.6					3.4		38.0
40.0						2.6	3.0	3.0	3.0									2.7	3.2							40.0
42.0						2.0	2.4	2.9	2.9																	42.0
44.0							1.9	2.3	2.6																	44.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	64~83.5	65~83.5	67~83.5	67~83.5	75~83.5	54~83.5	55~83.5	55~83.5	59~83.5	75~83.5	67~83.5	68~83.5	69~83.5	69~83.5	75~83.5	63~83.5	64~83.5	65~83.5	67~83.5	75~83.5	69~83.5	70~83.5	72~83.5	72~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6			3.9	3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5		3.9	3.7	3.5			3.7	3.5	3.2			30.0
32.0	3.9	3.6	3.4	3.3	3.3	3.7	3.5	3.3	3.2			3.3	3.1	3.0		32.0
34.0	3.7	3.5	3.3	3.2	3.1		3.4	3.1	3.0	3.0			2.9	2.8	2.8	34.0
36.0		3.3	3.1	3.0				3.0	2.9	2.9				2.7	2.7	36.0
38.0			3.0	2.9					2.8						2.6	38.0
40.0			2.9	2.8												40.0
42.0																42.0
44.0																44.0
46.0																46.0
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50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
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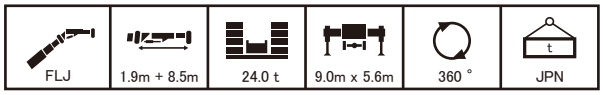
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	68~83.5	69~83.5	68~83.5	70~83.5	76~83.5	71~83.5	72~83.5	73~83.5	73~83.5	76~83.5	74~83.5	75~83.5	76~83.5	76~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			14.3	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		14.1	15.0	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			10.6	11.3	12.2	11.9		12.7	13.2	12.5	11.9		10.7	10.3	9.8	9.6		10.4	11.2	12.1	12.1		16.0
18.0	9.1	9.6				7.9	8.5	9.2	9.7		9.9	10.4	10.9	11.3		9.7	9.4	9.0	8.8		7.7	8.4	9.1	9.7		18.0
20.0	8.4					5.9	6.3	6.9	7.2		7.8	8.2	8.6	8.9		8.9	8.6	8.3	8.2		5.7	6.2	6.8	7.2		20.0
22.0						4.2	4.6	5.1			6.1	6.5	6.8			7.3	7.5	7.7			4.1	4.5	5.0	5.3		22.0
24.0						2.9	3.2	3.6			4.8	5.0	5.3			5.9	6.1	6.3			2.7	3.1	3.5			24.0
26.0						1.7	2.0	2.2			3.7	3.9	4.1			4.8	4.9	5.1								26.0
28.0											2.7	2.9				3.8	3.9									28.0
30.0											1.9	2.0				3.0	3.1									30.0
32.0																2.3										32.0
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36.0																										36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		42~83.5	44~83.5	45~83.5	61~83.5	78~83.5	30~83.5	32~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5		53~83.5	54~83.5	56~83.5	61~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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3.0																										3.0
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	19.4	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			19.6	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	14.2	15.1	13.9	12.6	11.7	15.7	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	14.4	15.3	14.4	12.9	11.8	14.0
16.0	12.9	13.5	13.1	12.2		10.5	11.3	12.2	12.3	11.5	12.0	12.7	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	10.7	11.5	12.5	12.6	11.7	16.0
18.0	10.1	10.6	11.2	11.6		7.8	8.5	9.3	9.8		9.3	9.8	10.5	11.0		9.1	8.9	8.6	8.3		8.0	8.7	9.5	10.1		18.0
20.0	8.0	8.4	8.9	9.2		5.8	6.3	7.0	7.4		7.2	7.6	8.2	8.6		8.3	8.1	8.0	7.8		6.0	6.5	7.2	7.7		20.0
22.0	6.3	6.7	7.1	7.3		4.2	4.6	5.2	5.5		5.5	5.9	6.4	6.7		7.2	7.5	7.3	7.3		4.3	4.8	5.4	5.8		22.0
24.0	5.0	5.3	5.6				3.2	3.7	4.0		4.2	4.5	4.9	5.2		5.8	6.1	6.4	6.6				3.9	4.2		24.0
26.0	3.9	4.1	4.3								3.1	3.4	3.7			4.7	4.9	5.2								26.0
28.0	2.9	3.1	3.3									2.3	2.6			3.7	3.9	4.1								28.0
30.0	2.0	2.2														2.9	3.1	3.2								30.0
32.0	1.3	1.4														2.1	2.3	2.4								32.0
34.0																1.5	1.6									34.0
36.0																										36.0
38.0																										38.0
40.0																										40.0
42.0																										42.0
44.0																										44.0
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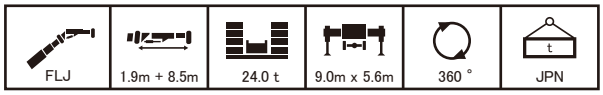
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	36~83.5	37~83.5	48~83.5	62~83.5	77~83.5	61~83.5	59~83.5	61~83.5	62~83.5	76~83.5	54~83.5	52~83.5	54~83.5	62~83.5	76~83.5	40~83.5	41~83.5	47~83.5	63~83.5	76~83.5	64~83.5	65~83.5	64~83.5	65~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



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2.5																										2.5
3.0																										3.0
3.5																										3.5
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4.5																										4.5
5.0																										5.0
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	14.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	11.0	11.7	12.7	12.7	11.7	9.3	9.0	8.4	8.1	8.0	11.3	12.1	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	8.3	8.9	9.7	10.3	10.7	8.7	8.4	7.9	7.6	7.5	8.6	9.2	10.0	10.7	10.8	9.4	9.4	8.9	8.6	8.4	8.9	9.0	8.5	8.1	8.0	18.0
20.0	6.2	6.7	7.4	7.9		8.0	7.8	7.4	7.2		6.5	7.1	7.8	8.3	8.6	7.3	7.8	8.4	8.2	8.1	6.8	7.3	8.0	7.7	7.6	20.0
22.0	4.6	5.0	5.6	6.0		6.7	7.0	7.0	6.8		4.9	5.3	5.9	6.4		5.7	6.1	6.6	7.0		5.2	5.6	6.2	6.7	6.9	22.0
24.0			4.1	4.5		5.3	5.6	6.0	6.3				4.5	4.8		4.3	4.7	5.2	5.5				4.7	5.1		24.0
26.0						4.2	4.5	4.8	5.0									3.9	4.2							26.0
28.0						3.2	3.5	3.8																		28.0
30.0							2.6	2.9	3.0																	30.0
32.0																										32.0
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54.0																										54.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	67~83.5	68~83.5	67~83.5	68~83.5	77~83.5	60~83.5	58~83.5	60~83.5	61~83.5	77~83.5	69~83.5	71~83.5	70~83.5	71~83.5	76~83.5	67~83.5	68~83.5	68~83.5	69~83.5	76~83.5	71~83.5	73~83.5	72~83.5	73~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.1	6.6	6.4	6.2	6.1	5.7	6.1	6.0	5.9	5.8		5.6	5.6	5.4	5.4	22.0
24.0	4.8	5.1	5.6	5.8				5.2	5.6	5.5				5.1	5.1	24.0
26.0		4.0	4.4	4.7												26.0
28.0																28.0
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ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	70~83.5	69~83.5	70~83.5	71~83.5	76~83.5	73~83.5	75~83.5	74~83.5	75~83.5	76~83.5	76~83.5	76~83.5	77~83.5	76~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

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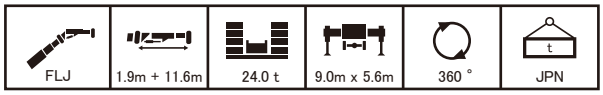

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	14.6																									4.5
5.0	14.6																									5.0
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7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		11.5	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			9.0	9.8	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		8.8	9.6	9.5	8.8		18.0
20.0	6.7	7.1				6.9	7.6	8.4	8.4		8.7	9.2	8.8	8.4		8.1	7.8	7.5	7.3		6.7	7.4	8.3	8.6		20.0
22.0	6.1					5.3	5.8	6.5	7.0		7.0	7.4	8.0	8.3		7.5	7.2	7.0	6.8		5.0	5.6	6.4	7.0		22.0
24.0						3.9	4.4	4.9			5.6	6.0	6.4			6.6	6.7	6.5			3.7	4.2	4.8	5.3		24.0
26.0						2.7	3.2	3.6			4.5	4.8	5.1			5.4	5.7	6.0			2.5	3.0	3.5			26.0
28.0						1.7	2.1	2.4			3.5	3.8	4.0			4.5	4.7	4.9					2.4			28.0
30.0											2.7	2.9				3.6	3.8									30.0
32.0											1.9	2.1				2.9	3.0									32.0
34.0											1.3					2.3										34.0
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% 5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		43~83.5	45~83.5	48~83.5	63~83.5	76~83.5	26~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	49~83.5	64~83.5		53~83.5	55~83.5	54~83.5	63~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
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16.0	12.8	11.4	10.0	9.1	8.4	11.6	12.0	10.3	9.3	8.4	12.9	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		11.6	12.5	10.6	9.4		16.0
18.0	10.9	10.6	9.5	8.8	8.3	8.8	9.7	9.8	9.0	8.3	10.1	10.8	9.8	9.0	8.3	8.6	8.1	7.7	7.4		8.9	9.7	10.1	9.1	8.3	18.0
20.0	8.8	9.3	9.1	8.6		6.7	7.5	8.4	8.8		8.0	8.6	9.4	8.8		7.9	7.6	7.1	6.9		6.8	7.5	8.5	8.9	8.3	20.0
22.0	7.1	7.5	8.1	8.4		5.1	5.7	6.5	7.1		6.3	6.8	7.5	8.0		7.2	7.1	6.7	6.5		5.1	5.7	6.6	7.2		22.0
24.0	5.7	6.1	6.6	6.9		3.7	4.3	5.0	5.4		4.9	5.4	6.0	6.4		6.3	6.5	6.3	6.1		3.8	4.3	5.0	5.6		24.0
26.0	4.5	4.9	5.3	5.6			3.1	3.7	4.1		3.8	4.2	4.7	5.0		5.2	5.5	5.9	5.8				3.8	4.2		26.0
28.0	3.6	3.9	4.2						2.9		2.8	3.2	3.6	3.9		4.2	4.5	4.9	5.1							28.0
30.0	2.8	3.0	3.3									2.3	2.7			3.4	3.6	3.9								30.0
32.0	2.0	2.2	2.4													2.7	2.9	3.1								32.0
34.0	1.3	1.5														2.0	2.2	2.4								34.0
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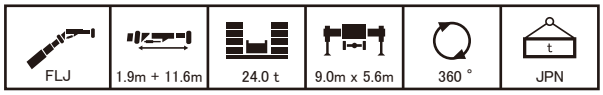
% 2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
% 3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
% 4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93		0	0	0	0	0	4
% 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	38~83.5	39~83.5	46~83.5	60~83.5	75~83.5	61~83.5	60~83.5	62~83.5	60~83.5	77~83.5	55~83.5	53~83.5	56~83.5	60~83.5	77~83.5	41~83.5	43~83.5	45~83.5	61~83.5		64~83.5	66~83.5	65~83.5	67~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	11.8	12.8	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	9.1	9.9	10.3	9.2	8.4	7.9	7.5	7.0	6.7		9.2	10.1	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	7.0	7.7	8.7	9.0	8.3	7.4	7.0	6.6	6.3	6.2	7.1	7.9	8.8	9.1	8.3	7.9	8.0	7.4	7.1	7.0	7.4	7.6	7.1	6.8		20.0
22.0	5.3	5.9	6.8	7.4	7.8	6.9	6.6	6.2	6.0	5.9	5.4	6.1	6.9	7.6	8.0	6.2	6.8	7.1	6.8	6.7	5.7	6.3	6.7	6.5	6.3	22.0
24.0		4.5	5.2	5.8		6.0	6.2	5.9	5.7			4.7	5.4	6.0	6.3	4.8	5.3	6.0	6.5	6.4		4.9	5.6	6.2	6.1	24.0
26.0			4.0	4.4		4.8	5.2	5.5	5.4					4.6			4.2	4.8	5.2					4.8		26.0
28.0						3.9	4.2	4.6	5.0									3.7	4.1							28.0
30.0						3.0	3.3	3.7	4.0																	30.0
32.0							2.6	2.9	3.1																	32.0
34.0																										34.0
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4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	69~83.5	68~83.5	68~83.5	70~83.5	76~83.5	60~83.5	59~83.5	61~83.5	62~83.5	76~83.5	71~83.5	71~83.5	73~83.5	72~83.5	75~83.5	69~83.5	69~83.5	68~83.5	70~83.5	75~83.5	73~83.5	73~83.5	75~83.5	74~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	5.2	5.7	5.4	5.2	5.1		5.3	5.2	5.0	4.9			4.8	4.6	4.6	24.0
26.0	4.1	4.6	5.1	5.0				4.8	4.7	4.7				4.4	4.3	26.0
28.0			4.1	4.5												28.0
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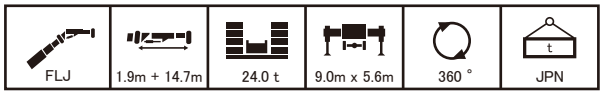
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	69~83.5	71~83.5	71~83.5	72~83.5	77~83.5	75~83.5	75~83.5	75~83.5	76~83.5	77~83.5	76~83.5	77~83.5	78~83.5	77~83.5	78~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	13.9																									4.5
5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.6	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			7.7	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	7.4	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			6.0	6.7	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		5.8	6.5	7.0	6.6		22.0
24.0	4.7	5.1				4.6	5.3	6.0	6.3		6.2	6.6	6.4	6.3		6.4	6.2	5.9	5.8		4.4	5.0	5.9	6.4		24.0
26.0	4.4					3.5	4.0	4.7	5.1		5.1	5.5	6.0	6.1		5.9	5.8	5.6	5.5		3.2	3.8	4.6	5.1		26.0
28.0						2.5	3.0	3.5			4.1	4.4	4.9			5.0	5.3	5.2				2.8	3.4	3.9		28.0
30.0							2.0	2.5			3.3	3.6	3.9			4.1	4.4	4.7					2.4			30.0
32.0											2.5	2.8	3.1			3.4	3.6	3.8								32.0
34.0											1.9	2.1				2.8	2.9									34.0
36.0											1.3	1.4				2.2	2.3									36.0
38.0																1.7										38.0
40.0																										40.0
42.0																										42.0
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4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46	46	0	0	0	0	0	4
5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		48~83.5	47~83.5	50~83.5	61~83.5		30~83.5	32~83.5	45~83.5	61~83.5		23~83.5	32~83.5	46~83.5	62~83.5	75~83.5	57~83.5	56~83.5	56~83.5	61~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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3.0																										3.0
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7.0																										7.0
8.0																										8.0
9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		9.6	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			9.5	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		7.4	8.3	7.6	6.9	6.3	8.6	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		7.4	8.3	7.8	7.0	6.3	20.0
22.0	7.6	7.6	7.0	6.6		5.7	6.5	7.2	6.7	6.2	6.8	7.5	7.2	6.7	6.2	6.8	6.4	6.0	5.8		5.7	6.5	7.4	6.8	6.2	22.0
24.0	6.2	6.7	6.7	6.4		4.4	5.1	6.0	6.5		5.5	6.1	6.9	6.5		6.3	6.0	5.7	5.5		4.3	5.1	6.0	6.6	6.2	24.0
26.0	5.1	5.5	6.1	6.3		3.2	3.8	4.6	5.2		4.3	4.8	5.5	6.0		5.8	5.6	5.3	5.2			3.8	4.7	5.3		26.0
28.0	4.1	4.5	5.0	5.3				3.5	4.0		3.4	3.8	4.4	4.8		4.8	5.2	5.0	4.9				3.5	4.1		28.0
30.0	3.3	3.6	4.0						2.9		2.5	2.9	3.5	3.8		4.0	4.3	4.7	4.7							30.0
32.0	2.6	2.9	3.2									2.1	2.6			3.2	3.5	3.9	4.1							32.0
34.0	1.9	2.2	2.5													2.6	2.9	3.2								34.0
36.0	1.3	1.5														2.0	2.3	2.5								36.0
38.0																1.5	1.7	1.9								38.0
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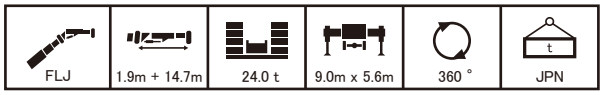
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	39~83.5	42~83.5	48~83.5	62~83.5		60~83.5	63~83.5	63~83.5	62~83.5	76~83.5	55~83.5	54~83.5	57~83.5	62~83.5	76~83.5	43~83.5	45~83.5	47~83.5	60~83.5		66~83.5	66~83.5	66~83.5	68~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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2.5																										2.5
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10.0																										10.0
11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	9.7	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	7.5	8.5	7.9	7.0		6.8	6.4	6.0			7.7	8.6	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	5.9	6.7	7.6	6.9	6.3	6.4	6.0	5.6	5.4		6.0	6.8	7.8	6.9		6.9	6.8	6.2	5.9		6.2	6.5	6.0			22.0
24.0	4.5	5.2	6.1	6.7	6.2	6.0	5.7	5.3	5.1	5.0	4.6	5.3	6.3	6.8	6.2	5.5	6.2	6.0	5.7	5.6	4.8	5.5	5.7	5.4	5.3	24.0
26.0		4.0	4.8	5.5		5.2	5.3	5.0	4.9	4.8			4.9	5.6	6.0	4.3	4.9	5.7	5.5	5.4			5.1	5.2	5.1	26.0
28.0			3.7	4.3		4.3	4.7	4.8	4.6					4.4			3.9	4.6	5.1					4.6	4.9	28.0
30.0						3.4	3.8	4.4	4.4									3.6	4.1							30.0
32.0						2.7	3.1	3.5	3.9																	32.0
34.0							2.4	2.8	3.1																	34.0
36.0									2.4																	36.0
38.0																										38.0
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3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	68~83.5	68~83.5	69~83.5	71~83.5	77~83.5	60~83.5	60~83.5	62~83.5	61~83.5	75~83.5	71~83.5	73~83.5	74~83.5	73~83.5	77~83.5	69~83.5	69~83.5	69~83.5	71~83.5	77~83.5	73~83.5	75~83.5	75~83.5	75~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.2	5.0	4.7	4.5			4.6	4.4			24.0
26.0	4.5	5.0	4.7	4.5	4.4		4.7	4.5	4.3	4.2			4.2	4.0		26.0
28.0		4.1	4.4	4.3	4.2				4.1	4.1				3.8		28.0
30.0			3.8	4.1						3.9						30.0
32.0																32.0
34.0																34.0
36.0																36.0
38.0																38.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100		3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100		4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100		5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16		ID
[DEG]	71~83.5	71~83.5	72~83.5	73~83.5	76~83.5	74~83.5	75~83.5	77~83.5	77~83.5	76~83.5	77~83.5	77~83.5	78~83.5	78~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

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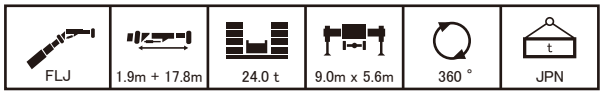

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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2.5																										2.5
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4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.3	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.0	5.8	5.6	5.2	4.9	24.0
26.0	3.7	4.1				4.1	4.8	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		3.8	4.5	5.3	5.1		26.0
28.0	3.5	3.8				3.2	3.7	4.5	4.9		4.6	5.0	4.9	4.9		5.0	5.0	4.8	4.8		2.9	3.5	4.3	4.9		28.0
30.0						2.3	2.8	3.4			3.8	4.1	4.6			4.5	4.7	4.5	4.5			2.6	3.3	3.8		30.0
32.0							2.0	2.6			3.0	3.4	3.8			3.8	4.1	4.3					2.4	2.8		32.0
34.0								1.7			2.4	2.7	3.0			3.2	3.4	3.7								34.0
36.0											1.8	2.1				2.6	2.8									36.0
38.0											1.3	1.5				2.1	2.3									38.0
40.0																1.7	1.8									40.0
42.0																										42.0
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46.0																										46.0
48.0																										48.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		49~83.5	48~83.5	47~83.5	63~83.5		32~83.5	34~83.5	48~83.5	63~83.5		26~83.5	28~83.5	48~83.5	59~83.5		57~83.5	57~83.5	57~83.5	59~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.0	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.0	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	6.3	6.8	6.0	5.5		7.4	6.8	6.0	5.5		6.3	5.9	5.5	5.3		6.3	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	4.9	5.8	5.8	5.3		6.0	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	4.9	5.7	5.9	5.4	4.9	24.0
26.0	5.5	5.7	5.3	5.1		3.8	4.5	5.5	5.2		4.8	5.4	5.5	5.2		5.5	5.2	4.9	4.8	4.7	3.7	4.5	5.5	5.2	4.8	26.0
28.0	4.6	5.0	5.1	4.9			3.5	4.3	5.0		3.8	4.4	5.1	5.0		5.1	4.9	4.6	4.5			3.4	4.3	5.1		28.0
30.0	3.7	4.1	4.7	4.9				3.3	3.9		3.0	3.5	4.2	4.7		4.3	4.6	4.4	4.3				3.4	4.0		30.0
32.0	3.0	3.4	3.9	4.2					2.9		2.2	2.7	3.3	3.7		3.6	4.0	4.2	4.1							32.0
34.0	2.4	2.7	3.1										2.6	2.9		3.0	3.3	3.7	3.9							34.0
36.0	1.8	2.1	2.4													2.4	2.7	3.1								36.0
38.0		1.5	1.8													1.9	2.2	2.5								38.0
40.0																1.4	1.6	1.9								40.0
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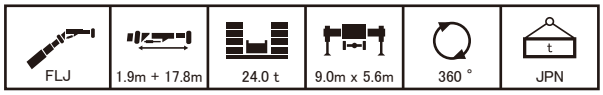
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	44~83.5	43~83.5	46~83.5	60~83.5	75~83.5	63~83.5	63~83.5	64~83.5	63~83.5		55~83.5	58~83.5	58~83.5	60~83.5		44~83.5	46~83.5	45~83.5	61~83.5	75~83.5	66~83.5	66~83.5	67~83.5	70~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	8.1	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	6.4	7.3	6.3			5.9	5.5	5.1			6.4	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	5.0	5.8	6.1	5.4		5.5	5.2	4.9	4.7		5.1	5.9	6.4			5.9	5.8	5.4			5.5	5.6	5.2			24.0
26.0		4.6	5.6	5.3	4.9	5.2	4.9	4.6	4.4	4.4		4.7	5.7	5.5		4.8	5.5	5.1	4.9			5.1	4.9	4.7		26.0
28.0			4.5	5.2	4.8	4.6	4.7	4.4	4.2	4.2			4.6	5.3	4.9	3.8	4.4	4.9	4.7	4.6			4.7	4.5	4.4	28.0
30.0				4.1		3.8	4.3	4.2	4.0					4.2	4.6		3.5	4.3	4.5	4.5				4.3	4.3	30.0
32.0						3.1	3.5	4.0	3.8									3.4	3.9						4.0	32.0
34.0						2.4	2.8	3.4	3.7																	34.0
36.0								2.7	3.0																	36.0
38.0									2.4																	38.0
40.0																										40.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	70~83.5	71~83.5	72~83.5	72~83.5	76~83.5	60~83.5	63~83.5	63~83.5	62~83.5	76~83.5	72~83.5	73~83.5	74~83.5	74~83.5	75~83.5	68~83.5	69~83.5	70~83.5	72~83.5	75~83.5	74~83.5	75~83.5	76~83.5	76~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
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3.0																3.0
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9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1			4.4	4.1				4.1	3.8			26.0
28.0	3.9	4.3	4.1	3.9	3.9			3.9	3.8				3.7			28.0
30.0			3.9	3.7	3.7				3.6	3.5						30.0
32.0			3.6	3.6	3.5					3.4						32.0
34.0																34.0
36.0																36.0
38.0																38.0
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4	93	93	93	93	93	93	93	93	93	93	100	100	100			4
5	93	93	93	93	93	93	93	93	93	93	100	100	100			5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16			ID
[DEG]	71~83.5	73~83.5	72~83.5	74~83.5	75~83.5	76~83.5	76~83.5	77~83.5	78~83.5	77~83.5	76~83.5	77~83.5	78~83.5			[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1			
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			

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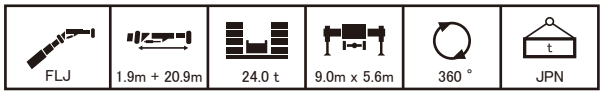

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2.5																										2.5
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7.0	5.6																									7.0
8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		4.6	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			3.9	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		3.6	4.3	4.5	4.2		28.0
30.0	2.9	3.2				3.0	3.6	4.1	4.0		4.2	4.2	4.1	4.0		4.2	4.2	4.1	4.0		2.7	3.4	4.2	4.1		30.0
32.0	2.7					2.3	2.8	3.5	3.9		3.6	3.9	4.0	3.9		3.9	3.9	4.0	3.9			2.6	3.3	3.9		32.0
34.0							2.1	2.7			2.9	3.3	3.8			3.6	3.7	3.7					2.5	3.0		34.0
36.0								1.9			2.4	2.7	3.1			3.1	3.4	3.5								36.0
38.0											1.8	2.1	2.4			2.6	2.8	3.1								38.0
40.0											1.4	1.6				2.1	2.3									40.0
42.0																1.7	1.9									42.0
44.0																1.3										44.0
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58.0																										58.0
62.0																										62.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		50~83.5	50~83.5	50~83.5	61~83.5	75~83.5	34~83.5	38~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	47~83.5	62~83.5		57~83.5	58~83.5	59~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1			5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	4.5	5.3	4.9	4.4	3.9	5.4	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		4.4	5.3	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	3.5	4.2	4.7	4.3	3.9	4.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	3.4	4.2	4.8	4.4	3.9	28.0
30.0	4.3	4.5	4.3	4.1			3.3	4.2	4.2		3.6	4.2	4.5	4.2		4.5	4.3	4.1	4.0	3.8		3.3	4.2	4.2	3.8	30.0
32.0	3.5	4.0	4.1	4.0				3.3	4.0		2.8	3.4	4.1	4.1		3.9	4.1	3.9	3.8				3.3	4.0		32.0
34.0	2.9	3.3	3.8	3.9					3.1		2.2	2.7	3.3	3.8		3.3	3.7	3.7	3.6					3.2		34.0
36.0	2.3	2.7	3.1	3.4									2.6	3.0		2.7	3.1	3.5	3.4							36.0
38.0	1.8	2.1	2.5											2.3		2.2	2.6	3.0	3.2							38.0
40.0		1.6	1.9													1.8	2.1	2.4								40.0
42.0			1.4														1.6	1.9								42.0
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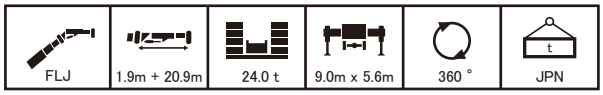
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	46~83.5	45~83.5	44~83.5	58~83.5	74~83.5	63~83.5	64~83.5	66~83.5	65~83.5	76~83.5	56~83.5	59~83.5	60~83.5	59~83.5	76~83.5	48~83.5	48~83.5	51~83.5	60~83.5	74~83.5	66~83.5	67~83.5	68~83.5	69~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	4.5	5.3	5.0	4.5		4.8	4.6	4.3			4.5	5.4	4.9			5.1	5.1	4.7			4.7	4.9	4.5			26.0
28.0		4.3	4.9	4.4		4.6	4.3	4.0	3.9			4.3	4.8	4.5		4.2	4.9	4.5	4.3			4.5	4.3			28.0
30.0			4.3	4.3	3.9	4.1	4.1	3.8	3.7	3.7			4.4	4.4	3.9		4.0	4.3	4.1	3.9			4.1	3.9		30.0
32.0			3.4	4.1	3.8	3.4	3.9	3.7	3.5	3.5				4.2	3.8			4.0	4.0	3.8				3.8	3.8	32.0
34.0				3.3		2.8	3.2	3.5	3.4						3.8			3.2	3.8	3.8					3.6	34.0
36.0							2.6	3.2	3.2																	36.0
38.0								2.6	3.0																	38.0
40.0									2.4																	40.0
42.0																										42.0
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58.0																										58.0
62.0																										62.0
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4	46	46	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	70~83.5	71~83.5	71~83.5	71~83.5	75~83.5	63~83.5	64~83.5	65~83.5	64~83.5	75~83.5	72~83.5	73~83.5	75~83.5	76~83.5	75~83.5	70~83.5	71~83.5	71~83.5	74~83.5	75~83.5	74~83.5	75~83.5	77~83.5	77~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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3.5																3.5
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4.5																4.5
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6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1					3.8				26.0
28.0	4.3	4.0	3.8				3.9	3.6								28.0
30.0		3.8	3.6	3.5				3.5								30.0
32.0			3.4	3.3	3.3											32.0
34.0				3.2	3.1											34.0
36.0																36.0
38.0																38.0
40.0																40.0
42.0																42.0
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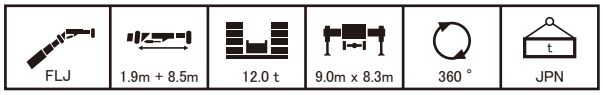
4	93	93	93	93	93	93	93	93			100	100				4
5	93	93	93	93	93	93	93	93			100	100				5
ID	23	23	23	23	23	24	24	24			16	16				ID
[DEG]	72~83.5	73~83.5	75~83.5	75~83.5	76~83.5	75~83.5	76~83.5	78~83.5			78~83.5	79~83.5				[DEG]
	1	1	1	1	1	1	1	1			1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			8.7t	8.7t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		20.0	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		19.0	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			15.7	14.4	13.1	12.2		15.7	14.4	13.1	12.2		11.9	11.4	10.8	10.4		17.1	15.2	13.5	12.4	11.6	14.0
16.0	9.9	10.3	10.8			13.4	13.4	12.5	11.9		14.3	13.4	12.5	11.9		10.7	10.3	9.8	9.6		13.2	14.0	12.9	12.1		16.0
18.0	9.1	9.6				10.0	10.7	11.4	11.6		12.2	12.5	11.9	11.6		9.7	9.4	9.0	8.8		9.8	10.5	11.3	11.8		18.0
20.0	8.4					7.5	8.0	8.6	9.0		9.6	10.0	10.5	10.8		8.9	8.6	8.3	8.2		7.3	7.9	8.6	9.0		20.0
22.0						5.6	6.0	6.5			7.6	8.0	8.4			8.2	7.9	7.7			5.4	5.9	6.4	6.8		22.0
24.0						4.1	4.4	4.7			6.1	6.3	6.6			7.2	7.4	7.2			3.9	4.2	4.7			24.0
26.0						2.8	3.0	3.3			4.8	5.0	5.2			5.9	6.1	6.3			2.5	2.9	3.3			26.0
28.0						1.6	1.8				3.7	3.8				4.8	4.9									28.0
30.0											2.8	2.9				3.9	4.0									30.0
32.0											1.9					3.1										32.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		37~83.5	38~83.5	45~83.5	61~83.5	78~83.5	22~83.5	32~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5		49~83.5	51~83.5	52~83.5	61~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	20.3	17.2	14.5	13.0		18.6	17.5	14.7	13.1		12.2	11.6	10.8			20.3	18.2	15.1			12.0
14.0	15.6	15.2	13.7	12.6	11.7	17.9	16.0	13.9	12.6	11.7	17.2	16.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	18.1	17.0	14.4	12.9	11.8	14.0
16.0	14.0	13.8	13.1	12.2		13.3	14.1	13.3	12.3	11.5	14.9	15.2	13.5	12.4	11.7	10.0	9.8	9.2	8.9	8.8	13.5	14.3	13.8	12.6	11.7	16.0
18.0	12.4	12.5	12.3	11.9		9.9	10.6	11.5	12.0		11.5	12.1	12.9	12.1		9.1	8.9	8.6	8.3		10.1	10.8	11.7	12.3		18.0
20.0	9.9	10.3	10.8	11.2		7.4	8.0	8.7	9.2		9.0	9.5	10.1	10.5		8.3	8.1	8.0	7.8		7.6	8.2	9.0	9.5		20.0
22.0	7.8	8.2	8.6	8.9		5.5	6.0	6.6	7.0		7.0	7.4	7.9	8.3		7.6	7.5	7.3	7.3		5.7	6.2	6.8	7.2		22.0
24.0	6.2	6.5	6.9			4.0	4.4	4.9	5.2		5.4	5.8	6.2	6.4		7.0	6.9	6.7	6.7		4.1	4.6	5.1	5.4		24.0
26.0	4.9	5.2	5.5				3.0	3.5			4.1	4.4	4.8			5.8	6.0	6.2					3.7	3.9		26.0
28.0	3.9	4.1	4.3								3.0	3.3	3.6			4.7	4.9	5.1								28.0
30.0	2.9	3.1									2.1	2.3	2.5			3.8	3.9	4.1								30.0
32.0	2.1	2.2														3.0	3.1	3.2								32.0
34.0	1.4	1.5														2.2	2.4									34.0
36.0																1.6	1.7									36.0
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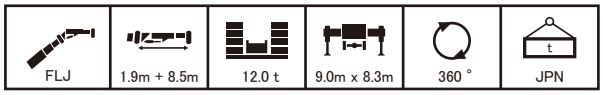
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	30~83.5	31~83.5	48~83.5	62~83.5	77~83.5	58~83.5	56~83.5	58~83.5	62~83.5	76~83.5	48~83.5	49~83.5	50~83.5	62~83.5	76~83.5	36~83.5	37~83.5	47~83.5	63~83.5	76~83.5	61~83.5	63~83.5	62~83.5	63~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	17.0	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	15.6	15.3	14.7			10.1	9.6	9.1			13.4	13.1				11.2	10.7	10.0			10.6	10.1				14.0
16.0	13.8	14.4	13.8	12.7	11.7	9.3	9.0	8.4	8.1	8.0	12.3	12.2	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	10.4	11.1	12.0	12.4	11.6	8.7	8.4	7.9	7.6	7.5	10.8	11.3	11.0	10.8	10.8	9.8	9.4	8.9	8.6	8.4	9.2	9.0	8.5	8.1	8.0	18.0
20.0	7.9	8.5	9.2	9.8		8.0	7.8	7.4	7.2		8.2	8.8	9.6	10.1	10.1	9.1	8.8	8.4	8.2	8.1	8.6	8.4	8.0	7.7	7.6	20.0
22.0	5.9	6.4	7.1	7.5		7.4	7.2	7.0	6.8		6.3	6.8	7.4	7.9		7.1	7.6	7.9	7.8		6.6	7.1	7.6	7.4	7.3	22.0
24.0	4.4	4.8	5.4	5.7		6.6	6.7	6.6	6.5		4.7	5.1	5.7	6.1		5.5	5.9	6.4	6.8		5.0	5.4	6.0	6.4		24.0
26.0			4.0	4.3		5.3	5.6	5.9	6.1				4.3	4.6		4.2	4.6	5.0	5.3				4.6	4.9		26.0
28.0						4.2	4.4	4.8	4.9									3.8	4.1							28.0
30.0						3.2	3.5	3.7	3.9																	30.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	64~83.5	66~83.5	65~83.5	66~83.5	77~83.5	55~83.5	56~83.5	57~83.5	61~83.5	77~83.5	67~83.5	68~83.5	68~83.5	69~83.5	77~83.5	65~83.5	66~83.5	65~83.5	66~83.5	76~83.5	70~83.5	71~83.5	70~83.5	71~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
20.0	7.3	7.1	6.7	6.5	6.4	7.0	6.7	6.4	6.2	6.1	5.6	5.6	5.6	5.6	5.6	20.0
22.0	6.9	6.7	6.4	6.2	6.1	6.6	6.4	6.0	5.9	5.8	5.6	5.6	5.6	5.4	5.4	22.0
24.0	6.0	6.3	6.0	5.8		5.5	6.0	5.7	5.6	5.5	5.5	5.5	5.3	5.1	5.1	24.0
26.0	4.7	5.1	5.5	5.6				5.1	5.3				5.0	4.9		26.0
28.0		3.9	4.3	4.6												28.0
30.0																30.0
32.0																32.0
34.0																34.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
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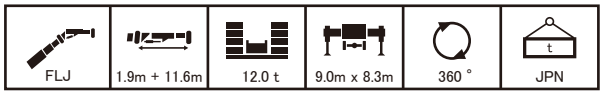
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	68~83.5	67~83.5	68~83.5	69~83.5	76~83.5	72~83.5	73~83.5	72~83.5	73~83.5	76~83.5	73~83.5	74~83.5	74~83.5	75~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		11.7	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		12.8	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			10.6	9.9	9.2	8.7		10.6	9.9	9.2	8.7		8.9	8.5	8.1	7.9		11.0	10.6	9.5	8.8		18.0
20.0	6.7	7.1				8.7	9.3	8.8	8.4		9.7	9.3	8.8	8.4		8.1	7.8	7.5	7.3		8.4	9.2	9.1	8.6		20.0
22.0	6.1					6.7	7.3	8.0	8.3		8.6	8.7	8.4	8.3		7.5	7.2	7.0	6.8		6.4	7.1	7.9	8.4		22.0
24.0						5.1	5.6	6.2			6.9	7.3	7.8			6.9	6.7	6.5			4.9	5.4	6.1	6.6		24.0
26.0						3.8	4.2	4.7			5.6	5.9	6.3			6.4	6.2	6.1			3.6	4.0	4.6			26.0
28.0						2.7	3.0	3.4			4.5	4.8	5.0			5.5	5.7	5.7			2.4	2.9	3.4			28.0
30.0						1.7	2.0				3.6	3.8				4.5	4.7						2.2			30.0
32.0											2.8	2.9				3.7	3.9									32.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		38~83.5	41~83.5	48~83.5	63~83.5	76~83.5	26~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	36~83.5	49~83.5	64~83.5		50~83.5	52~83.5	50~83.5	63~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

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8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.6	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.6	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	13.8	12.0	10.3	9.3	8.4	13.8	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		14.5	12.5	10.6	9.4		16.0
18.0	11.6	10.6	9.5	8.8	8.3	11.0	11.2	9.8	9.0	8.3	12.4	11.2	9.8	9.0	8.3	8.6	8.1	7.7	7.4		11.1	11.7	10.1	9.1	8.3	18.0
20.0	10.7	9.9	9.1	8.6		8.5	9.3	9.4	8.8		9.8	10.5	9.4	8.8		7.9	7.6	7.1	6.9		8.5	9.3	9.7	8.9	8.3	20.0
22.0	8.6	9.1	8.8	8.4		6.5	7.2	8.0	8.6		7.8	8.4	9.1	8.6		7.2	7.1	6.7	6.5		6.5	7.2	8.1	8.7		22.0
24.0	7.0	7.4	8.0	8.3		4.9	5.5	6.2	6.7		6.2	6.7	7.3	7.8		6.6	6.5	6.3	6.1		4.9	5.5	6.3	6.9		24.0
26.0	5.7	6.0	6.5	6.7		3.6	4.1	4.7	5.2		4.8	5.3	5.8	6.2		6.1	6.0	5.9	5.8		3.6	4.2	4.8	5.3		26.0
28.0	4.6	4.9	5.2				3.0	3.5	3.8		3.8	4.1	4.6	4.9		5.2	5.5	5.5	5.5				3.6	4.0		28.0
30.0	3.6	3.9	4.2								2.8	3.2	3.5			4.3	4.5	4.8								30.0
32.0	2.8	3.0	3.3								2.0	2.3	2.6			3.5	3.7	3.9								32.0
34.0	2.1	2.3														2.8	3.0	3.2								34.0
36.0	1.4	1.6														2.1	2.3	2.5								36.0
38.0																1.5	1.7									38.0
40.0																										40.0
42.0																										42.0
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2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
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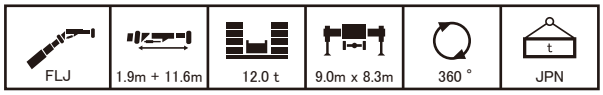
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	33~83.5	34~83.5	46~83.5	60~83.5	75~83.5	58~83.5	57~83.5	59~83.5	60~83.5	77~83.5	48~83.5	50~83.5	52~83.5	61~83.5	77~83.5	37~83.5	39~83.5	45~83.5	61~83.5		61~83.5	63~83.5	63~83.5	64~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
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12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	13.4	13.0	10.8			8.5	8.0	7.5			11.4	11.3				9.5	9.0				9.1	8.5				16.0
18.0	11.3	12.2	10.3	9.2	8.4	7.9	7.5	7.0	6.7		10.8	10.6	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	8.7	9.5	9.9	9.0	8.3	7.4	7.0	6.6	6.3	6.2	8.9	9.7	9.6	9.1	8.3	8.3	8.0	7.4	7.1	7.0	7.9	7.6	7.1	6.8		20.0
22.0	6.7	7.4	8.3	8.8	8.2	6.9	6.6	6.2	6.0	5.9	6.9	7.6	8.5	8.9	8.2	7.7	7.6	7.1	6.8	6.7	7.2	7.2	6.7	6.5	6.3	22.0
24.0	5.1	5.7	6.5	7.1		6.4	6.2	5.9	5.7		5.3	5.9	6.7	7.3	7.6	6.1	6.6	6.8	6.5	6.4	5.6	6.2	6.4	6.2	6.1	24.0
26.0		4.4	5.0	5.5		6.0	5.8	5.5	5.4			4.5	5.2	5.7		4.8	5.3	5.9	6.2			4.8	5.5	5.9		26.0
28.0			3.8	4.2		4.8	5.2	5.3	5.1				4.0	4.4		3.7	4.1	4.7	5.1				4.2	4.7		28.0
30.0						3.9	4.2	4.6	4.9									3.6	4.0							30.0
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34.0						2.3	2.6	2.9																		34.0
36.0								2.2																		36.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	67~83.5	66~83.5	66~83.5	67~83.5	76~83.5	55~83.5	57~83.5	56~83.5	63~83.5	76~83.5	69~83.5	69~83.5	69~83.5	70~83.5	76~83.5	65~83.5	67~83.5	66~83.5	68~83.5	75~83.5	71~83.5	71~83.5	71~83.5	72~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																2.5
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7.0																7.0
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9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	6.4	6.1	5.7	5.5	5.4	6.1	5.8	5.5	5.2	5.2	5.1	5.1	5.1	4.9		22.0
24.0	6.0	5.7	5.4	5.2	5.1	5.7	5.5	5.2	5.0	4.9	5.1	5.1	4.8	4.6	4.6	24.0
26.0	5.2	5.4	5.1	5.0			5.2	4.9	4.7	4.7		4.8	4.6	4.4	4.3	26.0
28.0	4.1	4.5	4.9	4.7				4.7	4.5					4.2	4.1	28.0
30.0			4.0	4.4												30.0
32.0				3.4												32.0
34.0																34.0
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58.0																58.0
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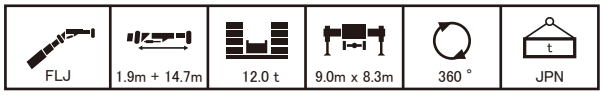
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	67~83.5	69~83.5	69~83.5	68~83.5	77~83.5	73~83.5	73~83.5	73~83.5	74~83.5	77~83.5	74~83.5	74~83.5	76~83.5	76~83.5	76~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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5.0	13.9																									5.0
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8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	9.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			8.1	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	8.8	8.1	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			7.4	7.1	6.7	6.4		7.4	7.1	6.7	6.4		7.0	6.7	6.4	6.2		7.2	7.6	7.0	6.6		22.0
24.0	4.7	5.1				5.9	6.5	6.4	6.3		6.8	6.6	6.4	6.3		6.4	6.2	5.9	5.8		5.6	6.3	6.7	6.4		24.0
26.0	4.4					4.6	5.1	5.8	6.1		6.2	6.3	6.2	6.1		6.0	5.8	5.6	5.5		4.3	4.9	5.7	6.3		26.0
28.0						3.5	3.9	4.5			5.1	5.5	5.9			5.5	5.4	5.2			3.2	3.7	4.4	4.8		28.0
30.0						2.5	2.9	3.4			4.1	4.5	4.8			5.0	5.0	4.9			2.2	2.7	3.3			30.0
32.0						1.7	2.0	2.4			3.3	3.6	3.9			4.2	4.4	4.6					2.3			32.0
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36.0											2.0	2.1				2.9	3.0									36.0
38.0											1.4					2.4										38.0
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62.0																										62.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		40~83.5	43~83.5	45~83.5	61~83.5		23~83.5	32~83.5	46~83.5	61~83.5		23~83.5	33~83.5	46~83.5	62~83.5	75~83.5	50~83.5	53~83.5	52~83.5	62~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			12.2	10.2				16.0
18.0	9.7	8.7	7.7	7.0		10.4	9.1	7.9	7.1		10.4	9.1	7.9	7.1		6.9	6.9	6.9			11.1	9.6	8.1			18.0
20.0	8.8	8.1	7.3	6.8		9.2	8.5	7.6	6.9	6.3	9.5	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		9.2	8.9	7.8	7.0	6.3	20.0
22.0	8.1	7.6	7.0	6.6		7.2	8.0	7.2	6.7	6.2	8.4	8.0	7.2	6.7	6.2	6.8	6.4	6.0	5.8		7.2	8.0	7.4	6.8	6.2	22.0
24.0	7.5	7.1	6.7	6.4		5.6	6.3	6.9	6.5		6.8	7.4	6.9	6.5		6.3	6.0	5.7	5.5		5.6	6.3	7.1	6.6	6.2	24.0
26.0	6.2	6.7	6.4	6.3		4.3	4.9	5.8	6.4		5.4	6.0	6.7	6.4		5.8	5.6	5.3	5.2		4.3	4.9	5.8	6.5		26.0
28.0	5.1	5.5	6.0	6.1		3.2	3.7	4.5	5.0		4.3	4.8	5.4	5.9		5.4	5.3	5.0	4.9			3.8	4.5	5.1		28.0
30.0	4.2	4.5	5.0				2.8	3.4	3.8		3.4	3.8	4.3	4.7		4.9	4.9	4.8	4.7				3.4	3.9		30.0
32.0	3.3	3.7	4.0								2.6	3.0	3.4			4.0	4.4	4.5	4.5							32.0
34.0	2.6	2.9	3.2									2.2	2.6			3.3	3.6	3.9								34.0
36.0	2.0	2.2														2.7	2.9	3.2								36.0
38.0	1.4	1.6														2.1	2.4	2.6								38.0
40.0																1.6	1.8									40.0
42.0																	1.3									42.0
44.0																										44.0
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2	0	0	0	0		93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
3	93	93	93	93		46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
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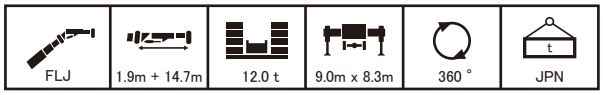
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	35~83.5	37~83.5	48~83.5	62~83.5		58~83.5	57~83.5	60~83.5	62~83.5	76~83.5	52~83.5	51~83.5	54~83.5	62~83.5	76~83.5	39~83.5	37~83.5	47~83.5	60~83.5		64~83.5	64~83.5	64~83.5	66~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	11.3	9.9	8.3			6.9	6.8	6.3			9.6	9.6				6.9	6.9				7.7	7.2				18.0
20.0	9.3	9.3	7.9	7.0		6.8	6.4	6.0			9.5	9.3	8.1			6.9	6.9	6.6			7.3	6.8	6.3			20.0
22.0	7.3	8.2	7.6	6.9	6.3	6.4	6.0	5.6	5.4		7.5	8.3	7.8	6.9		6.9	6.8	6.2	5.9		6.9	6.5	6.0			22.0
24.0	5.7	6.5	7.3	6.7	6.2	6.0	5.7	5.3	5.1	5.0	5.8	6.6	7.5	6.8	6.2	6.8	6.4	6.0	5.7	5.6	6.0	6.2	5.7	5.4	5.3	24.0
26.0	4.4	5.1	6.0	6.5		5.6	5.3	5.0	4.9	4.8	4.5	5.2	6.1	6.6	6.1	5.5	6.1	5.7	5.5	5.4	4.7	5.4	5.4	5.2	5.1	26.0
28.0		3.9	4.7	5.3		5.3	5.0	4.8	4.6			4.0	4.8	5.4		4.3	4.9	5.5	5.2				5.0	5.0	4.9	28.0
30.0			3.6	4.1		4.3	4.7	4.5	4.4					4.3		3.4	3.9	4.5	5.0					4.5		30.0
32.0						3.5	3.9	4.3	4.2									3.6	4.0							32.0
34.0						2.8	3.1	3.6	3.8										3.2							34.0
36.0							2.5	2.8	3.1																	36.0
38.0								2.2																		38.0
40.0																										40.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	66~83.5	66~83.5	67~83.5	69~83.5	77~83.5	58~83.5	58~83.5	57~83.5	61~83.5	75~83.5	69~83.5	69~83.5	72~83.5	71~83.5	77~83.5	65~83.5	67~83.5	67~83.5	66~83.5	77~83.5	71~83.5	73~83.5	74~83.5	73~83.5	76~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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10.0																10.0
11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0			4.6	4.6				22.0
24.0	5.5	5.2	4.9	4.7		5.3	5.0	4.7	4.5		4.6	4.6	4.4			24.0
26.0	5.2	5.0	4.7	4.5	4.4	5.0	4.8	4.5	4.3	4.2		4.4	4.2	4.0		26.0
28.0	4.5	4.7	4.4	4.3	4.2		4.5	4.3	4.1	4.1			4.0	3.8	3.8	28.0
30.0		4.1	4.2	4.1				4.0	3.9	3.9				3.6	3.6	30.0
32.0			3.8	3.9												32.0
34.0				3.4												34.0
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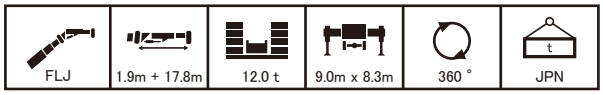
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	69~83.5	69~83.5	70~83.5	69~83.5	76~83.5	73~83.5	73~83.5	74~83.5	75~83.5	76~83.5	76~83.5	76~83.5	76~83.5	76~83.5	77~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5																										4.5
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.6	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.9	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		6.3	6.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				5.2	5.3	5.1	5.0		5.4	5.3	5.1	5.0		5.4	5.3	5.1	5.0		4.9	5.7	5.3	5.1		26.0
28.0	3.5	3.8				4.1	4.7	4.9	4.9		5.0	5.0	4.9	4.9		5.0	5.0	4.8	4.8		3.8	4.5	5.1	4.9		28.0
30.0						3.2	3.7	4.3			4.6	4.7	4.7			4.6	4.7	4.5	4.5		2.9	3.4	4.2	4.7		30.0
32.0						2.4	2.8	3.3			3.8	4.2	4.6			4.3	4.4	4.3				2.6	3.2	3.6		32.0
34.0						1.6	2.0	2.5			3.1	3.4	3.8			4.0	4.1	4.0					2.3			34.0
36.0											2.5	2.8				3.3	3.5									36.0
38.0											1.9	2.1				2.8	2.9									38.0
40.0											1.4					2.3	2.4									40.0
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50.0																										50.0
54.0																										54.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		41~83.5	44~83.5	48~83.5	63~83.5		25~83.5	34~83.5	48~83.5	63~83.5		27~83.5	29~83.5	49~83.5	59~83.5		54~83.5	54~83.5	54~83.5	59~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.6	8.1				18.0
20.0	7.6	6.9	6.2	5.6		8.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			8.7	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	7.5	6.8	6.0	5.5		7.5	6.8	6.0	5.5		6.3	5.9	5.5	5.3		7.8	7.1	6.2	5.5		22.0
24.0	6.4	6.0	5.6	5.2	4.9	6.2	6.4	5.8	5.3		6.9	6.4	5.8	5.3		5.8	5.5	5.2	5.0	5.0	6.1	6.7	5.9	5.4	4.9	24.0
26.0	5.9	5.7	5.3	5.1		4.9	5.6	5.5	5.2		5.9	6.0	5.5	5.2		5.5	5.2	4.9	4.8	4.7	4.8	5.6	5.7	5.2	4.8	26.0
28.0	5.5	5.3	5.1	4.9		3.8	4.4	5.3	5.0		4.8	5.4	5.3	5.0		5.1	4.9	4.6	4.5		3.7	4.4	5.4	5.1		28.0
30.0	4.6	5.0	4.9	4.9		2.8	3.4	4.2	4.8		3.9	4.4	5.1	4.9		4.8	4.6	4.4	4.3			3.4	4.2	4.9		30.0
32.0	3.8	4.2	4.7	4.8				3.2	3.7		3.1	3.5	4.1	4.6		4.4	4.4	4.2	4.1				3.3	3.8		32.0
34.0	3.1	3.4	3.9						2.8		2.3	2.8	3.3	3.6		3.7	4.1	4.0	3.9							34.0
36.0	2.5	2.8	3.1									2.1	2.6			3.1	3.4	3.8								36.0
38.0	1.9	2.2	2.5													2.5	2.8	3.1								38.0
40.0	1.4	1.6														2.0	2.3	2.5								40.0
42.0																1.5	1.8	2.0								42.0
44.0																	1.3									44.0
46.0																										46.0
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50.0																										50.0
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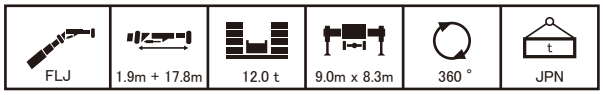
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	36~83.5	39~83.5	46~83.5	60~83.5	75~83.5	58~83.5	61~83.5	61~83.5	60~83.5		52~83.5	52~83.5	55~83.5	61~83.5		40~83.5	39~83.5	45~83.5	61~83.5	75~83.5	64~83.5	64~83.5	65~83.5	67~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	9.0	7.9	6.6			6.1	5.8				8.0	7.7				6.4	6.4				5.9	5.9				20.0
22.0	7.9	7.4	6.3			5.9	5.5	5.1			8.0	7.4	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0	6.2	7.0	6.1	5.4		5.5	5.2	4.9	4.7		6.3	7.2	6.4			6.3	5.8	5.4			5.9	5.6	5.2			24.0
26.0	4.9	5.7	5.8	5.3	4.9	5.2	4.9	4.6	4.4	4.4	5.0	5.8	6.1	5.5		5.9	5.6	5.1	4.9		5.4	5.3	4.9	4.7		26.0
28.0	3.8	4.5	5.5	5.2	4.8	4.9	4.7	4.4	4.2	4.2		4.6	5.6	5.4	4.9	4.8	5.3	4.9	4.7	4.6	4.3	5.0	4.7	4.5	4.4	28.0
30.0			4.4	5.0		4.7	4.4	4.2	4.0				4.5	5.2	4.9	3.8	4.4	4.7	4.5	4.5			4.5	4.3	4.3	30.0
32.0			3.4	4.0		3.9	4.2	4.0	3.8					4.1			3.5	4.2	4.4				3.9	4.2	4.1	32.0
34.0						3.2	3.6	3.8	3.7									3.4	3.9							34.0
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38.0							2.3	2.8	3.0																	38.0
40.0								2.2	2.4																	40.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	66~83.5	69~83.5	67~83.5	70~83.5	76~83.5	58~83.5	58~83.5	58~83.5	60~83.5	76~83.5	71~83.5	71~83.5	72~83.5	72~83.5	76~83.5	67~83.5	67~83.5	68~83.5	68~83.5	75~83.5	71~83.5	73~83.5	72~83.5	74~83.5	75~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
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10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	5.5					4.8										16.0
18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8				4.3	4.3				22.0
24.0	5.1	4.8	4.5			4.8	4.6	4.3			4.3	4.3				24.0
26.0	4.9	4.6	4.3	4.1		4.7	4.4	4.1			4.3	4.1	3.8			26.0
28.0	4.6	4.3	4.1	3.9	3.9		4.2	3.9	3.8			3.9	3.7			28.0
30.0	3.9	4.1	3.9	3.7	3.7			3.7	3.6	3.5			3.5	3.4		30.0
32.0		3.7	3.7	3.6	3.5				3.4	3.4				3.2		32.0
34.0			3.5	3.4												34.0
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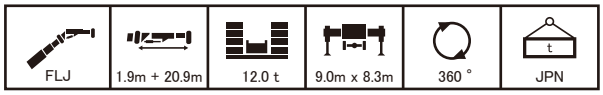
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100		5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16		ID
[DEG]	69~83.5	70~83.5	71~83.5	70~83.5	75~83.5	74~83.5	75~83.5	76~83.5	76~83.5	77~83.5	75~83.5	76~83.5	77~83.5	77~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

フルオートラフィングジブ



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8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		5.6	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		5.4	5.1	4.7	4.3		26.0
28.0	3.2	3.4	3.7			4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.8	4.5	4.2		28.0
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32.0	2.7					3.1	3.6	4.0	3.9		3.9	3.9	4.0	3.9		3.9	3.9	4.0	3.9		2.8	3.4	4.1	4.0		32.0
34.0						2.3	2.8	3.4			3.6	3.7	3.8			3.6	3.7	3.7				2.6	3.3	3.8		34.0
36.0						1.7	2.1	2.6			3.1	3.4	3.7			3.4	3.5	3.5					2.5			36.0
38.0								1.9			2.5	2.8	3.1			3.2	3.4	3.3								38.0
40.0											2.0	2.2				2.7	2.9									40.0
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44.0																1.9										44.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		43~83.5	46~83.5	46~83.5	61~83.5	75~83.5	29~83.5	32~83.5	46~83.5	61~83.5	75~83.5	24~83.5	33~83.5	47~83.5	62~83.5		55~83.5	55~83.5	56~83.5	62~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1			5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		5.6	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			5.6	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	5.6	5.4	4.9	4.4	3.9	5.6	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4		5.5	5.6	5.0	4.5		26.0
28.0	5.0	4.8	4.5	4.2	3.8	4.5	5.1	4.7	4.3	3.9	5.4	5.1	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9	4.4	5.2	4.8	4.4	3.9	28.0
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32.0	4.3	4.2	4.1	4.0		2.7	3.3	4.2	4.1		3.6	4.2	4.3	4.1		4.3	4.1	3.9	3.8			3.3	4.2	4.1		32.0
34.0	3.6	4.0	4.0	3.9				3.3	3.9		2.9	3.4	4.1	4.0		4.0	3.8	3.7	3.6				3.3	3.9		34.0
36.0	3.0	3.4	3.8	3.9				2.5	3.0		2.3	2.7	3.3	3.7		3.4	3.6	3.5	3.4					3.1		36.0
38.0	2.4	2.8	3.2									2.1	2.6	3.0		2.9	3.2	3.3	3.3							38.0
40.0	1.9	2.2	2.6										2.0			2.4	2.7	3.0								40.0
42.0	1.4	1.7	2.0													1.9	2.2	2.5								42.0
44.0		1.2														1.5	1.7	2.0								44.0
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[DEG]	38~83.5	37~83.5	44~83.5	59~83.5	74~83.5	58~83.5	62~83.5	60~83.5	62~83.5	76~83.5	53~83.5	54~83.5	54~83.5	59~83.5	76~83.5	42~83.5	41~83.5	43~83.5	60~83.5	74~83.5	64~83.5	65~83.5	66~83.5	66~83.5	75~83.5	[DEG]
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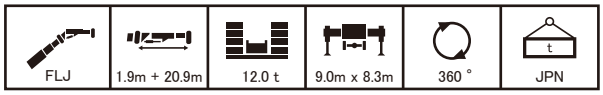
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	5.6	5.6	5.2			5.1	4.8	4.5			5.6	5.6	5.1			5.4	5.3	4.9			5.0	5.0				24.0
26.0	5.6	5.6	5.0	4.5		4.8	4.6	4.3			5.6	5.6	4.9			5.4	5.1	4.7			5.0	4.9	4.5			26.0
28.0	4.5	5.3	4.9	4.4		4.6	4.3	4.0	3.9		4.5	5.4	4.8	4.5		5.2	4.9	4.5	4.3		4.7	4.7	4.3			28.0
30.0		4.3	4.7	4.3	3.9	4.3	4.1	3.8	3.7	3.7		4.3	4.7	4.4	3.9	4.2	4.6	4.3	4.1	3.9		4.5	4.1	3.9		30.0
32.0			4.3	4.2	3.8	4.1	3.9	3.7	3.5	3.5			4.4	4.3	3.8	3.4	4.0	4.1	4.0	3.8			4.0	3.8	3.8	32.0
34.0			3.4	4.0		3.5	3.7	3.5	3.4					4.2	3.8		3.2	4.0	3.8	3.8				3.7	3.6	34.0
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40.0								2.7	3.0																	40.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	68~83.5	69~83.5	69~83.5	69~83.5	75~83.5	59~83.5	62~83.5	63~83.5	62~83.5	75~83.5	70~83.5	71~83.5	73~83.5	74~83.5	75~83.5	67~83.5	68~83.5	69~83.5	69~83.5	75~83.5	72~83.5	73~83.5	75~83.5	75~83.5	77~83.5	[DEG]
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	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

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12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5				4.3	4.3				4.0	4.0				24.0
26.0	4.5	4.2	4.0			4.3	4.1				4.0	3.8				26.0
28.0	4.3	4.0	3.8			4.1	3.9	3.6				3.6	3.4			28.0
30.0	4.1	3.8	3.6	3.5			3.7	3.5					3.2			30.0
32.0		3.6	3.4	3.3	3.3			3.3	3.2				3.1	3.0		32.0
34.0			3.3	3.2	3.1				3.0	3.0				2.8		34.0
36.0			3.1	3.0						2.9						36.0
38.0																38.0
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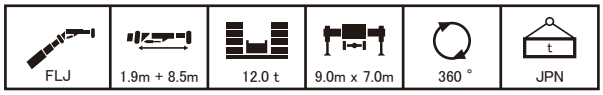
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100		5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16		ID
[DEG]	71~83.5	72~83.5	71~83.5	74~83.5	76~83.5	74~83.5	75~83.5	76~83.5	77~83.5	76~83.5	76~83.5	77~83.5	77~83.5	78~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

フルオートラフィングジブ



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3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
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12.0	12.4	12.2	12.0	11.8		17.5	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		18.5	16.4	14.2	12.8	11.8	12.0
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16.0	9.9	10.3	10.8			9.6	10.4	11.3	11.9		11.8	12.4	12.5	11.9		10.7	10.3	9.8	9.6		9.4	10.2	11.2	11.9		16.0
18.0	9.1	9.6				6.9	7.5	8.3	8.8		9.0	9.5	10.1	10.5		9.7	9.4	9.0	8.8		6.7	7.4	8.2	8.8		18.0
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22.0						3.3	3.7	4.2			5.3	5.6	6.0			6.5	6.7	7.1			3.1	3.6	4.1	4.4		22.0
24.0							2.4	2.7			4.0	4.2	4.5			5.1	5.3	5.6								24.0
26.0											2.9	3.1	3.3			4.0	4.2	4.4								26.0
28.0											2.0	2.2				3.1	3.2									28.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		51~83.5	48~83.5	50~83.5	61~83.5	78~83.5	37~83.5	31~83.5	45~83.5	61~83.5	78~83.5	23~83.5	32~83.5	46~83.5	61~83.5		56~83.5	58~83.5	60~83.5	61~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
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7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		21.4	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			21.3	18.8				11.0
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16.0	12.0	12.6	13.1	12.2		9.5	10.3	11.3	12.1	11.5	11.1	11.8	12.7	12.4	11.7	10.0	9.8	9.2	8.9	8.8	9.7	10.5	11.6	12.4	11.7	16.0
18.0	9.2	9.7	10.4	10.8		6.8	7.5	8.3	9.0		8.4	8.9	9.7	10.2		9.1	8.9	8.6	8.3		7.0	7.7	8.6	9.2		18.0
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22.0	5.5	5.8	6.3	6.5				4.3	4.7		4.7	5.1	5.6	5.9		6.4	6.7	7.1	7.3				4.5	4.9		22.0
24.0	4.2	4.5	4.8								3.4	3.7	4.1	4.4		5.0	5.3	5.6	5.8							24.0
26.0	3.1	3.3	3.6										2.9			3.9	4.2	4.4								26.0
28.0	2.2	2.4	2.6													3.0	3.2	3.4								28.0
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[DEG]	45~83.5	42~83.5	48~83.5	62~83.5	77~83.5	64~83.5	65~83.5	64~83.5	65~83.5	76~83.5	58~83.5	59~83.5	57~83.5	62~83.5	76~83.5	48~83.5	45~83.5	46~83.5	63~83.5	76~83.5	67~83.5	68~83.5	67~83.5	68~83.5	78~83.5	[DEG]
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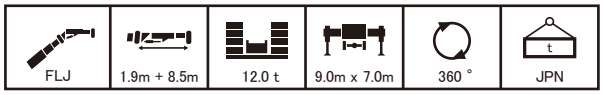

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9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5						12.0									11.0
12.0	17.0	16.7				11.0	10.4				13.5						12.0	11.5			10.8					12.0
14.0	13.7	14.7	14.7			10.1	9.6	9.1			13.4	13.1					11.2	10.7	10.0		10.6	10.1				14.0
16.0	10.0	10.8	11.8	12.6	11.7	9.3	9.0	8.4	8.1	8.0	10.4	11.1	11.8	11.6		10.3	10.0	9.4	9.0	8.8	9.8	9.5	8.9			16.0
18.0	7.3	8.0	8.8	9.5	9.8	8.7	8.4	7.9	7.6	7.5	7.6	8.3	9.2	9.8	10.2	8.5	9.1	8.9	8.6	8.4	8.0	8.6	8.5	8.1	8.0	18.0
20.0	5.2	5.8	6.5	7.1		7.5	7.8	7.4	7.2		5.6	6.1	6.9	7.4	7.7	6.4	6.9	7.6	8.1	8.1	5.9	6.5	7.2	7.7	7.6	20.0
22.0			4.8	5.2		5.8	6.2	6.7	6.8				5.1	5.5		4.8	5.2	5.8	6.2				5.4	5.8	6.1	22.0
24.0						4.5	4.8	5.3	5.5									4.4	4.7							24.0
26.0						3.4	3.7	4.1	4.3																	26.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	69~83.5	71~83.5	70~83.5	71~83.5	77~83.5	62~83.5	64~83.5	62~83.5	63~83.5	77~83.5	71~83.5	73~83.5	72~83.5	73~83.5	76~83.5	69~83.5	70~83.5	70~83.5	71~83.5	76~83.5	73~83.5	75~83.5	74~83.5	75~83.5	76~83.5	[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0	8.7															12.0
14.0	8.7	8.6				8.5					5.6					14.0
16.0	8.5	8.0	7.6			8.0	7.6				5.6	5.6				16.0
18.0	7.9	7.5	7.1	6.9	6.8	7.5	7.2	6.8	6.6		5.6	5.6	5.6			18.0
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22.0	5.3	5.7	6.3	6.2	6.1			5.9	5.9	5.8				5.4	5.4	22.0
24.0			4.8	5.2												24.0
26.0																26.0
28.0																28.0
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46.0																46.0
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50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
1	46	46	46	46	46	93	93	93	93	93	100	100	100	100	100	1
2	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	2
3	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100	100	5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16	16	ID
[DEG]	71~83.5	73~83.5	72~83.5	73~83.5	76~83.5	75~83.5	76~83.5	76~83.5	77~83.5	77~83.5	78~83.5	77~83.5	79~83.5	78~83.5	79~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

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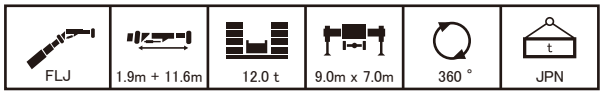

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0	14.6																									4.0
4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		13.0	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		14.1	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		10.8	10.7	9.7	9.0	8.3	11.7	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		10.6	11.4	10.0	9.1		16.0
18.0	7.3	7.6	7.9			8.1	8.9	9.2	8.7		10.0	9.9	9.2	8.7		8.9	8.5	8.1	7.9		7.9	8.7	9.5	8.8		18.0
20.0	6.7	7.1				6.0	6.7	7.6	8.2		7.9	8.4	8.8	8.4		8.1	7.8	7.5	7.3		5.8	6.5	7.5	8.2		20.0
22.0	6.1					4.4	4.9	5.7	6.2		6.2	6.6	7.2	7.6		7.2	7.2	7.0	6.8		4.1	4.8	5.6	6.1		22.0
24.0						3.1	3.5	4.1			4.8	5.2	5.7			5.8	6.2	6.5				3.4	4.0	4.5		24.0
26.0							2.4	2.8			3.7	4.0	4.4			4.7	5.0	5.3					2.8			26.0
28.0											2.8	3.1	3.3			3.8	4.0	4.2								28.0
30.0											2.0	2.2				3.0	3.1									30.0
32.0											1.3	1.5				2.3	2.4									32.0
34.0																1.7										34.0
36.0																										36.0
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40.0																										40.0
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50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
% 1	0	0	0	0		93	93	93	93	93	0	0	0	0	0	0	0	0	0		93	93	93	93		1
% 2	0	0	0	0		46	46	46	46	46	0	0	0	0	0	0	0	0	0		93	93	93	93		2
% 3	0	0	0	0		0	0	0	0	0	93	93	93	93	93	0	0	0	0		0	0	0	0		3
% 4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
% 5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		52~83.5	50~83.5	52~83.5	63~83.5	76~83.5	33~83.5	35~83.5	48~83.5	63~83.5	76~83.5	27~83.5	35~83.5	48~83.5	64~83.5		60~83.5	59~83.5	58~83.5	63~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		14.4	12.9	10.8			14.6	12.9	10.8			10.1	9.5	8.9			14.5	13.4	11.1			14.0
16.0	12.8	11.4	10.0	9.1	8.4	10.6	11.7	10.3	9.3	8.4	12.0	12.0	10.3	9.3	8.4	9.3	8.8	8.2	7.9		10.7	11.7	10.6	9.4		16.0
18.0	10.1	10.6	9.5	8.8	8.3	7.9	8.8	9.8	9.0	8.3	9.2	10.0	9.8	9.0	8.3	8.6	8.1	7.7	7.4		7.9	8.8	10.0	9.1	8.3	18.0
20.0	7.9	8.5	9.1	8.6		5.8	6.6	7.6	8.3		7.1	7.7	8.6	8.8		7.9	7.6	7.1	6.9		5.8	6.6	7.6	8.4	8.3	20.0
22.0	6.2	6.7	7.4	7.8		4.2	4.8	5.7	6.3		5.4	6.0	6.7	7.3		6.9	7.1	6.7	6.5			4.9	5.8	6.4		22.0
24.0	4.9	5.3	5.8	6.2				4.2	4.7		4.1	4.6	5.2	5.6		5.6	6.0	6.3	6.1				4.2	4.8		24.0
26.0	3.8	4.1	4.6	4.8					3.3		3.0	3.4	4.0	4.3		4.4	4.8	5.2	5.5							26.0
28.0	2.9	3.2	3.5										2.9	3.2		3.5	3.8	4.2	4.4							28.0
30.0	2.1	2.3	2.6													2.7	3.0	3.3								30.0
32.0		1.6	1.8													2.0	2.3	2.5								32.0
34.0																	1.6	1.8								34.0
36.0																										36.0
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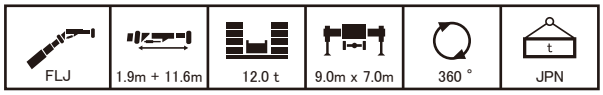
62.0																										62.0
% 1	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	0	0	0	0		93	93	93	93	93	1
% 2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0		93	93	93	93	93	2
% 3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46		93	93	93	93	93	3
% 4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93		0	0	0	0	0	4
% 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	46~83.5	44~83.5	46~83.5	60~83.5	75~83.5	63~83.5	65~83.5	65~83.5	63~83.5	77~83.5	58~83.5	60~83.5	59~83.5	60~83.5	77~83.5	49~83.5	47~83.5	49~83.5	61~83.5		69~83.5	68~83.5	68~83.5	70~83.5	77~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	13.7	13.7				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	10.9	11.9	10.8			8.5	8.0	7.5			11.1	11.3				9.5	9.0				9.1	8.5				16.0
18.0	8.1	9.0	10.2	9.2	8.4	7.9	7.5	7.0	6.7		8.3	9.2	10.2			8.9	8.5	7.8			8.5	8.0	7.5			18.0
20.0	6.0	6.8	7.8	8.6	8.3	7.4	7.0	6.6	6.3	6.2	6.2	7.0	8.0	8.8	8.3	7.0	7.7	7.4	7.1	7.0	6.5	7.2	7.1	6.8		20.0
22.0		5.1	6.0	6.6	7.0	6.6	6.6	6.2	6.0	5.9		5.2	6.1	6.8	7.2	5.3	6.0	6.8	6.8	6.7		5.5	6.4	6.5	6.3	22.0
24.0			4.4	5.0		5.2	5.7	5.9	5.7					5.2	5.5		4.6	5.3	5.8	6.1				5.4	5.8	24.0
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28.0						3.1	3.5	4.0	4.3																	28.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	71~83.5	71~83.5	70~83.5	72~83.5	76~83.5	62~83.5	64~83.5	64~83.5	65~83.5	76~83.5	73~83.5	73~83.5	75~83.5	74~83.5	75~83.5	71~83.5	71~83.5	71~83.5	72~83.5	75~83.5	75~83.5	74~83.5	77~83.5	76~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0	7.5					6.8										14.0
16.0	7.5	7.3				6.8	6.8				5.1					16.0
18.0	7.2	6.8	6.4			6.8	6.5				5.1	5.1				18.0
20.0	6.8	6.4	6.0	5.8		6.5	6.1	5.8			5.1	5.1	5.1			20.0
22.0	5.8	6.1	5.7	5.5	5.4		5.8	5.5	5.2	5.2			5.1	4.9		22.0
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26.0			4.4	4.9												26.0
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42.0																42.0
44.0																44.0
46.0																46.0
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62.0																62.0
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3	93	93	93	93	93	93	93	93	93	93	100	100	100	100		3
4	93	93	93	93	93	93	93	93	93	93	100	100	100	100		4
5	93	93	93	93	93	93	93	93	93	93	100	100	100	100		5
ID	23	23	23	23	23	24	24	24	24	24	16	16	16	16		ID
[DEG]	73~83.5	73~83.5	73~83.5	74~83.5	77~83.5	76~83.5	76~83.5	77~83.5	78~83.5	78~83.5	77~83.5	79~83.5	79~83.5	79~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

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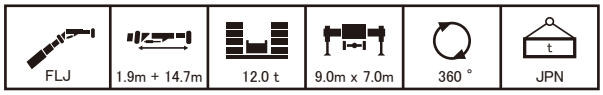

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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3.5																										3.5
4.0																										4.0
4.5	13.9																									4.5
5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.8	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			10.6	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		8.9	8.2	7.4	6.9		8.9	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	8.7	8.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			6.8	7.6	7.1	6.6		8.1	7.6	7.1	6.6		7.6	7.2	6.9	6.6	6.2	6.5	7.5	7.3	6.8	6.3	20.0
22.0	5.1	5.4	5.8			5.2	5.9	6.7	6.4		6.8	7.1	6.7	6.4		7.0	6.7	6.4	6.2		4.9	5.7	6.7	6.6		22.0
24.0	4.7	5.1				3.8	4.5	5.3	5.9		5.5	6.0	6.4	6.3		6.4	6.2	5.9	5.8		3.6	4.2	5.1	5.8		24.0
26.0	4.4					2.7	3.3	3.9	4.4		4.3	4.8	5.3	5.7		5.2	5.6	5.6	5.5			3.1	3.8	4.4		26.0
28.0							2.3	2.8			3.4	3.8	4.2			4.3	4.6	5.0					2.7	3.2		28.0
30.0											2.6	2.9	3.3			3.5	3.7	4.1								30.0
32.0											1.9	2.2	2.4			2.8	3.0	3.2								32.0
34.0											1.3	1.5				2.2	2.4									34.0
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38.0																1.2										38.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		52~83.5	51~83.5	55~83.5	61~83.5		35~83.5	37~83.5	45~83.5	61~83.5		23~83.5	32~83.5	46~83.5	62~83.5	75~83.5	60~83.5	59~83.5	59~83.5	61~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
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11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				13.5	11.0				14.0
16.0	10.6	9.4	8.1			11.4	9.8	8.3			11.4	9.8	8.3			6.9	6.9	6.9			11.4	10.2				16.0
18.0	9.7	8.7	7.7	7.0		8.6	9.1	7.9	7.1		9.9	9.1	7.9	7.1		6.9	6.9	6.9			8.6	9.6	8.1			18.0
20.0	8.5	8.1	7.3	6.8		6.5	7.5	7.6	6.9	6.3	7.7	8.5	7.6	6.9	6.3	6.9	6.9	6.4	6.2		6.5	7.5	7.8	7.0	6.3	20.0
22.0	6.8	7.4	7.0	6.6		4.9	5.7	6.8	6.7	6.2	6.0	6.7	7.2	6.7	6.2	6.8	6.4	6.0	5.8		4.9	5.7	6.8	6.8	6.2	22.0
24.0	5.5	6.0	6.7	6.4		3.5	4.3	5.2	5.9		4.7	5.3	6.1	6.5		6.2	6.0	5.7	5.5			4.3	5.2	6.0	6.2	24.0
26.0	4.3	4.8	5.4	5.8				3.9	4.5		3.6	4.1	4.8	5.3		5.1	5.5	5.3	5.2				3.9	4.6		26.0
28.0	3.4	3.8	4.3	4.7					3.3		2.6	3.1	3.7	4.2		4.1	4.5	5.0	4.9							28.0
30.0	2.6	3.0	3.4										2.8	3.2		3.3	3.6	4.1	4.4							30.0
32.0	1.9	2.2	2.6													2.6	2.9	3.3	3.5							32.0
34.0			1.9													2.0	2.3	2.6								34.0
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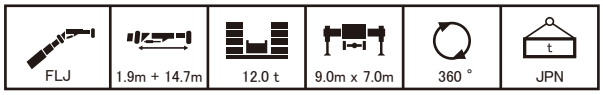
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	47~83.5	50~83.5	48~83.5	62~83.5		63~83.5	66~83.5	66~83.5	65~83.5	76~83.5	58~83.5	60~83.5	60~83.5	62~83.5	76~83.5	50~83.5	48~83.5	51~83.5	59~83.5		68~83.5	68~83.5	69~83.5	71~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



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11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	11.3	10.6				6.9	6.9				9.6	9.6				6.9	6.9				7.8					16.0
18.0	8.8	9.9	8.3			6.9	6.8	6.3			8.9	9.6				6.9	6.9				7.7	7.2				18.0
20.0	6.7	7.6	7.9	7.0		6.8	6.4	6.0			6.8	7.7	8.1			6.9	6.9	6.6			7.0	6.8	6.3			20.0
22.0	5.0	5.8	7.0	6.9	6.3	6.4	6.0	5.6	5.4			6.0	7.1	6.9		6.1	6.8	6.2	5.9			6.2	6.0			22.0
24.0		4.4	5.4	6.2	6.2	5.7	5.7	5.3	5.1	5.0			5.5	6.3	6.2	4.7	5.4	6.0	5.7	5.6				5.7	5.4	5.3	24.0
26.0				4.8		4.5	5.0	5.0	4.9	4.8				4.9	5.3		4.2	5.0	5.5	5.4					5.1	5.1	26.0
28.0						3.6	4.0	4.6	4.6									3.9	4.5								28.0
30.0						2.8	3.2	3.7	4.1																		30.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32	32	32	ID
[DEG]	70~83.5	71~83.5	74~83.5	73~83.5	77~83.5	62~83.5	65~83.5	65~83.5	66~83.5	75~83.5	74~83.5	75~83.5	76~83.5	75~83.5	77~83.5	71~83.5	71~83.5	71~83.5	73~83.5	77~83.5	76~83.5	76~83.5	77~83.5	77~83.5	78~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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11.0																11.0
12.0																12.0
14.0	6.4															14.0
16.0	6.4					5.8					4.6					16.0
18.0	6.4	6.2				5.8	5.8				4.6					18.0
20.0	6.2	5.9				5.8	5.6				4.6	4.6				20.0
22.0	5.9	5.5	5.2			5.6	5.3	5.0				4.6				22.0
24.0	4.9	5.2	4.9	4.7				4.7	4.5							24.0
26.0		4.4	4.7	4.5	4.4				4.3	4.2						26.0
28.0			4.1	4.3	4.2					4.1						28.0
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34.0																34.0
36.0																36.0
38.0																38.0
40.0																40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
54.0																54.0
58.0																58.0
62.0																62.0
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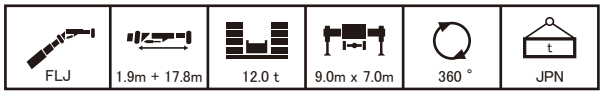
2	93	93	93	93	93	93	93	93	93	93	100	100				2
3	93	93	93	93	93	93	93	93	93	93	100	100				3
4	93	93	93	93	93	93	93	93	93	93	100	100				4
5	93	93	93	93	93	93	93	93	93	93	100	100				5
ID	23	23	23	23	23	24	24	24	24	24	16	16				ID
[DEG]	73~83.5	73~83.5	74~83.5	75~83.5	76~83.5	76~83.5	78~83.5	79~83.5	79~83.5	78~83.5	78~83.5	79~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.7	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			8.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.2	6.9	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		5.9	6.0	5.7	5.3		6.4	6.0	5.7	5.3		6.4	6.0	5.7	5.3		5.5	6.4	5.8	5.4	4.9	22.0
24.0	4.1	4.3	4.6			4.5	5.3	5.4	5.1		5.8	5.6	5.4	5.1		5.8	5.6	5.4	5.1		4.2	5.0	5.6	5.2	4.9	24.0
26.0	3.7	4.1				3.4	4.0	4.9	5.0		4.9	5.3	5.1	5.0		5.4	5.3	5.1	5.0		3.1	3.8	4.8	5.1		26.0
28.0	3.5	3.8				2.4	3.0	3.8	4.3		3.9	4.4	4.9	4.9		4.7	5.0	4.8	4.8			2.8	3.6	4.3		28.0
30.0							2.1	2.8			3.1	3.5	4.0			3.9	4.3	4.5	4.5				2.6	3.2		30.0
32.0											2.4	2.8	3.2			3.2	3.5	3.9								32.0
34.0											1.8	2.1	2.4			2.6	2.9	3.2								34.0
36.0											1.2	1.5				2.1	2.3									36.0
38.0																1.6	1.8									38.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		52~83.5	52~83.5	56~83.5	63~83.5		37~83.5	40~83.5	48~83.5	63~83.5		26~83.5	28~83.5	48~83.5	59~83.5		60~83.5	60~83.5	60~83.5	63~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				10.3	8.7				16.0
18.0	8.3	7.4	6.5			9.0	7.8	6.7			9.0	7.8	6.7			6.7	6.7				9.2	8.1				18.0
20.0	7.6	6.9	6.2	5.6		7.2	7.3	6.3			8.2	7.3	6.3			6.7	6.3	5.9			7.1	7.6	6.5			20.0
22.0	6.9	6.4	5.8	5.4	4.9	5.5	6.5	6.0	5.5		6.6	6.8	6.0	5.5		6.3	5.9	5.5	5.3		5.4	6.4	6.2	5.5		22.0
24.0	6.0	6.0	5.6	5.2	4.9	4.1	5.0	5.8	5.3		5.2	5.9	5.8	5.3		5.8	5.5	5.2	5.0	5.0	4.1	4.9	5.9	5.4	4.9	24.0
26.0	4.8	5.4	5.3	5.1			3.8	4.8	5.2		4.1	4.7	5.5	5.2		5.5	5.2	4.9	4.8	4.7			4.8	5.2	4.8	26.0
28.0	3.9	4.4	5.0	4.9				3.6	4.3		3.1	3.7	4.5	5.0		4.5	4.9	4.6	4.5				3.7	4.4		28.0
30.0	3.1	3.5	4.1	4.5					3.3			2.8	3.5	4.0		3.7	4.1	4.4	4.3							30.0
32.0	2.4	2.8	3.2	3.6									2.7	3.1		3.0	3.4	3.9	4.1							32.0
34.0	1.8	2.1	2.5													2.4	2.7	3.1	3.4							34.0
36.0			1.9													1.8	2.1	2.5								36.0
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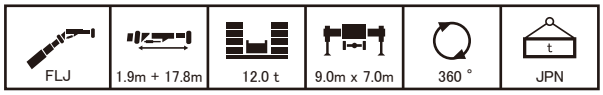
5	0	0	0	0	0	0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	48~83.5	51~83.5	50~83.5	60~83.5	75~83.5	65~83.5	66~83.5	67~83.5	66~83.5		60~83.5	61~83.5	61~83.5	64~83.5		50~83.5	53~83.5	52~83.5	61~83.5	75~83.5	68~83.5	71~83.5	70~83.5	72~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	9.3					6.1					8.0					6.4					5.9					14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	9.3	8.3				6.1	6.1				8.0	8.0				6.4	6.4				5.9					18.0
20.0	7.2	7.9	6.6			6.1	5.8				7.3	7.7				6.4	6.4				5.9	5.9				20.0
22.0	5.5	6.5	6.3			5.9	5.5	5.1			5.6	6.6	6.6			6.4	6.1	5.6			5.9	5.9				22.0
24.0		5.1	6.1	5.4		5.5	5.2	4.9	4.7			5.1	6.3			5.2	5.8	5.4				5.5	5.2			24.0
26.0			4.9	5.3	4.9	4.9	4.9	4.6	4.4	4.4			5.0	5.5			4.7	5.1	4.9				4.9	4.7		26.0
28.0				4.5	4.8	4.0	4.5	4.4	4.2	4.2				4.6				4.6	4.7	4.6				4.5	4.4	28.0
30.0						3.1	3.6	4.2	4.0										4.2	4.5					4.3	30.0
32.0							2.9	3.5	3.8																	32.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81		31	31	31	31	31	32	32	32	32	32	ID
[DEG]	72~83.5	73~83.5	74~83.5	74~83.5	76~83.5	65~83.5	65~83.5	66~83.5	68~83.5	76~83.5	74~83.5	75~83.5	76~83.5	76~83.5		72~83.5	73~83.5	74~83.5	74~83.5	75~83.5	76~83.5	76~83.5	78~83.5	78~83.5	77~83.5	[DEG]
	2	2	2	2	2	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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12.0																12.0
14.0																14.0
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18.0	5.5					4.8					4.3					18.0
20.0	5.5	5.4				4.8	4.8				4.3					20.0
22.0	5.4	5.1				4.8	4.8									22.0
24.0	5.1	4.8	4.5				4.6	4.3								24.0
26.0		4.6	4.3	4.1				4.1								26.0
28.0			4.1	3.9	3.9											28.0
30.0				3.7	3.7											30.0
32.0					3.5											32.0
34.0																34.0
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4	93	93	93	93	93	93	93	93			100					4
5	93	93	93	93	93	93	93	93			100					5
ID	23	23	23	23	23	24	24	24			16					ID
[DEG]	74~83.5	75~83.5	76~83.5	76~83.5	75~83.5	77~83.5	78~83.5	79~83.5			79~83.5					[DEG]
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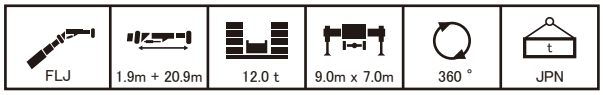
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			8.7t					

フルオートラフィングジブ



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8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		5.6	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			5.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4		4.9	5.4	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9		4.1	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3	3.9	4.9	4.8	4.5	4.3		3.8	4.6	4.7	4.3		26.0
28.0	3.2	3.4	3.7			3.2	3.8	4.3	4.1		4.5	4.5	4.3	4.1		4.5	4.5	4.3	4.1		2.9	3.6	4.5	4.2		28.0
30.0	2.9	3.2				2.3	2.9	3.8	4.0		3.7	4.2	4.1	4.0		4.2	4.2	4.1	4.0			2.7	3.6	4.1		30.0
32.0	2.7						2.2	2.9	3.4		3.0	3.4	4.0	3.9		3.7	3.9	4.0	3.9				2.7	3.3		32.0
34.0								2.1			2.4	2.7	3.2			3.1	3.4	3.7								34.0
36.0											1.8	2.1	2.5			2.5	2.8	3.2								36.0
38.0											1.3	1.6	1.9			2.1	2.3	2.6								38.0
40.0																1.6	1.8									40.0
42.0																1.2	1.4									42.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		53~83.5	54~83.5	54~83.5	61~83.5	75~83.5	39~83.5	42~83.5	46~83.5	61~83.5	75~83.5	30~83.5	33~83.5	47~83.5	62~83.5		60~83.5	61~83.5	62~83.5	65~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1			5.6	5.6	5.4			22.0
24.0	5.6	5.4	4.9	4.5		4.9	5.6	5.1	4.5		5.6	5.6	5.1	4.5		5.4	5.1	4.8			4.8	5.6	5.2			24.0
26.0	5.4	5.1	4.7	4.3	3.9	3.7	4.6	4.9	4.4	3.9	4.7	5.4	4.9	4.4	3.9	5.1	4.8	4.5	4.4			4.5	5.0	4.5		26.0
28.0	4.4	4.8	4.5	4.2	3.8		3.5	4.6	4.3	3.9	3.7	4.4	4.7	4.3	3.9	4.8	4.5	4.3	4.2	3.9			4.6	4.4	3.9	28.0
30.0	3.6	4.1	4.3	4.1				3.6	4.2		2.9	3.5	4.3	4.2		4.1	4.3	4.1	4.0	3.8			3.6	4.2	3.8	30.0
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34.0	2.3	2.7	3.2	3.6									2.7	3.2		2.7	3.1	3.7	3.6							34.0
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38.0			2.0													1.7	2.0	2.4	2.7							38.0
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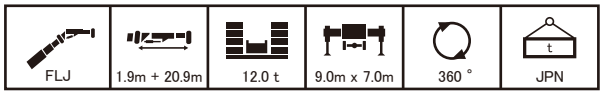
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	49~83.5	52~83.5	52~83.5	58~83.5	74~83.5	65~83.5	66~83.5	68~83.5	68~83.5	76~83.5	61~83.5	62~83.5	63~83.5	62~83.5	76~83.5	51~83.5	54~83.5	55~83.5	60~83.5	74~83.5	70~83.5	71~83.5	71~83.5	71~83.5	75~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	



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11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				20.0
22.0	5.6	5.6				5.1	5.1				5.6	5.6				5.4	5.4				5.0	5.0				22.0
24.0	4.9	5.6	5.2			5.1	4.8	4.5			4.9	5.6	5.1			5.4	5.3	4.9				5.0				24.0
26.0		4.6	5.0	4.5		4.8	4.6	4.3				4.7	4.9			4.4	5.1	4.7				4.8	4.5			26.0
28.0			4.7	4.4		4.3	4.3	4.0	3.9				4.8	4.5			4.2	4.5	4.3				4.3			28.0
30.0				4.3	3.9	3.5	4.1	3.8	3.7	3.7				4.4	3.9			4.2	4.1	3.9						30.0
32.0					3.8	2.8	3.3	3.7	3.5	3.5					3.8				4.0	3.8						32.0
34.0							2.7	3.3	3.4											3.6						34.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	46	46	46			5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81	81	31	31	31	31	31	32	32	32			ID
[DEG]	72~83.5	73~83.5	75~83.5	76~83.5	75~83.5	65~83.5	66~83.5	67~83.5	69~83.5	75~83.5	74~83.5	75~83.5	77~83.5	78~83.5	77~83.5	72~83.5	73~83.5	75~83.5	76~83.5	75~83.5	77~83.5	76~83.5	78~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	60.0	60.0	60.0	60.0	60.0	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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11.0																11.0
12.0																12.0
14.0																14.0
16.0	4.7															16.0
18.0	4.7					4.3					4.0					18.0
20.0	4.7	4.7				4.3					4.0					20.0
22.0	4.7	4.7				4.3	4.3				4.0					22.0
24.0	4.7	4.5					4.3									24.0
26.0	4.5	4.2	4.0													26.0
28.0		4.0	3.8													28.0
30.0			3.6	3.5												30.0
32.0				3.3	3.3											32.0
34.0					3.1											34.0
36.0																36.0
38.0																38.0
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58.0																58.0
62.0																62.0
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3	93	93	93	93	93	93	93				100					3
4	93	93	93	93	93	93	93				100					4
5	93	93	93	93	93	93	93				100					5
ID	23	23	23	23	23	24	24				16					ID
[DEG]	74~83.5	75~83.5	77~83.5	77~83.5	76~83.5	78~83.5	79~83.5				79~83.5					[DEG]
	1	1	1	1	1	1	1				1					
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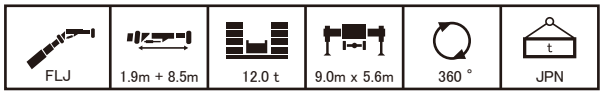

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4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.2	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			18.9	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		15.6	16.3	14.2	12.9	11.8	17.9	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		15.4	16.7	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		12.9	13.9	13.8	12.6	11.7	15.1	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		12.6	13.8	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			8.8	9.7	10.8	11.6		10.9	11.6	12.5	12.2		11.9	11.4	10.8	10.4		8.6	9.5	10.7	11.6	11.6	14.0
16.0	8.6	8.9	9.3			6.0	6.7	7.6	8.2		8.0	8.6	9.3	9.8		9.2	9.7	9.8	9.6		5.8	6.5	7.5	8.2		16.0
18.0	6.5	6.7				3.9	4.5	5.2	5.6		5.9	6.3	6.9	7.3		7.1	7.5	8.0	8.3			4.3	5.1	5.6		18.0
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22.0											3.0	3.3	3.6			4.1	4.3	4.6								22.0
24.0											1.9	2.2	2.4			3.0	3.2	3.5								24.0
26.0																2.1	2.3	2.5								26.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		59~83.5	61~83.5	59~83.5	60~83.5	78~83.5	47~83.5	48~83.5	50~83.5	60~83.5	78~83.5	37~83.5	38~83.5	45~83.5	61~83.5		66~83.5	65~83.5	67~83.5	65~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				23.7	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			19.0	18.6				20.7	18.9				13.5	12.7				19.3	19.6				10.0
11.0	18.2	17.4	14.8	13.2		15.5	16.8	14.9			17.2	18.2	15.1			12.9	12.1	11.3			15.7	17.0				11.0
12.0	15.3	16.2	14.4	13.0	11.9	12.8	13.9	14.5	13.0		14.4	15.4	14.7	13.1		12.2	11.6	10.8			13.0	14.1	15.1			12.0
14.0	11.2	11.9	12.8	12.6	11.7	8.7	9.6	10.8	11.8	11.7	10.3	11.0	12.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	8.9	9.8	11.0	12.0	11.8	14.0
16.0	8.2	8.8	9.5	10.1		5.9	6.6	7.6	8.3	8.8	7.4	8.0	8.9	9.5	9.9	9.1	9.7	9.2	8.9	8.8	6.1	6.8	7.8	8.6	9.0	16.0
18.0	6.1	6.6	7.2	7.6				5.2	5.8		5.3	5.8	6.5	7.0		7.0	7.4	8.0	8.3				5.4	6.1		18.0
20.0	4.4	4.8	5.3	5.7							3.6	4.1	4.7	5.1		5.3	5.7	6.1	6.5							20.0
22.0	3.1	3.5	3.9	4.1										3.5		4.0	4.3	4.7	4.9							22.0
24.0		2.4	2.7													2.9	3.2	3.5	3.7							24.0
26.0																	2.3	2.5								26.0
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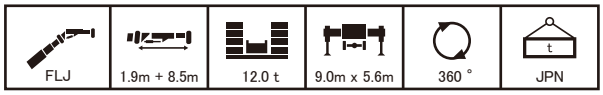
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	56~83.5	54~83.5	56~83.5	61~83.5	77~83.5	69~83.5	71~83.5	70~83.5	71~83.5	75~83.5	63~83.5	65~83.5	67~83.5	65~83.5	76~83.5	58~83.5	56~83.5	58~83.5	62~83.5	76~83.5	71~83.5	73~83.5	72~83.5	74~83.5	77~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
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11.0	16.0					11.5	10.8				13.5					12.0										11.0
12.0	13.2	14.4				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	9.2	10.1	11.3			10.1	9.6	9.1			9.5	10.4				10.4	10.7	10.0			9.9	10.1				14.0
16.0		7.1	8.1	8.8	9.3	8.6	9.0	8.4	8.1	8.0		7.4				7.5	8.2	9.1	9.0	8.8		7.7				16.0
18.0				6.3	6.7	6.4	6.9	7.6	7.6	7.5							6.0	6.7	7.3	7.6						18.0
20.0						4.8	5.2	5.8	6.2										5.4	5.6						20.0
22.0							3.8	4.3	4.6																	22.0
24.0																										24.0
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62.0																										62.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81				31	31	31	31	31	32	32				ID
[DEG]	76~83.5	75~83.5	77~83.5	76~83.5	76~83.5	69~83.5	68~83.5	70~83.5	71~83.5	77~83.5	77~83.5	77~83.5				75~83.5	75~83.5	76~83.5	75~83.5	76~83.5	79~83.5	78~83.5				[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2				2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				26t	26t	26t	26t	26t	26t	26t				

m	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	°
2.5						2.5
3.0						3.0
3.5						3.5
4.0						4.0
4.5						4.5
5.0						5.0
6.0						6.0
7.0						7.0
8.0						8.0
9.0						9.0
10.0						10.0
11.0						11.0
12.0	8.7					12.0
14.0	8.7	8.6				14.0
16.0	8.1	8.0	7.6			16.0
18.0		6.5	7.1	6.9	6.8	18.0
20.0				5.9	6.1	20.0
22.0						22.0
24.0						24.0
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62.0						62.0
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4	93	93	93	93	93	4
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ID	23	23	23	23	23	ID
[DEG]	77~83.5	76~83.5	78~83.5	77~83.5	78~83.5	[DEG]
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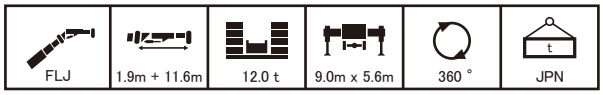
フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.2	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			13.9	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		10.0	11.2	10.2	9.3	8.5	12.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		9.8	11.0	10.6	9.4		14.0
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18.0	7.3	7.6	7.9			5.0	5.8	6.8	7.6		6.8	7.4	8.3	8.7		7.8	8.4	8.1	7.9		4.8	5.6	6.7	7.6		18.0
20.0	5.9	6.2				3.4	4.0	4.9	5.5		5.1	5.7	6.3	6.8		6.1	6.6	7.2	7.3			3.8	4.8	5.5		20.0
22.0	4.5							3.3	3.8		3.8	4.2	4.8	5.2		4.8	5.2	5.6	6.0					3.8		22.0
24.0											2.7	3.1	3.5			3.7	4.0	4.4								24.0
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30.0																1.4	1.5									30.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		59~83.5	61~83.5	61~83.5	63~83.5	76~83.5	48~83.5	50~83.5	52~83.5	63~83.5	76~83.5	39~83.5	41~83.5	48~83.5	63~83.5		66~83.5	65~83.5	68~83.5	67~83.5		[DEG]
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m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
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14.0	12.0	12.3	10.6	9.4		9.8	11.1	10.8			11.2	12.2	10.8			10.1	9.5	8.9			9.9	11.1	11.1			14.0
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18.0	6.9	7.5	8.4	8.8	8.3	4.8	5.7	6.8	7.7	8.2	6.1	6.8	7.8	8.6	8.3	7.6	8.1	7.7	7.4			5.7	6.9	7.8	8.3	18.0
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22.0	3.9	4.3	4.9	5.4								3.6	4.3	4.8		4.5	5.0	5.5	6.0							22.0
24.0	2.8	3.2	3.7	4.0										3.5		3.4	3.8	4.3	4.7							24.0
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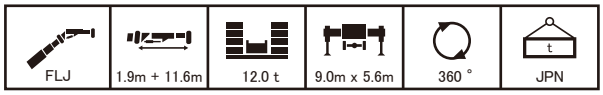
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	57~83.5	55~83.5	58~83.5	59~83.5	75~83.5	68~83.5	71~83.5	71~83.5	73~83.5	77~83.5	66~83.5	65~83.5	68~83.5	67~83.5	77~83.5	58~83.5	60~83.5	59~83.5	60~83.5		73~83.5	73~83.5	73~83.5	75~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	10.1	11.3				8.6	8.6				10.2	11.4				10.1	9.5				9.2					14.0
16.0	7.2	8.2	9.5			8.5	8.0	7.5			7.3	8.3				8.1	9.0				7.6					16.0
18.0		5.9	7.0	8.0	8.4	7.2	7.5	7.0	6.7							6.0	6.8	7.8								18.0
20.0				5.9	6.4	5.5	6.1	6.6	6.3	6.2								5.9	6.6	7.0						20.0
22.0						4.2	4.7	5.4	5.9	5.9									5.0	5.3						22.0
24.0							3.5	4.1	4.5																	24.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81				31	31	31	31	31	32					ID
[DEG]	75~83.5	75~83.5	77~83.5	77~83.5	78~83.5	69~83.5	68~83.5	71~83.5	70~83.5	76~83.5	77~83.5	79~83.5				75~83.5	77~83.5	77~83.5	76~83.5	77~83.5	78~83.5					[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2				2	2	2	2	2	2					
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t				26t	26t	26t	26t	26t	26t					

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7																m
°	5	15	30	45	60	5	15	30	45	60																°
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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	7.5					6.8																				14.0
16.0	7.5	7.3				6.8																				16.0
18.0	6.4	6.8	6.4																							18.0
20.0			6.0	5.8																						20.0
22.0				5.4																						22.0
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5	93	93	93	93		93																				5
ID	23	23	23	23		24																				ID
[DEG]	76~83.5	78~83.5	79~83.5	78~83.5		79~83.5																				[DEG]
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	8.7t	8.7t	8.7t	8.7t		8.7t																				

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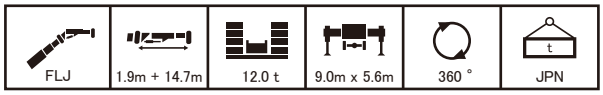

m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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6.0	13.9																									6.0
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8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			10.7	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		8.0	8.9	7.9	7.1		9.7	8.9	7.9	7.1		9.1	8.6	7.9			7.7	8.9	8.1			16.0
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22.0	5.1	5.4	5.8				3.5	4.5	5.2		4.4	5.0	5.8	6.3		5.3	5.8	6.4	6.2				4.3	5.1		22.0
24.0	4.2	4.4						3.2	3.7		3.3	3.8	4.5	4.9		4.2	4.6	5.2	5.6					3.7		24.0
26.0	3.3										2.4	2.8	3.4	3.7		3.3	3.7	4.1	4.4							26.0
28.0												2.0	2.5			2.5	2.8	3.2								28.0
30.0																1.9	2.1	2.4								30.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		62~83.5	62~83.5	62~83.5	65~83.5		52~83.5	51~83.5	54~83.5	61~83.5		40~83.5	43~83.5	46~83.5	61~83.5	75~83.5	65~83.5	68~83.5	69~83.5	68~83.5	77~83.5	[DEG]
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m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				10.6	10.6				11.9	10.6				6.9	6.9				10.6	11.0				14.0
16.0	9.7	9.4	8.1			7.7	8.9	8.3			8.9	9.8	8.3			6.9	6.9	6.9			7.7	8.9				16.0
18.0	7.5	8.3	7.7	7.0		5.5	6.6	7.9	7.1		6.7	7.6	7.9	7.1		6.9	6.9	6.9			5.5	6.6	8.0			18.0
20.0	5.8	6.5	7.3	6.8			4.8	6.0	6.9	6.3	5.0	5.8	6.8	6.9	6.3	6.5	6.9	6.4	6.2				6.0	7.0	6.3	20.0
22.0	4.4	5.0	5.8	6.5				4.4	5.2	5.8	3.7	4.3	5.3	6.0	6.2	5.2	5.7	6.0	5.8					5.3	5.9	22.0
24.0	3.3	3.9	4.5	5.1					3.8				4.0	4.6		4.1	4.6	5.2	5.5						4.3	24.0
26.0	2.4	2.9	3.5	3.9										3.4		3.1	3.6	4.1	4.6							26.0
28.0			2.6	2.9												2.4	2.7	3.2	3.6							28.0
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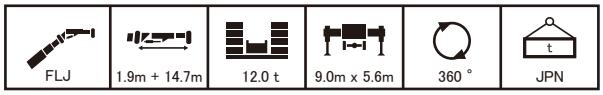
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	57~83.5	60~83.5	59~83.5	61~83.5		71~83.5	71~83.5	71~83.5	71~83.5	76~83.5	66~83.5	68~83.5	69~83.5	68~83.5	76~83.5	58~83.5	61~83.5	61~83.5	62~83.5		73~83.5	75~83.5	76~83.5	76~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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14.0	10.8					6.9					9.6					6.9					7.8					14.0
16.0	7.8	9.1				6.9	6.9				7.9	9.2				6.9	6.9				7.8					16.0
18.0		6.7	8.2			6.9	6.8	6.3				6.8				6.8	6.9									18.0
20.0			6.2	7.0		6.0	6.4	6.0									5.9	6.6								20.0
22.0				5.4		4.6	5.3	5.6	5.4									5.4	5.9							22.0
24.0						3.5	4.1	4.8	5.1	5.0									4.8							24.0
26.0								3.8	4.3	4.6																26.0
28.0									3.3																	28.0
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ID	86	86	86	86		21	21	21	21	21	81	81				31	31	31	31		32					ID
[DEG]	77~83.5	77~83.5	78~83.5	78~83.5		69~83.5	71~83.5	72~83.5	71~83.5	75~83.5	78~83.5	78~83.5				76~83.5	76~83.5	77~83.5	77~83.5		79~83.5					[DEG]
	2	2	2	2		1	1	1	1	1	2	2				1	1	1	1		1					
	26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t				8.7t	8.7t	8.7t	8.7t		8.7t					

m	52.4	52.4	52.4	52.4	52.4	m
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4	93	93				4
5	93	93				5
ID	23	23				ID
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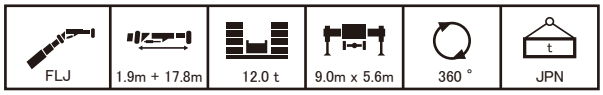
	8.7t	8.7t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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4.5																										4.5
5.0																										5.0
6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			8.4	8.0				16.0
18.0	5.5	5.6	5.5	5.3		6.5	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			6.2	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		4.8	5.8	6.0	5.5		6.3	6.5	6.0	5.5		7.0	6.5	6.0	5.5		4.5	5.6	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		3.5	4.3	5.5	5.3		5.0	5.6	5.7	5.3		5.8	6.0	5.7	5.3			4.1	5.3	5.4	4.9	22.0
24.0	4.1	4.3	4.6				3.1	4.1	5.0		3.8	4.4	5.3	5.1		4.7	5.2	5.4	5.1				4.0	4.9	4.9	24.0
26.0	3.7	4.1						3.0	3.7		2.9	3.4	4.1	4.7		3.7	4.2	4.8	5.0					3.6		26.0
28.0	3.1	3.3							2.6		2.2	2.6	3.2	3.6		3.0	3.3	3.9	4.2							28.0
30.0												1.9	2.4			2.3	2.6	3.1	3.4							30.0
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34.0																	1.5	1.8								34.0
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ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		62~83.5	62~83.5	63~83.5	62~83.5		52~83.5	52~83.5	56~83.5	63~83.5		46~83.5	45~83.5	48~83.5	59~83.5		68~83.5	68~83.5	70~83.5	70~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				8.4	8.4				9.5	8.4				6.7	6.7				8.3	8.7				16.0
18.0	8.0	7.4	6.5			6.2	7.4	6.7			7.2	7.8	6.7			6.7	6.7				6.1	7.4				18.0
20.0	6.3	6.9	6.2	5.6		4.5	5.5	6.3			5.5	6.5	6.3			6.7	6.3	5.9				5.5	6.5				20.0
22.0	4.9	5.6	5.8	5.4	4.9			5.4	5.5		4.2	5.0	6.0	5.5		5.6	5.9	5.5	5.3				5.3	5.5		22.0
24.0	3.8	4.4	5.3	5.2	4.9			4.0	4.9			3.8	4.8	5.3		4.5	5.1	5.2	5.0	5.0				4.9	4.9	24.0
26.0	2.9	3.4	4.2	4.8					3.7				3.7	4.3		3.5	4.1	4.8	4.8	4.7					4.2	26.0
28.0		2.6	3.2	3.7										3.3		2.8	3.2	3.8	4.3							28.0
30.0			2.4	2.9													2.5	3.0	3.5							30.0
32.0				2.1														2.4	2.7							32.0
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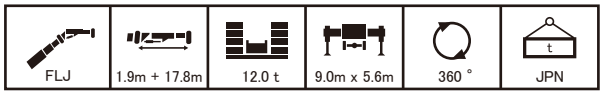
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	60~83.5	60~83.5	61~83.5	59~83.5	75~83.5	70~83.5	73~83.5	72~83.5	72~83.5		68~83.5	68~83.5	70~83.5	70~83.5		61~83.5	61~83.5	62~83.5	64~83.5	75~83.5	74~83.5	75~83.5	76~83.5	77~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



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12.0																										12.0
14.0	9.3					6.1					8.0					6.4										14.0
16.0	8.4	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	6.2	7.5				6.1	6.1									6.4	6.4				5.9					18.0
20.0		5.6	6.6			6.1	5.8									5.5	6.4									20.0
22.0			5.4			5.0	5.5	5.1									5.0	5.6								22.0
24.0						3.9	4.6	4.9	4.7									4.9								24.0
26.0							3.6	4.4	4.4	4.4																26.0
28.0								3.5	4.1	4.2																28.0
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5	0	0	0			93	93	93	93	93	0					46	46	46			46					5
ID	86	86	86			21	21	21	21	21	81					31	31	31			32					ID
[DEG]	76~83.5	76~83.5	78~83.5			70~83.5	71~83.5	72~83.5	72~83.5	76~83.5	79~83.5					76~83.5	76~83.5	78~83.5			79~83.5					[DEG]
	2	2	2			1	1	1	1	1	1					1	1	1			1					
	26t	26t	26t			8.7t	8.7t	8.7t	8.7t	8.7t	8.7t					8.7t	8.7t	8.7t			8.7t					

m	52.4	52.4	52.4	52.4	52.4	m
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3.0						3.0
3.5						3.5
4.0						4.0
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6.0						6.0
7.0						7.0
8.0						8.0
9.0						9.0
10.0						10.0
11.0						11.0
12.0						12.0
14.0						14.0
16.0	5.5					16.0
18.0	5.5					18.0
20.0	5.5					20.0
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24.0						24.0
26.0						26.0
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30.0						30.0
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34.0						34.0
36.0						36.0
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40.0						40.0
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58.0						58.0
62.0						62.0
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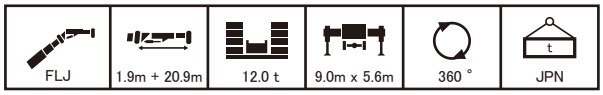
2	93					2
3	93					3
4	93					4
5	93					5
ID	23					ID
[DEG]	77~83.5					[DEG]
	1					
	8.7t					

フルオートラフィングジブ



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8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.3	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		4.3	5.2	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			3.9	5.0	5.2			22.0
24.0	3.8	4.0	4.1	4.1		3.1	4.0	4.8	4.4	3.9	4.5	5.1	4.8	4.4	3.9	5.2	5.1	4.8	4.4			3.8	4.9	4.5		24.0
26.0	3.4	3.7	3.9	3.9			3.0	4.0	4.3	3.9	3.5	4.1	4.5	4.3	3.9	4.3	4.8	4.5	4.3				3.8	4.3		26.0
28.0	3.2	3.4	3.7					3.0	3.7		2.7	3.3	4.0	4.1		3.5	3.9	4.3	4.1					3.7		28.0
30.0	2.9	3.2							2.8		2.1	2.5	3.2	3.7		2.8	3.2	3.8	4.0							30.0
32.0	2.4											1.9	2.4	2.8		2.2	2.6	3.0	3.4							32.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		62~83.5	63~83.5	65~83.5	65~83.5	75~83.5	53~83.5	53~83.5	54~83.5	61~83.5	75~83.5	47~83.5	47~83.5	51~83.5	62~83.5		67~83.5	69~83.5	71~83.5	72~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
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11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.2	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.2	5.6				20.0
22.0	5.5	5.6	5.2				4.9	5.3			4.8	5.6	5.3			5.6	5.5	5.1				4.9	5.4			22.0
24.0	4.4	5.1	4.9	4.5				5.0	4.5		3.7	4.5	5.1	4.5		4.8	5.1	4.8					5.0			24.0
26.0	3.5	4.1	4.7	4.3	3.9			3.8	4.4	3.9		3.5	4.5	4.4	3.9	3.9	4.5	4.5	4.4							26.0
28.0	2.7	3.3	4.0	4.2	3.8				3.7	3.9			3.5	4.3	3.9	3.1	3.6	4.3	4.2	3.9						28.0
30.0		2.5	3.2	3.7										3.4		2.4	2.9	3.6	4.0	3.8						30.0
32.0			2.5	2.9													2.3	2.9	3.3							32.0
34.0				2.2														2.3	2.6							34.0
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ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90			ID
[DEG]	60~83.5	61~83.5	62~83.5	62~83.5	74~83.5	72~83.5	73~83.5	73~83.5	74~83.5	76~83.5	68~83.5	69~83.5	71~83.5	71~83.5	76~83.5	61~83.5	62~83.5	64~83.5	66~83.5	74~83.5	74~83.5	75~83.5	77~83.5				[DEG]
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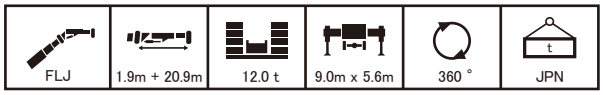
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			



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10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0		5.6				5.1	5.1									5.4	5.4									20.0
22.0						5.1	5.1										5.4									22.0
24.0						4.3	4.8	4.5										4.9								24.0
26.0							4.0	4.3										4.4								26.0
28.0								4.0	3.9																	28.0
30.0								3.2	3.7	3.7																30.0
32.0									3.1	3.4																32.0
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ID	86	86				21	21	21	21	21	81					31	31	31			32					ID
[DEG]	77~83.5	79~83.5				72~83.5	74~83.5	73~83.5	74~83.5	75~83.5	78~83.5					77~83.5	78~83.5	78~83.5			79~83.5					[DEG]
	1	1				1	1	1	1	1	1					1	1	1			1					
	8.7t	8.7t				8.7t	8.7t	8.7t	8.7t	8.7t	8.7t					8.7t	8.7t	8.7t			8.7t					

m	52.4	52.4	52.4	52.4	52.4	m
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3.5						3.5
4.0						4.0
4.5						4.5
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6.0						6.0
7.0						7.0
8.0						8.0
9.0						9.0
10.0						10.0
11.0						11.0
12.0						12.0
14.0						14.0
16.0	4.7					16.0
18.0	4.7					18.0
20.0	4.7	4.7				20.0
22.0		4.7				22.0
24.0						24.0
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4	93	93				4
5	93	93				5
ID	23	23				ID
[DEG]	78~83.5	80~83.5				[DEG]
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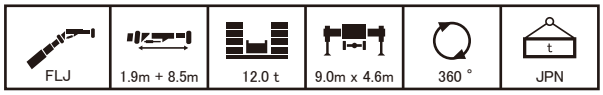
	8.7t	8.7t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
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3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				22.2	19.5				8.0
9.0	15.3	14.4	13.5	12.7		17.7	17.8	15.1			20.0	17.8	15.1			16.0	15.0	14.0			17.4	18.7				9.0
10.0	14.2	13.6	12.9	12.3		14.1	15.4	14.6	13.1		16.4	17.0	14.6	13.1		15.0	14.1	13.2			13.9	15.3	15.0			10.0
11.0	13.2	12.9	12.4	12.0		11.3	12.5	14.1	12.9	11.8	13.5	14.5	14.2	12.9	11.8	14.1	13.3	12.5	12.0		11.1	12.3	14.0	13.0		11.0
12.0	11.9	12.2	12.0	11.8		9.2	10.2	11.6	12.6	11.7	11.3	12.1	13.2	12.6	11.7	12.6	12.6	11.9	11.4		9.0	10.0	11.5	12.6	11.8	12.0
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16.0	6.1	6.5	6.8				4.3	5.1	5.7		5.6	6.1	6.8	7.3		6.8	7.2	7.8	8.2				5.0	5.7		16.0
18.0	4.4	4.6							3.6		3.8	4.3	4.8	5.2		5.0	5.3	5.8	6.1							18.0
20.0	3.0										2.5	2.8	3.3	3.5		3.6	3.9	4.3	4.5							20.0
22.0																2.5	2.7	3.0								22.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		66~83.5	65~83.5	67~83.5	65~83.5	78~83.5	55~83.5	57~83.5	59~83.5	60~83.5	78~83.5	51~83.5	48~83.5	50~83.5	61~83.5		69~83.5	71~83.5	70~83.5	72~83.5	76~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				22.4					21.4					14.7										8.0
9.0	20.3	19.0				17.5	19.2				19.3	19.7				14.3	13.3				17.8					9.0
10.0	16.6	17.7	15.2			14.0	15.4				15.6	16.9				13.5	12.7				14.2	15.6				10.0
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18.0	4.0	4.5	5.1	5.5									4.4	4.9		4.9	5.3	5.8	6.2							18.0
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[DEG]	63~83.5	61~83.5	64~83.5	65~83.5	77~83.5	74~83.5	73~83.5	76~83.5	74~83.5	75~83.5	69~83.5	71~83.5	70~83.5	71~83.5	75~83.5	64~83.5	65~83.5	64~83.5	65~83.5	76~83.5	76~83.5	78~83.5	78~83.5	76~83.5	77~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

FLJ	1.9m + 8.5m	12.0 t	9.0m x 4.6m	360 °	JPN

m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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10.0	14.5					11.5																				10.0
11.0	11.7					11.5	10.8				12.1					12.0										11.0
12.0	9.5					11.0	10.4				9.9					10.8	11.5				8.7					12.0
14.0						8.5	9.2	9.1								7.5	8.2	9.3			8.0					14.0
16.0						6.1	6.7	7.5	8.0	8.0								6.6								16.0
18.0							4.8	5.5	5.9	6.2																18.0
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5	0					93	93	93	93	93	0					46	46	46			93					5
ID	86					21	21	21	21	21	81					31	31	31			23					ID
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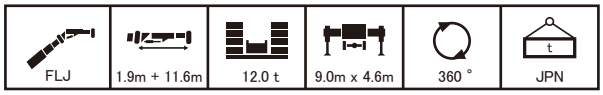
フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0	14.6																									4.0
4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		12.7	13.3	11.2			14.6	13.3	11.2			12.8	12.0				12.4	14.0				11.0
12.0	10.5	10.1	9.6	9.1		10.4	11.8	10.9			12.3	12.7	10.9			12.1	11.4	10.6			10.2	11.6	11.2			12.0
14.0	9.2	9.1	8.9	8.6		7.1	8.2	9.7	9.3	8.5	8.9	9.8	10.2	9.3	8.5	10.0	10.3	9.7	9.3		6.9	8.0	9.6	9.4	14.0
16.0	7.3	7.8	8.3	8.3		4.7	5.6	6.8	7.8	8.3	6.5	7.2	8.2	9.0	8.3	7.5	8.1	8.8	8.5			5.4	6.7	7.8	16.0
18.0	5.4	5.8	6.3				3.7	4.7	5.5		4.7	5.3	6.1	6.7		5.7	6.2	6.9	7.5				4.6	5.4		18.0
20.0	4.0	4.3							3.7		3.3	3.8	4.5	5.0		4.3	4.7	5.3	5.7							20.0
22.0	2.9											2.6	3.2	3.6		3.2	3.5	4.0	4.3							22.0
24.0																2.2	2.5	2.9								24.0
26.0																	1.7	2.0								26.0
28.0																										28.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		66~83.5	65~83.5	68~83.5	67~83.5	76~83.5	59~83.5	58~83.5	61~83.5	63~83.5	76~83.5	52~83.5	50~83.5	53~83.5	63~83.5		71~83.5	71~83.5	71~83.5	73~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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4.5																										4.5
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6.0																										6.0
7.0																										7.0
8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				12.5	14.1				13.8	14.5				11.6	10.8				12.5					11.0
12.0	12.4	13.4	11.2			10.2	11.7				11.5	12.8				11.1	10.3				10.2	11.7				12.0
14.0	9.0	9.9	10.6	9.4		6.9	8.1	9.6			8.2	9.2	10.6			9.7	9.5	8.9			6.9	8.1	9.7			14.0
16.0	6.6	7.3	8.3	9.1	8.4		5.5	6.8	7.9	8.4	5.8	6.6	7.7	8.7	8.4	7.3	7.9	8.2	7.9				6.9	7.9		16.0
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20.0	3.4	3.9	4.6	5.1									4.0	4.6		4.0	4.5	5.2	5.7							20.0
22.0		2.7	3.3	3.7												2.9	3.3	3.9	4.3							22.0
24.0				2.6														2.8	3.2							24.0
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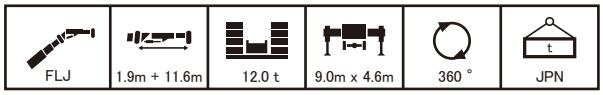
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90		ID
[DEG]	63~83.5	62~83.5	65~83.5	63~83.5	75~83.5	74~83.5	73~83.5	76~83.5	76~83.5	77~83.5	71~83.5	71~83.5	71~83.5	73~83.5	77~83.5	63~83.5	66~83.5	65~83.5	67~83.5		75~83.5	78~83.5	78~83.5	77~83.5		[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		



m		43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	m
°		5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
m	2.5																2.5
	3.0																3.0
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	4.0																4.0
	4.5																4.5
	5.0																5.0
	6.0																6.0
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	8.0																8.0
	9.0																9.0
	10.0																10.0
	11.0	12.7					8.6										11.0
	12.0	10.5					8.6					10.1					12.0
	14.0						8.6	8.6				8.1	9.1				14.0
	16.0						6.9	7.7	7.5				6.6				16.0
	18.0						5.1	5.8	6.7	6.7							18.0
	20.0							4.3	5.0	5.6	6.0						20.0
	22.0									4.2	4.5						22.0
	24.0																24.0
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	54.0																54.0
	58.0																58.0
	62.0																62.0
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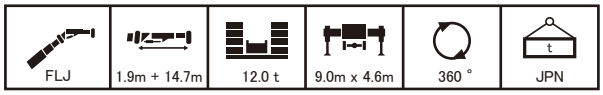
	2	93					46	46	46	46	46	93	93				2
	3	93					93	93	93	93	93	93	93				3
	4	46					93	93	93	93	93	93	93				4
	5	0					93	93	93	93	93	46	46				5
	ID	86					21	21	21	21	21	31	31				ID
[DEG]		79~83.5					73~83.5	73~83.5	75~83.5	75~83.5	76~83.5	78~83.5	78~83.5				[DEG]
		2					1	1	1	1	1	2	2				
		26t					8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5	13.9																									4.5
5.0	13.9																									5.0
6.0	13.9																									6.0
7.0	13.7					13.9																				7.0
8.0	12.5	11.3				13.9					13.9					12.5					13.9					8.0
9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.3	11.6				11.0
12.0	9.1	8.7	8.1			11.4	10.6				12.3	10.6				11.0	10.4				11.1	11.1				12.0
14.0	7.9	7.8	7.4	7.0		8.0	9.3	8.4			9.6	9.7	8.4			10.0	9.4	8.4			7.7	9.1	8.6			14.0
16.0	7.0	7.0	6.9	6.6		5.6	6.7	7.9	7.1		7.2	8.1	7.9	7.1		8.1	8.6	7.9			5.3	6.5	8.1			16.0
18.0	6.3	6.4	6.4	6.3		3.8	4.7	6.0	6.9		5.4	6.1	7.2	6.9		6.2	6.9	7.4	6.9	6.3		4.5	5.9	7.0	6.4	18.0
20.0	4.8	5.3	5.8					4.3	5.1		3.9	4.6	5.5	6.2		4.8	5.4	6.1	6.6	6.2			4.1	5.1	5.7	20.0
22.0	3.7	4.0	4.4						3.6		2.8	3.4	4.1	4.7		3.7	4.2	4.8	5.3							22.0
24.0	2.7	3.0										2.4	3.0	3.5		2.7	3.2	3.7	4.1							24.0
26.0	2.0													2.4		2.0	2.3	2.8	3.1							26.0
28.0																		2.0								28.0
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62.0																										62.0
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5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93	93	0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17	17	95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		65~83.5	68~83.5	69~83.5	68~83.5		59~83.5	58~83.5	62~83.5	60~83.5		52~83.5	55~83.5	55~83.5	61~83.5	75~83.5	71~83.5	71~83.5	72~83.5	75~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.3					12.9					6.9					13.3					11.0
12.0	13.1	11.1				11.0	11.5				12.3	11.5				6.9	6.9				11.0					12.0
14.0	9.7	10.2				7.7	9.1				8.8	10.1				6.9	6.9				7.6	9.1				14.0
16.0	7.2	8.1	8.1				6.5	8.1			6.4	7.4	8.3			6.9	6.9	6.9				6.5				16.0
18.0	5.4	6.1	7.2	7.0				5.9	7.0		4.6	5.5	6.7	7.1		6.1	6.9	6.9								18.0
20.0	3.9	4.6	5.5	6.3					5.1	5.8		3.9	5.0	5.8	6.3	4.7	5.3	6.2	6.2							20.0
22.0	2.8	3.4	4.2	4.8						4.1			3.6	4.3	4.8	3.5	4.1	4.8	5.4							22.0
24.0			3.1	3.6													3.1	3.7	4.2							24.0
26.0				2.6														2.8	3.2							26.0
28.0																										28.0
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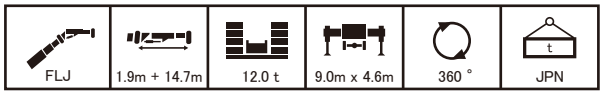
ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90				ID
[DEG]	63~83.5	65~83.5	66~83.5	65~83.5		75~83.5	76~83.5	77~83.5	77~83.5	75~83.5	70~83.5	71~83.5	71~83.5	74~83.5	75~83.5	66~83.5	66~83.5	66~83.5	69~83.5		77~83.5	77~83.5				[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	1	1	1	1		2	2				
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t		26t	26t				



	m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	m
	°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
m	2.5																2.5
	3.0																3.0
	3.5																3.5
	4.0																4.0
	4.5																4.5
	5.0																5.0
	6.0																6.0
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	8.0																8.0
	9.0																9.0
	10.0																10.0
	11.0																11.0
	12.0	11.2					6.9					6.9					12.0
	14.0	7.8					6.9					6.9					14.0
	16.0						6.9	6.9				6.5					16.0
	18.0						5.6	6.4	6.3								18.0
	20.0							4.9	5.8								20.0
	22.0								4.5	5.2							22.0
	24.0									4.0							24.0
	26.0																26.0
	28.0																28.0
	30.0																30.0
	32.0																32.0
	34.0																34.0
	36.0																36.0
	38.0																38.0
	40.0																40.0
	42.0																42.0
	44.0																44.0
	46.0																46.0
	48.0																48.0
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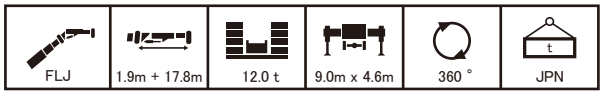
	54.0																54.0
	58.0																58.0
	62.0																62.0
%	1	93					0	0	0	0		46					1
	2	93					46	46	46	46		93					2
	3	93					93	93	93	93		93					3
	4	46					93	93	93	93		93					4
	5	0					93	93	93	93		46					5
	ID	86					21	21	21	21		31					ID
	[DEG]	78~83.5					75~83.5	75~83.5	76~83.5	76~83.5		78~83.5					[DEG]
		2					1	1	1	1		1					
		26t					8.7t	8.7t	8.7t	8.7t		8.7t					

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
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4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
10.0	9.5	8.8				12.4					12.1					9.9					12.8					10.0
11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			8.7	8.4				9.6	8.4				9.2	8.4				8.4	8.8				14.0
16.0	6.2	6.2	6.0	5.7		6.3	7.6	6.7			7.8	7.7	6.7			8.4	7.7	6.7			6.0	7.3				16.0
18.0	5.5	5.6	5.5	5.3		4.4	5.6	6.3			5.9	6.8	6.3			6.7	7.0	6.3				5.3	6.5			18.0
20.0	5.0	5.1	5.2	5.1			4.0	5.3	5.5		4.5	5.2	6.0	5.5		5.3	6.0	6.0	5.5				5.2	5.6		20.0
22.0	4.3	4.7	4.9	4.9				3.9	4.8		3.3	4.0	4.9	5.3		4.1	4.7	5.5	5.3					4.7	4.9	22.0
24.0	3.4	3.7	4.2						3.5		2.4	3.0	3.8	4.4		3.2	3.7	4.4	4.9						4.0	24.0
26.0	2.6	2.8											2.8	3.3		2.4	2.8	3.4	3.9							26.0
28.0	1.9	2.1												2.4		1.7	2.1	2.6	3.0							28.0
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3	0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0		0	0	0	0	0	3
4	0	0	0	0		0	0	0	0		46	46	46	46		46	46	46	46		0	0	0	0	0	4
5	0	0	0	0		0	0	0	0		0	0	0	0		93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96		82	82	82	82		17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		68~83.5	68~83.5	70~83.5	70~83.5		59~83.5	62~83.5	63~83.5	62~83.5		53~83.5	56~83.5	56~83.5	58~83.5		73~83.5	73~83.5	75~83.5	76~83.5	75~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0																										8.0
9.0																										9.0
10.0	10.4										10.3															10.0
11.0	10.4					12.1					10.3					6.7										11.0
12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.2	8.8				8.3	9.1				9.4	9.1				6.7	6.7				8.3					14.0
16.0	7.7	8.0				5.9	7.3				7.0	8.2				6.7	6.7									16.0
18.0	5.9	6.8	6.5				5.3	6.7			5.1	6.2	6.7			6.6	6.7									18.0
20.0	4.4	5.2	6.2	5.6				5.2				4.6	5.9			5.1	5.9	5.9								20.0
22.0	3.3	4.0	4.9	5.4	4.9								4.4	5.4		4.0	4.6	5.5	5.3							22.0
24.0		3.0	3.8	4.5	4.9									4.1		3.0	3.6	4.4	5.0	5.0						24.0
26.0			2.8	3.4													2.7	3.4	4.0	4.3						26.0
28.0				2.5														2.6	3.1							28.0
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62.0																										62.0
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4	93	93	93	93	93	0	0	0			46	46	46	46		93	93	93	93	93	0					4
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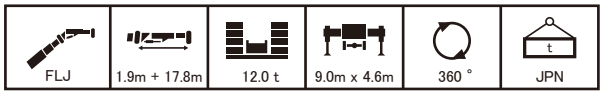
ID	77	77	77	77	77	93	93	93			84	84	84	84		19	19	19	19	19	90					ID
[DEG]	65~83.5	66~83.5	67~83.5	66~83.5	75~83.5	74~83.5	75~83.5	77~83.5			72~83.5	73~83.5	75~83.5	75~83.5		66~83.5	66~83.5	67~83.5	70~83.5	75~83.5	78~83.5					[DEG]
	2	2	2	2	2	2	2	2			2	2	2	2		1	1	1	1	1	2					
	26t	26t	26t	26t	26t	26t	26t	26t			26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t					



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3.0											3.0
3.5											3.5
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4.5											4.5
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8.0											8.0
9.0											9.0
10.0											10.0
11.0											11.0
12.0											12.0
14.0	6.1					6.4					14.0
16.0	6.1	6.1				6.4					16.0
18.0	6.0	6.1									18.0
20.0	4.6	5.4									20.0
22.0		4.2	5.1								22.0
24.0			4.0	4.7							24.0
26.0				3.7							26.0
28.0											28.0
30.0											30.0
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46.0											46.0
48.0											48.0
50.0											50.0
54.0											54.0
58.0											58.0
62.0											62.0
1	0	0	0	0		46					1
2	46	46	46	46		93					2
3	93	93	93	93		93					3
4	93	93	93	93		93					4
5	93	93	93	93		46					5
ID	21	21	21	21		31					ID
[DEG]	74~83.5	75~83.5	76~83.5	77~83.5		79~83.5					[DEG]
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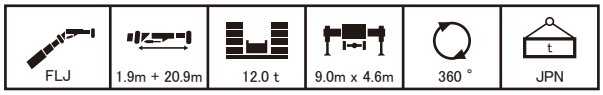
	8.7t	8.7t	8.7t	8.7t		8.7t					

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
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3.0																										3.0
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4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	5.6																									7.0
8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6						5.6				5.6					10.0
11.0	5.6	5.6				5.6					5.6						5.6				5.6					11.0
12.0	5.6	5.6				5.6					5.6						5.6				5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6					5.6	5.6			5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.3	5.6	5.6			5.6	5.6	5.6				5.6	5.6			5.0	5.6				18.0
20.0	4.7	4.7	4.7	4.5		3.8	4.9	5.3			5.1	5.6	5.3				5.6	5.6	5.3			4.7	5.5			20.0
22.0	4.2	4.3	4.4	4.2			3.6	4.9	4.6		4.0	4.7	5.0	4.6			4.7	5.4	5.0				4.8			22.0
24.0	3.8	4.0	4.1	4.1				3.7	4.4	3.9	3.0	3.7	4.6	4.4	3.9	3.7	4.3	4.8	4.4				3.6	4.5		24.0
26.0	3.2	3.6	3.9	3.9					3.5	3.9	2.2	2.8	3.6	4.3	3.9	2.9	3.4	4.2	4.3					3.5		26.0
28.0	2.5	2.8	3.2										2.8	3.4		2.3	2.7	3.3	3.9							28.0
30.0	1.9	2.1											2.1	2.5			2.1	2.6	3.0							30.0
32.0	1.4																	2.0	2.3							32.0
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ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		67~83.5	69~83.5	71~83.5	72~83.5	75~83.5	59~83.5	63~83.5	61~83.5	65~83.5	75~83.5	57~83.5	57~83.5	59~83.5	62~83.5		72~83.5	73~83.5	73~83.5	74~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6					5.6				5.6	5.6				5.6	5.6					5.6				18.0
20.0	5.1	5.6	5.5				4.6	5.6			4.4	5.4	5.6			5.5	5.6									20.0
22.0	3.9	4.7	5.2					4.8				4.1	5.3			4.3	5.1	5.1								22.0
24.0	2.9	3.7	4.6	4.5									4.2	4.5		3.4	4.0	4.8								24.0
26.0		2.8	3.6	4.3	3.9									4.0	3.9		3.2	4.0	4.4							26.0
28.0			2.8	3.4	3.8										3.6			3.2	3.8	3.9						28.0
30.0				2.6															3.0	3.3						30.0
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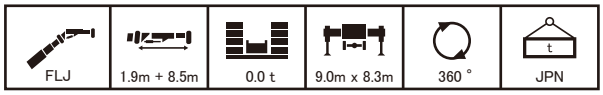
62.0																										62.0
1	0	0	0	0	0	93	93	93			0	0	0	0	0	0	0	0	0	0	93	93				1
2	0	0	0	0	0	93	93	93			93	93	93	93	93	0	0	0	0	0	93	93				2
3	93	93	93	93	93	46	46	46			93	93	93	93	93	46	46	46	46	46	93	93				3
4	93	93	93	93	93	0	0	0			46	46	46	46	46	93	93	93	93	93	0	0				4
5	0	0	0	0	0	0	0	0			0	0	0	0	0	93	93	93	93	93	0	0				5
ID	77	77	77	77	77	93	93	93			84	84	84	84	84	19	19	19	19	19	90	90				ID
[DEG]	65~83.5	66~83.5	68~83.5	69~83.5	74~83.5	76~83.5	75~83.5	78~83.5			72~83.5	73~83.5	76~83.5	77~83.5	76~83.5	68~83.5	69~83.5	71~83.5	72~83.5	74~83.5	77~83.5	79~83.5				[DEG]
	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

FLJ	1.9m + 20.9m	12.0 t	9.0m x 4.6m	360 °	JPN

m	43.7	43.7	43.7	43.7	43.7	m
°	5	15	30	45	60	°
2.5						2.5
3.0						3.0
3.5						3.5
4.0						4.0
4.5						4.5
5.0						5.0
6.0						6.0
7.0						7.0
8.0						8.0
9.0						9.0
10.0						10.0
11.0						11.0
12.0						12.0
14.0	5.1					14.0
16.0	5.1					16.0
18.0	5.1	5.1				18.0
20.0	4.9	5.1				20.0
22.0		4.6				22.0
24.0						24.0
26.0						26.0
28.0						28.0
30.0						30.0
32.0						32.0
34.0						34.0
36.0						36.0
38.0						38.0
40.0						40.0
42.0						42.0
44.0						44.0
46.0						46.0
48.0						48.0
50.0						50.0
54.0						54.0
58.0						58.0
62.0						62.0
1	0	0				1
2	46	46				2
3	93	93				3
4	93	93				4
5	93	93				5
ID	21	21				ID
[DEG]	76~83.5	77~83.5				[DEG]
	1	1				
	8.7t	8.7t				

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0	27.6																									3.0
3.5	25.9																									3.5
4.0	24.4																									4.0
4.5	23.0	19.9																								4.5
5.0	21.8	19.1																								5.0
6.0	19.7	17.7				26.0					26.0					19.7										6.0
7.0	18.0	16.5	14.8			24.1	19.7				24.1	19.7				18.3					25.7					7.0
8.0	16.5	15.4	14.1	13.0		22.4	18.7				22.4	18.7				17.0	16.0				24.0	19.5				8.0
9.0	15.3	14.4	13.5	12.7		21.0	17.8	15.1			21.0	17.8	15.1			16.0	15.0	14.0			22.5	18.7				9.0
10.0	14.2	13.6	12.9	12.3		19.7	17.0	14.6	13.1		19.7	17.0	14.6	13.1		15.0	14.1	13.2			21.2	17.8	15.0			10.0
11.0	13.2	12.9	12.4	12.0		18.5	16.3	14.2	12.9	11.8	18.5	16.3	14.2	12.9	11.8	14.1	13.3	12.5	12.0		19.4	17.1	14.6	13.0		11.0
12.0	12.4	12.2	12.0	11.8		15.9	15.6	13.8	12.6	11.7	17.5	15.6	13.8	12.6	11.7	13.3	12.6	11.9	11.4		15.7	16.4	14.2	12.8	11.8	12.0
14.0	11.0	11.1	11.3			10.7	11.7	12.9	12.2		13.1	13.9	13.1	12.2		11.9	11.4	10.8	10.4		10.5	11.5	12.8	12.4	11.6	14.0
16.0	9.9	10.3	10.8			7.2	8.0	9.0	9.7		9.5	10.1	10.9	11.5		10.7	10.3	9.8	9.6		7.0	7.8	8.9	9.7		16.0
18.0	7.5	7.8				4.8	5.4	6.2	6.7		6.9	7.4	8.1	8.5		8.2	8.7	9.0	8.8		4.6	5.2	6.1	6.7		18.0
20.0	5.6						3.4	4.0	4.4		5.0	5.4	5.9	6.2		6.3	6.6	7.0	7.3				4.0	4.4		20.0
22.0											3.5	3.9	4.3			4.8	5.0	5.4								22.0
24.0											2.4	2.6	2.9			3.5	3.8	4.0								24.0
26.0													1.8			2.6	2.7	2.9								26.0
28.0																1.7	1.9									28.0
30.0																										30.0
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34.0																										34.0
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46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95	95	ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		59~83.5	57~83.5	59~83.5	60~83.5	78~83.5	47~83.5	48~83.5	45~83.5	61~83.5	78~83.5	37~83.5	38~83.5	45~83.5	61~83.5		63~83.5	65~83.5	64~83.5	65~83.5	77~83.5	[DEG]
	4	4	4	4		4	4	4	4	4	4	4	4	4	4	3	3	3	3		4	4	4	4	4	
	60t	60t	60t	60t		60t	60t	60t	60t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t		60t	60t	60t	60t	60t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	22.4																									7.0
8.0	22.3	19.9				25.5					21.4					14.7										8.0
9.0	20.9	19.0				24.0	19.4				21.4	19.7				14.3	13.3				21.3					9.0
10.0	19.6	18.1	15.2			22.6	18.6				20.7	18.9				13.5	12.7				21.3	19.6				10.0
11.0	18.4	17.4	14.8	13.2		19.5	17.9	14.9			19.6	18.2	15.1			12.9	12.1	11.3			19.8	18.8				11.0
12.0	17.4	16.7	14.4	13.0	11.9	15.8	17.1	14.5	13.0		17.7	17.5	14.7	13.1		12.2	11.6	10.8			16.0	17.4	15.1			12.0
14.0	13.4	14.2	13.7	12.6	11.7	10.6	11.6	13.0	12.6	11.7	12.3	13.2	14.1	12.7	11.8	11.1	10.6	10.0	9.6	9.4	10.8	11.8	13.2	12.9	11.8	14.0
16.0	9.7	10.4	11.2	11.8		7.1	8.0	9.0	9.9	10.3	8.8	9.5	10.4	11.1	11.5	10.0	9.8	9.2	8.9	8.8	7.3	8.2	9.3	10.1	10.6	16.0
18.0	7.2	7.7	8.3	8.8			5.4	6.2	6.9		6.2	6.8	7.6	8.2		8.1	8.6	8.6	8.3				6.5	7.1		18.0
20.0	5.2	5.7	6.2	6.5					4.6		4.4	4.9	5.5	5.9		6.2	6.6	7.1	7.4							20.0
22.0	3.7	4.1	4.5	4.8									3.8	4.2		4.6	5.0	5.4	5.7							22.0
24.0	2.6	2.9	3.2													3.4	3.7	4.1	4.3							24.0
26.0																2.4	2.7	3.0								26.0
28.0																										28.0
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32.0																										32.0
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58.0																										58.0
62.0																										62.0
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2	0	0	0	0	0	93	93	93	93	93	93	93	93	93	93	0	0	0	0	0	93	93	93	93	93	2
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	3
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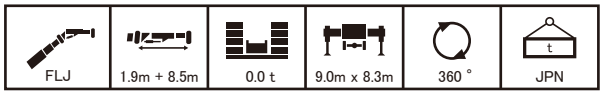
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90	90	ID
[DEG]	53~83.5	54~83.5	56~83.5	61~83.5	77~83.5	69~83.5	68~83.5	70~83.5	68~83.5	75~83.5	63~83.5	65~83.5	64~83.5	65~83.5	76~83.5	55~83.5	56~83.5	58~83.5	62~83.5	76~83.5	72~83.5	73~83.5	73~83.5	74~83.5	78~83.5	[DEG]
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
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7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	17.2					11.5																				10.0
11.0	17.2					11.5	10.8				13.5					12.0										11.0
12.0	16.4	16.7				11.0	10.4				13.5					12.0	11.5				10.8					12.0
14.0	11.1	12.1	13.5			10.1	9.6	9.1			11.5	12.5				11.2	10.7	10.0			10.6	10.1				14.0
16.0	7.6	8.4	9.5	10.4	10.9	9.3	9.0	8.4	8.1	8.0	8.0	8.8	9.9	10.7		8.9	9.7	9.4	9.0	8.8	8.3	9.1	8.9			16.0
18.0			6.7	7.4	7.8	7.5	8.1	7.9	7.6	7.5			7.1	7.8		6.4	7.0	7.8	8.5	8.4			7.4			18.0
20.0						5.6	6.1	6.7	7.1									5.7	6.2	6.5						20.0
22.0						4.1	4.5	5.0	5.4																	22.0
24.0								3.7	4.0																	24.0
26.0																										26.0
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50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
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2	93	93	93	93	93	46	46	46	46	46	93	93	93	93		93	93	93	93	93	93	93	93			2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93		93	93	93	93	93	93	93	93			3
4	46	46	46	46	46	93	93	93	93	93	93	93	93	93		93	93	93	93	93	93	93	93			4
5	0	0	0	0	0	93	93	93	93	93	0	0	0	0		46	46	46	46	46	46	46	46			5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81	81		31	31	31	31	31	32	32	32			ID
[DEG]	74~83.5	75~83.5	75~83.5	76~83.5	77~83.5	67~83.5	68~83.5	68~83.5	69~83.5	77~83.5	75~83.5	77~83.5	76~83.5	78~83.5		73~83.5	75~83.5	74~83.5	75~83.5	76~83.5	77~83.5	78~83.5	78~83.5			[DEG]
	3	3	3	3	3	2	2	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2			
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t			

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	m
°	5	15	30	45	60	5	15	30	45	60	°
2.5											2.5
3.0											3.0
3.5											3.5
4.0											4.0
4.5											4.5
5.0											5.0
6.0											6.0
7.0											7.0
8.0											8.0
9.0											9.0
10.0											10.0
11.0											11.0
12.0	8.7										12.0
14.0	8.7	8.6				8.5					14.0
16.0	8.5	8.0	7.6			8.0					16.0
18.0	7.0	7.5	7.1	6.9	6.8						18.0
20.0			6.2	6.5	6.4						20.0
22.0					5.2						22.0
24.0											24.0
26.0											26.0
28.0											28.0
30.0											30.0
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36.0											36.0
38.0											38.0
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42.0											42.0
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46.0											46.0
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50.0											50.0
54.0											54.0
58.0											58.0
62.0											62.0
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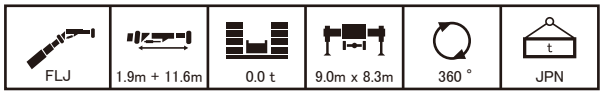
2	93	93	93	93	93	93					2
3	93	93	93	93	93	93					3
4	93	93	93	93	93	93					4
5	93	93	93	93	93	93					5
ID	23	23	23	23	23	24					ID
[DEG]	75~83.5	77~83.5	76~83.5	77~83.5	76~83.5	78~83.5					[DEG]
	1	1	1	1	1	1					
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t					

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0	14.6																									4.0
4.5	14.6																									4.5
5.0	14.6																									5.0
6.0	14.6	14.6				14.6					14.6															6.0
7.0	14.6	14.0				14.6					14.6					14.6					14.6					7.0
8.0	14.3	13.0				14.6	14.6				14.6					14.6					14.6					8.0
9.0	13.1	12.2	11.0			14.6	14.6				14.6	14.6				14.4	13.4				14.6	14.6				9.0
10.0	12.1	11.4	10.5			14.6	14.0				14.6	14.0				13.5	12.7				14.6	14.6				10.0
11.0	11.2	10.7	10.0	9.3		14.6	13.3	11.2			14.6	13.3	11.2			12.8	12.0				14.6	14.0				11.0
12.0	10.5	10.1	9.6	9.1		14.6	12.7	10.9			14.6	12.7	10.9			12.1	11.4	10.6			14.6	13.4	11.2			12.0
14.0	9.2	9.1	8.9	8.6		12.1	11.6	10.2	9.3	8.5	13.0	11.6	10.2	9.3	8.5	10.8	10.3	9.7	9.3		11.8	12.3	10.6	9.4		14.0
16.0	8.2	8.3	8.3	8.3		8.5	9.6	9.7	9.0	8.3	10.6	10.7	9.7	9.0	8.3	9.8	9.3	8.8	8.5		8.2	9.3	10.0	9.1		16.0
18.0	7.3	7.6	7.9			6.0	6.8	7.9	8.7		7.9	8.6	9.2	8.7		8.9	8.5	8.1	7.9		5.7	6.6	7.8	8.8		18.0
20.0	6.7	7.1				4.1	4.8	5.7	6.4		6.0	6.5	7.3	7.8		7.0	7.5	7.5	7.3			4.6	5.6	6.3		20.0
22.0	5.2						3.2	3.9	4.4		4.5	4.9	5.5	5.9		5.5	5.9	6.4	6.8				3.8	4.4		22.0
24.0											3.2	3.6	4.1			4.3	4.6	5.0								24.0
26.0											2.2	2.6	3.0			3.2	3.5	3.9								26.0
28.0												1.7	2.0			2.4	2.6	2.9								28.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		59~83.5	58~83.5	61~83.5	63~83.5	76~83.5	48~83.5	45~83.5	48~83.5	63~83.5	76~83.5	39~83.5	35~83.5	48~83.5	64~83.5		66~83.5	65~83.5	65~83.5	67~83.5		[DEG]
	2	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2		
	26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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8.0	14.6					14.6					14.6															8.0
9.0	14.6					14.6					14.6					11.9										9.0
10.0	14.6	14.6				14.6					14.6					11.9					14.6					10.0
11.0	14.6	14.0				14.6	14.5				14.6	14.5				11.6	10.8				14.6					11.0
12.0	14.6	13.4	11.2			14.6	13.9				14.6	13.9				11.1	10.3				14.6	14.5				12.0
14.0	14.1	12.3	10.6	9.4		11.8	12.9	10.8			13.4	12.9	10.8			10.1	9.5	8.9			11.9	13.3	11.1			14.0
16.0	10.6	11.4	10.0	9.1	8.4	8.3	9.4	10.3	9.3	8.4	9.7	10.7	10.3	9.3	8.4	9.3	8.8	8.2	7.9		8.3	9.5	10.6	9.4		16.0
18.0	8.0	8.7	9.5	8.8	8.3	5.8	6.7	7.9	8.9	8.3	7.1	7.9	9.0	9.0	8.3	8.6	8.1	7.7	7.4		5.8	6.7	8.0	9.0	8.3	18.0
20.0	6.0	6.6	7.4	8.0			4.6	5.7	6.5		5.2	5.9	6.8	7.5		6.8	7.3	7.1	6.9				5.8	6.6	7.1	20.0
22.0	4.5	5.0	5.7	6.1					4.6		3.7	4.3	5.0	5.6		5.2	5.7	6.3	6.5					4.7		22.0
24.0	3.3	3.7	4.3	4.6									3.6	4.1		4.0	4.4	4.9	5.3							24.0
26.0	2.3	2.7	3.1	3.4												3.0	3.3	3.8	4.1							26.0
28.0			2.2														2.5	2.8	3.1							28.0
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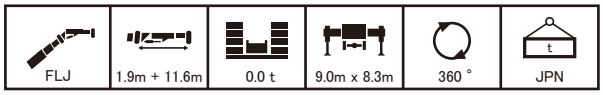
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0	0	5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	53~83.5	55~83.5	54~83.5	59~83.5	75~83.5	69~83.5	68~83.5	71~83.5	70~83.5	77~83.5	63~83.5	65~83.5	65~83.5	67~83.5	77~83.5	58~83.5	57~83.5	59~83.5	61~83.5		71~83.5	73~83.5	73~83.5	72~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t	26t	



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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9.0																										9.0
10.0																										10.0
11.0	13.7					8.6																				11.0
12.0	13.7					8.6					11.4					10.1										12.0
14.0	12.1	13.5				8.6	8.6				11.4	11.4				10.1	9.5				9.2					14.0
16.0	8.5	9.7	10.8			8.5	8.0	7.5			8.7	9.8				9.5	9.0				9.0	8.5				16.0
18.0		6.9	8.2	9.2	8.4	7.9	7.5	7.0	6.7			7.1	8.4			7.0	7.9	7.8				7.4				18.0
20.0			6.0	6.8	7.3	6.4	7.0	6.6	6.3	6.2			6.1				5.8	6.8	7.1	7.0						20.0
22.0					5.3	4.9	5.4	6.1	6.0	5.9								5.1	5.7	6.1						22.0
24.0						3.6	4.1	4.7	5.2											4.5						24.0
26.0								3.6	4.0																	26.0
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5	0	0	0	0	0	93	93	93	93	93	0	0	0			46	46	46	46	46	46	46				5
ID	86	86	86	86	86	21	21	21	21	21	81	81	81			31	31	31	31	31	32	32				ID
[DEG]	75~83.5	75~83.5	75~83.5	77~83.5	75~83.5	67~83.5	69~83.5	68~83.5	70~83.5	76~83.5	77~83.5	77~83.5	77~83.5			75~83.5	75~83.5	75~83.5	76~83.5	75~83.5	78~83.5	78~83.5				[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2	2			2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t			26t	26t	26t	26t	26t	26t	26t				

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	m
°	5	15	30	45	60	5	15	30	45	60	°
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3.0											3.0
3.5											3.5
4.0											4.0
4.5											4.5
5.0											5.0
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8.0											8.0
9.0											9.0
10.0											10.0
11.0											11.0
12.0											12.0
14.0	7.5					6.8					14.0
16.0	7.5	7.3				6.8	6.8				16.0
18.0	7.2	6.8	6.4				6.5				18.0
20.0		6.3	6.0	5.8							20.0
22.0			5.5	5.5	5.4						22.0
24.0					5.0						24.0
26.0											26.0
28.0											28.0
30.0											30.0
32.0											32.0
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50.0											50.0
54.0											54.0
58.0											58.0
62.0											62.0
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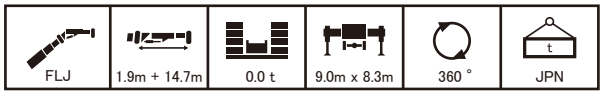
3	93	93	93	93	93	93	93				3
4	93	93	93	93	93	93	93				4
5	93	93	93	93	93	93	93				5
ID	23	23	23	23	23	24	24				ID
[DEG]	77~83.5	76~83.5	77~83.5	78~83.5	77~83.5	79~83.5	79~83.5				[DEG]
	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

フルオートラフィングジブ



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9.0	11.4	10.5				13.9					13.9					12.5					13.9					9.0
10.0	10.5	9.8				13.9	11.7				13.9	11.7				12.3					13.9					10.0
11.0	9.8	9.2	8.5			13.1	11.1				13.1	11.1				11.6	10.9				13.9	11.6				11.0
12.0	9.1	8.7	8.1			12.3	10.6				12.3	10.6				11.0	10.4				13.3	11.1				12.0
14.0	7.9	7.8	7.4	7.0		10.9	9.7	8.4			10.9	9.7	8.4			10.0	9.4	8.4			11.8	10.2	8.6			14.0
16.0	7.0	7.0	6.9	6.6		9.5	8.9	7.9	7.1		9.8	8.9	7.9	7.1		9.1	8.6	7.9			9.1	9.4	8.1			16.0
18.0	6.3	6.4	6.4	6.3		6.9	7.9	7.4	6.9		8.7	8.2	7.4	6.9		8.3	7.9	7.4	6.9	6.3	6.6	7.7	7.7	7.0	6.4	18.0
20.0	5.6	5.8	6.0			4.9	5.8	7.0	6.6		6.7	7.4	7.1	6.6		7.6	7.2	6.9	6.6	6.2	4.6	5.6	6.9	6.8	6.3	20.0
22.0	5.1	5.4	5.8			3.4	4.2	5.2	6.0		5.1	5.7	6.6	6.4		6.1	6.6	6.4	6.2			3.9	5.0	5.9		22.0
24.0	4.7	5.0					2.8	3.7	4.3		3.9	4.4	5.1	5.6		4.8	5.3	5.9	5.8				3.6	4.3		24.0
26.0	3.8								2.9		2.9	3.3	3.9	4.3		3.8	4.2	4.7	5.0							26.0
28.0											2.0	2.4	2.9			2.9	3.3	3.7								28.0
30.0													2.0			2.2	2.5	2.8								30.0
32.0																1.6	1.8	2.1								32.0
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[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		59~83.5	59~83.5	62~83.5	61~83.5		48~83.5	51~83.5	50~83.5	61~83.5		41~83.5	38~83.5	46~83.5	62~83.5	75~83.5	65~83.5	65~83.5	66~83.5	68~83.5	77~83.5	[DEG]
	2	2	2	2		2	2	2	2		2	2	2	2		2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
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7.0																										7.0
8.0																										8.0
9.0	13.2					13.9																				9.0
10.0	13.2					13.9					12.9					6.9										10.0
11.0	13.2	11.6				13.9					12.9					6.9					13.5					11.0
12.0	13.2	11.1				13.9	11.5				12.9	11.5				6.9	6.9				13.5					12.0
14.0	11.8	10.2				12.7	10.6				12.7	10.6				6.9	6.9				12.7	11.0				14.0
16.0	10.6	9.4	8.1			9.1	9.8	8.3			10.4	9.8	8.3			6.9	6.9	6.9			9.1	10.2				16.0
18.0	8.7	8.7	7.7	7.0		6.5	7.7	7.9	7.1		7.8	8.8	7.9	7.1		6.9	6.9	6.9			6.5	7.7	8.1			18.0
20.0	6.7	7.4	7.3	6.8			5.6	6.9	6.9	6.3	5.8	6.7	7.6	6.9	6.3	6.9	6.9	6.4	6.2			5.6	6.9	7.0	6.3	20.0
22.0	5.1	5.8	6.6	6.6				5.1	6.0	6.2	4.3	5.0	6.0	6.7	6.2	5.9	6.4	6.0	5.8				5.1	6.1	6.2	22.0
24.0	3.9	4.4	5.2	5.7					4.4			3.7	4.6	5.2		4.7	5.2	5.7	5.5					4.4	4.9	24.0
26.0	2.9	3.4	4.0	4.4									3.4	3.9		3.6	4.1	4.7	5.1							26.0
28.0		2.4	3.0	3.3												2.8	3.2	3.7	4.1							28.0
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ID	77	77	77	77		93	93	93	93	93	84	84	84	84	84	19	19	19	19		90	90	90	90	90	ID
[DEG]	57~83.5	56~83.5	56~83.5	62~83.5		71~83.5	71~83.5	72~83.5	71~83.5	76~83.5	66~83.5	66~83.5	66~83.5	68~83.5	76~83.5	58~83.5	58~83.5	58~83.5	59~83.5		73~83.5	73~83.5	74~83.5	73~83.5	75~83.5	[DEG]
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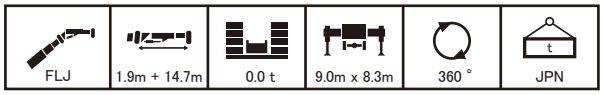

m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
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11.0																										11.0
12.0	11.3					6.9										6.9										12.0
14.0	11.3					6.9					9.6					6.9					7.8					14.0
16.0	9.3	10.6				6.9	6.9				9.4	9.6				6.9	6.9				7.8					16.0
18.0	6.7	7.8	8.3			6.9	6.8	6.3				8.0				6.9	6.9									18.0
20.0		5.7	7.1	7.0		6.8	6.4	6.0								5.9	6.8	6.6								20.0
22.0			5.3	6.2	6.3	5.3	6.0	5.6	5.4								5.1	6.2	5.9							22.0
24.0					5.1	4.1	4.7	5.3	5.1	5.0								4.8	5.5	5.6						24.0
26.0							3.6	4.3	4.8	4.8										4.6						26.0
28.0								3.3	3.8																	28.0
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ID	86	86	86	86	86	21	21	21	21	21	81	81				31	31	31	31	31	32					ID
[DEG]	75~83.5	75~83.5	76~83.5	78~83.5	77~83.5	69~83.5	69~83.5	69~83.5	71~83.5	75~83.5	78~83.5	79~83.5				74~83.5	75~83.5	75~83.5	78~83.5	76~83.5	79~83.5					[DEG]
	2	2	2	2	2	1	1	1	1	1	2	2				1	1	1	1	1	1					
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m	52.4	52.4	52.4	52.4	52.4	m
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10.0						10.0
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12.0						12.0
14.0	6.4					14.0
16.0	6.4					16.0
18.0	6.4	6.2				18.0
20.0	6.1	5.9				20.0
22.0						22.0
24.0						24.0
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4	93	93				4
5	93	93				5
ID	23	23				ID
[DEG]	76~83.5	78~83.5				[DEG]
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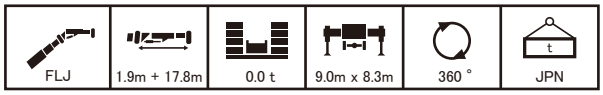
	8.7t	8.7t				

フルオートラフィングジブ



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4.5																										4.5
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6.0	13.5																									6.0
7.0	12.5																									7.0
8.0	11.3																									8.0
9.0	10.3	9.4				13.3					12.1					9.9										9.0
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11.0	8.8	8.2				11.6					11.6					9.9					12.4					11.0
12.0	8.1	7.7				10.8	9.2				10.8	9.2				9.9	9.2				11.6					12.0
14.0	7.1	6.9	6.5			9.6	8.4				9.6	8.4				9.2	8.4				10.3	8.8				14.0
16.0	6.2	6.2	6.0	5.7		8.5	7.7	6.7			8.5	7.7	6.7			8.4	7.7	6.7			9.2	8.0				16.0
18.0	5.5	5.6	5.5	5.3		7.6	7.0	6.3			7.7	7.0	6.3			7.7	7.0	6.3			7.3	7.4	6.5			18.0
20.0	5.0	5.1	5.2	5.1		5.7	6.5	6.0	5.5		7.0	6.5	6.0	5.5		7.0	6.5	6.0	5.5		5.3	6.5	6.2	5.6		20.0
22.0	4.5	4.7	4.9	4.9		4.1	5.0	5.7	5.3		5.7	6.0	5.7	5.3		6.4	6.0	5.7	5.3		3.8	4.8	5.8	5.4	4.9	22.0
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32.0													2.0			2.0	2.3	2.7								32.0
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12.0	10.4					11.8					10.3					6.7					10.8					12.0
14.0	10.3	8.8				11.0	9.1				10.3	9.1				6.7	6.7				10.8					14.0
16.0	9.2	8.0				9.9	8.4				9.9	8.4				6.7	6.7				9.8	8.7				16.0
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20.0	7.2	6.9	6.2	5.6		5.3	6.4	6.3			6.4	7.3	6.3			6.7	6.3	5.9				6.4	6.5			20.0
22.0	5.7	6.4	5.8	5.4	4.9		4.7	6.0	5.5		4.8	5.7	6.0	5.5		6.3	5.9	5.5	5.3				6.1	5.5		22.0
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28.0	2.5	3.0	3.7	4.2									3.1	3.8		3.2	3.7	4.3	4.5							28.0
30.0		2.2	2.8	3.3												2.4	2.9	3.5	3.9							30.0
32.0			2.1	2.4													2.2	2.7	3.1							32.0
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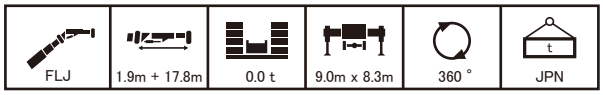
ID	77	77	77	77	77	93	93	93	93		84	84	84	84		19	19	19	19	19	90	90	90	90	90	ID
[DEG]	57~83.5	57~83.5	57~83.5	59~83.5	75~83.5	70~83.5	71~83.5	72~83.5	72~83.5		65~83.5	66~83.5	67~83.5	70~83.5		58~83.5	58~83.5	62~83.5	61~83.5	75~83.5	74~83.5	75~83.5	74~83.5	75~83.5	76~83.5	[DEG]
	2	2	2	2	2	2	2	2	2		2	2	2	2		1	1	1	1	1	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t		26t	26t	26t	26t		8.7t	8.7t	8.7t	8.7t	8.7t	26t	26t	26t	26t	26t	



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14.0	9.3					6.1					8.0					6.4										14.0
16.0	9.3	8.7				6.1	6.1				8.0					6.4					5.9					16.0
18.0	7.3	8.3				6.1	6.1				7.4	8.0				6.4	6.4				5.9					18.0
20.0		6.5	6.6			6.1	5.8					6.6				6.4	6.4									20.0
22.0			6.2			5.8	5.5	5.1									5.8	5.6								22.0
24.0						4.5	5.2	4.9	4.7									5.4								24.0
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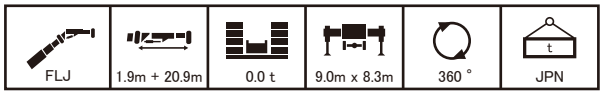
62.0																										62.0
1	93	93	93			0	0	0	0	0	93	93				46	46	46			93					1
2	93	93	93			46	46	46	46	46	93	93				93	93	93			93					2
3	93	93	93			93	93	93	93	93	93	93				93	93	93			93					3
4	46	46	46			93	93	93	93	93	93	93				93	93	93			93					4
5	0	0	0			93	93	93	93	93	0	0				46	46	46			46					5
ID	86	86	86			21	21	21	21	21	81	81				31	31	31			32					ID
[DEG]	76~83.5	77~83.5	78~83.5			68~83.5	71~83.5	72~83.5	73~83.5	76~83.5	77~83.5	78~83.5				76~83.5	76~83.5	78~83.5			79~83.5					[DEG]
	2	2	2			1	1	1	1	1	1	1				1	1	1			1					
	26t	26t	26t			8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				8.7t	8.7t	8.7t			8.7t					

m	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	56.7	56.7	m
°	5	15	30	45	60	5	15	30	45	60	°
2.5											2.5
3.0											3.0
3.5											3.5
4.0											4.0
4.5											4.5
5.0											5.0
6.0											6.0
7.0											7.0
8.0											8.0
9.0											9.0
10.0											10.0
11.0											11.0
12.0											12.0
14.0											14.0
16.0	5.5					4.8					16.0
18.0	5.5					4.8					18.0
20.0	5.5	5.4									20.0
22.0		5.1									22.0
24.0											24.0
26.0											26.0
28.0											28.0
30.0											30.0
32.0											32.0
34.0											34.0
36.0											36.0
38.0											38.0
40.0											40.0
42.0											42.0
44.0											44.0
46.0											46.0
48.0											48.0
50.0											50.0
54.0											54.0
58.0											58.0
62.0											62.0
1	46	46				93					1
2	93	93				93					2
3	93	93				93					3
4	93	93				93					4
5	93	93				93					5
ID	23	23				24					ID
[DEG]	77~83.5	78~83.5				79~83.5					[DEG]
	1	1				1					
	8.7t	8.7t				8.7t					

フルオートラフィングジブ



m	13.2	13.2	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	30.6	30.6	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0	5.6																									7.0
8.0	5.6																									8.0
9.0	5.6					5.6					5.6															9.0
10.0	5.6					5.6					5.6					5.6					5.6					10.0
11.0	5.6	5.6				5.6					5.6					5.6					5.6					11.0
12.0	5.6	5.6				5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				14.0
16.0	5.6	5.6	5.5			5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.2	5.2	5.1			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				18.0
20.0	4.7	4.7	4.7	4.5		5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.3			5.6	5.6	5.5			20.0
22.0	4.2	4.3	4.4	4.2		4.9	5.5	5.0	4.6		5.6	5.5	5.0	4.6		5.6	5.5	5.0			4.6	5.6	5.2			22.0
24.0	3.8	4.0	4.1	4.1		3.7	4.6	4.8	4.4	3.9	5.1	5.1	4.8	4.4	3.9	5.3	5.1	4.8	4.4			4.3	4.9	4.5	24.0
26.0	3.4	3.7	3.9	3.9			3.4	4.5	4.3	3.9	4.0	4.7	4.5	4.3	3.9	4.8	4.8	4.5	4.3				4.4	4.3	26.0
28.0	3.2	3.4	3.7					3.4	4.1		3.2	3.7	4.3	4.1		3.9	4.4	4.3	4.1				3.3	4.1	28.0
30.0	2.9	3.2						2.5	3.1		2.4	2.9	3.6	4.0		3.2	3.6	4.1	4.0					3.1	30.0
32.0	2.7										1.8	2.2	2.8	3.2		2.5	2.9	3.4	3.8						32.0
34.0													2.1			2.0	2.3	2.7							34.0
36.0																1.5	1.8	2.1							36.0
38.0																	1.3	1.6							38.0
40.0																										40.0
42.0																										42.0
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46.0																										46.0
48.0																										48.0
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62.0																										62.0
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3	0	0	0	0		0	0	0	0	0	93	93	93	93	93	0	0	0	0		0	0	0	0		3
4	0	0	0	0		0	0	0	0	0	46	46	46	46	46	46	46	46	46		0	0	0	0		4
5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	93	93	93	93		0	0	0	0		5
ID	1	1	1	1		96	96	96	96	96	82	82	82	82	82	17	17	17	17		95	95	95	95		ID
[DEG]	0~83.5	0~83.5	0~83.5	0~83.5		62~83.5	63~83.5	61~83.5	65~83.5	75~83.5	50~83.5	54~83.5	54~83.5	61~83.5	75~83.5	43~83.5	43~83.5	46~83.5	62~83.5		68~83.5	69~83.5	68~83.5	68~83.5		[DEG]
	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		
	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t		

m	30.6	30.6	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	39.3	39.3	39.3	39.3	39.3	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
5.0																										5.0
6.0																										6.0
7.0																										7.0
8.0																										8.0
9.0																										9.0
10.0	5.6																									10.0
11.0	5.6					5.6					5.6															11.0
12.0	5.6					5.6					5.6					5.6					5.6					12.0
14.0	5.6	5.6				5.6					5.6					5.6					5.6					14.0
16.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				16.0
18.0	5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				5.6	5.6				18.0
20.0	5.6	5.6	5.5			5.6	5.6	5.6			5.6	5.6	5.6			5.6	5.6				5.6	5.6				20.0
22.0	5.6	5.6	5.2			4.5	5.6	5.3			5.6	5.6	5.3			5.6	5.5	5.1				5.6	5.4			22.0
24.0	5.0	5.4	4.9	4.5			4.3	5.1	4.5		4.3	5.2	5.1	4.5		5.4	5.1	4.8					5.2			24.0
26.0	4.0	4.7	4.7	4.3	3.9			4.4	4.4	3.9	3.2	4.0	4.9	4.4	3.9	4.4	4.8	4.5	4.4				4.4	4.5		26.0
28.0	3.1	3.7	4.5	4.2	3.8				4.2	3.9		3.1	4.0	4.3	3.9	3.6	4.1	4.3	4.2	3.9				4.2		28.0
30.0	2.4	2.9	3.6	4.1									3.1	3.8		2.8	3.3	4.0	4.0	3.8						30.0
32.0		2.2	2.8	3.3										2.9		2.2	2.6	3.2	3.7							32.0
34.0			2.1	2.5														2.6	3.0							34.0
36.0																			2.3							36.0
38.0																										38.0
40.0																										40.0
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46.0																										46.0
48.0																										48.0
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62.0																										62.0
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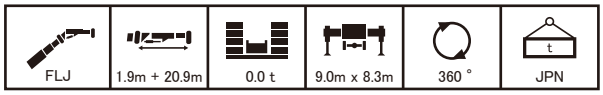
3	93	93	93	93	93	46	46	46	46	46	93	93	93	93	93	46	46	46	46	46	93	93	93	93		3
4	93	93	93	93	93	0	0	0	0	0	46	46	46	46	46	93	93	93	93	93	0	0	0	0		4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	93	93	93	93	0	0	0	0		5
ID	77	77	77	77	77	93	93	93	93	93	84	84	84	84	84	19	19	19	19	19	90	90	90	90		ID
[DEG]	57~83.5	58~83.5	59~83.5	62~83.5	74~83.5	70~83.5	71~83.5	73~83.5	74~83.5	76~83.5	65~83.5	66~83.5	68~83.5	68~83.5	76~83.5	59~83.5	62~83.5	64~83.5	63~83.5	74~83.5	74~83.5	75~83.5	75~83.5	76~83.5			[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		



m	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	5	15	30	45	60	°
2.5																										2.5
3.0																										3.0
3.5																										3.5
4.0																										4.0
4.5																										4.5
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6.0																										6.0
7.0																										7.0
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9.0																										9.0
10.0																										10.0
11.0																										11.0
12.0																										12.0
14.0	5.6					5.1																				14.0
16.0	5.6					5.1					5.6					5.4					5.0					16.0
18.0	5.6	5.6				5.1	5.1				5.6					5.4					5.0					18.0
20.0	5.6	5.6				5.1	5.1					5.6				5.4	5.4									20.0
22.0		5.6				5.1	5.1					5.6				5.2	5.4									22.0
24.0						4.9	4.8	4.5									4.9	4.9								24.0
26.0						3.8	4.6	4.3										4.7								26.0
28.0							3.6	4.0	3.9																	28.0
30.0								3.6	3.7	3.7																30.0
32.0									3.4	3.5																32.0
34.0																										34.0
36.0																										36.0
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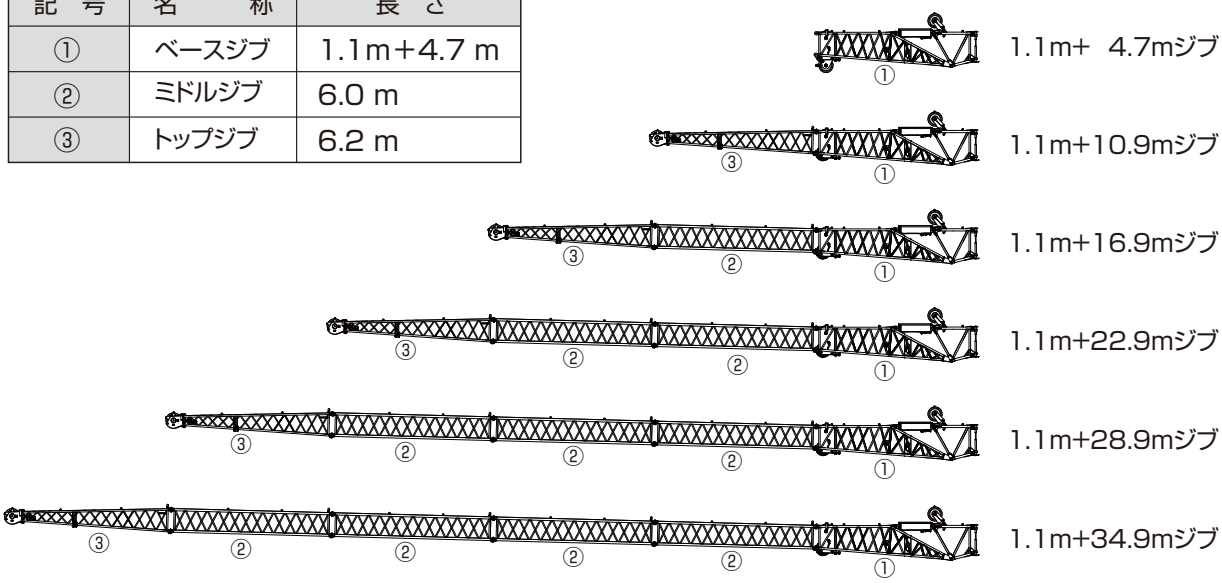
44.0																										44.0
46.0																										46.0
48.0																										48.0
50.0																										50.0
54.0																										54.0
58.0																										58.0
62.0																										62.0
1	93	93				0	0	0	0	0	93	93				46	46	46			93					1
2	93	93				46	46	46	46	46	93	93				93	93	93			93					2
3	93	93				93	93	93	93	93	93	93				93	93	93			93					3
4	46	46				93	93	93	93	93	93	93				93	93	93			93					4
5	0	0				93	93	93	93	93	0	0				46	46	46			46					5
ID	86	86				21	21	21	21	21	81	81				31	31	31			32					ID
[DEG]	75~83.5	77~83.5				70~83.5	72~83.5	74~83.5	74~83.5	75~83.5	78~83.5	78~83.5				75~83.5	76~83.5	79~83.5			79~83.5					[DEG]
	1	1				1	1	1	1	1	1	1				1	1	1			1					
	8.7t	8.7t				8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				8.7t	8.7t	8.7t			8.7t					

m	52.4	52.4	52.4	52.4	52.4	m
°	5	15	30	45	60	°
2.5						2.5
3.0						3.0
3.5						3.5
4.0						4.0
4.5						4.5
5.0						5.0
6.0						6.0
7.0						7.0
8.0						8.0
9.0						9.0
10.0						10.0
11.0						11.0
12.0						12.0
14.0						14.0
16.0	4.7					16.0
18.0	4.7					18.0
20.0	4.7	4.7				20.0
22.0		4.7				22.0
24.0						24.0
26.0						26.0
28.0						28.0
30.0						30.0
32.0						32.0
34.0						34.0
36.0						36.0
38.0						38.0
40.0						40.0
42.0						42.0
44.0						44.0
46.0						46.0
48.0						48.0
50.0						50.0
54.0						54.0
58.0						58.0
62.0						62.0
1	46	46				1
2	93	93				2
3	93	93				3
4	93	93				4
5	93	93				5
ID	23	23				ID
[DEG]	78~83.5	80~83.5				[DEG]
	1	1				
	8.7t	8.7t				

オールテレーンクレーン
ATF-200N-5.1
油圧チルトジブ

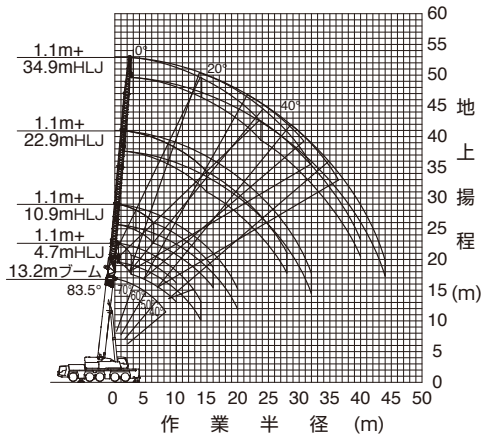
■ 油圧チルトジブ(HLJ)の構成

記　号	名　　称	長　さ
①	ベースジブ	1.1m+4.7 m
②	ミドルジブ	6.0 m
③	トップジブ	6.2 m



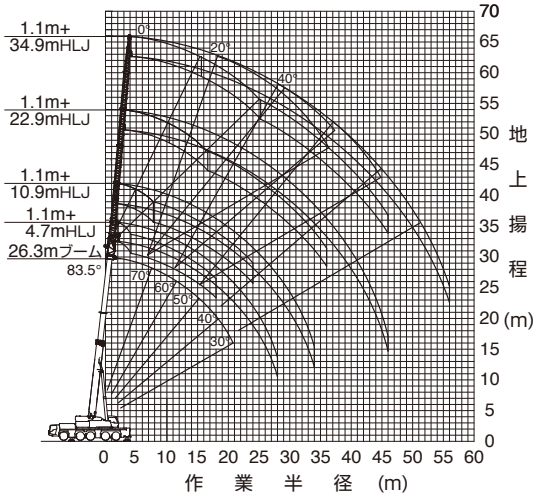
ブーム+油圧チルトジブ(HLJ)作業半径ー揚程図

13.2mブーム+油圧チルトジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

26.3mブーム+油圧チルトジブ

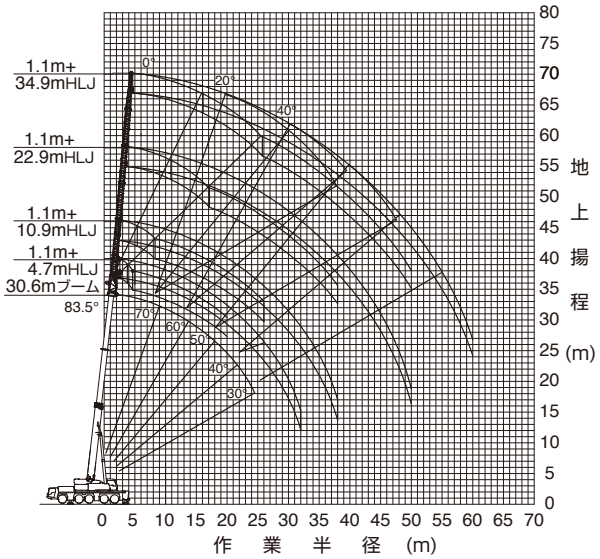


（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

油圧チルトジブ

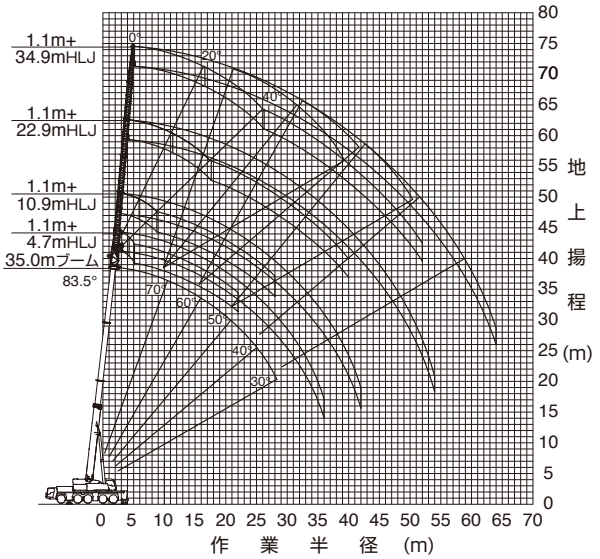
ブーム＋油圧チルトジブ(HLJ)作業半径－揚程図

30.6mブーム+油圧チルトジブ



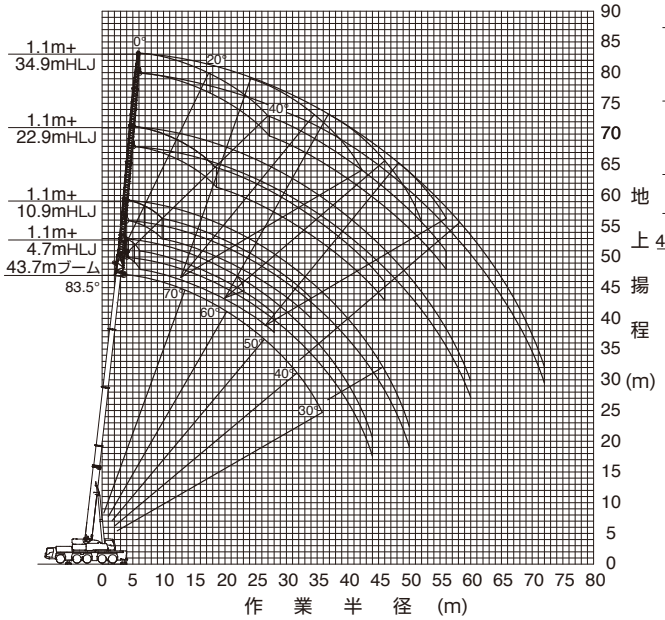
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

35.0mブーム+油圧チルトジブ



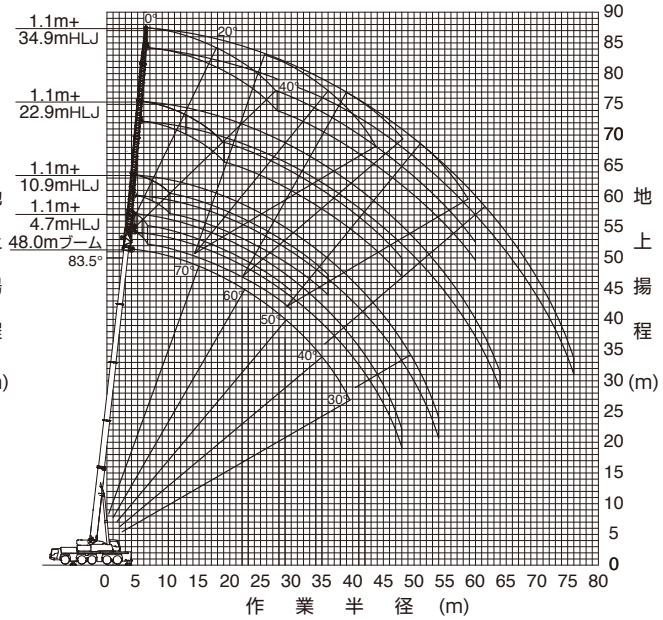
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

43.7mブーム+油圧チルトジブ



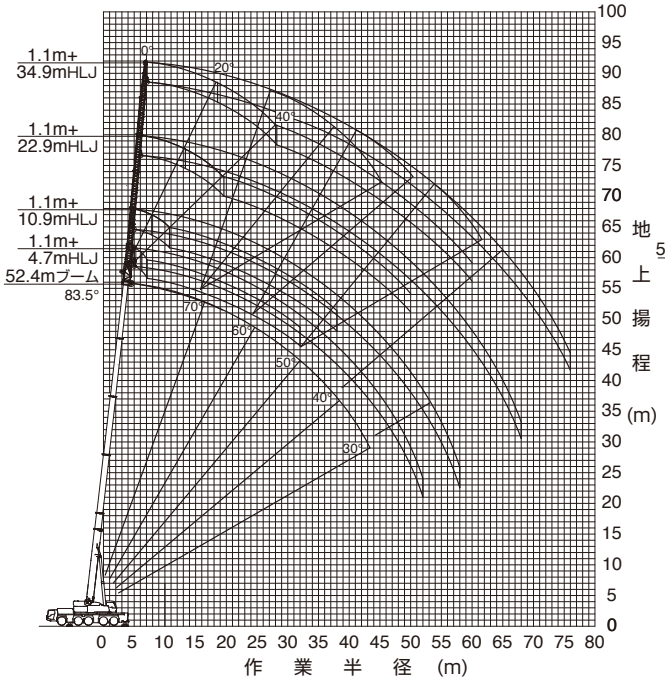
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

48.0mブーム+油圧チルトジブ



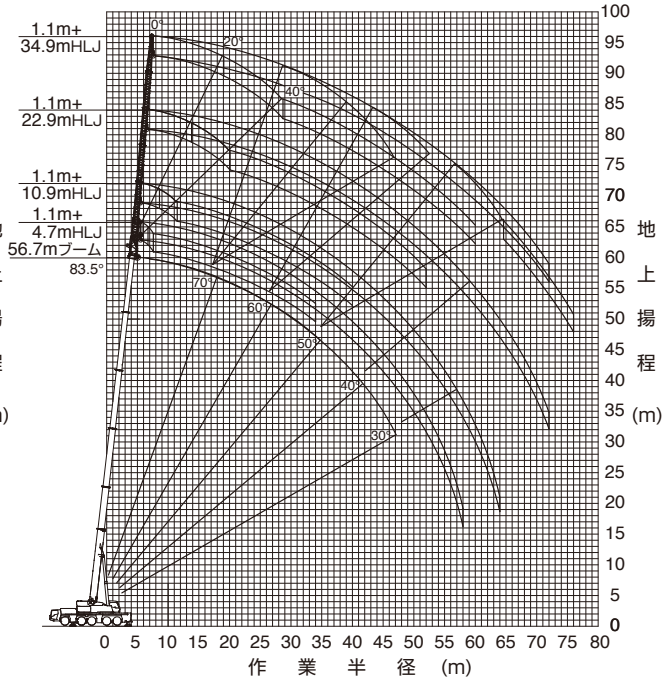
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

52.4mブーム+油圧チルトジブ



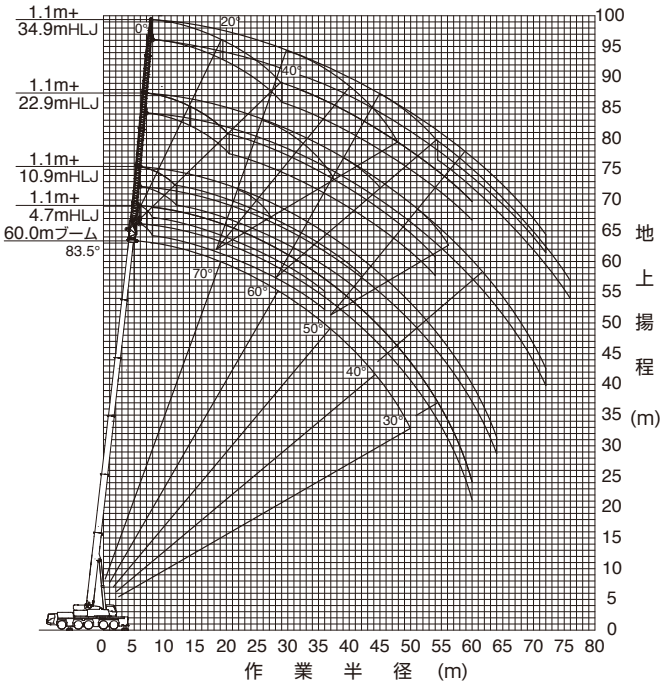
（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

56.7mブーム+油圧チルトジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

60.0mブーム+油圧チルトジブ



（注意） 1. 上図はブームおよびジブのたわみを含んでいません。
2. カウンタウエイト50ｔ、アウトリガ張出幅8.3m時の性能を図示しています。

油圧チルトジブ

ブーム＋油圧チルトジブ(HLJ)定格総荷重表

■ 定格総荷重表注意事項

◆性能設定のあるカウンタウエイトとアウトリガ張出幅の組合せを、下表に○印で示します。

アウトリガ張出幅 ＼ カウンタウエイト	50 t	36 t	24 t	12 t	0 t
8.3 m	○	○	○	○	○
7.0 m	○	○	○	○	
5.6 m		○	○	○	
4.6 m				○	

※同じブーム長さでも、ブームの伸長状態によって定格総荷重が異なります。

◆B ピン（ブーム固定ピン）を挿入していないときの定格総荷重は 22.0tに制限されます。
◆定格総荷重は、つり具質量とフック質量（60tフック: 800kg、26tフック: 450kg、8.7tフック:300kg）を含んだ値を示します。
◆定格総荷重は、ブームとジブのたわみを含んだ実際の作業半径に基づいています。
◆定格総荷重表中の標準巻掛本数より少ない本数で使用する場合、最大荷重の上限は下表のとおりです。

巻掛本数	6本	5本	4本	3本	2本	1本
最大荷重	50.6t	42.3t	33.9t	25.5t	17.1t	8.7t

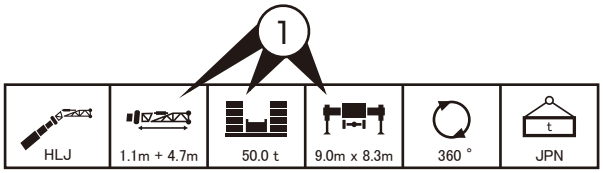
◆定格総荷重はアウトリガを水平堅土上に設置したときの値で、太線より上側はクレーンの強度に基づき、下側はクレーンの安定に基づいています。
◆定格総荷重表は、風による影響を含んでいません。瞬間最大風速が10m／s以上の風速では、クレーン作業を中止してください。

定格総荷重表中のシンボル、記号の説明

MB	ブームの定格総荷重を示します。	m	ブーム長さを示します。
HLJ	油圧チルトジブ (HLJ) の定格総荷重を示します。		ジブのオフセット角度を示し、ブームの中心線とジブの中心線のなす角度を示します。
	油圧チルトジブ (HLJ) のジブ長さを示します。	m	作業半径を示します。
	カウンタウエイト（C/W）組合せを示します。	%	ブーム伸縮状態 (伸縮割合 %) を示します。 IDはブーム伸縮状態に対応する番号を示します。
	アウトリガ張出幅を示します。		無負荷状態で作動可能なブーム起伏角度範囲を示します。
360 °	吊上げ可能な旋回範囲を示します。		標準巻掛本数を示します。
t JPN	定格総荷重の単位を示します。		標準フックを示します。

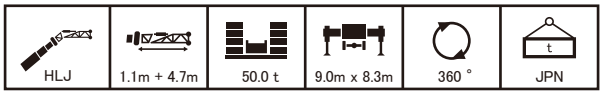
■ 定格総荷重表の見方

1. アウトリガ張出幅とカウンタウエイトの質量とジブ長さに応じた性能を選択します。
2. ブーム長さとIDとオフセット角度の欄を見ます。
3. 作業半径を見ます。
4. オフセット角度と作業半径が交差するところが定格総荷重です。



	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0	45.4																								3.0
	3.5	43.0																								3.5
	4.0	40.8	29.7																							4.0
	4.5	38.9	28.7																							4.5
	5.0	37.1	27.8	22.8		31.1																				5.0
	6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
	7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
	8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
	9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
	10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
	11.0	24.4	20.8	18.8	33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
	12.0	22.8	19.9	18.5	31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
	14.0	19.8	18.1		29.3	22.9	19.7	15.5	14.5	13.8	29.2	23.6	20.1	25.8	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
	16.0	17.3			27.1	21.8	19.2	14.2	13.4	12.9	26.7	22.2	19.5	23.6	23.1	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
	18.0				25.3	20.9	18.7	13.2	12.5	12.1	24.5	21.0	19.1	21.8	21.3	19.4	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
	20.0				22.6	20.0	18.4	12.3	11.7	11.4	21.9	20.0	18.7	20.2	19.8	19.0	16.1	14.8	13.9	11.1	10.8	10.5	14.6	13.5	12.8	20.0
	22.0				19.4	19.0		11.6	11.1		18.7	19.1	18.4	18.8	18.5	18.3	15.3	14.1	13.4	10.4	10.1	9.9	14.0	12.9	12.3	22.0
	24.0				16.8	17.1		10.9	10.6		16.1	16.5	16.7	16.6	17.0	17.2	14.7	13.6	13.0	9.8	9.5	9.3	13.4	12.5	11.9	24.0
	26.0				14.7	14.9		10.4	10.1		14.0	14.3		14.5	14.8	15.0	14.1	13.1	12.6	9.2	9.0	8.9	12.9	12.1	11.6	26.0
	28.0				13.0			9.9			12.3	12.5		12.7	13.0		13.6	12.7		8.7	8.5		12.4	11.7	11.3	28.0
	30.0										10.8	11.0		11.2	11.4		12.4	12.4		8.3	8.2		11.6	11.4	11.0	30.0
	32.0										9.5			9.9	10.1		11.1	11.3		7.9	7.8		10.3	10.5	10.7	32.0
	34.0													8.8	9.0		10.0	10.1		7.6	7.5		9.2	9.4		34.0
	36.0													7.9			9.0			7.3			8.2	8.4		36.0
	38.0																						7.3	7.5		38.0
	40.0																						6.5	6.6		40.0
	42.0																						5.8	5.9		42.0
	44.0																						5.1			44.0
	46.0																						4.5			46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
	2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~79.6	0~83.5	0~83.5	21~79.6	32~83.5	52~83.5	21~74	33~83.5	53~83.5	22~79.6	32~83.5	50~83.5	23~79.6	32~83.5	53~83.5	22~74	31~83.5	52~83.5	23~74	32~83.5	53~83.5	15~74	31~83.5	53~83.5	[DEG]
		6	6	6	6	6	6	3	3	3	5		5	4	4	4	3	3	3	3	3	3	3	3	3	
		60t	60t	60t	60t	60t	60t	26t	26t	26t	60t		60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		29.3	22.9	19.7	15.5	14.5	13.8	29.2	23.7	20.1	25.8	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				27.1	21.8	19.2	14.2	13.4	12.9	26.7	22.6	19.5	23.6	23.1	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				25.3	20.9	18.7	13.2	12.5	12.1	24.5	21.7	19.1	21.8	21.3	19.4	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
20.0				22.6	20.0		12.3	11.7		21.9	20.9	18.7	20.2	19.8	19.0	16.1	14.8	13.9	11.1	10.8	10.5	14.6	13.5	12.8	20.0
22.0				19.4	19.0		11.6	11.1		18.7	19.1		18.8	18.5	18.3	15.3	14.1	13.4	10.4	10.1	9.9	14.0	12.9	12.3	22.0
24.0				16.8	17.1		10.9	10.6		16.1	16.5		16.6	17.0		14.7	13.6		9.8	9.5		13.4	12.5	11.9	24.0
26.0				14.7			10.4			14.0	14.3		14.5	14.8		14.1	13.1		9.2	9.0		12.9	12.1	11.6	26.0
28.0				13.0			9.9			12.3	12.5		12.7	13.0		13.6	12.7		8.7	8.5		12.4	11.7	11.3	28.0
30.0										10.8			11.2	11.4		12.4	12.4		8.3	8.2		11.6	11.4		30.0
32.0										9.5			9.9	10.1		11.1	11.3		7.9	7.8		10.3	10.5		32.0
34.0													8.8			10.0			7.6			9.2	9.4		34.0
36.0													7.9			9.0			7.3			8.2	8.4		36.0
38.0																						7.3	7.5		38.0
40.0																						6.5			40.0
42.0																						5.8			42.0
44.0																						5.1			44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
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1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	21~79.6	40~83.5	57~83.5	21~74	40~83.5	58~83.5	22~79.6	39~83.5	59~83.5	23~79.6	38~83.5	60~83.5	22~74	37~83.5	59~83.5	23~74	38~83.5	60~83.5	24~74	41~83.5	59~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	26t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	13.4	12.4	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	12.8	12.0	11.4	11.5	11.0	10.7	11.1	10.6	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.7	9.3	9.2	12.1	11.5	11.1	11.0	10.5	10.2	10.6	10.1	9.8	9.2	8.9	8.7	8.9	8.6	8.3	8.3	8.0	7.8				24.0
26.0	9.2	8.9	8.7	11.5	11.1	10.7	10.3	10.0	9.8	10.1	9.7	9.5	8.8	8.5	8.3	8.5	8.2	8.0	8.0	7.7	7.5				26.0
28.0	8.8	8.5	8.4	10.9	10.7	10.4	9.7	9.6	9.4	9.6	9.3	9.1	8.4	8.1	8.0	8.2	7.9	7.8	7.6	7.4	7.2				28.0
30.0	8.4	8.1		10.3	10.2	10.1	9.2	9.1	9.1	9.1	9.0	8.8	8.1	7.8	7.7	7.8	7.6	7.5	7.3	7.1	7.0				30.0
32.0	8.0	7.8		9.8	9.7		8.8	8.7		8.7	8.6	8.5	7.8	7.5	7.4	7.5	7.3	7.2	7.0	6.8	6.7				32.0
34.0	7.6	7.5		9.3	9.3		8.3	8.3		8.3	8.2		7.5	7.3		7.3	7.1	7.0	6.8	6.6	6.5				34.0
36.0	7.3	7.2		8.3	8.5		7.9	7.9		7.9	7.8		7.2	7.0		7.0	6.8		6.5	6.4	6.3				36.0
38.0	7.0	6.9		7.5	7.6		7.5	7.5		7.6	7.5		6.9	6.8		6.8	6.6		6.3	6.2					38.0
40.0	6.7			6.6	6.8		7.1	7.1		6.9	7.0		6.6	6.5		6.6	6.4		6.1	6.0					40.0
42.0	6.4			5.9	6.0		6.7	6.8		6.1	6.3		6.3	6.2		6.3	6.3		5.8	5.8					42.0
44.0	6.2			5.2			6.0			5.5	5.6		5.9	5.9		5.8	5.9		5.6	5.6					44.0
46.0				4.6			5.4			4.9	5.0		5.6	5.6		5.2	5.3		5.2	5.3					46.0
48.0				4.1			4.9			4.3			5.2			4.6	4.8		4.6	4.7					48.0
50.0										3.8			4.7			4.1			4.1	4.2					50.0
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54.0																3.3			3.2						54.0
56.0																2.9			2.9						56.0
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76.0																									76.0
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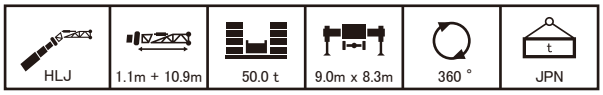
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	25~74	41~83.5	59~83.5	25~74	40~83.5	60~83.5	25~74	41~83.5	60~83.5	26~74	40~83.5	61~83.5	26~74	40~83.5	61~83.5	20~74	43~83.5	62~83.5	24~74	41~83.5	62~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				



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3.5																									3.5
4.0																									4.0
4.5																									4.5
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7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	12.2	9.3	7.9	12.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	11.3	8.9	7.6	11.9	9.2	7.8	11.6	9.0	7.8	9.1	8.5	7.7	11.3	9.5	8.2	22.0
24.0				9.7	8.1	7.3	8.9	8.0	7.3	10.5	8.5	7.5	11.1	8.8	7.6	10.9	8.7	7.6	8.6	8.1	7.6	10.8	9.2	8.0	24.0
26.0				9.1	7.8		8.4	7.7		9.8	8.2	7.3	10.4	8.4	7.4	10.2	8.4	7.4	8.0	7.6	7.3	10.3	8.8	7.8	26.0
28.0				8.5	7.5		7.9	7.4		9.3	7.9		9.8	8.1	7.3	9.7	8.1	7.3	7.6	7.3	7.0	9.9	8.6	7.6	28.0
30.0				8.0	7.3		7.5	7.1		8.8	7.6		9.3	7.9		9.2	7.8		7.2	6.9		9.5	8.3	7.5	30.0
32.0				7.6			7.2			8.3	7.4		8.8	7.6		8.7	7.6		6.8	6.6		9.2	8.1	7.4	32.0
34.0				7.3			6.9			7.9	7.2		8.4	7.4		8.3	7.4		6.5	6.3		8.9	7.8	7.3	34.0
36.0										7.6			8.1	7.3		8.0	7.3		6.2	6.0		8.6	7.7		36.0
38.0										7.3			7.7			7.7			5.9			7.8	7.5		38.0
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46.0																						5.1			46.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	26~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	26~76	42~83.5	61~83.5	27~76	45~83.5	62~83.5	27~76	45~83.5	62~83.5	28~76	46~83.5	63~83.5	28~76	44~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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3.5																									3.5
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4.5																									4.5
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9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
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24.0	8.4	7.7	7.1	10.1	8.8	8.0	9.4	8.6	7.8	9.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	9.7	8.5	7.8	9.0	8.3	7.5	8.7	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	9.3	8.2	7.5	8.6	7.9	7.3	8.3	7.7	7.0	7.3	6.7	6.2	7.0	6.3	6.0	6.6	6.0	5.6				28.0
30.0	7.2	6.8	6.4	9.0	7.9	7.3	8.2	7.6	7.1	8.0	7.4	6.8	7.0	6.4	6.0	6.7	6.1	5.8	6.3	5.8	5.5				30.0
32.0	6.9	6.5	6.2	8.7	7.7	7.1	7.9	7.3	6.9	7.7	7.1	6.7	6.7	6.2	5.8	6.5	5.9	5.6	6.1	5.6	5.3				32.0
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38.0	6.1	5.8		7.7	7.1		6.9	6.6		6.9	6.4	6.1	6.0	5.7	5.3	5.8	5.4	5.2	5.4	5.1	4.9				38.0
40.0	5.9	5.6		7.0	7.0		6.6	6.4		6.6	6.3		5.8	5.5		5.6	5.3	5.0	5.2	4.9	4.7				40.0
42.0	5.7	5.5		6.3	6.7		6.3	6.2		6.3	6.1		5.6	5.3		5.4	5.1		5.0	4.8	4.6				42.0
44.0	5.5	5.3		5.7	6.0		6.0	6.0		5.8	5.9		5.4	5.2		5.2	5.0		4.9	4.6					44.0
46.0	5.2			5.1	5.4		5.7	5.7		5.2	5.6		5.2	5.0		5.1	4.8		4.8	4.5					46.0
48.0	5.0			4.5	4.8		5.2	5.4		4.7	5.0		5.0	4.9		4.9	4.7		4.6	4.4					48.0
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ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	29~76	44~83.5	61~83.5	28~76	43~83.5	62~83.5	29~76	43~83.5	62~83.5	29~76	43~83.5	63~83.5	29~76	43~83.5	63~83.5	25~77	46~83.5	64~83.5	32~77	44~83.5	64~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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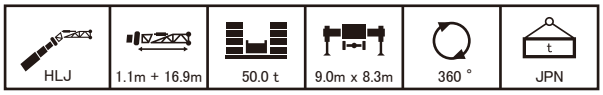

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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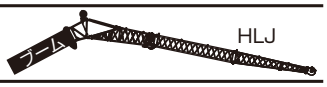
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.9	7.0	5.7	9.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	8.2	6.6	5.5	8.8	6.9	5.7	8.6	6.9	5.5	7.0	6.2	5.6	8.3	7.0	5.8	26.0
28.0				7.0	6.0	5.2	6.6	5.9	5.1	7.6	6.3	5.3	8.1	6.6	5.5	8.0	6.6	5.3	6.6	5.9	5.4	7.9	6.8	5.6	28.0
30.0				6.5	5.7	5.0	6.3	5.6	5.0	7.1	6.0	5.1	7.6	6.3	5.3	7.5	6.3	5.2	6.2	5.7	5.2	7.6	6.5	5.5	30.0
32.0				6.1	5.4		5.9	5.3		6.7	5.7	5.0	7.1	6.0	5.1	7.0	6.0	5.1	5.9	5.4	5.1	7.3	6.3	5.3	32.0
34.0				5.7	5.1		5.6	5.1		6.3	5.5		6.7	5.7	5.0	6.6	5.7	4.9	5.6	5.2	5.0	7.0	6.1	5.2	34.0
36.0				5.4	4.9		5.3	4.9		5.9	5.2		6.4	5.5		6.3	5.5		5.3	5.0		6.8	5.9	5.1	36.0
38.0				5.1			5.0			5.6	5.0		6.0	5.3		6.0	5.3		5.1	4.9		6.6	5.8	5.0	38.0
40.0				4.8			4.8			5.3	4.9		5.7	5.1		5.7	5.1		4.8	4.7		6.3	5.6	4.9	40.0
42.0										5.1			5.5	5.0		5.4	5.0		4.6	4.5		6.2	5.4		42.0
44.0										4.8			5.2			5.2			4.4			6.0	5.2		44.0
46.0													5.0			5.0			4.2			5.6	5.0		46.0
48.0													4.8			4.8			4.0			5.0	4.9		48.0
50.0																						4.5	4.8		50.0
52.0																						4.1			52.0
54.0																						3.6			54.0
56.0																						3.3			56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	25~76	41~83.5	61~83.5	26~76	44~83.5	61~83.5	26~76	44~83.5	61~83.5	27~81	45~83.5	63~83.5	27~81	44~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.8	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	7.5	6.5	5.7	7.1	6.3	5.7	6.8	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	7.2	6.2	5.5	6.9	6.1	5.5	6.8	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	7.0	6.0	5.4	6.6	5.9	5.4	6.5	5.7	5.2	5.6	5.0	4.6	5.4	4.8	4.5	5.1	4.6	4.3				32.0
34.0	5.6	5.1	4.7	6.7	5.8	5.3	6.4	5.7	5.2	6.2	5.5	5.1	5.4	4.8	4.5	5.2	4.7	4.4	4.9	4.4	4.1				34.0
36.0	5.4	4.9	4.6	6.5	5.7	5.1	6.1	5.5	5.1	6.0	5.3	4.9	5.2	4.6	4.4	5.0	4.5	4.2	4.8	4.3	4.0				36.0
38.0	5.2	4.7	4.5	6.3	5.5	5.0	5.9	5.4	5.0	5.8	5.2	4.8	5.0	4.5	4.2	4.9	4.4	4.1	4.6	4.1	3.9				38.0
40.0	5.0	4.6	4.4	6.1	5.4	4.9	5.7	5.2	4.9	5.6	5.0	4.7	4.9	4.4	4.1	4.7	4.2	4.0	4.4	4.0	3.8				40.0
42.0	4.8	4.5		5.9	5.2	4.8	5.5	5.1	4.8	5.4	4.9	4.6	4.7	4.2	4.0	4.6	4.1	3.9	4.3	3.9	3.7				42.0
44.0	4.6	4.4		5.8	5.1		5.3	4.9		5.2	4.8	4.5	4.5	4.1	3.9	4.4	4.0	3.8	4.2	3.8	3.6				44.0
46.0	4.5	4.2		5.5	5.0		5.2	4.8		5.1	4.7		4.4	4.0		4.3	3.9	3.7	4.0	3.7	3.5				46.0
48.0	4.3	4.1		4.9	4.9		4.9	4.7		4.9	4.6		4.3	3.9		4.2	3.8		3.9	3.6	3.4				48.0
50.0	4.2	4.0		4.4	4.8		4.6	4.6		4.5	4.5		4.1	3.9		4.0	3.7		3.8	3.5					50.0
52.0	4.0			4.0	4.4		4.4	4.4		4.1	4.4		4.0	3.8		3.9	3.6		3.7	3.4					52.0
54.0	3.8			3.6	3.9		4.2	4.2		3.6	4.0		3.9	3.7		3.8	3.6		3.5	3.4					54.0
56.0	3.7			3.2			3.8			3.3	3.6		3.7	3.6		3.4	3.5		3.3	3.3					56.0
58.0				2.8			3.4			2.9	3.2		3.5	3.5		3.1	3.4		3.0	3.2					58.0
60.0				2.5			3.1			2.6			3.2			2.7	3.1		2.7	3.0					60.0
64.0										2.0			2.6			2.1			2.1	2.3					64.0
68.0																1.6			1.5						68.0
72.0																			1.1						72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~81	44~83.5	61~83.5	27~81	43~83.5	62~83.5	28~81	43~83.5	62~83.5	28~81	43~83.5	63~83.5	29~81	43~83.5	63~83.5	29~81	46~83.5	64~83.5	27~81	44~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

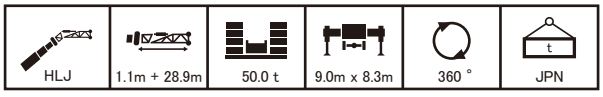


HLJ	1.1m + 22.9m	50.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	6.0	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.4	4.3	3.6	5.8	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.8	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	5.1	4.1	3.5	5.4	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	5.6	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	4.7	3.9	3.4	5.1	4.1	3.5	5.0	4.1	3.5	4.6	4.0	3.4	5.4	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		4.4	3.7	3.3	4.8	3.9	3.4	4.7	3.9	3.4	4.5	3.9	3.4	5.3	4.2	3.5	38.0
40.0				3.8	3.4		3.7	3.3		4.2	3.6		4.5	3.8	3.3	4.5	3.8	3.3	4.3	3.7	3.3	5.0	4.0	3.4	40.0
42.0				3.6	3.2		3.5	3.2		3.9	3.4		4.3	3.6		4.2	3.6		4.0	3.6		4.8	3.9	3.3	42.0
44.0				3.3			3.3			3.7	3.3		4.1	3.5		4.0	3.5		3.8	3.4		4.5	3.8	3.3	44.0
46.0				3.1			3.1			3.5	3.2		3.8	3.3		3.8	3.3		3.6	3.3		4.3	3.6	3.2	46.0
48.0										3.3			3.6	3.2		3.6	3.2		3.5	3.2		4.1	3.5		48.0
50.0										3.1			3.5			3.5			3.3			4.0	3.4		50.0
52.0													3.3			3.3			3.2			3.8	3.3		52.0
54.0													3.1			3.1			3.0			3.7	3.2		54.0
56.0																						3.5	3.1		56.0
58.0																						3.1			58.0
60.0																						2.8			60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	24~81.5	41~83.5	60~83.5	25~81.5	44~83.5	61~83.5	25~81.5	44~83.5	61~83.5	26~81.5	45~83.5	62~83.5	31~81.5	43~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

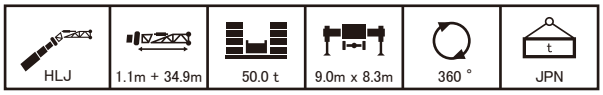
m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.6	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
34.0	4.7	4.2	3.7	5.6	4.6	3.7	5.2	4.5	3.7	5.0	4.5	3.7	4.5	4.0	3.7	4.4	3.9	3.6	4.1	3.7	3.4				34.0
36.0	4.6	4.0	3.6	5.4	4.4	3.6	5.2	4.4	3.6	5.0	4.3	3.7	4.4	3.8	3.5	4.2	3.7	3.4	4.0	3.5	3.3				36.0
38.0	4.4	3.9	3.5	5.2	4.3	3.5	5.0	4.3	3.5	4.9	4.2	3.6	4.2	3.7	3.4	4.1	3.6	3.3	3.9	3.4	3.2				38.0
40.0	4.2	3.8	3.4	5.0	4.2	3.5	4.9	4.1	3.4	4.7	4.1	3.5	4.0	3.6	3.3	3.9	3.5	3.2	3.7	3.3	3.1				40.0
42.0	4.1	3.6	3.3	4.8	4.0	3.4	4.7	4.0	3.4	4.6	4.0	3.4	3.9	3.5	3.2	3.8	3.4	3.1	3.6	3.2	3.0				42.0
44.0	3.9	3.5	3.2	4.7	3.9	3.3	4.5	3.9	3.3	4.4	3.9	3.3	3.8	3.4	3.2	3.7	3.3	3.1	3.5	3.1	2.9				44.0
46.0	3.8	3.4	3.2	4.5	3.8	3.2	4.4	3.7	3.2	4.3	3.8	3.3	3.7	3.3	3.1	3.6	3.2	3.0	3.4	3.0	2.8				46.0
48.0	3.7	3.3		4.3	3.6	3.2	4.2	3.6	3.2	4.2	3.7	3.2	3.6	3.2	3.0	3.4	3.1	2.9	3.3	2.9	2.7				48.0
50.0	3.6	3.2		4.1	3.5		4.1	3.5		4.0	3.6	3.1	3.4	3.1	2.9	3.4	3.0	2.8	3.2	2.8	2.7				50.0
52.0	3.4	3.2		4.0	3.4		3.9	3.4		3.9	3.5		3.4	3.0		3.3	2.9	2.8	3.1	2.8	2.6				52.0
54.0	3.3	3.1		3.8	3.3		3.8	3.3		3.8	3.4		3.3	2.9		3.2	2.9		3.0	2.7	2.5				54.0
56.0	3.1	3.0		3.4	3.3		3.6	3.2		3.4	3.4		3.2	2.9		3.1	2.8		2.9	2.6					56.0
58.0	3.0			3.0	3.2		3.4	3.2		3.0	3.3		3.1	2.8		3.0	2.7		2.7	2.6					58.0
60.0	2.9			2.7	3.1		3.2	3.1		2.7	3.2		3.0	2.8		2.8	2.7		2.6	2.5					60.0
64.0				2.1			2.6			2.1			2.7			2.2	2.6		2.1	2.4					64.0
68.0										1.6			2.2			1.7			1.6	2.0					68.0
72.0																1.3			1.2						72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	32~81.5	44~83.5	61~83.5	31~81.5	43~83.5	62~83.5	32~81.5	43~83.5	62~83.5	31~81.5	49~83.5	63~83.5	32~81.5	49~83.5	63~83.5	32~81.5	48~83.5	64~83.5	37~81.5	47~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.8	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.3	2.8	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.7	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		3.1	2.6	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	3.6	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.9	2.5	2.2	3.1	2.6	2.3	3.1	2.6	2.3	3.0	2.6	2.3	3.5	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.2	2.9	2.5	2.2	3.3	2.7	2.3	46.0
48.0				2.4	2.2		2.3	2.2		2.6	2.3		2.8	2.4		2.8	2.4		2.7	2.4		3.1	2.6	2.2	48.0
50.0				2.2			2.2			2.5	2.2		2.7	2.3		2.6	2.3		2.6	2.3		3.0	2.5	2.2	50.0
52.0										2.3			2.5	2.3		2.5	2.3		2.5	2.2		2.9	2.5		52.0
54.0										2.2			2.4	2.2		2.4	2.2		2.4	2.2		2.7	2.4		54.0
56.0										2.1			2.3			2.3			2.3			2.6	2.3		56.0
58.0													2.2			2.2			2.2			2.5	2.2		58.0
60.0													2.1			2.1			2.1			2.4	2.2		60.0
64.0																						2.2			64.0
68.0																						1.8			68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	23~81.5	44~83.5	60~83.5	24~81.5	43~83.5	61~83.5	24~81.5	43~83.5	61~83.5	26~81.5	45~83.5	62~83.5	26~81.5	46~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.7	3.1	2.6	3.6	3.0	2.6	3.6	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	3.0	2.5	3.4	2.9	2.5	3.3	2.8	2.5	3.1	2.7	2.5				40.0
42.0	3.4	2.8	2.4	3.6	2.9	2.5	3.5	2.9	2.4	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.4	3.0	2.6	2.4				42.0
44.0	3.3	2.8	2.3	3.5	2.9	2.4	3.4	2.8	2.4	3.4	2.8	2.4	3.1	2.8	2.4	3.1	2.7	2.4	2.9	2.5	2.4				44.0
46.0	3.2	2.7	2.3	3.4	2.8	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.0	2.7	2.3	3.0	2.6	2.3	2.8	2.5	2.3				46.0
48.0	3.0	2.6	2.2	3.3	2.7	2.3	3.2	2.7	2.2	3.2	2.7	2.3	2.9	2.6	2.2	2.9	2.5	2.2	2.7	2.4	2.2				48.0
50.0	2.9	2.5	2.2	3.1	2.6	2.2	3.1	2.6	2.2	3.1	2.6	2.2	2.8	2.5	2.2	2.8	2.4	2.2	2.6	2.3	2.1				50.0
52.0	2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.1	3.1	2.6	2.2	2.7	2.4	2.1	2.7	2.4	2.1	2.5	2.2	2.1				52.0
54.0	2.7	2.4		2.9	2.5	2.1	2.8	2.4	2.1	2.9	2.5	2.1	2.7	2.4	2.1	2.6	2.3	2.1	2.4	2.2	2.0				54.0
56.0	2.5	2.3		2.7	2.4		2.7	2.4		2.8	2.5	2.1	2.6	2.3	2.0	2.5	2.2	2.1	2.4	2.1	2.0				56.0
58.0	2.4	2.2		2.6	2.3		2.6	2.3		2.7	2.4		2.5	2.2		2.4	2.2	2.0	2.3	2.0	1.9				58.0
60.0	2.3	2.2		2.5	2.2		2.5	2.2		2.6	2.3		2.4	2.2		2.4	2.1		2.2	2.0	1.9				60.0
64.0	2.2			2.2	2.1		2.3	2.1		2.2	2.2		2.3	2.1		2.3	2.0		2.0	1.9					64.0
68.0	2.1			1.7			2.2			1.7	2.1		2.1	1.9		1.8	1.9		1.7	1.8					68.0
72.0				1.2			1.7			1.2			1.8			1.3	1.7		1.2	1.6					72.0
76.0													1.4												76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~81.5	47~83.5	64~83.5	26~81.5	46~83.5	61~83.5	27~81.5	46~83.5	61~83.5	34~81.5	46~83.5	62~83.5	28~81.5	46~83.5	63~83.5	40~81.5	46~83.5	64~83.5	43~81.5	49~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.4	2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.1	1.8	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		2.0	1.7	1.5	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.3	1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6		1.9	1.7	1.5	2.0	1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5	2.2	1.9	1.5	50.0
52.0				1.6	1.5		1.6	1.5		1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	2.2	1.8	1.5	52.0
54.0				1.5	1.4		1.5	1.4		1.7	1.5		1.8	1.6		1.8	1.6		1.8	1.6		2.0	1.7	1.5	54.0
56.0				1.4			1.4			1.6	1.4		1.7	1.5		1.7	1.5		1.7	1.5		1.9	1.7	1.4	56.0
58.0										1.5			1.6	1.5		1.6	1.5		1.6	1.5		1.9	1.6		58.0
60.0										1.4			1.5	1.4		1.5	1.4		1.5	1.4		1.8	1.6		60.0
64.0													1.4			1.4			1.4			1.6	1.5		64.0
68.0																						1.5	1.4		68.0
72.0																						1.4			72.0
76.0																									76.0
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	27~81.5	44~83.5	60~83.5	28~81.5	43~83.5	60~83.5	28~81.5	43~83.5	61~83.5	30~81.5	44~83.5	62~83.5	29~81.5	43~83.5	62~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9		2.0	1.9					40.0
42.0	2.3	2.0	1.7	2.5	2.0	1.8	2.4	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	2.2	1.9	1.7	2.0	1.8	1.7				42.0
44.0	2.3	1.9	1.7	2.4	2.0	1.7	2.3	1.9	1.7	2.3	1.9	1.7	2.2	1.9	1.7	2.2	1.8	1.7	2.0	1.8	1.7				44.0
46.0	2.2	1.9	1.6	2.3	1.9	1.7	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				46.0
48.0	2.1	1.8	1.5	2.3	1.9	1.6	2.2	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				48.0
50.0	2.1	1.8	1.5	2.2	1.9	1.6	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.5	2.0	1.7	1.5				50.0
52.0	2.0	1.7	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.0	1.7	1.5	2.0	1.7	1.5	1.9	1.6	1.5				52.0
54.0	2.0	1.7	1.4	2.1	1.8	1.5	2.0	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4				54.0
56.0	1.9	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	1.9	1.6	1.4				56.0
58.0	1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	1.8	1.5	1.4				58.0
60.0	1.7	1.5		1.9	1.6	1.3	1.8	1.6	1.3	1.9	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.5	1.3				60.0
64.0	1.6	1.4		1.7	1.5		1.7	1.5		1.8	1.6		1.7	1.5		1.8	1.5		1.7	1.4					64.0
68.0	1.4	1.4		1.6	1.4		1.5	1.4		1.6	1.5		1.6	1.4		1.6	1.4		1.4	1.3					68.0
72.0	1.3			1.3			1.4			1.3	1.4		1.5	1.3		1.3	1.3		1.2	1.2					72.0
76.0							1.3						1.4				1.2			1.1					76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	31~81.5	44~83.5	63~83.5	36~81.5	48~83.5	61~83.5	31~81.5	48~83.5	61~83.5	41~81.5	48~83.5	64~83.5	38~81.5	48~83.5	65~83.5	46~81.5	48~83.5	67~83.5	49~81.5	51~83.5	69~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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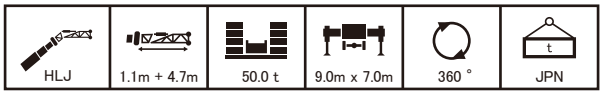
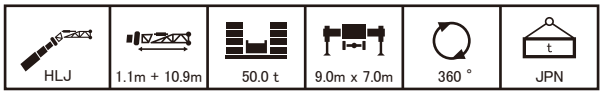


	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0	45.4																								3.0
	3.5	43.0																								3.5
	4.0	40.8	29.7																							4.0
	4.5	38.9	28.7																							4.5
	5.0	37.1	27.8	22.8		31.1																				5.0
	6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
	7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
	8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
	9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
	10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
	11.0	24.4	20.8		33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
	12.0	22.8	19.9		31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
	14.0	19.8	18.1		29.3	22.9	19.7	15.5	14.5	13.8	29.2	23.7	20.1	25.8	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
	16.0				27.1	21.8	19.2	14.2	13.4	12.9	26.7	22.6	19.5	23.6	23.1	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
	18.0				23.3	20.9	18.7	13.2	12.5	12.1	22.6	21.7	19.1	21.8	21.3	19.4	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
	20.0				19.6	20.0		12.3	11.7		18.9	19.4	18.7	19.4	19.8	19.0	16.1	14.8	13.9	11.1	10.8	10.5	14.6	13.5	12.8	20.0
	22.0				16.7	17.1		11.6	11.1		16.0	16.5		16.5	17.0	17.3	15.3	14.1	13.4	10.4	10.1	9.9	14.0	12.9	12.3	22.0
	24.0				14.4	14.7		10.9	10.6		13.7	14.1		14.2	14.6		14.7	13.6		9.8	9.5		13.4	12.5	11.9	24.0
	26.0				12.6			10.4			11.8	12.1		12.3	12.6		13.5	13.1		9.2	9.0		12.7	12.1	11.6	26.0
	28.0				11.0			9.9			10.3	10.5		10.7	11.0		11.9	12.1		8.7	8.5		11.1	11.4	11.3	28.0
m	30.0										9.0			9.4	9.6		10.6	10.7		8.3	8.2		9.7	10.0		30.0
	32.0										7.8			8.2	8.4		9.4	9.5		7.9	7.8		8.6	8.8		32.0
	34.0													7.2			8.4			7.6			7.6	7.8		34.0
	36.0													6.3			7.5			7.3			6.7	6.9		36.0
	38.0																						5.9	6.0		38.0
	40.0																						5.1			40.0
	42.0																						4.5			42.0
	44.0																						3.9			44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
	2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
%	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~79.6	0~83.5	0~83.5	21~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	22~79.6	38~83.5	59~83.5	22~79.6	37~83.5	60~83.5	22~74	37~83.5	59~83.5	23~74	38~83.5	60~83.5	24~74	41~83.5	59~83.5	[DEG]
		6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
		60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

	m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0																									5.0
	6.0																									6.0
	7.0																									7.0
	8.0																									8.0
	9.0		14.5																							9.0
	10.0		14.3	13.4		16.1			15.3																	10.0
	11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
	12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
	14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
	16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
	18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
	20.0	10.8	10.4	10.2	13.4	12.4	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
	22.0	10.2	9.8	9.6	12.8	12.0	11.4	11.5	11.0	10.7	11.1	10.6	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
	24.0	9.7	9.3	9.2	12.1	11.5	11.1	11.0	10.5	10.2	10.6	10.1	9.8	9.2	8.9	8.7	8.9	8.6	8.3	8.3	8.0	7.8				24.0
	26.0	9.2	8.9	8.7	11.5	11.1	10.7	10.3	10.0	9.8	10.1	9.7	9.5	8.8	8.5	8.3	8.5	8.2	8.0	8.0	7.7	7.5				26.0
	28.0	8.8	8.5	8.4	10.9	10.7	10.4	9.7	9.6	9.4	9.6	9.3	9.1	8.4	8.1	8.0	8.2	7.9	7.8	7.6	7.4	7.2				28.0
m	30.0	8.4	8.1		9.9	10.2	10.1	9.2	9.1	9.1	9.1	9.0	8.8	8.1	7.8	7.7	7.8	7.6	7.5	7.3	7.1	7.0				30.0
	32.0	8.0	7.8		8.7	9.0		8.8	8.7		8.7	8.6	8.5	7.8	7.5	7.4	7.5	7.3	7.2	7.0	6.8	6.7				32.0
	34.0	7.6	7.5		7.7	7.9		8.3	8.3		7.9	8.2		7.5	7.3		7.3	7.1	7.0	6.8	6.6	6.5				34.0
	36.0	7.3	7.2		6.8	7.0		7.5	7.7		7.0	7.2		7.2	7.0		7.0	6.8		6.5	6.4	6.3				36.0
	38.0	7.0	6.9		6.0	6.2		6.7	6.9		6.2	6.4		6.9	6.8		6.5	6.6		6.3	6.2					38.0
	40.0	6.7			5.3	5.4		6.0	6.1		5.5	5.7		6.3	6.4		5.8	6.0		5.8	6.0					40.0
	42.0	6.4			4.6	4.7		5.4	5.5		4.8	5.0		5.7	5.8		5.1	5.3		5.1	5.3					42.0
	44.0	5.8			4.0			4.8			4.2	4.4		5.1	5.2		4.5	4.7		4.5	4.7					44.0
	46.0				3.5			4.2			3.7	3.8		4.5	4.6		4.0	4.1		4.0	4.1					46.0
	48.0				3.0			3.7			3.2			4.0			3.5	3.6		3.5	3.6					48.0
	50.0										2.7			3.6			3.1			3.0	3.1					50.0
	52.0										2.3			3.2			2.6			2.6	2.7					52.0
	54.0																2.3			2.2						54.0
	56.0																1.9			1.9						56.0
	58.0																1.6			1.6						58.0
	60.0																			1.3						60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
	2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
	3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
	4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
%	5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
	ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
	[DEG]	25~74	41~83.5	59~83.5	25~74	40~83.5	60~83.5	25~74	40~83.5	60~83.5	25~74	40~83.5	61~83.5	25~74	40~83.5	61~83.5	20~74	43~83.5	62~83.5	24~74	41~83.5	62~83.5				[DEG]
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	12.2	9.3	7.9	12.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	11.3	8.9	7.6	11.9	9.2	7.8	11.6	9.0	7.8	9.1	8.5	7.7	11.3	9.5	8.2	22.0
24.0				9.7	8.1	7.3	8.9	8.0	7.3	10.5	8.5	7.5	11.1	8.8	7.6	10.9	8.7	7.6	8.6	8.1	7.6	10.8	9.2	8.0	24.0
26.0				9.1	7.8		8.4	7.7		9.8	8.2	7.3	10.4	8.4	7.4	10.2	8.4	7.4	8.0	7.6	7.3	10.3	8.8	7.8	26.0
28.0				8.5	7.5		7.9	7.4		9.3	7.9		9.8	8.1	7.3	9.7	8.1	7.3	7.6	7.3	7.0	9.9	8.6	7.6	28.0
30.0				8.0	7.3		7.5	7.1		8.8	7.6		9.3	7.9		9.2	7.8		7.2	6.9		9.5	8.3	7.5	30.0
32.0				7.6			7.2			8.3	7.4		8.8	7.6		8.7	7.6		6.8	6.6		9.1	8.1	7.4	32.0
34.0				7.3			6.9			7.8	7.2		8.0	7.4		8.3	7.4		6.5	6.3		8.1	7.8	7.3	34.0
36.0										6.9			7.1	7.3		8.0	7.3		6.2	6.0		7.2	7.7		36.0
38.0										6.1			6.3			7.3			5.9			6.4	6.8		38.0
40.0													5.6			6.6			5.6			5.7	6.1		40.0
42.0													5.0			6.0			5.4			5.0	5.4		42.0
44.0																						4.5	4.8		44.0
46.0																						3.9			46.0
48.0																						3.5			48.0
50.0																						3.0			50.0
52.0																									52.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	26~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	26~76	42~83.5	61~83.5	26~76	45~83.5	62~83.5	27~76	45~83.5	62~83.5	28~76	46~83.5	63~83.5	27~76	43~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
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4.5																									4.5
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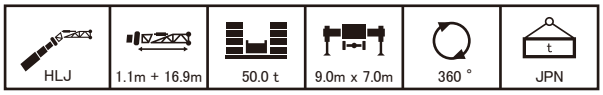
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	10.6	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	10.1	8.8	8.0	9.4	8.6	7.8	9.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	9.7	8.5	7.8	9.0	8.3	7.5	8.7	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	9.3	8.2	7.5	8.6	7.9	7.3	8.3	7.7	7.0	7.3	6.7	6.2	7.0	6.3	6.0	6.6	6.0	5.6				28.0
30.0	7.2	6.8	6.4	9.0	7.9	7.3	8.2	7.6	7.1	8.0	7.4	6.8	7.0	6.4	6.0	6.7	6.1	5.8	6.3	5.8	5.5				30.0
32.0	6.9	6.5	6.2	8.7	7.7	7.1	7.9	7.3	6.9	7.7	7.1	6.7	6.7	6.2	5.8	6.5	5.9	5.6	6.1	5.6	5.3				32.0
34.0	6.6	6.3	6.0	8.0	7.5	6.9	7.6	7.1	6.7	7.4	6.9	6.5	6.4	6.0	5.6	6.2	5.7	5.4	5.8	5.4	5.1				34.0
36.0	6.4	6.0		7.2	7.3	6.8	7.2	6.8	6.5	7.1	6.7	6.3	6.2	5.8	5.5	6.0	5.6	5.3	5.6	5.2	5.0				36.0
38.0	6.1	5.8		6.4	6.9		6.9	6.6		6.5	6.4	6.1	6.0	5.7	5.3	5.8	5.4	5.2	5.4	5.1	4.9				38.0
40.0	5.9	5.6		5.7	6.1		6.3	6.4		5.8	6.3		5.8	5.5		5.6	5.3	5.0	5.2	4.9	4.7				40.0
42.0	5.7	5.5		5.0	5.4		5.7	6.0		5.2	5.6		5.6	5.3		5.4	5.1		5.0	4.8	4.6				42.0
44.0	5.5	5.3		4.4	4.8		5.1	5.4		4.6	5.0		5.3	5.2		4.9	5.0		4.9	4.6					44.0
46.0	5.2			3.9	4.2		4.6	4.9		4.0	4.4		4.8	5.0		4.4	4.8		4.3	4.5					46.0
48.0	5.0			3.4	3.7		4.1	4.4		3.5	3.9		4.3	4.6		3.9	4.2		3.8	4.2					48.0
50.0	4.7			3.0			3.7			3.1	3.4		3.9	4.1		3.4	3.8		3.4	3.7					50.0
52.0				2.6			3.3			2.7	3.0		3.4	3.7		3.0	3.3		3.0	3.3					52.0
54.0				2.2			2.9			2.3			3.1			2.7	2.9		2.6	2.9					54.0
56.0										2.0			2.7			2.3			2.2	2.5					56.0
58.0										1.7			2.4			2.0			1.9	2.1					58.0
60.0																1.7			1.6						60.0
64.0																1.2			1.1						64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	29~76	44~83.5	61~83.5	27~76	43~83.5	62~83.5	28~76	43~83.5	62~83.5	28~76	42~83.5	63~83.5	28~76	43~83.5	63~83.5	24~77	45~83.5	64~83.5	31~77	43~83.5	64~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0																									5.0
	6.0																									6.0
	7.0	14.9																								7.0
	8.0	14.9																								8.0
	9.0	14.8	11.3																	7.9						9.0
	10.0	13.8	10.5		14.6															7.9						10.0
	11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
	12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
	14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
	16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
	18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
	20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
	22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
	24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.9	7.0	5.7	9.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
	26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	8.2	6.6	5.5	8.8	6.9	5.7	8.6	6.9	5.5	7.0	6.2	5.6	8.3	7.0	5.8	26.0
	28.0				7.0	6.0	5.2	6.6	5.9	5.1	7.6	6.3	5.3	8.1	6.6	5.5	8.0	6.6	5.3	6.6	5.9	5.4	7.9	6.8	5.6	28.0
m	30.0				6.5	5.7	5.0	6.3	5.6	5.0	7.1	6.0	5.1	7.6	6.3	5.3	7.5	6.3	5.2	6.2	5.7	5.2	7.6	6.5	5.5	30.0
	32.0				6.1	5.4		5.9	5.3		6.7	5.7	5.0	7.1	6.0	5.1	7.0	6.0	5.1	5.9	5.4	5.1	7.3	6.3	5.3	32.0
	34.0				5.7	5.1		5.6	5.1		6.3	5.5		6.7	5.7	5.0	6.6	5.7	4.9	5.6	5.2	5.0	7.0	6.1	5.2	34.0
	36.0				5.4	4.9		5.3	4.9		5.9	5.2		6.4	5.5		6.3	5.5		5.3	5.0		6.8	5.9	5.1	36.0
	38.0				5.1			5.0			5.6	5.0		6.0	5.3		6.0	5.3		5.1	4.9		6.6	5.8	5.0	38.0
	40.0				4.8			4.8			5.3	4.9		5.7	5.1		5.7	5.1		4.8	4.7		6.2	5.6	4.9	40.0
	42.0										5.1			5.5	5.0		5.4	5.0		4.6	4.5		5.5	5.4		42.0
	44.0										4.8			4.9			5.2			4.4			4.9	5.2		44.0
	46.0													4.3			5.0			4.2			4.4	4.9		46.0
	48.0													3.9			4.8			4.0			3.9	4.3		48.0
	50.0																						3.4	3.8		50.0
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	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
%	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	25~76	41~83.5	61~83.5	25~76	44~83.5	61~83.5	26~76	44~83.5	61~83.5	27~81	45~83.5	63~83.5	26~81	43~83.5	61~83.5	[DEG]
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

	m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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	9.0																									9.0
	10.0																									10.0
	11.0	6.8																								11.0
	12.0	6.8						7.1																		12.0
	14.0	6.8			7.8			7.1			6.8			6.0												14.0
	16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
	18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
	20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
	22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
	24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
	26.0	6.7	5.9	5.5	7.8	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
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m	30.0	6.2	5.4	5.1	7.2	6.2	5.5	6.9	6.1	5.5	6.8	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
	32.0	5.9	5.2	4.9	7.0	6.0	5.4	6.6	5.9	5.4	6.5	5.7	5.2	5.6	5.0	4.6	5.4	4.8	4.5	5.1	4.6	4.3				32.0
	34.0	5.6	5.1	4.7	6.7	5.8	5.3	6.4	5.7	5.2	6.2	5.5	5.1	5.4	4.8	4.5	5.2	4.7	4.4	4.9	4.4	4.1				34.0
	36.0	5.4	4.9	4.6	6.5	5.7	5.1	6.1	5.5	5.1	6.0	5.3	4.9	5.2	4.6	4.4	5.0	4.5	4.2	4.8	4.3	4.0				36.0
	38.0	5.2	4.7	4.5	6.3	5.5	5.0	5.9	5.4	5.0	5.8	5.2	4.8	5.0	4.5	4.2	4.9	4.4	4.1	4.6	4.1	3.9				38.0
	40.0	5.0	4.6	4.4	6.1	5.4	4.9	5.7	5.2	4.9	5.6	5.0	4.7	4.9	4.4	4.1	4.7	4.2	4.0	4.4	4.0	3.8				40.0
	42.0	4.8	4.5		5.5	5.2	4.8	5.5	5.1	4.8	5.4	4.9	4.6	4.7	4.2	4.0	4.6	4.1	3.9	4.3	3.9	3.7				42.0
	44.0	4.6	4.4		4.8	5.1		5.3	4.9		4.9	4.8	4.5	4.5	4.1	3.9	4.4	4.0	3.8	4.2	3.8	3.6				44.0
	46.0	4.5	4.2		4.3	4.9		4.9	4.8		4.4	4.7		4.4	4.0		4.3	3.9	3.7	4.0	3.7	3.5				46.0
	48.0	4.3	4.1		3.8	4.3		4.4	4.7		3.9	4.4		4.3	3.9		4.1	3.8		3.9	3.6	3.4				48.0
	50.0	4.2	4.0		3.4	3.8		4.0	4.4		3.4	3.9		4.1	3.9		3.6	3.7		3.5	3.5					50.0
	52.0	4.0			2.9	3.4		3.6	3.9		3.0	3.5		3.7	3.6		3.2	3.6		3.1	3.4					52.0
	54.0	3.8			2.6	2.9		3.2	3.5		2.6	3.1		3.3	3.7		2.8	3.3		2.7	3.2					54.0
	56.0	3.7			2.2			2.8			2.3	2.7		3.0	3.3		2.5	2.9		2.4	2.8					56.0
	58.0				1.9			2.5			2.0	2.3		2.6	2.9		2.1	2.5		2.1	2.5					58.0
	60.0				1.6			2.2			1.7			2.3			1.8	2.2		1.8	2.1					60.0
	64.0										1.1			1.8			1.3			1.2	1.5					64.0
	68.0																									68.0
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	76.0																									76.0
	1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
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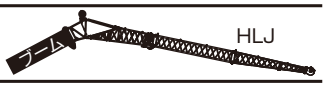
	ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
	[DEG]	28~81	44~83.5	61~83.5	27~81	43~83.5	62~83.5	27~81	43~83.5	62~83.5	27~81	42~83.5	63~83.5	28~81	43~83.5	63~83.5	35~81	45~83.5	64~83.5	39~81	43~83.5	64~83.5				[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



HLJ	1.1m + 22.9m	50.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	6.0	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.4	4.3	3.6	5.8	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.8	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	5.1	4.1	3.5	5.4	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	5.6	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	4.7	3.9	3.4	5.1	4.1	3.5	5.0	4.1	3.5	4.6	4.0	3.4	5.4	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		4.4	3.7	3.3	4.8	3.9	3.4	4.7	3.9	3.4	4.5	3.9	3.4	5.3	4.2	3.5	38.0
40.0				3.8	3.4		3.7	3.3		4.2	3.6		4.5	3.8	3.3	4.5	3.8	3.3	4.3	3.7	3.3	5.0	4.0	3.4	40.0
42.0				3.6	3.2		3.5	3.2		3.9	3.4		4.3	3.6		4.2	3.6		4.0	3.6		4.8	3.9	3.3	42.0
44.0				3.3			3.3			3.7	3.3		4.1	3.5		4.0	3.5		3.8	3.4		4.5	3.8	3.3	44.0
46.0				3.1			3.1			3.5	3.2		3.8	3.3		3.8	3.3		3.6	3.3		4.3	3.6	3.2	46.0
48.0										3.3			3.6	3.2		3.6	3.2		3.5	3.2		4.1	3.5		48.0
50.0										3.1			3.5			3.5			3.3			3.7	3.4		50.0
52.0													3.3			3.3			3.2			3.3	3.3		52.0
54.0													3.0			3.1			3.0			2.9	3.2		54.0
56.0																						2.5	2.9		56.0
58.0																						2.2			58.0
60.0																						1.9			60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
% 5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	24~81.5	41~83.5	60~83.5	25~81.5	44~83.5	61~83.5	25~81.5	44~83.5	61~83.5	26~81.5	45~83.5	62~83.5	30~81.5	43~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.6	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
34.0	4.7	4.2	3.7	5.6	4.6	3.7	5.2	4.5	3.7	5.0	4.5	3.7	4.5	4.0	3.7	4.4	3.9	3.6	4.1	3.7	3.4				34.0
36.0	4.6	4.0	3.6	5.4	4.4	3.6	5.2	4.4	3.6	5.0	4.3	3.7	4.4	3.8	3.5	4.2	3.7	3.4	4.0	3.5	3.3				36.0
38.0	4.4	3.9	3.5	5.2	4.3	3.5	5.0	4.3	3.5	4.9	4.2	3.6	4.2	3.7	3.4	4.1	3.6	3.3	3.9	3.4	3.2				38.0
40.0	4.2	3.8	3.4	5.0	4.2	3.5	4.9	4.1	3.4	4.7	4.1	3.5	4.0	3.6	3.3	3.9	3.5	3.2	3.7	3.3	3.1				40.0
42.0	4.1	3.6	3.3	4.8	4.0	3.4	4.7	4.0	3.4	4.6	4.0	3.4	3.9	3.5	3.2	3.8	3.4	3.1	3.6	3.2	3.0				42.0
44.0	3.9	3.5	3.2	4.7	3.9	3.3	4.5	3.9	3.3	4.4	3.9	3.3	3.8	3.4	3.2	3.7	3.3	3.1	3.5	3.1	2.9				44.0
46.0	3.8	3.4	3.2	4.5	3.8	3.2	4.4	3.7	3.2	4.3	3.8	3.3	3.7	3.3	3.1	3.6	3.2	3.0	3.4	3.0	2.8				46.0
48.0	3.7	3.3		4.0	3.6	3.2	4.2	3.6	3.2	4.1	3.7	3.2	3.6	3.2	3.0	3.4	3.1	2.9	3.3	2.9	2.7				48.0
50.0	3.6	3.2		3.6	3.5		4.1	3.5		3.6	3.6	3.1	3.4	3.1	2.9	3.4	3.0	2.8	3.2	2.8	2.7				50.0
52.0	3.4	3.2		3.1	3.4		3.7	3.4		3.2	3.5		3.4	3.0		3.3	2.9	2.8	3.1	2.8	2.6				52.0
54.0	3.3	3.1		2.8	3.3		3.3	3.3		2.8	3.4		3.3	2.9		2.9	2.9		2.8	2.7	2.5				54.0
56.0	3.1	3.0		2.4	2.9		3.0	3.2		2.5	3.0		3.1	2.9		2.6	2.8		2.5	2.6					56.0
58.0	3.0			2.1	2.5		2.6	3.0		2.1	2.6		2.7	2.8		2.3	2.7		2.2	2.6					58.0
60.0	2.9			1.8	2.2		2.3	2.7		1.8	2.3		2.4	2.8		1.9	2.4		1.9	2.4					60.0
64.0				1.3			1.8			1.3			1.9			1.4	1.8		1.3	1.7					64.0
68.0													1.4							1.2					68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
% 5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	32~81.5	44~83.5	61~83.5	30~81.5	42~83.5	62~83.5	31~81.5	43~83.5	62~83.5	37~81.5	48~83.5	63~83.5	31~81.5	49~83.5	63~83.5	42~81.5	47~83.5	64~83.5	46~81.5	46~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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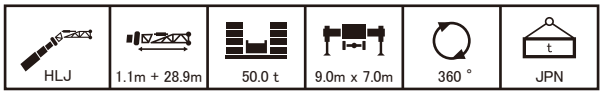
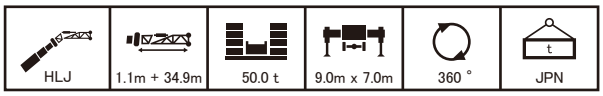


m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.8	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.3	2.8	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.7	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		3.1	2.6	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	3.6	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.9	2.5	2.2	3.1	2.6	2.3	3.1	2.6	2.3	3.0	2.6	2.3	3.5	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.2	2.9	2.5	2.2	3.3	2.7	2.3	46.0
48.0				2.4	2.2		2.3	2.2		2.6	2.3		2.8	2.4		2.8	2.4		2.7	2.4		3.1	2.6	2.2	48.0
50.0				2.2			2.2			2.5	2.2		2.7	2.3		2.6	2.3		2.6	2.3		3.0	2.5	2.2	50.0
52.0										2.3			2.5	2.3		2.5	2.3		2.5	2.2		2.9	2.5		52.0
54.0										2.2			2.4	2.2		2.4	2.2		2.4	2.2		2.7	2.4		54.0
56.0										2.1			2.3			2.3			2.3			2.6	2.3		56.0
58.0													2.2			2.2			2.2			2.4	2.2		58.0
60.0													2.1			2.1			2.1			2.1	2.2		60.0
64.0																						1.5			64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	23~81.5	44~83.5	60~83.5	24~81.5	43~83.5	61~83.5	24~81.5	43~83.5	61~83.5	26~81.5	45~83.5	62~83.5	33~81.5	46~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

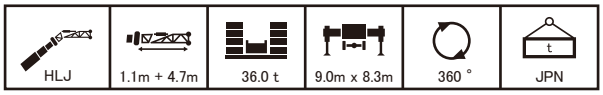
m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.7	3.1	2.6	3.6	3.0	2.6	3.6	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	3.0	2.5	3.4	2.9	2.5	3.3	2.8	2.5	3.1	2.7	2.5				40.0
42.0	3.4	2.8	2.4	3.6	2.9	2.5	3.5	2.9	2.4	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.4	3.0	2.6	2.4				42.0
44.0	3.3	2.8	2.3	3.5	2.9	2.4	3.4	2.8	2.4	3.4	2.8	2.4	3.1	2.8	2.4	3.1	2.7	2.4	2.9	2.5	2.4				44.0
46.0	3.2	2.7	2.3	3.4	2.8	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.0	2.7	2.3	3.0	2.6	2.3	2.8	2.5	2.3				46.0
48.0	3.0	2.6	2.2	3.3	2.7	2.3	3.2	2.7	2.2	3.2	2.7	2.3	2.9	2.6	2.2	2.9	2.5	2.2	2.7	2.4	2.2				48.0
50.0	2.9	2.5	2.2	3.1	2.6	2.2	3.1	2.6	2.2	3.1	2.6	2.2	2.8	2.5	2.2	2.8	2.4	2.2	2.6	2.3	2.1				50.0
52.0	2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.1	3.1	2.6	2.2	2.7	2.4	2.1	2.7	2.4	2.1	2.5	2.2	2.1				52.0
54.0	2.7	2.4		2.9	2.5	2.1	2.8	2.4	2.1	2.9	2.5	2.1	2.7	2.4	2.1	2.6	2.3	2.1	2.4	2.2	2.0				54.0
56.0	2.5	2.3		2.6	2.4		2.7	2.4		2.6	2.5	2.1	2.6	2.3	2.0	2.5	2.2	2.1	2.4	2.1	2.0				56.0
58.0	2.4	2.2		2.2	2.3		2.6	2.3		2.2	2.4		2.5	2.2		2.3	2.2	2.0	2.2	2.0	1.9				58.0
60.0	2.3	2.2		1.9	2.2		2.4	2.2		1.9	2.3		2.4	2.2		2.0	2.1		1.9	2.0	1.9				60.0
64.0	2.2			1.4	1.8		1.9	2.1		1.4	1.9		1.9	2.1		1.5	2.0		1.4	1.9					64.0
68.0	2.1						1.4				1.3		1.5	1.9			1.5			1.4					68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~81.5	47~83.5	64~83.5	39~81.5	45~83.5	61~83.5	33~81.5	46~83.5	61~83.5	43~81.5	45~83.5	62~83.5	39~81.5	46~83.5	63~83.5	48~81.5	50~83.5	64~83.5	51~81.5	53~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.4	2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.1	1.8	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		2.0	1.7	1.5	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.3	1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6		1.9	1.7	1.5	2.0	1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5	2.2	1.9	1.5	50.0
52.0				1.6	1.5		1.6	1.5		1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	2.2	1.8	1.5	52.0
54.0				1.5	1.4		1.5	1.4		1.7	1.5		1.8	1.6		1.8	1.6		1.8	1.6		2.0	1.7	1.5	54.0
56.0				1.4			1.4			1.6	1.4		1.7	1.5		1.7	1.5		1.7	1.5		1.9	1.7	1.4	56.0
58.0										1.5			1.6	1.5		1.6	1.5		1.6	1.5		1.9	1.6		58.0
60.0										1.4			1.5	1.4		1.5	1.4		1.5	1.4		1.8	1.6		60.0
64.0													1.4			1.4			1.4			1.6	1.5		64.0
68.0																						1.1	1.4		68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	27~81.5	44~83.5	60~83.5	28~81.5	43~83.5	60~83.5	28~81.5	43~83.5	61~83.5	29~81.5	44~83.5	62~83.5	35~81.5	43~83.5	62~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9		2.0	1.9					40.0
42.0	2.3	2.0	1.7	2.5	2.0	1.8	2.4	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	2.2	1.9	1.7	2.0	1.8	1.7				42.0
44.0	2.3	1.9	1.7	2.4	2.0	1.7	2.3	1.9	1.7	2.3	1.9	1.7	2.2	1.9	1.7	2.2	1.8	1.7	2.0	1.8	1.7				44.0
46.0	2.2	1.9	1.6	2.3	1.9	1.7	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				46.0
48.0	2.1	1.8	1.5	2.3	1.9	1.6	2.2	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				48.0
50.0	2.1	1.8	1.5	2.2	1.9	1.6	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.5	2.0	1.7	1.5				50.0
52.0	2.0	1.7	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.0	1.7	1.5	2.0	1.7	1.5	1.9	1.6	1.5				52.0
54.0	2.0	1.7	1.4	2.1	1.8	1.5	2.0	1.7	1.4	2.0	1.7	1.5	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4				54.0
56.0	1.9	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	1.9	1.6	1.4				56.0
58.0	1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	1.8	1.5	1.4				58.0
60.0	1.7	1.5		1.9	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.6	1.3	1.8	1.5	1.3				60.0
64.0	1.6	1.4		1.5	1.5		1.7	1.5		1.4	1.6		1.7	1.5		1.5	1.5			1.4					64.0
68.0	1.4	1.4			1.4		1.4	1.4			1.5		1.5	1.4			1.4								68.0
72.0	1.3												1.1	1.3											72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	31~81.5	44~83.5	63~83.5	45~81.5	48~83.5	61~83.5	41~81.5	48~83.5	61~83.5	49~81.5	52~83.5	64~83.5	41~81.5	48~83.5	65~83.5	53~81.5	56~83.5	67~83.5	58~81.5	62~83.5	69~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		29.3	22.9	19.7	15.5	14.5	13.8	29.2	23.7	20.1	25.8	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				25.9	21.8	19.2	14.2	13.4	12.9	25.1	22.6	19.5	23.6	23.1	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				21.3	20.9	18.7	13.2	12.5	12.1	20.6	21.2	19.1	21.1	21.3	19.4	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
20.0				17.9	18.3		12.3	11.7		17.2	17.7	18.0	17.7	18.2	18.6	16.1	14.8	13.9	11.1	10.8	10.5	14.6	13.5	12.8	20.0
22.0				15.2	15.5		11.6	11.1		14.5	14.9		15.0	15.4	15.7	15.3	14.1	13.4	10.4	10.1	9.9	14.0	12.9	12.3	22.0
24.0				13.0	13.3		10.9	10.6		12.3	12.7		12.8	13.2		14.1	13.6		9.8	9.5		13.2	12.5	11.9	24.0
26.0				11.3			10.4			10.6	10.8		11.0	11.3		12.2	12.5		9.2	9.0		11.4	11.8	11.6	26.0
28.0				9.8			9.9			9.1	9.3		9.5	9.8		10.7	11.0		8.7	8.5		9.9	10.2	10.4	28.0
30.0										7.9			8.3	8.5		9.5	9.6		8.3	8.2		8.7	8.9		30.0
32.0										6.8			7.2	7.4		8.4	8.5		7.9	7.8		7.6	7.8		32.0
34.0													6.3			7.4			7.6			6.6	6.8		34.0
36.0													5.4			6.6			7.3			5.8	6.0		36.0
38.0																						5.0	5.2		38.0
40.0																						4.3			40.0
42.0																						3.7			42.0
44.0																						3.2			44.0
46.0																									46.0
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58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	21~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	22~79.6	38~83.5	59~83.5	22~79.6	37~83.5	60~83.5	22~74	37~83.5	59~83.5	23~74	38~83.5	60~83.5	24~74	40~83.5	59~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
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8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
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16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	13.4	12.4	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	12.8	12.0	11.4	11.5	11.0	10.7	11.1	10.6	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.7	9.3	9.2	12.1	11.5	11.1	11.0	10.5	10.2	10.6	10.1	9.8	9.2	8.9	8.7	8.9	8.6	8.3	8.3	8.0	7.8				24.0
26.0	9.2	8.9	8.7	11.5	11.1	10.7	10.3	10.0	9.8	10.1	9.7	9.5	8.8	8.5	8.3	8.5	8.2	8.0	8.0	7.7	7.5				26.0
28.0	8.8	8.5	8.4	10.1	10.4	10.4	9.7	9.6	9.4	9.6	9.3	9.1	8.4	8.1	8.0	8.2	7.9	7.8	7.6	7.4	7.2				28.0
30.0	8.4	8.1		8.8	9.1	9.3	9.2	9.1	9.1	9.0	9.0	8.8	8.1	7.8	7.7	7.8	7.6	7.5	7.3	7.1	7.0				30.0
32.0	8.0	7.8		7.7	8.0		8.4	8.6		7.9	8.2	8.4	7.8	7.5	7.4	7.5	7.3	7.2	7.0	6.8	6.7				32.0
34.0	7.6	7.5		6.8	7.0		7.5	7.7		7.0	7.2		7.5	7.3		7.3	7.1	7.0	6.8	6.6	6.5				34.0
36.0	7.3	7.2		5.9	6.1		6.6	6.8		6.1	6.3		6.9	7.0		6.4	6.6		6.4	6.4	6.3				36.0
38.0	6.9	6.9		5.1	5.3		5.9	6.0		5.4	5.6		6.2	6.3		5.7	5.9		5.7	5.9					38.0
40.0	6.2			4.4	4.6		5.2	5.4		4.7	4.9		5.5	5.6		5.0	5.2		5.0	5.2					40.0
42.0	5.6			3.8	4.0		4.6	4.7		4.1	4.2		4.9	5.0		4.4	4.5		4.4	4.5					42.0
44.0	5.1			3.3			4.0			3.5	3.6		4.3	4.5		3.8	4.0		3.8	3.9					44.0
46.0				2.8			3.5			3.0	3.1		3.8	3.9		3.3	3.4		3.3	3.4					46.0
48.0				2.3			3.1			2.5			3.4			2.8	3.0		2.8	2.9					48.0
50.0										2.1			2.9			2.4			2.4	2.5					50.0
52.0										1.7			2.6			2.0			2.0	2.1					52.0
54.0																1.7			1.7						54.0
56.0																1.4			1.3						56.0
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64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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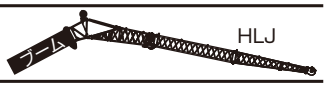
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	24~74	41~83.5	59~83.5	24~74	40~83.5	60~83.5	24~74	40~83.5	60~83.5	25~74	39~83.5	61~83.5	25~74	40~83.5	61~83.5	19~74	42~83.5	62~83.5	32~74	40~83.5	62~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				



HLJ	1.1m + 10.9m	36.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	12.2	9.3	7.9	12.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	11.3	8.9	7.6	11.9	9.2	7.8	11.6	9.0	7.8	9.1	8.5	7.7	11.3	9.5	8.2	22.0
24.0				9.7	8.1	7.3	8.9	8.0	7.3	10.5	8.5	7.5	11.1	8.8	7.6	10.9	8.7	7.6	8.6	8.1	7.6	10.8	9.2	8.0	24.0
26.0				9.1	7.8		8.4	7.7		9.8	8.2	7.3	10.4	8.4	7.4	10.2	8.4	7.4	8.0	7.6	7.3	10.3	8.8	7.8	26.0
28.0				8.5	7.5		7.9	7.4		9.3	7.9		9.8	8.1	7.3	9.7	8.1	7.3	7.6	7.3	7.0	9.9	8.6	7.6	28.0
30.0				8.0	7.3		7.5	7.1		8.8	7.6		9.0	7.9		9.2	7.8		7.2	6.9		9.1	8.3	7.5	30.0
32.0				7.6			7.2			7.7	7.4		8.0	7.6		8.7	7.6		6.8	6.6		8.1	8.1	7.4	32.0
34.0				7.3			6.9			6.8	7.2		7.0	7.4		8.0	7.4		6.5	6.3		7.1	7.7	7.3	34.0
36.0										6.0			6.2	6.6		7.2	7.3		6.2	6.0		6.3	6.8		36.0
38.0										5.3			5.5			6.4			5.9			5.6	6.0		38.0
40.0													4.8			5.8			5.6			4.9	5.3		40.0
42.0													4.2			5.2			5.4			4.3	4.7		42.0
44.0																						3.7	4.1		44.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	26~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	26~76	42~83.5	61~83.5	26~76	45~83.5	62~83.5	26~76	45~83.5	62~83.5	28~76	46~83.5	63~83.5	27~76	43~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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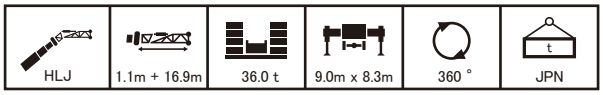
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	10.6	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	10.1	8.8	8.0	9.4	8.6	7.8	9.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	9.7	8.5	7.8	9.0	8.3	7.5	8.7	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	9.3	8.2	7.5	8.6	7.9	7.3	8.3	7.7	7.0	7.3	6.7	6.2	7.0	6.3	6.0	6.6	6.0	5.6				28.0
30.0	7.2	6.8	6.4	9.0	7.9	7.3	8.2	7.6	7.1	8.0	7.4	6.8	7.0	6.4	6.0	6.7	6.1	5.8	6.3	5.8	5.5				30.0
32.0	6.9	6.5	6.2	8.0	7.7	7.1	7.9	7.3	6.9	7.7	7.1	6.7	6.7	6.2	5.8	6.5	5.9	5.6	6.1	5.6	5.3				32.0
34.0	6.6	6.3	6.0	7.1	7.5	6.9	7.6	7.1	6.7	7.2	6.9	6.5	6.4	6.0	5.6	6.2	5.7	5.4	5.8	5.4	5.1				34.0
36.0	6.4	6.0		6.3	6.8	6.8	6.9	6.8	6.5	6.4	6.7	6.3	6.2	5.8	5.5	6.0	5.6	5.3	5.6	5.2	5.0				36.0
38.0	6.1	5.8		5.5	6.0		6.2	6.6		5.7	6.2	6.1	6.0	5.7	5.3	5.8	5.4	5.2	5.4	5.1	4.9				38.0
40.0	5.9	5.6		4.9	5.3		5.5	5.9		5.0	5.5		5.7	5.5		5.4	5.3	5.0	5.2	4.9	4.7				40.0
42.0	5.7	5.5		4.2	4.7		4.9	5.3		4.4	4.8		5.1	5.3		4.8	5.1		4.7	4.8	4.6				42.0
44.0	5.4	5.3		3.7	4.1		4.4	4.7		3.8	4.2		4.6	4.9		4.2	4.6		4.2	4.6					44.0
46.0	4.9			3.2	3.5		3.9	4.2		3.3	3.7		4.1	4.4		3.7	4.1		3.6	4.0					46.0
48.0	4.5			2.7	3.0		3.4	3.7		2.9	3.2		3.6	3.9		3.2	3.6		3.2	3.5					48.0
50.0	4.1			2.3			3.0			2.5	2.8		3.2	3.5		2.8	3.1		2.8	3.1					50.0
52.0				2.0			2.6			2.1	2.3		2.8	3.1		2.4	2.7		2.4	2.7					52.0
54.0				1.6			2.3			1.7			2.5			2.1	2.3		2.0	2.3					54.0
56.0										1.4			2.2			1.7			1.7	1.9					56.0
58.0										1.1			1.9			1.4			1.4	1.6					58.0
60.0																1.2			1.1						60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~76	44~83.5	61~83.5	27~76	42~83.5	62~83.5	27~76	43~83.5	62~83.5	27~76	42~83.5	63~83.5	28~76	42~83.5	63~83.5	32~77	45~83.5	64~83.5	37~77	43~83.5	64~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.9	7.0	5.7	9.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	8.2	6.6	5.5	8.8	6.9	5.7	8.6	6.9	5.5	7.0	6.2	5.6	8.3	7.0	5.8	26.0
28.0				7.0	6.0	5.2	6.6	5.9	5.1	7.6	6.3	5.3	8.1	6.6	5.5	8.0	6.6	5.3	6.6	5.9	5.4	7.9	6.8	5.6	28.0
30.0				6.5	5.7	5.0	6.3	5.6	5.0	7.1	6.0	5.1	7.6	6.3	5.3	7.5	6.3	5.2	6.2	5.7	5.2	7.6	6.5	5.5	30.0
32.0				6.1	5.4		5.9	5.3		6.7	5.7	5.0	7.1	6.0	5.1	7.0	6.0	5.1	5.9	5.4	5.1	7.3	6.3	5.3	32.0
34.0				5.7	5.1		5.6	5.1		6.3	5.5		6.7	5.7	5.0	6.6	5.7	4.9	5.6	5.2	5.0	7.0	6.1	5.2	34.0
36.0				5.4	4.9		5.3	4.9		5.9	5.2		6.4	5.5		6.3	5.5		5.3	5.0		6.8	5.9	5.1	36.0
38.0				5.1			5.0			5.6	5.0		5.9	5.3		6.0	5.3		5.1	4.9		6.0	5.8	5.0	38.0
40.0				4.8			4.8			5.2	4.9		5.3	5.1		5.7	5.1		4.8	4.7		5.4	5.6	4.9	40.0
42.0										4.6			4.7	5.0		5.4	5.0		4.6	4.5		4.7	5.3		42.0
44.0										4.1			4.1			5.0			4.4			4.2	4.8		44.0
46.0													3.6			4.6			4.2			3.7	4.2		46.0
48.0													3.2			4.1			4.0			3.2	3.7		48.0
50.0																						2.8	3.2		50.0
52.0																						2.4			52.0
54.0																						2.1			54.0
56.0																						1.7			56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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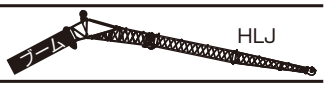
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	25~76	41~83.5	61~83.5	25~76	44~83.5	61~83.5	25~76	44~83.5	61~83.5	27~81	45~83.5	63~83.5	26~81	43~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.8	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	7.5	6.5	5.7	7.1	6.3	5.7	6.8	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	7.2	6.2	5.5	6.9	6.1	5.5	6.8	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	7.0	6.0	5.4	6.6	5.9	5.4	6.5	5.7	5.2	5.6	5.0	4.6	5.4	4.8	4.5	5.1	4.6	4.3				32.0
34.0	5.6	5.1	4.7	6.7	5.8	5.3	6.4	5.7	5.2	6.2	5.5	5.1	5.4	4.8	4.5	5.2	4.7	4.4	4.9	4.4	4.1				34.0
36.0	5.4	4.9	4.6	6.5	5.7	5.1	6.1	5.5	5.1	6.0	5.3	4.9	5.2	4.6	4.4	5.0	4.5	4.2	4.8	4.3	4.0				36.0
38.0	5.2	4.7	4.5	6.0	5.5	5.0	5.9	5.4	5.0	5.8	5.2	4.8	5.0	4.5	4.2	4.9	4.4	4.1	4.6	4.1	3.9				38.0
40.0	5.0	4.6	4.4	5.3	5.4	4.9	5.7	5.2	4.9	5.4	5.0	4.7	4.9	4.4	4.1	4.7	4.2	4.0	4.4	4.0	3.8				40.0
42.0	4.8	4.5		4.7	5.2	4.8	5.3	5.1	4.8	4.8	4.9	4.6	4.7	4.2	4.0	4.6	4.1	3.9	4.3	3.9	3.7				42.0
44.0	4.6	4.4		4.1	4.7		4.7	4.9		4.2	4.8	4.5	4.5	4.1	3.9	4.4	4.0	3.8	4.2	3.8	3.6				44.0
46.0	4.5	4.2		3.6	4.2		4.2	4.7		3.7	4.3		4.4	4.0		3.9	3.9	3.7	3.8	3.7	3.5				46.0
48.0	4.3	4.1		3.1	3.7		3.8	4.2		3.2	3.8		3.9	3.9		3.4	3.8		3.3	3.6	3.4				48.0
50.0	4.2	4.0		2.7	3.2		3.3	3.7		2.8	3.3		3.5	3.9		3.0	3.5		2.9	3.4					50.0
52.0	3.9			2.3	2.7		2.9	3.3		2.4	2.9		3.1	3.5		2.6	3.1		2.5	3.0					52.0
54.0	3.6			2.0	2.3		2.6	2.9		2.1	2.5		2.7	3.1		2.2	2.7		2.2	2.6					54.0
56.0	3.3			1.7			2.3			1.7	2.1		2.4	2.7		1.9	2.3		1.8	2.2					56.0
58.0				1.4			2.0			1.4	1.7		2.1	2.4		1.6	2.0		1.5	1.9					58.0
60.0				1.1			1.7			1.2			1.8			1.3	1.6		1.2	1.6					60.0
64.0													1.3												64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~81	44~83.5	61~83.5	26~81	42~83.5	62~83.5	27~81	43~83.5	62~83.5	34~81	42~83.5	63~83.5	27~81	42~83.5	63~83.5	40~81	44~83.5	64~83.5	44~81	48~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

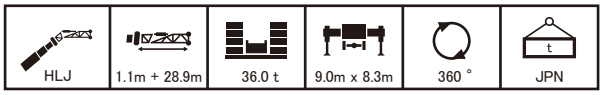


HLJ	1.1m + 22.9m	36.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	6.0	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.4	4.3	3.6	5.8	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.8	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	5.1	4.1	3.5	5.4	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	5.6	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	4.7	3.9	3.4	5.1	4.1	3.5	5.0	4.1	3.5	4.6	4.0	3.4	5.4	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		4.4	3.7	3.3	4.8	3.9	3.4	4.7	3.9	3.4	4.5	3.9	3.4	5.3	4.2	3.5	38.0
40.0				3.8	3.4		3.7	3.3		4.2	3.6		4.5	3.8	3.3	4.5	3.8	3.3	4.3	3.7	3.3	5.0	4.0	3.4	40.0
42.0				3.6	3.2		3.5	3.2		3.9	3.4		4.3	3.6		4.2	3.6		4.0	3.6		4.8	3.9	3.3	42.0
44.0				3.3			3.3			3.7	3.3		4.1	3.5		4.0	3.5		3.8	3.4		4.4	3.8	3.3	44.0
46.0				3.1			3.1			3.5	3.2		3.8	3.3		3.8	3.3		3.6	3.3		3.9	3.6	3.2	46.0
48.0										3.3			3.6	3.2		3.6	3.2		3.5	3.2		3.5	3.5		48.0
50.0										3.1			3.2			3.5			3.3			3.0	3.4		50.0
52.0													2.8			3.3			3.2			2.6	3.2		52.0
54.0													2.5			3.1			3.0			2.3	2.8		54.0
56.0																						2.0	2.4		56.0
58.0																						1.7			58.0
60.0																						1.4			60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	24~81.5	41~83.5	60~83.5	24~81.5	44~83.5	61~83.5	25~81.5	44~83.5	61~83.5	26~81.5	45~83.5	62~83.5	29~81.5	42~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.6	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
34.0	4.7	4.2	3.7	5.6	4.6	3.7	5.2	4.5	3.7	5.0	4.5	3.7	4.5	4.0	3.7	4.4	3.9	3.6	4.1	3.7	3.4				34.0
36.0	4.6	4.0	3.6	5.4	4.4	3.6	5.2	4.4	3.6	5.0	4.3	3.7	4.4	3.8	3.5	4.2	3.7	3.4	4.0	3.5	3.3				36.0
38.0	4.4	3.9	3.5	5.2	4.3	3.5	5.0	4.3	3.5	4.9	4.2	3.6	4.2	3.7	3.4	4.1	3.6	3.3	3.9	3.4	3.2				38.0
40.0	4.2	3.8	3.4	5.0	4.2	3.5	4.9	4.1	3.4	4.7	4.1	3.5	4.0	3.6	3.3	3.9	3.5	3.2	3.7	3.3	3.1				40.0
42.0	4.1	3.6	3.3	4.8	4.0	3.4	4.7	4.0	3.4	4.6	4.0	3.4	3.9	3.5	3.2	3.8	3.4	3.1	3.6	3.2	3.0				42.0
44.0	3.9	3.5	3.2	4.3	3.9	3.3	4.5	3.9	3.3	4.4	3.9	3.3	3.8	3.4	3.2	3.7	3.3	3.1	3.5	3.1	2.9				44.0
46.0	3.8	3.4	3.2	3.8	3.8	3.2	4.4	3.7	3.2	3.9	3.8	3.3	3.7	3.3	3.1	3.6	3.2	3.0	3.4	3.0	2.8				46.0
48.0	3.7	3.3		3.4	3.6	3.2	3.9	3.6	3.2	3.4	3.7	3.2	3.6	3.2	3.0	3.4	3.1	2.9	3.3	2.9	2.7				48.0
50.0	3.6	3.2		2.9	3.5		3.5	3.5		3.0	3.6	3.1	3.4	3.1	2.9	3.1	3.0	2.8	3.0	2.8	2.7				50.0
52.0	3.4	3.2		2.5	3.1		3.1	3.4		2.6	3.2		3.2	3.0		2.7	2.9	2.6	2.6	2.8	2.6				52.0
54.0	3.3	3.1		2.2	2.7		2.7	3.2		2.2	2.8		2.8	2.9		2.3	2.9		2.3	2.7	2.5				54.0
56.0	3.1	3.0		1.9	2.3		2.4	2.9		1.9	2.4		2.5	2.8		2.0	2.6		1.9	2.5					56.0
58.0	3.0			1.5	2.0		2.1	2.5		1.6	2.1		2.2	2.6		1.7	2.2		1.6	2.2					58.0
60.0	2.8			1.3	1.7		1.8	2.2		1.3	1.7		1.9	2.3		1.4	1.9		1.3	1.8					60.0
64.0							1.3						1.4				1.3								64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	32~81.5	44~83.5	61~83.5	36~81.5	42~83.5	62~83.5	30~81.5	42~83.5	62~83.5	42~81.5	47~83.5	63~83.5	37~81.5	48~83.5	63~83.5	46~81.5	47~83.5	64~83.5	49~81.5	55~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.8	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.3	2.8	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.7	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		3.1	2.6	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	3.6	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.9	2.5	2.2	3.1	2.6	2.3	3.1	2.6	2.3	3.0	2.6	2.3	3.5	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.2	2.9	2.5	2.2	3.3	2.7	2.3	46.0
48.0				2.4	2.2		2.3	2.2		2.6	2.3		2.8	2.4		2.8	2.4		2.7	2.4		3.1	2.6	2.2	48.0
50.0				2.2			2.2			2.5	2.2		2.7	2.3		2.6	2.3		2.6	2.3		3.0	2.5	2.2	50.0
52.0										2.3			2.5	2.3		2.5	2.3		2.5	2.2		2.8	2.5		52.0
54.0										2.2			2.4	2.2		2.4	2.2		2.4	2.2		2.4	2.4		54.0
56.0										2.1			2.3			2.3			2.3			2.1	2.3		56.0
58.0													2.0			2.2			2.2			1.8	2.2		58.0
60.0													1.8			2.1			2.1			1.5	2.0		60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
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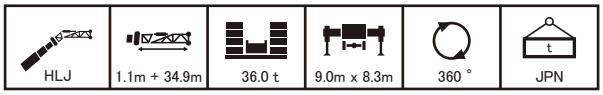
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	23~81.5	44~83.5	60~83.5	24~81.5	43~83.5	61~83.5	24~81.5	43~83.5	61~83.5	26~81.5	45~83.5	62~83.5	38~81.5	45~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.7	3.1	2.6	3.6	3.0	2.6	3.6	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	3.0	2.5	3.4	2.9	2.5	3.3	2.8	2.5	3.1	2.7	2.5				40.0
42.0	3.4	2.8	2.4	3.6	2.9	2.5	3.5	2.9	2.4	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.4	3.0	2.6	2.4				42.0
44.0	3.3	2.8	2.3	3.5	2.9	2.4	3.4	2.8	2.4	3.4	2.8	2.4	3.1	2.8	2.4	3.1	2.7	2.4	2.9	2.5	2.4				44.0
46.0	3.2	2.7	2.3	3.4	2.8	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.0	2.7	2.3	3.0	2.6	2.3	2.8	2.5	2.3				46.0
48.0	3.0	2.6	2.2	3.3	2.7	2.3	3.2	2.7	2.2	3.2	2.7	2.3	2.9	2.6	2.2	2.9	2.5	2.2	2.7	2.4	2.2				48.0
50.0	2.9	2.5	2.2	3.1	2.6	2.2	3.1	2.6	2.2	3.1	2.6	2.2	2.8	2.5	2.2	2.8	2.4	2.2	2.6	2.3	2.1				50.0
52.0	2.8	2.4		2.7	2.5	2.2	2.9	2.5	2.1	2.7	2.6	2.2	2.7	2.4	2.1	2.7	2.4	2.1	2.5	2.2	2.1				52.0
54.0	2.7	2.4		2.3	2.5	2.1	2.8	2.4	2.1	2.3	2.5	2.1	2.7	2.4	2.1	2.4	2.3	2.1	2.3	2.2	2.0				54.0
56.0	2.5	2.3		2.0	2.4		2.5	2.4		2.0	2.5	2.1	2.6	2.3	2.0	2.1	2.2	2.1	2.0	2.1	2.0				56.0
58.0	2.4	2.2		1.7	2.3		2.2	2.3		1.7	2.4		2.3	2.2		1.8	2.2	2.0	1.7	2.0	1.9				58.0
60.0	2.3	2.2		1.4	2.0		1.9	2.2		1.4	2.0		2.0	2.2		1.5	2.1			2.0	1.9				60.0
64.0	2.2				1.3		1.4	1.8			1.4		1.5	1.9			1.5								64.0
68.0	1.8													1.4											68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	27~81.5	47~83.5	64~83.5	43~81.5	45~83.5	61~83.5	39~81.5	45~83.5	61~83.5	47~81.5	49~83.5	62~83.5	44~81.5	45~83.5	63~83.5	51~81.5	54~83.5	64~83.5	55~81.5	60~83.5	64~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



m		13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°		0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0																									5.0
	6.0																									6.0
	7.0	4.6																								7.0
	8.0	4.6																								8.0
	9.0	4.6																								9.0
	10.0	4.6			4.4			3.5																		10.0
	11.0	4.6			4.4			3.5			4.3															11.0
	12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
	14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
	16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
	18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
	20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
	22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
	24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
	26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
	28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
	30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
	32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
	34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
	36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
	38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
	40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
	42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
	44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.4	2.0	1.7	44.0
	46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.1	1.8	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.6	46.0
	48.0				1.8	1.6		1.8	1.6		2.0	1.7	1.5	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.3	1.9	1.6	48.0
	50.0				1.7	1.6		1.7	1.6		1.9	1.7	1.5	2.0	1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5	2.2	1.9	1.5	50.0
	52.0				1.6	1.5		1.6	1.5		1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	2.2	1.8	1.5	52.0
	54.0				1.5	1.4		1.5	1.4		1.7	1.5		1.8	1.6		1.8	1.6		1.8	1.6		2.0	1.7	1.5	54.0
	56.0				1.4			1.4			1.6	1.4		1.7	1.5		1.7	1.5		1.7	1.5		1.9	1.7	1.4	56.0
	58.0										1.5			1.6	1.5		1.6	1.5		1.6	1.5		1.9	1.6		58.0
	60.0										1.4			1.5	1.4		1.5	1.4		1.5	1.4		1.6	1.6		60.0
	64.0													1.4			1.4			1.4			1.1	1.5		64.0
	68.0																							1.1		68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
	2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
%	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	27~81.5	44~83.5	60~83.5	28~81.5	43~83.5	60~83.5	28~81.5	43~83.5	61~83.5	29~81.5	44~83.5	62~83.5	40~81.5	42~83.5	62~83.5	[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m		43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°		0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
	3.0																									3.0
	3.5																									3.5
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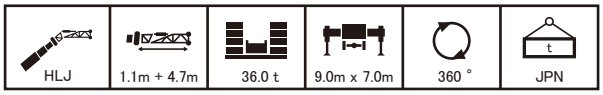
	10.0																									10.0
	11.0																									11.0
	12.0																									12.0
	14.0																									14.0
	16.0	2.9																								16.0
	18.0	2.9			3.2			3.0			3.0			2.7												18.0
	20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
	22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
	24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
	26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
	28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
	30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
	32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
	34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
	36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
	38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
	40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9		2.0	1.9					40.0
	42.0	2.3	2.0	1.7	2.5	2.0	1.8	2.4	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	2.2	1.9	1.7	2.0	1.8	1.7				42.0
	44.0	2.3	1.9	1.7	2.4	2.0	1.7	2.3	1.9	1.7	2.3	1.9	1.7	2.2	1.9	1.7	2.2	1.8	1.7	2.0	1.8	1.7				44.0
	46.0	2.2	1.9	1.6	2.3	1.9	1.7	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				46.0
	48.0	2.1	1.8	1.5	2.3	1.9	1.6	2.2	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				48.0
	50.0	2.1	1.8	1.5	2.2	1.9	1.6	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.5	2.0	1.7	1.5				50.0
	52.0	2.0	1.7	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.0	1.7	1.5	2.0	1.7	1.5	1.9	1.6	1.5				52.0
	54.0	2.0	1.7	1.4	2.1	1.8	1.5	2.0	1.7	1.4	2.0	1.7	1.5	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4				54.0
	56.0	1.9	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	1.9	1.6	1.4				56.0
	58.0	1.8	1.6		1.8	1.7	1.4	1.9	1.7	1.4	1.7	1.7	1.4	1.9	1.6	1.4	1.8	1.6	1.4		1.5	1.4				58.0
	60.0	1.7	1.5		1.5	1.6	1.3	1.8	1.6	1.3	1.5	1.6	1.3	1.8	1.6	1.3		1.6	1.3		1.5	1.3				60.0
	64.0	1.6	1.4			1.5		1.4	1.5			1.6		1.5	1.5			1.5								64.0
	68.0	1.4	1.4						1.4						1.4											68.0
	72.0	1.3																								72.0
	76.0																									76.0
	1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
	2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
	3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
%	4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
	5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
	ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
	[DEG]	31~81.5	44~83.5	63~83.5	49~81.5	52~83.5	61~83.5	45~81.5	48~83.5	61~83.5	52~81.5	56~83.5	64~83.5	49~81.5	53~83.5	64~83.5	57~81.5	59~83.5	67~83.5	61~81.5	65~83.5	69~83.5				[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		27.5	22.9	19.7	15.5	14.5	13.8	26.7	23.7	20.1	25.8	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				21.9	21.8	19.2	14.2	13.4	12.9	21.2	21.9	19.5	21.7	22.5	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				17.9	18.4	18.7	13.2	12.5	12.1	17.2	17.8	18.3	17.7	18.4	18.8	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
20.0				14.9	15.3		12.3	11.7		14.2	14.7	15.0	14.7	15.2	15.6	16.0	14.8	13.9	11.1	10.8	10.5	14.6	13.5	12.8	20.0
22.0				12.5	12.9		11.6	11.1		11.8	12.2		12.3	12.8	13.1	13.6	14.0	13.4	10.4	10.1	9.9	12.7	12.9	12.3	22.0
24.0				10.6	10.9		10.9	10.6		9.9	10.3		10.4	10.8		11.7	12.0		9.8	9.5		10.8	11.2	11.5	24.0
26.0				9.1			10.4			8.4	8.7		8.8	9.2		10.1	10.3		9.2	9.0		9.2	9.6	9.8	26.0
28.0				7.8			9.9			7.1	7.3		7.5	7.8		8.7	9.0		8.7	8.5		7.9	8.2	8.4	28.0
30.0										6.0			6.4	6.6		7.6	7.8		8.3	8.2		6.8	7.1		30.0
32.0										5.1			5.5	5.7		6.6	6.8		7.9	7.8		5.8	6.1		32.0
34.0													4.6			5.8			7.3			5.0	5.2		34.0
36.0													3.9			5.1			6.6			4.2	4.4		36.0
38.0																						3.5	3.7		38.0
40.0																						2.9			40.0
42.0																						2.4			42.0
44.0																						1.9			44.0
46.0																									46.0
48.0																									48.0
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52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	22~79.6	38~83.5	59~83.5	22~79.6	37~83.5	60~83.5	22~74	37~83.5	59~83.5	23~74	38~83.5	60~83.5	23~74	40~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
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4.5																									4.5
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9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	13.4	12.4	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	12.8	12.0	11.4	11.5	11.0	10.7	11.1	10.6	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.7	9.3	9.2	11.0	11.4	11.1	11.0	10.5	10.2	10.6	10.1	9.8	9.2	8.9	8.7	8.9	8.6	8.3	8.3	8.0	7.8				24.0
26.0	9.2	8.9	8.7	9.4	9.8	10.0	10.1	10.0	9.8	9.6	9.7	9.5	8.8	8.5	8.3	8.5	8.2	8.0	8.0	7.7	7.5				26.0
28.0	8.8	8.5	8.4	8.1	8.4	8.6	8.8	9.1	9.3	8.3	8.6	8.9	8.4	8.1	8.0	8.2	7.9	7.8	7.6	7.4	7.2				28.0
30.0	8.4	8.1		7.0	7.2	7.4	7.7	7.9	8.1	7.2	7.5	7.7	8.0	7.8	7.7	7.5	7.6	7.5	7.3	7.1	7.0				30.0
32.0	7.7	7.8		6.0	6.2		6.7	6.9		6.2	6.5	6.6	7.0	7.2	7.4	6.5	6.8	6.9	6.5	6.7	6.7				32.0
34.0	6.9	7.0		5.1	5.4		5.8	6.0		5.4	5.6		6.1	6.3		5.7	5.9	6.0	5.6	5.9	6.0				34.0
36.0	6.1	6.2		4.4	4.6		5.1	5.3		4.6	4.8		5.4	5.6		4.9	5.1		4.9	5.1	5.3				36.0
38.0	5.5	5.6		3.7	3.9		4.5	4.6		3.9	4.1		4.7	4.9		4.2	4.5		4.2	4.4					38.0
40.0	4.9			3.1	3.2		3.8	4.0		3.3	3.5		4.1	4.3		3.6	3.8		3.6	3.8					40.0
42.0	4.4			2.5	2.7		3.3	3.4		2.7	2.9		3.6	3.7		3.1	3.2		3.0	3.2					42.0
44.0	3.9			2.0			2.8			2.2	2.4		3.1	3.2		2.6	2.7		2.5	2.7					44.0
46.0				1.6			2.3			1.8	1.9		2.6	2.7		2.1	2.3		2.1	2.2					46.0
48.0				1.2			1.9			1.4			2.2			1.7	1.8		1.7	1.8					48.0
50.0													1.9			1.3			1.3	1.4					50.0
52.0													1.5												52.0
54.0																									54.0
56.0																									56.0
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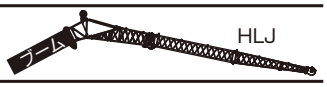
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	24~74	41~83.5	59~83.5	24~74	39~83.5	60~83.5	24~74	39~83.5	60~83.5	34~74	39~83.5	61~83.5	24~74	39~83.5	61~83.5	37~74	42~83.5	62~83.5	42~74	43~83.5	62~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				

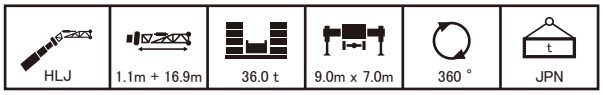


HLJ	1.1m + 10.9m	36.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	12.2	9.3	7.9	12.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	11.3	8.9	7.6	11.9	9.2	7.8	11.6	9.0	7.8	9.1	8.5	7.7	11.3	9.5	8.2	22.0
24.0				9.7	8.1	7.3	8.9	8.0	7.3	10.5	8.5	7.5	11.1	8.8	7.6	10.9	8.7	7.6	8.6	8.1	7.6	10.8	9.2	8.0	24.0
26.0				9.1	7.8		8.4	7.7		9.4	8.2	7.3	9.6	8.4	7.4	10.2	8.4	7.4	8.0	7.6	7.3	9.7	8.8	7.8	26.0
28.0				8.5	7.5		7.9	7.4		8.1	7.9		8.3	8.1	7.3	9.3	8.1	7.3	7.6	7.3	7.0	8.4	8.6	7.6	28.0
30.0				7.7	7.3		7.5	7.1		7.0	7.5		7.2	7.8		8.2	7.8		7.2	6.9		7.3	8.0	7.5	30.0
32.0				6.8			7.2			6.0	6.5		6.2	6.8		7.2	7.6		6.8	6.6		6.3	6.9	7.4	32.0
34.0				6.0			6.9			5.2	5.6		5.4	5.9		6.4	6.8		6.5	6.3		5.5	6.0	6.4	34.0
36.0										4.5			4.7	5.1		5.7	6.0		6.2	6.0		4.8	5.3		36.0
38.0										3.8			4.0			5.0			5.9			4.1	4.6		38.0
40.0													3.4			4.5			5.6			3.5	3.9		40.0
42.0													2.9			4.0			5.2			3.0	3.3		42.0
44.0																						2.5	2.8		44.0
46.0																						2.0			46.0
48.0																						1.7			48.0
50.0																						1.3			50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	26~76	42~83.5	61~83.5	26~76	45~83.5	62~83.5	26~76	45~83.5	62~83.5	28~76	46~83.5	63~83.5	26~76	42~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

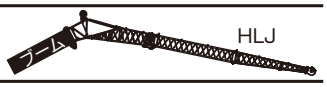
m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	10.6	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	10.1	8.8	8.0	9.4	8.6	7.8	9.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	9.7	8.5	7.8	9.0	8.3	7.5	8.7	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	8.4	8.2	7.5	8.6	7.9	7.3	8.3	7.7	7.0	7.3	6.7	6.2	7.0	6.3	6.0	6.6	6.0	5.6				28.0
30.0	7.2	6.8	6.4	7.3	7.9	7.3	7.9	7.6	7.1	7.4	7.4	6.8	7.0	6.4	6.0	6.7	6.1	5.8	6.3	5.8	5.5				30.0
32.0	6.9	6.5	6.2	6.3	7.0	7.1	7.0	7.3	6.9	6.5	7.1	6.7	6.7	6.2	5.8	6.5	5.9	5.6	6.1	5.6	5.3				32.0
34.0	6.6	6.3	6.0	5.5	6.1	6.5	6.1	6.6	6.7	5.6	6.2	6.5	6.3	6.0	5.6	6.0	5.7	5.4	5.8	5.4	5.1				34.0
36.0	6.4	6.0		4.8	5.3	5.7	5.4	5.9	6.2	4.9	5.4	5.8	5.6	5.8	5.5	5.3	5.6	5.3	5.2	5.2	5.0				36.0
38.0	5.7	5.8		4.1	4.6		4.7	5.2		4.2	4.7	5.1	4.9	5.4	5.3	4.6	5.1	5.2	4.6	5.1	4.9				38.0
40.0	5.1	5.4		3.5	4.0		4.2	4.6		3.6	4.1		4.4	4.8		4.0	4.5	4.8	4.0	4.5	4.7				40.0
42.0	4.6	4.9		2.9	3.4		3.6	4.0		3.1	3.5		3.8	4.2		3.5	3.9		3.4	3.9	4.2				42.0
44.0	4.2	4.4		2.5	2.8		3.1	3.5		2.6	3.0		3.3	3.7		3.0	3.4		2.9	3.3					44.0
46.0	3.8			2.0	2.3		2.7	3.0		2.1	2.5		2.9	3.2		2.5	2.9		2.5	2.9					46.0
48.0	3.4			1.6	1.9		2.3	2.6		1.7	2.1		2.5	2.8		2.1	2.4		2.0	2.4					48.0
50.0	3.0			1.3			1.9			1.4	1.7		2.1	2.4		1.7	2.0		1.7	2.0					50.0
52.0							1.6				1.3		1.8	2.0		1.4	1.7		1.3	1.6					52.0
54.0							1.3						1.5			1.1	1.3			1.3					54.0
56.0													1.2												56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	28~76	44~83.5	61~83.5	35~76	42~83.5	62~83.5	27~76	42~83.5	62~83.5	41~76	41~83.5	63~83.5	31~76	41~83.5	63~83.5	41~77	44~83.5	63~83.5	47~77	47~83.5	63~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.9	7.0	5.7	9.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	8.2	6.6	5.5	8.8	6.9	5.7	8.6	6.9	5.5	7.0	6.2	5.6	8.3	7.0	5.8	26.0
28.0				7.0	6.0	5.2	6.6	5.9	5.1	7.6	6.3	5.3	8.1	6.6	5.5	8.0	6.6	5.3	6.6	5.9	5.4	7.9	6.8	5.6	28.0
30.0				6.5	5.7	5.0	6.3	5.6	5.0	7.1	6.0	5.1	7.6	6.3	5.3	7.5	6.3	5.2	6.2	5.7	5.2	7.6	6.5	5.5	30.0
32.0				6.1	5.4		5.9	5.3		6.6	5.7	5.0	6.7	6.0	5.1	7.0	6.0	5.1	5.9	5.4	5.1	6.8	6.3	5.3	32.0
34.0				5.7	5.1		5.6	5.1		5.8	5.5		5.9	5.7	5.0	6.6	5.7	4.9	5.6	5.2	5.0	6.0	6.1	5.2	34.0
36.0				5.4	4.9		5.3	4.9		5.0	5.2		5.1	5.5		6.0	5.5		5.3	5.0		5.2	5.9	5.1	36.0
38.0				5.1			5.0			4.4	4.9		4.5	5.1		5.4	5.3		5.1	4.9		4.6	5.3	5.0	38.0
40.0				4.6			4.8			3.8	4.3		3.9	4.5		4.8	5.1		4.8	4.7		4.0	4.6	4.9	40.0
42.0										3.3			3.4	3.9		4.3	4.6		4.6	4.5		3.4	4.1		42.0
44.0										2.8			2.9			3.8			4.4			2.9	3.5		44.0
46.0													2.5			3.4			4.2			2.5	3.0		46.0
48.0													2.1			3.0			4.0			2.1	2.5		48.0
50.0																						1.7	2.1		50.0
52.0																						1.4			52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	24~76	41~83.5	61~83.5	24~76	44~83.5	61~83.5	25~76	44~83.5	61~83.5	27~81	45~83.5	63~83.5	34~81	42~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.8	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	7.5	6.5	5.7	7.1	6.3	5.7	6.8	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	7.2	6.2	5.5	6.9	6.1	5.5	6.8	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	6.8	6.0	5.4	6.6	5.9	5.4	6.5	5.7	5.2	5.6	5.0	4.6	5.4	4.8	4.5	5.1	4.6	4.3				32.0
34.0	5.6	5.1	4.7	5.9	5.8	5.3	6.4	5.7	5.2	6.0	5.5	5.1	5.4	4.8	4.5	5.2	4.7	4.4	4.9	4.4	4.1				34.0
36.0	5.4	4.9	4.6	5.2	5.7	5.1	5.8	5.5	5.1	5.3	5.3	4.9	5.2	4.6	4.4	5.0	4.5	4.2	4.8	4.3	4.0				36.0
38.0	5.2	4.7	4.5	4.5	5.3	5.0	5.1	5.4	5.0	4.6	5.2	4.8	5.0	4.5	4.2	4.8	4.4	4.1	4.6	4.1	3.9				38.0
40.0	5.0	4.6	4.4	3.9	4.6	4.9	4.5	5.1	4.9	4.0	4.7	4.7	4.7	4.4	4.1	4.2	4.2	4.0	4.1	4.0	3.8				40.0
42.0	4.8	4.5		3.4	4.0	4.5	4.0	4.6	4.8	3.5	4.1	4.6	4.1	4.2	4.0	3.6	4.1	3.9	3.6	3.9	3.7				42.0
44.0	4.4	4.4		2.9	3.5		3.5	4.0		3.0	3.6	4.1	3.7	4.1	3.9	3.1	3.8	3.8	3.1	3.7	3.6				44.0
46.0	4.0	4.2		2.4	3.0		3.0	3.6		2.5	3.1		3.2	3.7		2.7	3.3	3.7	2.6	3.2	3.5				46.0
48.0	3.6	3.9		2.0	2.5		2.6	3.1		2.1	2.6		2.8	3.3		2.3	2.8		2.2	2.8	3.2				48.0
50.0	3.2	3.5		1.6	2.1		2.2	2.7		1.7	2.2		2.4	2.8		1.9	2.4		1.8	2.4					50.0
52.0	2.9			1.3	1.7		1.9	2.3		1.4	1.8		2.1	2.5		1.6	2.0			2.0					52.0
54.0	2.6				1.3		1.6	1.9			1.5		1.7	2.1			1.7			1.6					54.0
56.0	2.3						1.3						1.4	1.8			1.3								56.0
58.0													1.2	1.5											58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	27~81	44~83.5	61~83.5	40~81	41~83.5	62~83.5	34~81	42~83.5	62~83.5	45~81	47~83.5	63~83.5	37~81	41~83.5	63~83.5	49~81	49~83.5	64~83.5	54~81	54~83.5	63~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



HLJ	1.1m + 22.9m	36.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	6.0	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.4	4.3	3.6	5.8	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.8	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	5.1	4.1	3.5	5.4	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	5.6	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	4.7	3.9	3.4	5.1	4.1	3.5	5.0	4.1	3.5	4.6	4.0	3.4	5.4	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		4.4	3.7	3.3	4.8	3.9	3.4	4.7	3.9	3.4	4.5	3.9	3.4	4.8	4.2	3.5	38.0
40.0				3.8	3.4		3.7	3.3		4.2	3.6		4.4	3.8	3.3	4.5	3.8	3.3	4.3	3.7	3.3	4.3	4.0	3.4	40.0
42.0				3.6	3.2		3.5	3.2		3.8	3.4		3.8	3.6		4.2	3.6		4.0	3.6		3.7	3.9	3.3	42.0
44.0				3.3			3.3			3.3	3.3		3.3	3.5		4.0	3.5		3.8	3.4		3.2	3.8	3.3	44.0
46.0				3.1			3.1			2.8	3.2		2.9	3.3		3.7	3.3		3.6	3.3		2.7	3.5	3.2	46.0
48.0										2.4			2.5	3.0		3.3	3.2		3.5	3.2		2.3	3.0		48.0
50.0										2.1			2.1			2.9			3.3			1.9	2.6		50.0
52.0													1.8			2.6			3.2			1.6	2.1		52.0
54.0													1.5			2.3			3.0			1.3	1.8		54.0
56.0																							1.4		56.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	23~81.5	41~83.5	60~83.5	24~81.5	44~83.5	61~83.5	24~81.5	44~83.5	61~83.5	26~81.5	45~83.5	62~83.5	39~81.5	42~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
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26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.6	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
34.0	4.7	4.2	3.7	5.6	4.6	3.7	5.2	4.5	3.7	5.0	4.5	3.7	4.5	4.0	3.7	4.4	3.9	3.6	4.1	3.7	3.4				34.0
36.0	4.6	4.0	3.6	5.4	4.4	3.6	5.2	4.4	3.6	5.0	4.3	3.7	4.4	3.8	3.5	4.2	3.7	3.4	4.0	3.5	3.3				36.0
38.0	4.4	3.9	3.5	4.7	4.3	3.5	5.0	4.3	3.5	4.8	4.2	3.6	4.2	3.7	3.4	4.1	3.6	3.3	3.9	3.4	3.2				38.0
40.0	4.2	3.8	3.4	4.2	4.2	3.5	4.7	4.1	3.4	4.2	4.1	3.5	4.0	3.6	3.3	3.9	3.5	3.2	3.7	3.3	3.1				40.0
42.0	4.1	3.6	3.3	3.6	4.0	3.4	4.2	4.0	3.4	3.6	4.0	3.4	3.8	3.5	3.2	3.8	3.4	3.1	3.6	3.2	3.0				42.0
44.0	3.9	3.5	3.2	3.1	3.9	3.3	3.7	3.9	3.3	3.1	3.9	3.3	3.8	3.4	3.2	3.3	3.3	3.1	3.2	3.1	2.9				44.0
46.0	3.8	3.4	3.2	2.6	3.4	3.2	3.2	3.7	3.2	2.7	3.5	3.3	3.3	3.3	3.1	2.8	3.2	3.0	2.7	3.0	2.8				46.0
48.0	3.7	3.3		2.2	2.9	3.2	2.8	3.4	3.2	2.3	3.0	3.2	2.9	3.2	3.0	2.4	3.1	2.9	2.3	2.9	2.7				48.0
50.0	3.3	3.2		1.8	2.5		2.4	3.0		1.9	2.6	3.1	2.5	3.1	2.9	2.0	2.7	2.8	1.9	2.7	2.7				50.0
52.0	3.0	3.2		1.5	2.1		2.1	2.6		1.5	2.2		2.2	2.7		1.7	2.3	2.6		2.3	2.6				52.0
54.0	2.7	3.0		1.2	1.7		1.7	2.2			1.8		1.8	2.4			2.0			1.9	2.4				54.0
56.0	2.4	2.7			1.4		1.4	1.9			1.5		1.6	2.0			1.6								56.0
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76.0																									76.0
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2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	31~81.5	44~83.5	61~83.5	44~81.5	47~83.5	62~83.5	39~81.5	42~83.5	62~83.5	50~81.5	51~83.5	63~83.5	44~81.5	47~83.5	63~83.5	54~81.5	55~83.5	64~83.5	58~81.5	60~83.5	63~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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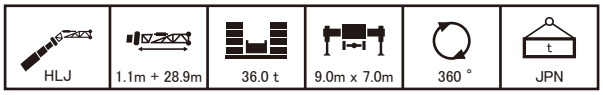

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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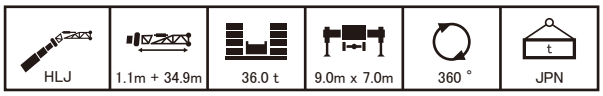
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.8	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.3	2.8	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.7	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		3.1	2.6	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	3.6	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.9	2.5	2.2	3.1	2.6	2.3	3.1	2.6	2.3	3.0	2.6	2.3	3.4	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		2.8	2.4		3.0	2.5	2.2	2.9	2.5	2.2	2.9	2.5	2.2	2.9	2.7	2.3	46.0
48.0				2.4	2.2		2.3	2.2		2.6	2.3		2.7	2.4		2.8	2.4		2.7	2.4		2.5	2.6	2.2	48.0
50.0				2.2			2.2			2.3	2.2		2.3	2.3		2.6	2.3		2.6	2.3		2.1	2.5	2.2	50.0
52.0										2.0			2.0	2.3		2.5	2.3		2.5	2.2		1.8	2.5		52.0
54.0										1.7			1.7	2.2		2.4	2.2		2.4	2.2		1.4	2.1		54.0
56.0										1.4			1.4			2.1			2.3			1.2	1.8		56.0
58.0													1.1			1.8			2.2				1.4		58.0
60.0																1.6			2.1						60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	23~81.5	44~83.5	60~83.5	27~81.5	43~83.5	61~83.5	23~81.5	43~83.5	61~83.5	26~81.5	45~83.5	62~83.5	43~81.5	48~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.7	3.1	2.6	3.6	3.0	2.6	3.6	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	3.0	2.5	3.4	2.9	2.5	3.3	2.8	2.5	3.1	2.7	2.5				40.0
42.0	3.4	2.8	2.4	3.6	2.9	2.5	3.5	2.9	2.4	3.4	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.4	3.0	2.6	2.4				42.0
44.0	3.3	2.8	2.3	3.2	2.9	2.4	3.4	2.8	2.4	3.3	2.8	2.4	3.1	2.8	2.4	3.1	2.7	2.4	2.9	2.5	2.4				44.0
46.0	3.2	2.7	2.3	2.8	2.8	2.3	3.3	2.8	2.3	2.8	2.8	2.3	3.0	2.7	2.3	2.9	2.6	2.3	2.8	2.5	2.3				46.0
48.0	3.0	2.6	2.2	2.4	2.7	2.3	2.9	2.7	2.2	2.4	2.7	2.3	2.9	2.6	2.2	2.5	2.5	2.2	2.4	2.4	2.2				48.0
50.0	2.9	2.5	2.2	2.0	2.6	2.2	2.5	2.6	2.2	2.0	2.6	2.2	2.6	2.5	2.2	2.1	2.4	2.2		2.3	2.1				50.0
52.0	2.8	2.4		1.6	2.4	2.2	2.2	2.5	2.1	1.6	2.5	2.2	2.2	2.4	2.1		2.4	2.1		2.2	2.1				52.0
54.0	2.7	2.4			2.1	2.1	1.8	2.4	2.1		2.1	2.1	1.9	2.4	2.1		2.2	2.1		2.1	2.0				54.0
56.0	2.4	2.3			1.7		1.5	2.2			1.8	2.1	1.6	2.3	2.0		1.9	2.1			2.0				56.0
58.0	2.2	2.2					1.3	1.8					1.3	1.9				2.0							58.0
60.0	1.9	2.2						1.5						1.6											60.0
64.0	1.4																								64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	33~81.5	47~83.5	64~83.5	51~81.5	54~83.5	61~83.5	45~81.5	50~83.5	61~83.5	55~81.5	58~83.5	62~83.5	49~81.5	54~83.5	63~83.5	59~81.5	61~83.5	64~83.5	63~81.5	65~83.5	67~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.4	2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.1	1.8	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		2.0	1.7	1.5	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.3	1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6		1.9	1.7	1.5	2.0	1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5	2.2	1.9	1.5	50.0
52.0				1.6	1.5		1.6	1.5		1.8	1.6		1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4	1.9	1.8	1.5	52.0
54.0				1.5	1.4		1.5	1.4		1.7	1.5		1.8	1.6		1.8	1.6		1.8	1.6		1.6	1.7	1.5	54.0
56.0				1.4			1.4			1.6	1.4		1.5	1.5		1.7	1.5		1.7	1.5			1.7	1.4	56.0
58.0										1.3			1.3	1.5		1.6	1.5		1.6	1.5			1.6		58.0
60.0														1.4		1.5	1.4		1.5	1.4					60.0
64.0																1.2			1.4						64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	31~81.5	43~83.5	60~83.5	37~81.5	43~83.5	60~83.5	27~81.5	43~83.5	60~83.5	29~81.5	44~83.5	62~83.5	50~81.5	55~83.5	62~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
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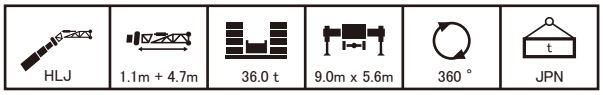
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9		2.0	1.9					40.0
42.0	2.3	2.0	1.7	2.5	2.0	1.8	2.4	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	2.2	1.9	1.7	2.0	1.8	1.7				42.0
44.0	2.3	1.9	1.7	2.4	2.0	1.7	2.3	1.9	1.7	2.3	1.9	1.7	2.2	1.9	1.7	2.2	1.8	1.7	2.0	1.8	1.7				44.0
46.0	2.2	1.9	1.6	2.3	1.9	1.7	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				46.0
48.0	2.1	1.8	1.5	2.3	1.9	1.6	2.2	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	2.1	1.8	1.6	2.0	1.7	1.6				48.0
50.0	2.1	1.8	1.5	2.1	1.9	1.6	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.5		1.7	1.5				50.0
52.0	2.0	1.7	1.5	1.7	1.8	1.5	2.1	1.8	1.5		1.8	1.5	2.0	1.7	1.5		1.7	1.5		1.6	1.5				52.0
54.0	2.0	1.7	1.4		1.8	1.5	1.9	1.7	1.4		1.7	1.5	1.9	1.7	1.4		1.6	1.4		1.6	1.4				54.0
56.0	1.9	1.7	1.4			1.7	1.4	1.6	1.7	1.4		1.7	1.4	1.6	1.4			1.4			1.4				56.0
58.0	1.8	1.6					1.4		1.7	1.4			1.4		1.4						1.4				58.0
60.0	1.7	1.5					1.3		1.6	1.3			1.3		1.3										60.0
64.0	1.4	1.4																							64.0
68.0		1.4																							68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	41~81.5	44~83.5	63~83.5	55~81.5	60~83.5	61~83.5	52~81.5	56~83.5	61~83.5	60~81.5	63~83.5	64~83.5	56~81.5	60~83.5	64~83.5	63~81.5	66~83.5	69~83.5	66~81.5	69~83.5	71~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		31.5	25.0	20.8	17.9	16.5	15.6	30.7	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		27.3	24.2	20.4	17.0	15.8	14.9	26.6	25.0	20.7	27.2	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		21.2	21.9	19.7	15.5	14.5	13.8	20.4	21.3	20.1	21.0	21.8	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				16.9	17.5	17.9	14.2	13.4	12.9	16.2	16.9	17.4	16.7	17.4	17.9	18.0	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				13.7	14.2	14.5	13.2	12.5	12.1	13.0	13.6	14.0	13.5	14.1	14.5	14.8	15.3	14.5	11.9	11.5	11.2	14.0	14.1	13.3	18.0
20.0				11.3	11.7		12.3	11.7		10.6	11.1	11.4	11.1	11.6	11.9	12.4	12.8	13.1	11.1	10.8	10.5	11.5	12.0	12.4	20.0
22.0				9.4	9.7		11.6	11.1		8.7	9.1		9.2	9.6	9.9	10.4	10.8	11.0	10.4	10.1	9.9	9.6	10.0	10.4	22.0
24.0				7.8	8.1		10.4	10.6		7.2	7.5		7.6	8.0		8.8	9.1		9.8	9.5		8.0	8.4	8.7	24.0
26.0				6.6			9.1			5.9	6.2		6.3	6.7		7.5	7.8		9.0	9.0		6.7	7.1	7.3	26.0
28.0				5.5			8.0			4.8	5.1		5.3	5.5		6.4	6.7		7.9	8.1		5.7	6.0	6.1	28.0
30.0										3.9			4.4	4.6		5.5	5.7		7.0	7.1		4.7	5.0		30.0
32.0										3.1			3.5	3.7		4.7	4.9		6.2	6.3		3.9	4.2		32.0
34.0													2.8			4.0			5.5			3.2	3.4		34.0
36.0													2.2			3.4			4.9			2.5	2.7		36.0
38.0																						1.9	2.1		38.0
40.0																						1.4			40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	21~79.6	38~83.5	58~83.5	22~79.6	37~83.5	59~83.5	22~74	36~83.5	59~83.5	23~74	38~83.5	60~83.5	34~74	40~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	11.7	12.2	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	9.8	10.2	10.6	10.5	10.9	10.7	10.0	10.4	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.7	9.3	9.2	8.2	8.6	8.9	8.9	9.3	9.5	8.4	8.8	9.1	9.2	8.9	8.7	8.7	8.6	8.3	8.3	8.0	7.8				24.0
26.0	8.6	8.9	8.7	6.9	7.3	7.5	7.6	7.9	8.2	7.1	7.5	7.7	7.9	8.2	8.3	7.4	7.8	8.0	7.4	7.7	7.5				26.0
28.0	7.5	7.8	7.9	5.8	6.1	6.3	6.5	6.8	7.0	6.0	6.3	6.6	6.8	7.1	7.3	6.3	6.6	6.9	6.3	6.6	6.8				28.0
30.0	6.6	6.8		4.9	5.2	5.3	5.6	5.8	6.0	5.1	5.4	5.6	5.9	6.1	6.3	5.4	5.7	5.9	5.4	5.7	5.9				30.0
32.0	5.8	5.9		4.1	4.3		4.8	5.0		4.3	4.5	4.7	5.0	5.3	5.4	4.6	4.8	5.0	4.6	4.8	5.0				32.0
34.0	5.1	5.2		3.3	3.6		4.1	4.3		3.6	3.8		4.3	4.5		3.9	4.1	4.3	3.9	4.1	4.2				34.0
36.0	4.4	4.6		2.7	2.9		3.4	3.6		2.9	3.1		3.7	3.9		3.2	3.5		3.2	3.4	3.6				36.0
38.0	3.9	4.0		2.1	2.3		2.8	3.0		2.3	2.5		3.1	3.3		2.6	2.8		2.6	2.8					38.0
40.0	3.4			1.6	1.7		2.3	2.5		1.8	2.0		2.6	2.8		2.1	2.3		2.1	2.3					40.0
42.0	2.9			1.1	1.2		1.8	2.0		1.3	1.5		2.2	2.3		1.6	1.8			1.8					42.0
44.0	2.5						1.4						1.7	1.8											44.0
46.0													1.3	1.4											46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	23~74	40~83.5	59~83.5	38~74	39~83.5	59~83.5	34~74	39~83.5	59~83.5	44~74	45~83.5	60~83.5	37~74	38~83.5	60~83.5	49~74	50~83.5	61~83.5	54~74	53~83.5	61~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				

HLJ	1.1m + 10.9m	36.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	11.6	9.3	7.9	11.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	9.7	8.9	7.6	9.9	9.2	7.8	10.9	9.0	7.8	9.1	8.5	7.7	10.0	9.5	8.2	22.0
24.0				8.9	8.1	7.3	8.9	8.0	7.3	8.1	8.5	7.5	8.4	8.8	7.6	9.4	8.7	7.6	8.6	8.1	7.6	8.5	9.2	8.0	24.0
26.0				7.6	7.8		8.4	7.7		6.9	7.6	7.3	7.1	7.9	7.4	8.1	8.4	7.4	8.0	7.6	7.3	7.2	8.0	7.8	26.0
28.0				6.5	7.0		7.9	7.4		5.8	6.4		6.0	6.7	7.2	7.0	7.6	7.3	7.6	7.3	7.0	6.1	6.9	7.4	28.0
30.0				5.6	6.0		7.5	7.1		4.9	5.4		5.1	5.7		6.1	6.6		7.2	6.9		5.2	5.9	6.4	30.0
32.0				4.8			6.8			4.1	4.6		4.3	4.8		5.3	5.7		6.6	6.6		4.4	5.0	5.5	32.0
34.0				4.2			6.2			3.4	3.8		3.6	4.1		4.6	5.0		5.8	6.2		3.7	4.3	4.7	34.0
36.0										2.8			3.0	3.4		4.0	4.3		5.2	5.5		3.1	3.6		36.0
38.0										2.2			2.4			3.5			4.7			2.5	3.0		38.0
40.0													1.9			3.0			4.2			2.0	2.4		40.0
42.0													1.5			2.5			3.8			1.5	1.9		42.0
44.0																						1.1	1.5		44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	25~76	41~83.5	61~83.5	25~76	44~83.5	62~83.5	25~76	44~83.5	62~83.5	27~76	46~83.5	63~83.5	38~76	42~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
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5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	10.0	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	8.5	8.8	8.0	9.1	8.6	7.8	8.6	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	7.2	8.0	7.8	7.8	8.3	7.5	7.3	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	6.1	6.9	7.5	6.8	7.4	7.3	6.2	7.0	7.0	7.0	6.7	6.2	6.7	6.3	6.0	6.6	6.0	5.6				28.0
30.0	6.8	6.8	6.4	5.2	5.9	6.4	5.8	6.5	6.9	5.3	6.0	6.6	6.0	6.4	6.0	5.7	6.1	5.8	5.7	5.8	5.5				30.0
32.0	6.0	6.5	6.2	4.4	5.0	5.5	5.0	5.6	6.0	4.5	5.2	5.6	5.2	5.8	5.8	4.9	5.5	5.6	4.9	5.5	5.3				32.0
34.0	5.3	5.7	6.0	3.7	4.3	4.7	4.3	4.8	5.2	3.8	4.4	4.8	4.5	5.0	5.4	4.2	4.8	5.2	4.2	4.8	5.1				34.0
36.0	4.7	5.1		3.1	3.6	4.0	3.7	4.2	4.5	3.2	3.8	4.1	3.9	4.4	4.7	3.6	4.1	4.5	3.5	4.1	4.5				36.0
38.0	4.1	4.5		2.5	3.0		3.2	3.6		2.6	3.2	3.5	3.4	3.8	4.1	3.0	3.5	3.9	3.0	3.5	3.9				38.0
40.0	3.7	4.0		2.0	2.4		2.7	3.1		2.1	2.6		2.9	3.3		2.5	3.0	3.3	2.4	2.9	3.3				40.0
42.0	3.2	3.5		1.5	1.9		2.2	2.6		1.6	2.1		2.4	2.8		2.0	2.5		2.0	2.4	2.8				42.0
44.0	2.8	3.1			1.5		1.8	2.1			1.6		2.0	2.3			2.0			2.0					44.0
46.0	2.5						1.4	1.7					1.6	1.9			1.6								46.0
48.0	2.1							1.3					1.3	1.6											48.0
50.0	1.8													1.2											50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
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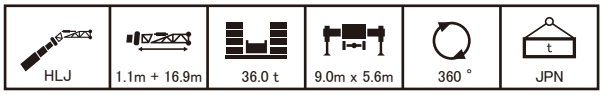
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	27~76	43~83.5	61~83.5	47~76	48~83.5	61~83.5	41~76	41~83.5	61~83.5	51~76	52~83.5	62~83.5	43~76	44~83.5	62~83.5	55~77	53~83.5	63~83.5	57~77	58~83.5	63~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.7	7.0	5.7	8.9	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	7.5	6.6	5.5	7.6	6.9	5.7	8.5	6.9	5.5	7.0	6.2	5.6	7.7	7.0	5.8	26.0
28.0				7.0	6.0	5.2	6.6	5.9	5.1	6.4	6.3	5.3	6.5	6.6	5.5	7.4	6.6	5.3	6.6	5.9	5.4	6.6	6.8	5.6	28.0
30.0				6.2	5.7	5.0	6.3	5.6	5.0	5.5	6.0	5.1	5.6	6.3	5.3	6.4	6.3	5.2	6.2	5.7	5.2	5.7	6.5	5.5	30.0
32.0				5.4	5.4		5.9	5.3		4.7	5.5	5.0	4.8	5.6	5.1	5.6	6.0	5.1	5.9	5.4	5.1	4.9	5.8	5.3	32.0
34.0				4.7	5.1		5.6	5.1		4.0	4.7		4.1	4.8	5.0	4.9	5.6	4.9	5.6	5.2	5.0	4.2	5.0	5.2	34.0
36.0				4.1	4.5		5.3	4.9		3.4	4.0		3.5	4.1		4.3	4.9		5.3	5.0		3.6	4.3	4.9	36.0
38.0				3.6			5.0			2.8	3.4		2.9	3.5		3.8	4.3		5.0	4.9		3.0	3.7	4.2	38.0
40.0				3.1			4.8			2.3	2.8		2.4	3.0		3.3	3.7		4.5	4.7		2.5	3.2	3.6	40.0
42.0										1.8			1.9	2.4		2.9	3.2		4.0	4.3		2.0	2.6		42.0
44.0										1.4			1.5			2.4			3.6			1.6	2.1		44.0
46.0													1.2			2.1			3.3			1.2	1.7		46.0
48.0																1.7			3.0				1.3		48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	24~76	41~83.5	61~83.5	29~76	43~83.5	61~83.5	24~76	44~83.5	61~83.5	26~81	45~83.5	63~83.5	42~81	45~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.7	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	6.6	6.5	5.7	7.1	6.3	5.7	6.7	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	5.6	6.2	5.5	6.2	6.1	5.5	5.7	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	4.8	5.8	5.4	5.4	5.9	5.4	4.9	5.7	5.2	5.6	5.0	4.6	5.1	4.8	4.5	5.0	4.6	4.3				32.0
34.0	5.6	5.1	4.7	4.1	5.0	5.3	4.7	5.5	5.2	4.2	5.1	5.1	4.9	4.8	4.5	4.4	4.7	4.4	4.3	4.4	4.1				34.0
36.0	5.0	4.9	4.6	3.5	4.3	4.9	4.1	4.8	5.1	3.6	4.4	4.9	4.2	4.6	4.4	3.8	4.5	4.2	3.7	4.3	4.0				36.0
38.0	4.4	4.7	4.5	2.9	3.7	4.3	3.5	4.2	4.7	3.0	3.8	4.4	3.7	4.3	4.2	3.2	4.0	4.1	3.1	3.9	3.9				38.0
40.0	3.9	4.4	4.4	2.4	3.1	3.6	3.0	3.6	4.1	2.5	3.2	3.8	3.2	3.8	4.1	2.7	3.4	3.9	2.6	3.4	3.8				40.0
42.0	3.5	3.9		1.9	2.6	3.1	2.5	3.2	3.6	2.0	2.7	3.2	2.7	3.3	3.7	2.2	2.9	3.4	2.1	2.8	3.4				42.0
44.0	3.1	3.5		1.5	2.1		2.1	2.7			2.2	2.7	2.3	2.9	3.2		2.4	2.9		2.4	2.9				44.0
46.0	2.7	3.1			1.7		1.7	2.2			1.8		1.9	2.4			2.0	2.4			2.4				46.0
48.0	2.4	2.7					1.4	1.8					1.5	2.0											48.0
50.0	2.0	2.3						1.5						1.7											50.0
52.0	1.8													1.3											52.0
54.0	1.5																								54.0
56.0	1.2																								56.0
58.0																									58.0
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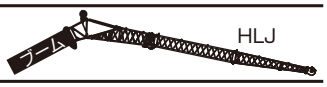
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	26~81	43~83.5	61~83.5	50~81	52~83.5	61~83.5	45~81	47~83.5	61~83.5	55~81	56~83.5	62~83.5	49~81	49~83.5	62~83.5	59~81	59~83.5	63~83.5	61~81	63~83.5	65~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



HLJ	1.1m + 22.9m	36.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	5.9	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.2	4.3	3.6	5.2	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.1	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	4.5	4.1	3.5	4.5	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	4.4	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	3.9	3.9	3.4	3.9	4.1	3.5	4.7	4.1	3.5	4.6	4.0	3.4	3.8	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		3.3	3.7	3.3	3.4	3.9	3.4	4.1	3.9	3.4	4.5	3.9	3.4	3.2	4.2	3.5	38.0
40.0				3.5	3.4		3.7	3.3		2.8	3.5		2.8	3.6	3.3	3.6	3.8	3.3	4.3	3.7	3.3	2.7	3.6	3.4	40.0
42.0				3.1	3.2		3.5	3.2		2.3	3.0		2.4	3.1		3.2	3.6		4.0	3.6		2.2	3.1	3.3	42.0
44.0				2.7			3.3			1.9	2.5		2.0	2.6		2.8	3.3		3.8	3.4		1.8	2.6	3.2	44.0
46.0				2.3			3.1			1.5	2.0		1.6	2.2		2.4	2.9		3.4	3.3		1.4	2.2	2.7	46.0
48.0										1.2			1.2	1.7		2.0	2.5		3.1	3.2			1.7		48.0
50.0																1.7			2.8						50.0
52.0																1.4			2.5						52.0
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76.0																									76.0
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	22~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	28~81.5	40~83.5	60~83.5	36~81.5	43~83.5	61~83.5	23~81.5	43~83.5	61~83.5	25~81.5	45~83.5	62~83.5	48~81.5	53~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.0	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
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36.0	4.6	4.0	3.6	3.7	4.4	3.6	4.2	4.4	3.6	3.8	4.3	3.7	4.3	3.8	3.5	3.9	3.7	3.4	3.8	3.5	3.3				36.0
38.0	4.4	3.9	3.5	3.1	4.1	3.5	3.7	4.3	3.5	3.2	4.2	3.6	3.8	3.7	3.4	3.3	3.6	3.3	3.2	3.4	3.2				38.0
40.0	4.0	3.8	3.4	2.6	3.6	3.5	3.2	4.0	3.4	2.7	3.6	3.5	3.3	3.6	3.3	2.8	3.5	3.2	2.7	3.3	3.1				40.0
42.0	3.6	3.6	3.3	2.1	3.1	3.4	2.7	3.5	3.4	2.2	3.1	3.4	2.8	3.5	3.2	2.3	3.2	3.1		3.2	3.0				42.0
44.0	3.2	3.5	3.2		2.6	3.2	2.3	3.0	3.3		2.6	3.3	2.4	3.2	3.2		2.8	3.1		2.7	2.9				44.0
46.0	2.8	3.3	3.2		2.1	2.7	1.9	2.6	3.1		2.2	2.8	2.0	2.7	3.1		2.3	3.0			2.8				46.0
48.0	2.5	3.0				2.2	1.5	2.2	2.7			2.4	1.7	2.3	2.8			2.5			2.5				48.0
50.0	2.1	2.6						1.8				1.9		2.0	2.4			2.1							50.0
52.0	1.8	2.3						1.5						1.6											52.0
54.0	1.6	1.9																							54.0
56.0	1.3	1.7																							56.0
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4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	33~81.5	43~83.5	61~83.5	56~81.5	59~83.5	61~83.5	50~81.5	52~83.5	61~83.5	59~81.5	62~83.5	62~83.5	54~81.5	56~83.5	62~83.5	62~81.5	64~83.5	65~83.5	65~81.5	68~83.5	69~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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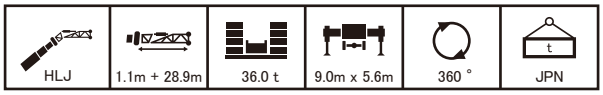

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
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36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.6	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.4	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.1	2.8	2.4	3.1	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	2.9	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		2.6	2.6	2.3	2.6	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	2.4	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.2	2.5	2.2	2.2	2.6	2.3	2.9	2.6	2.3	3.0	2.6	2.3	2.0	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		1.8	2.4		1.8	2.5	2.2	2.5	2.5	2.2	2.9	2.5	2.2		2.5	2.3	46.0
48.0				2.2	2.2		2.3	2.2		1.5	2.1		1.5	2.2		2.2	2.4		2.7	2.4			2.1	2.2	48.0
50.0				1.9			2.2			1.2	1.7		1.1	1.8		1.9	2.3		2.6	2.3			1.7	2.2	50.0
52.0														1.4		1.6	2.1		2.5	2.2					52.0
54.0																1.3	1.7		2.3	2.2					54.0
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72.0																									72.0
76.0																									76.0
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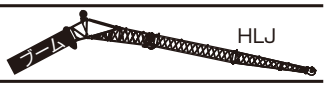
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	35~81.5	44~83.5	60~83.5	40~81.5	46~83.5	61~83.5	34~81.5	43~83.5	61~83.5	25~81.5	45~83.5	62~83.5	55~81.5	57~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.3	3.1	2.6	3.6	3.0	2.6	3.3	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	2.8	3.0	2.5	3.3	3.0	2.5	2.8	3.0	2.5	3.4	2.9	2.5	2.9	2.8	2.5	2.8	2.7	2.5				40.0
42.0	3.4	2.8	2.4	2.3	2.9	2.5	2.8	2.9	2.4	2.3	2.9	2.5	2.9	2.8	2.4	2.4	2.8	2.4		2.6	2.4				42.0
44.0	3.2	2.8	2.3		2.9	2.4	2.4	2.8	2.4		2.8	2.4	2.5	2.8	2.4		2.7	2.4		2.5	2.4				44.0
46.0	2.9	2.7	2.3		2.5	2.3	2.0	2.8	2.3		2.5	2.3	2.1	2.7	2.3		2.6	2.3			2.3				46.0
48.0	2.5	2.6	2.2		2.0	2.3		2.5	2.2			2.3		2.6	2.2			2.2			2.2				48.0
50.0	2.2	2.5	2.2			2.2		2.1	2.2			2.2		2.2	2.2			2.2							50.0
52.0	1.9	2.4				1.9		1.7	2.1					1.8	2.1										52.0
54.0	1.6	2.2							1.9						2.1										54.0
56.0	1.4	1.8													1.7										56.0
58.0	1.1	1.6																							58.0
60.0		1.3																							60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	41~81.5	46~83.5	64~83.5	60~81.5	62~83.5	63~83.5	57~81.5	58~83.5	61~83.5	62~81.5	67~83.5	68~83.5	60~81.5	61~83.5	62~83.5	65~81.5	69~83.5	71~83.5	68~81.5	72~83.5	74~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

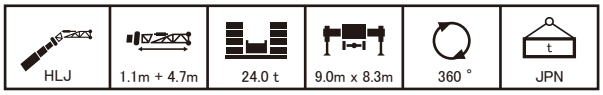


HLJ	1.1m + 34.9m	36.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.1	2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.0	1.8	1.6	2.0	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6		2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		1.7	1.7	1.5	1.6	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5		1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6		1.3	1.7	1.5		1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5		1.9	1.5	50.0
52.0				1.6	1.5		1.6	1.5			1.6			1.7	1.4	1.7	1.7	1.4	1.9	1.7	1.4			1.5	52.0
54.0				1.5	1.4		1.5	1.4			1.4			1.4		1.4	1.6		1.8	1.6				1.5	54.0
56.0				1.2			1.4									1.1	1.5		1.7	1.5					56.0
58.0																	1.4		1.6	1.5					58.0
60.0																	1.1		1.5	1.4					60.0
64.0																			1.2						64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	42~81.5	47~83.5	60~83.5	49~81.5	51~83.5	60~83.5	39~81.5	43~83.5	60~83.5	29~81.5	44~83.5	62~83.5	59~81.5	63~83.5	65~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9			1.9					40.0
42.0	2.3	2.0	1.7	2.4	2.0	1.8	2.4	2.0	1.8		2.0	1.8	2.3	1.9	1.7		1.9	1.7		1.8	1.7				42.0
44.0	2.3	1.9	1.7		2.0	1.7	2.3	1.9	1.7		1.9	1.7	2.2	1.9	1.7		1.8	1.7		1.8	1.7				44.0
46.0	2.2	1.9	1.6		1.9	1.7	2.0	1.9	1.6		1.9	1.6	2.1	1.8	1.6		1.8	1.6			1.6				46.0
48.0	2.1	1.8	1.5		1.9	1.6		1.9	1.6		1.6			1.8	1.6			1.6			1.6				48.0
50.0	2.1	1.8	1.5			1.6		1.8	1.5		1.5			1.7	1.5			1.5			1.5				50.0
52.0	1.9	1.7	1.5			1.5		1.8	1.5		1.5				1.5										52.0
54.0	1.6	1.7	1.4						1.4						1.4										54.0
56.0	1.4	1.7	1.4						1.4																56.0
58.0		1.6																							58.0
60.0		1.5																							60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	49~81.5	53~83.5	63~83.5	63~81.5	67~83.5	69~83.5	60~81.5	64~83.5	65~83.5	67~81.5	70~83.5	71~83.5	63~81.5	68~83.5	70~83.5	69~81.5	72~83.5	75~83.5	71~81.5	75~83.5	76~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		33.3	25.0	20.8	17.9	16.5	15.6	34.0	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		31.9	24.2	20.4	17.0	15.8	14.9	32.2	25.0	20.7	28.4	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		25.7	22.9	19.7	15.5	14.5	13.8	24.9	23.7	20.1	25.5	24.4	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				20.4	21.1	19.2	14.2	13.4	12.9	19.7	20.4	19.5	20.3	21.0	19.9	18.1	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				16.6	17.2	17.5	13.2	12.5	12.1	15.9	16.5	17.0	16.4	17.1	17.5	17.1	15.5	14.5	11.9	11.5	11.2	15.3	14.1	13.3	18.0
20.0				13.8	14.2		12.3	11.7		13.1	13.6	13.9	13.6	14.1	14.4	14.9	14.8	13.9	11.1	10.8	10.5	14.0	13.5	12.8	20.0
22.0				11.5	11.8		11.6	11.1		10.8	11.2		11.3	11.7	12.0	12.6	13.0	13.2	10.4	10.1	9.9	11.7	12.2	12.3	22.0
24.0				9.7	9.9		10.9	10.6		8.9	9.3		9.4	9.8		10.7	11.1		9.8	9.5		9.9	10.3	10.6	24.0
26.0				8.2			10.4			7.4	7.7		7.9	8.2		9.2	9.4		9.2	9.0		8.3	8.7	8.9	26.0
28.0				6.9			9.5			6.2	6.4		6.6	6.9		7.9	8.1		8.7	8.5		7.0	7.4	7.6	28.0
30.0										5.2			5.6	5.8		6.8	7.0		8.3	8.2		6.0	6.2		30.0
32.0										4.2			4.7	4.8		5.9	6.0		7.4	7.5		5.0	5.3		32.0
34.0													3.9			5.1			6.6			4.2	4.5		34.0
36.0													3.1			4.4			5.9			3.5	3.7		36.0
38.0																						2.9	3.0		38.0
40.0																						2.3			40.0
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76.0																									76.0
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	22~79.6	38~83.5	59~83.5	22~79.6	37~83.5	60~83.5	22~74	37~83.5	59~83.5	23~74	38~83.5	60~83.5	23~74	40~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
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9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	14.1	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	13.4	12.4	11.8	12.1	11.5	11.2	11.6	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	11.9	12.0	11.4	11.5	11.0	10.7	11.1	10.6	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.7	9.3	9.2	10.0	10.5	10.8	10.8	10.5	10.2	10.3	10.1	9.8	9.2	8.9	8.7	8.9	8.6	8.3	8.3	8.0	7.8				24.0
26.0	9.2	8.9	8.7	8.5	8.9	9.1	9.3	9.6	9.8	8.7	9.1	9.4	8.8	8.5	8.3	8.5	8.2	8.0	8.0	7.7	7.5				26.0
28.0	8.8	8.5	8.4	7.2	7.5	7.8	8.0	8.2	8.4	7.4	7.8	8.0	8.3	8.1	8.0	7.8	7.9	7.8	7.6	7.4	7.2				28.0
30.0	7.9	8.1		6.1	6.4	6.6	6.9	7.1	7.3	6.3	6.6	6.8	7.2	7.4	7.6	6.7	7.0	7.2	6.6	6.9	7.0				30.0
32.0	7.0	7.1		5.2	5.4		5.9	6.1		5.4	5.7	5.8	6.2	6.4	6.6	5.7	6.0	6.2	5.7	6.0	6.2				32.0
34.0	6.1	6.3		4.4	4.6		5.1	5.3		4.6	4.8		5.4	5.6		4.9	5.1	5.3	4.9	5.1	5.3				34.0
36.0	5.4	5.6		3.7	3.9		4.4	4.6		3.9	4.1		4.7	4.9		4.2	4.4		4.2	4.4	4.5				36.0
38.0	4.8	4.9		3.0	3.2		3.8	3.9		3.2	3.4		4.1	4.2		3.6	3.8		3.5	3.8					38.0
40.0	4.2			2.4	2.6		3.2	3.3		2.6	2.8		3.5	3.6		3.0	3.2		2.9	3.1					40.0
42.0	3.7			1.9	2.0		2.7	2.8		2.1	2.3		3.0	3.1		2.4	2.6		2.4	2.6					42.0
44.0	3.3			1.4			2.2			1.6	1.8		2.5	2.6		2.0	2.1		1.9	2.1					44.0
46.0							1.8			1.2	1.3		2.1	2.2		1.5	1.7		1.5	1.7					46.0
48.0							1.4						1.7				1.3								48.0
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76.0																									76.0
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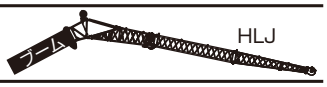
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	24~74	41~83.5	59~83.5	34~74	39~83.5	59~83.5	23~74	39~83.5	60~83.5	37~74	38~83.5	60~83.5	29~74	39~83.5	61~83.5	43~74	41~83.5	61~83.5	47~74	48~83.5	61~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				



HLJ	1.1m + 10.9m	24.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	12.2	9.3	7.9	12.8	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.9	9.9	8.4	20.0
22.0				10.4	8.5	7.5	9.5	8.3	7.4	11.3	8.9	7.6	11.9	9.2	7.8	11.6	9.0	7.8	9.1	8.5	7.7	11.3	9.5	8.2	22.0
24.0				9.7	8.1	7.3	8.9	8.0	7.3	10.0	8.5	7.5	10.2	8.8	7.6	10.9	8.7	7.6	8.6	8.1	7.6	10.3	9.2	8.0	24.0
26.0				9.1	7.8		8.4	7.7		8.5	8.2	7.3	8.7	8.4	7.4	9.8	8.4	7.4	8.0	7.6	7.3	8.8	8.8	7.8	26.0
28.0				8.0	7.5		7.9	7.4		7.2	7.9		7.4	8.1	7.3	8.5	8.1	7.3	7.6	7.3	7.0	7.5	8.3	7.6	28.0
30.0				6.9	7.3		7.5	7.1		6.1	6.7		6.4	7.0		7.4	7.8		7.2	6.9		6.5	7.2	7.5	30.0
32.0				6.0			7.2			5.2	5.7		5.4	6.0		6.5	6.9		6.8	6.6		5.5	6.2	6.6	32.0
34.0				5.2			6.9			4.4	4.9		4.7	5.1		5.7	6.1		6.5	6.3		4.8	5.3	5.7	34.0
36.0										3.8			4.0	4.4		5.0	5.3		6.2	6.0		4.1	4.6		36.0
38.0										3.1			3.3			4.3			5.6			3.4	3.9		38.0
40.0													2.8			3.8			5.1			2.8	3.3		40.0
42.0													2.3			3.3			4.6			2.3	2.7		42.0
44.0																						1.9	2.2		44.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	25~76	41~83.5	61~83.5	26~76	44~83.5	62~83.5	26~76	45~83.5	62~83.5	28~76	46~83.5	63~83.5	35~76	42~83.5	61~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
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m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	10.6	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	10.1	8.8	8.0	9.4	8.6	7.8	9.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	8.8	8.5	7.8	9.0	8.3	7.5	8.7	7.9	7.2	7.7	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.6	7.1	6.6	7.5	8.2	7.5	8.2	7.9	7.3	7.7	7.7	7.0	7.3	6.7	6.2	7.0	6.3	6.0	6.6	6.0	5.6				28.0
30.0	7.2	6.8	6.4	6.5	7.2	7.3	7.1	7.6	7.1	6.6	7.3	6.8	7.0	6.4	6.0	6.7	6.1	5.8	6.3	5.8	5.5				30.0
32.0	6.9	6.5	6.2	5.5	6.2	6.7	6.2	6.8	6.9	5.7	6.3	6.7	6.4	6.2	5.8	6.1	5.9	5.6	6.0	5.6	5.3				32.0
34.0	6.4	6.3	6.0	4.7	5.3	5.8	5.4	5.9	6.3	4.9	5.5	5.9	5.6	6.0	5.6	5.3	5.7	5.4	5.2	5.4	5.1				34.0
36.0	5.7	6.0		4.0	4.6	5.0	4.7	5.2	5.5	4.2	4.7	5.1	4.9	5.4	5.5	4.6	5.1	5.3	4.5	5.1	5.0				36.0
38.0	5.1	5.4		3.4	3.9		4.1	4.5		3.5	4.1	4.4	4.3	4.7	5.0	3.9	4.4	4.8	3.9	4.4	4.8				38.0
40.0	4.5	4.8		2.8	3.3		3.5	3.9		3.0	3.5		3.7	4.1		3.4	3.8	4.2	3.3	3.8	4.2				40.0
42.0	4.0	4.3		2.3	2.7		3.0	3.4		2.4	2.9		3.2	3.6		2.8	3.3		2.8	3.3	3.6				42.0
44.0	3.6	3.8		1.8	2.2		2.5	2.9		2.0	2.4		2.8	3.1		2.4	2.8		2.3	2.7					44.0
46.0	3.2			1.4	1.8		2.1	2.4		1.6	1.9		2.3	2.7		1.9	2.3		1.9	2.3					46.0
48.0	2.8				1.3		1.7	2.0			1.5		1.9	2.2		1.5	1.9			1.9					48.0
50.0	2.5						1.4						1.6	1.9			1.5								50.0
52.0													1.3	1.5											52.0
54.0																									54.0
56.0																									56.0
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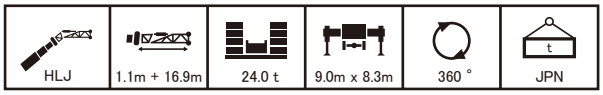
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	27~76	43~83.5	61~83.5	41~76	41~83.5	61~83.5	35~76	42~83.5	62~83.5	46~76	47~83.5	62~83.5	38~76	41~83.5	63~83.5	48~77	49~83.5	63~83.5	53~77	54~83.5	63~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	10.3	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.9	7.0	5.7	9.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.7	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	8.2	6.6	5.5	8.8	6.9	5.7	8.6	6.9	5.5	7.0	6.2	5.6	8.3	7.0	5.8	26.0
28.0				7.0	6.0	5.2	6.6	5.9	5.1	7.6	6.3	5.3	7.9	6.6	5.5	8.0	6.6	5.3	6.6	5.9	5.4	7.9	6.8	5.6	28.0
30.0				6.5	5.7	5.0	6.3	5.6	5.0	6.7	6.0	5.1	6.9	6.3	5.3	7.5	6.3	5.2	6.2	5.7	5.2	7.0	6.5	5.5	30.0
32.0				6.1	5.4		5.9	5.3		5.8	5.7	5.0	5.9	6.0	5.1	6.8	6.0	5.1	5.9	5.4	5.1	6.1	6.3	5.3	32.0
34.0				5.7	5.1		5.6	5.1		5.0	5.5		5.1	5.7	5.0	6.0	5.7	4.9	5.6	5.2	5.0	5.3	6.1	5.2	34.0
36.0				5.1	4.9		5.3	4.9		4.3	5.0		4.4	5.1		5.3	5.5		5.3	5.0		4.5	5.3	5.1	36.0
38.0				4.5			5.0			3.7	4.3		3.8	4.4		4.7	5.2		5.1	4.9		3.9	4.6	5.0	38.0
40.0				4.0			4.8			3.2	3.6		3.3	3.8		4.1	4.6		4.8	4.7		3.3	4.0	4.5	40.0
42.0										2.7			2.8	3.3		3.7	4.0		4.6	4.5		2.8	3.5		42.0
44.0										2.2			2.3			3.2			4.4			2.3	2.9		44.0
46.0													1.9			2.8			4.0			1.9	2.4		46.0
48.0													1.5			2.5			3.6			1.5	2.0		48.0
50.0																						1.2	1.6		50.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	24~76	41~83.5	61~83.5	24~76	44~83.5	61~83.5	24~76	44~83.5	61~83.5	27~81	45~83.5	63~83.5	37~81	42~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.8	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	7.5	6.5	5.7	7.1	6.3	5.7	6.8	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	6.9	6.2	5.5	6.9	6.1	5.5	6.8	5.8	5.4	5.8	5.2	4.8	5.7	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	6.0	6.0	5.4	6.6	5.9	5.4	6.1	5.7	5.2	5.6	5.0	4.6	5.4	4.8	4.5	5.1	4.6	4.3				32.0
34.0	5.6	5.1	4.7	5.2	5.8	5.3	5.8	5.7	5.2	5.3	5.5	5.1	5.4	4.8	4.5	5.2	4.7	4.4	4.9	4.4	4.1				34.0
36.0	5.4	4.9	4.6	4.5	5.3	5.1	5.1	5.5	5.1	4.6	5.3	4.9	5.2	4.6	4.4	4.8	4.5	4.2	4.7	4.3	4.0				36.0
38.0	5.2	4.7	4.5	3.9	4.6	5.0	4.4	5.1	5.0	4.0	4.7	4.8	4.6	4.5	4.2	4.1	4.4	4.1	4.1	4.1	3.9				38.0
40.0	4.8	4.6	4.4	3.3	4.0	4.5	3.9	4.5	4.9	3.4	4.1	4.6	4.0	4.4	4.1	3.6	4.2	4.0	3.5	4.0	3.8				40.0
42.0	4.3	4.5		2.8	3.4	3.9	3.4	4.0	4.4	2.8	3.5	4.0	3.5	4.1	4.0	3.0	3.7	3.9	3.0	3.7	3.7				42.0
44.0	3.8	4.2		2.3	2.9		2.9	3.5		2.4	3.0	3.5	3.1	3.6	3.9	2.6	3.2	3.7	2.5	3.2	3.6				44.0
46.0	3.4	3.8		1.8	2.4		2.5	3.0		1.9	2.5		2.6	3.2		2.1	2.7	3.2	2.0	2.7	3.1				46.0
48.0	3.1	3.4		1.5	2.0		2.1	2.5		1.5	2.1		2.2	2.7		1.7	2.3			2.2	2.7				48.0
50.0	2.7	3.0			1.6		1.7	2.1			1.7		1.9	2.3			1.9			1.8					50.0
52.0	2.4						1.4	1.8					1.6	2.0											52.0
54.0	2.1						1.1	1.4					1.2	1.6											54.0
56.0	1.8													1.3											56.0
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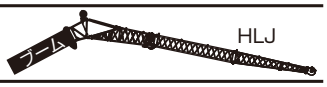
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	26~81	43~83.5	61~83.5	45~81	47~83.5	61~83.5	37~81	41~83.5	62~83.5	49~81	52~83.5	62~83.5	42~81	44~83.5	63~83.5	53~81	55~83.5	63~83.5	57~81	58~83.5	63~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



HLJ	1.1m + 22.9m	24.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
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6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.8	4.5	3.7	6.1	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	6.0	4.9	3.9	30.0
32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	5.4	4.3	3.6	5.8	4.5	3.7	5.7	4.5	3.7	5.1	4.4	3.7	5.8	4.7	3.8	32.0
34.0				4.6	3.9	3.4	4.5	3.8	3.4	5.1	4.1	3.5	5.4	4.3	3.6	5.3	4.3	3.6	4.9	4.2	3.5	5.5	4.6	3.7	34.0
36.0				4.3	3.7	3.3	4.2	3.7	3.3	4.7	3.9	3.4	4.9	4.1	3.5	5.0	4.1	3.5	4.6	4.0	3.4	4.8	4.4	3.6	36.0
38.0				4.0	3.5		4.0	3.5		4.2	3.7	3.3	4.3	3.9	3.4	4.7	3.9	3.4	4.5	3.9	3.4	4.2	4.2	3.5	38.0
40.0				3.8	3.4		3.7	3.3		3.7	3.6		3.7	3.8	3.3	4.5	3.8	3.3	4.3	3.7	3.3	3.6	4.0	3.4	40.0
42.0				3.6	3.2		3.5	3.2		3.2	3.4		3.2	3.6		4.0	3.6		4.0	3.6		3.1	3.9	3.3	42.0
44.0				3.3			3.3			2.7	3.3		2.7	3.4		3.5	3.5		3.8	3.4		2.6	3.4	3.3	44.0
46.0				3.1			3.1			2.3	2.8		2.3	2.9		3.1	3.3		3.6	3.3		2.2	2.9	3.2	46.0
48.0										1.9			1.9	2.5		2.8	3.2		3.5	3.2		1.8	2.5		48.0
50.0										1.6			1.6			2.4			3.3			1.4	2.0		50.0
52.0													1.3			2.1			3.1				1.6		52.0
54.0																1.8			2.8				1.3		54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	23~81.5	40~83.5	60~83.5	28~81.5	43~83.5	61~83.5	24~81.5	44~83.5	61~83.5	26~81.5	45~83.5	62~83.5	44~81.5	45~83.5	60~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	5.6	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	5.6	4.7	3.8	5.2	4.6	3.8	5.0	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
34.0	4.7	4.2	3.7	5.4	4.6	3.7	5.2	4.5	3.7	5.0	4.5	3.7	4.5	4.0	3.7	4.4	3.9	3.6	4.1	3.7	3.4				34.0
36.0	4.6	4.0	3.6	4.7	4.4	3.6	5.2	4.4	3.6	4.8	4.3	3.7	4.4	3.8	3.5	4.2	3.7	3.4	4.0	3.5	3.3				36.0
38.0	4.4	3.9	3.5	4.1	4.3	3.5	4.6	4.3	3.5	4.1	4.2	3.6	4.2	3.7	3.4	4.1	3.6	3.3	3.9	3.4	3.2				38.0
40.0	4.2	3.8	3.4	3.5	4.2	3.5	4.1	4.1	3.4	3.6	4.1	3.5	4.0	3.6	3.3	3.7	3.5	3.2	3.6	3.3	3.1				40.0
42.0	4.1	3.6	3.3	3.0	3.9	3.4	3.6	4.0	3.4	3.0	3.9	3.4	3.7	3.5	3.2	3.2	3.4	3.1	3.1	3.2	3.0				42.0
44.0	3.9	3.5	3.2	2.5	3.4	3.3	3.1	3.8	3.3	2.6	3.4	3.3	3.2	3.4	3.2	2.7	3.3	3.1	2.6	3.1	2.9				44.0
46.0	3.6	3.4	3.2	2.1	2.9	3.2	2.6	3.3	3.2	2.1	2.9	3.3	2.8	3.3	3.1	2.3	3.1	3.0	2.2	3.0	2.8				46.0
48.0	3.2	3.3		1.7	2.4	3.0	2.2	2.9	3.2	1.7	2.5	3.1	2.4	3.0	3.0	1.9	2.6	2.9		2.6	2.7				48.0
50.0	2.8	3.2			2.0		1.9	2.5			2.1	2.6	2.0	2.6	2.9		2.2	2.8		2.2	2.7				50.0
52.0	2.5	2.9			1.6		1.6	2.1					1.7	2.3			1.8	2.3			2.3				52.0
54.0	2.2	2.6					1.3	1.8					1.4	1.9											54.0
56.0	1.9	2.2						1.4						1.6											56.0
58.0	1.7																								58.0
60.0	1.4																								60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	30~81.5	43~83.5	61~83.5	50~81.5	52~83.5	61~83.5	44~81.5	47~83.5	62~83.5	54~81.5	58~83.5	62~83.5	48~81.5	52~83.5	63~83.5	57~81.5	59~83.5	63~83.5	61~81.5	63~83.5	65~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	4.0	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.9	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.5	2.9	2.4	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.8	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	3.3	2.8	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.7	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		3.1	2.6	2.3	3.3	2.8	2.3	3.3	2.8	2.3	3.2	2.7	2.3	3.3	2.9	2.4	42.0
44.0				2.7	2.4		2.6	2.4		2.9	2.5	2.2	3.0	2.6	2.3	3.1	2.6	2.3	3.0	2.6	2.3	2.8	2.8	2.4	44.0
46.0				2.5	2.3		2.5	2.3		2.6	2.4		2.6	2.5	2.2	2.9	2.5	2.2	2.9	2.5	2.2	2.4	2.7	2.3	46.0
48.0				2.4	2.2		2.3	2.2		2.2	2.3		2.2	2.4		2.8	2.4		2.7	2.4		2.0	2.6	2.2	48.0
50.0				2.2			2.2			1.8	2.2		1.8	2.3		2.6	2.3		2.6	2.3		1.6	2.4	2.2	50.0
52.0										1.5			1.5	2.1		2.2	2.3		2.5	2.2			2.0		52.0
54.0										1.2			1.2	1.7		1.9	2.2		2.4	2.2			1.7		54.0
56.0																1.7			2.3						56.0
58.0																1.4			2.2						58.0
60.0																1.2			2.1						60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	27~81.5	44~83.5	60~83.5	34~81.5	43~83.5	61~83.5	23~81.5	43~83.5	61~83.5	26~81.5	45~83.5	62~83.5	49~81.5	52~83.5	63~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.9	3.2	2.7	3.7	3.1	2.7	3.7	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	3.7	3.1	2.6	3.6	3.0	2.6	3.6	3.0	2.6	3.4	2.9	2.6	3.4	2.9	2.6	3.2	2.8	2.6				38.0
40.0	3.5	2.9	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	3.0	2.5	3.4	2.9	2.5	3.3	2.8	2.5	3.1	2.7	2.5				40.0
42.0	3.4	2.8	2.4	3.2	2.9	2.5	3.5	2.9	2.4	3.2	2.9	2.5	3.3	2.8	2.4	3.2	2.8	2.4	3.0	2.6	2.4				42.0
44.0	3.3	2.8	2.3	2.7	2.9	2.4	3.2	2.8	2.4	2.7	2.8	2.4	3.1	2.8	2.4	2.8	2.7	2.4	2.7	2.5	2.4				44.0
46.0	3.2	2.7	2.3	2.2	2.8	2.3	2.8	2.8	2.3	2.2	2.8	2.3	2.8	2.7	2.3	2.3	2.6	2.3		2.5	2.3				46.0
48.0	3.0	2.6	2.2	1.8	2.7	2.3	2.4	2.7	2.2		2.7	2.3	2.4	2.6	2.2		2.5	2.2		2.4	2.2				48.0
50.0	2.9	2.5	2.2		2.4	2.2	2.0	2.6	2.2		2.4	2.2	2.1	2.5	2.2		2.4	2.2		2.3	2.1				50.0
52.0	2.6	2.4			2.0	2.2	1.7	2.4	2.1		2.0	2.2	1.7	2.4	2.1		2.1	2.1			2.1				52.0
54.0	2.3	2.4				2.1		2.0	2.1			2.1		2.1	2.1			2.1			2.0				54.0
56.0	2.0	2.3						1.7				1.9		1.8	2.0										56.0
58.0	1.7	2.2																							58.0
60.0	1.5	1.9																							60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	39~81.5	46~83.5	64~83.5	55~81.5	58~83.5	61~83.5	51~81.5	54~83.5	61~83.5	60~81.5	61~83.5	62~83.5	55~81.5	58~83.5	63~83.5	62~81.5	64~83.5	67~83.5	65~81.5	68~83.5	69~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.5	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.3	1.9	1.6	2.4	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6	2.4	2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	2.1	1.8	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		2.0	1.7	1.5	2.2	1.8	1.5	2.1	1.8	1.5	2.1	1.8	1.5	2.1	1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6		1.9	1.7	1.5	2.0	1.8	1.5	2.0	1.8	1.5	2.0	1.7	1.5	1.7	1.9	1.5	50.0
52.0				1.6	1.5		1.6	1.5		1.7	1.6		1.7	1.7	1.4	1.9	1.7	1.4	1.9	1.7	1.4		1.8	1.5	52.0
54.0				1.5	1.4		1.5	1.4		1.4	1.5		1.4	1.6		1.8	1.6		1.8	1.6			1.7	1.5	54.0
56.0				1.4			1.4			1.1	1.4			1.5		1.7	1.5		1.7	1.5				1.4	56.0
58.0														1.4		1.5	1.5		1.6	1.5					58.0
60.0																1.3	1.4		1.5	1.4					60.0
64.0																			1.4						64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	26~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	34~81.5	43~83.5	60~83.5	42~81.5	46~83.5	60~83.5	34~81.5	43~83.5	60~83.5	29~81.5	44~83.5	62~83.5	54~81.5	59~83.5	62~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0		2.0	1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.8	2.3	1.9		2.0	1.9					40.0
42.0	2.3	2.0	1.7	2.5	2.0	1.8	2.4	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	2.2	1.9	1.7	2.0	1.8	1.7				42.0
44.0	2.3	1.9	1.7	2.4	2.0	1.7	2.3	1.9	1.7	2.3	1.9	1.7	2.2	1.9	1.7	2.2	1.8	1.7	2.0	1.8	1.7				44.0
46.0	2.2	1.9	1.6	2.3	1.9	1.7	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6		1.8	1.6		1.7	1.6				46.0
48.0	2.1	1.8	1.5		1.9	1.6	2.2	1.9	1.6		1.8	1.6	2.1	1.8	1.6		1.8	1.6		1.7	1.6				48.0
50.0	2.1	1.8	1.5		1.9	1.6	2.1	1.8	1.5		1.8	1.5	2.1	1.7	1.5		1.7	1.5		1.7	1.5				50.0
52.0	2.0	1.7	1.5		1.8	1.5	1.7	1.8	1.5		1.8	1.5		1.7	1.5			1.5			1.5				52.0
54.0	2.0	1.7	1.4			1.5		1.7	1.4			1.5		1.7	1.4			1.4			1.4				54.0
56.0	1.9	1.7	1.4			1.4		1.7	1.4			1.4		1.6	1.4			1.4							56.0
58.0	1.7	1.6							1.4						1.4										58.0
60.0	1.5	1.5							1.3						1.3										60.0
64.0		1.4																							64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	46~81.5	49~83.5	63~83.5	60~81.5	64~83.5	65~83.5	55~81.5	60~83.5	61~83.5	63~81.5	66~83.5	68~83.5	61~81.5	63~83.5	64~83.5	66~81.5	70~83.5	70~83.5	68~81.5	71~83.5	73~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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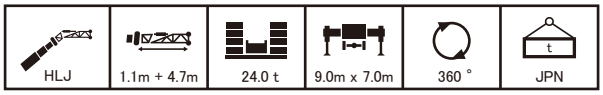

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	36.0	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		32.3	25.0	20.8	17.9	16.5	15.6	31.4	25.7	21.1	29.9	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		27.7	24.2	20.4	17.0	15.8	14.9	26.8	25.0	20.7	27.5	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		21.0	21.8	19.7	15.5	14.5	13.8	20.2	21.2	20.1	20.8	21.7	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				16.5	17.2	17.6	14.2	13.4	12.9	15.8	16.5	17.1	16.3	17.1	17.6	17.7	16.3	15.2	12.9	12.4	12.1	16.2	14.8	13.9	16.0
18.0				13.2	13.8	14.1	13.2	12.5	12.1	12.5	13.1	13.6	13.1	13.7	14.1	14.4	14.9	14.5	11.9	11.5	11.2	13.5	14.1	13.3	18.0
20.0				10.8	11.2		12.3	11.7		10.1	10.6	10.9	10.6	11.1	11.5	11.9	12.3	12.7	11.1	10.8	10.5	11.0	11.6	12.0	20.0
22.0				8.9	9.2		11.6	11.1		8.2	8.6		8.7	9.1	9.4	9.9	10.3	10.6	10.4	10.1	9.9	9.1	9.5	9.9	22.0
24.0				7.3	7.6		10.0	10.2		6.6	7.0		7.1	7.5		8.3	8.7		9.8	9.5		7.5	7.9	8.2	24.0
26.0				6.1			8.7			5.4	5.6		5.8	6.1		7.0	7.3		8.6	8.8		6.2	6.6	6.8	26.0
28.0				5.0			7.6			4.3	4.5		4.8	5.0		6.0	6.2		7.5	7.7		5.2	5.5	5.7	28.0
30.0										3.4			3.9	4.1		5.0	5.2		6.5	6.7		4.2	4.5		30.0
32.0										2.6			3.1	3.3		4.3	4.4		5.7	5.9		3.5	3.7		32.0
34.0													2.3			3.6			5.1			2.7	3.0		34.0
36.0													1.7			3.0			4.5			2.1	2.3		36.0
38.0																						1.5	1.7		38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
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64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	21~79.6	38~83.5	58~83.5	22~79.6	37~83.5	59~83.5	22~74	36~83.5	59~83.5	23~74	38~83.5	60~83.5	38~74	40~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	13.7	13.0	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	11.2	11.8	11.8	12.0	11.5	11.2	11.5	11.1	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	10.2	9.8	9.6	9.3	9.7	10.1	10.0	10.4	10.7	9.5	10.0	10.3	9.7	9.3	9.0	9.4	9.0	8.7	8.7	8.4	8.1				22.0
24.0	9.5	9.3	9.2	7.7	8.1	8.4	8.4	8.8	9.1	7.9	8.3	8.6	8.7	8.9	8.7	8.2	8.6	8.3	8.2	8.0	7.8				24.0
26.0	8.2	8.5	8.6	6.4	6.8	7.0	7.1	7.5	7.7	6.6	7.0	7.2	7.4	7.8	8.0	6.9	7.3	7.6	6.9	7.3	7.5				26.0
28.0	7.1	7.3	7.5	5.3	5.6	5.8	6.0	6.3	6.5	5.5	5.9	6.1	6.3	6.6	6.8	5.8	6.2	6.4	5.8	6.1	6.4				28.0
30.0	6.1	6.3		4.4	4.7	4.9	5.1	5.4	5.5	4.6	4.9	5.1	5.4	5.7	5.8	4.9	5.2	5.4	4.9	5.2	5.4				30.0
32.0	5.3	5.5		3.6	3.9		4.3	4.5		3.8	4.1	4.2	4.6	4.8	5.0	4.1	4.4	4.6	4.1	4.4	4.5				32.0
34.0	4.6	4.8		2.9	3.1		3.6	3.8		3.1	3.4		3.9	4.1		3.4	3.7	3.8	3.4	3.7	3.8				34.0
36.0	4.0	4.2		2.2	2.5		3.0	3.2		2.5	2.7		3.3	3.5		2.8	3.0		2.8	3.0	3.2				36.0
38.0	3.5	3.6		1.7	1.9		2.4	2.6		1.9	2.1		2.7	2.9		2.2	2.4		2.2	2.4					38.0
40.0	3.0						1.9	2.1					2.2	2.4			1.9								40.0
42.0	2.6						1.5	1.6					1.8	1.9											42.0
44.0	2.2												1.4	1.5											44.0
46.0														1.1											46.0
48.0																									48.0
50.0																									50.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	23~74	40~83.5	59~83.5	45~74	46~83.5	59~83.5	38~74	39~83.5	59~83.5	50~74	51~83.5	60~83.5	40~74	38~83.5	60~83.5	54~74	52~83.5	61~83.5	56~74	58~83.5	61~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				

HLJ	1.1m + 10.9m	24.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	13.3	9.8	8.1	13.5	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.6	10.3	8.6	18.0
20.0	7.9	7.3		11.3	8.9	7.7	10.1	8.7	7.6	11.1	9.3	7.9	11.3	9.6	8.0	12.4	9.5	8.0	9.8	8.9	7.9	11.5	9.9	8.4	20.0
22.0				9.9	8.5	7.5	9.5	8.3	7.4	9.2	8.9	7.6	9.4	9.2	7.8	10.5	9.0	7.8	9.1	8.5	7.7	9.5	9.5	8.2	22.0
24.0				8.4	8.1	7.3	8.9	8.0	7.3	7.6	8.5	7.5	7.9	8.8	7.6	8.9	8.7	7.6	8.6	8.1	7.6	8.0	8.9	8.0	24.0
26.0				7.1	7.8		8.4	7.7		6.3	7.1	7.3	6.6	7.4	7.4	7.6	8.3	7.4	8.0	7.6	7.3	6.7	7.5	7.8	26.0
28.0				6.1	6.6		7.9	7.4		5.3	6.0		5.5	6.2	6.8	6.5	7.1	7.3	7.6	7.3	7.0	5.6	6.4	7.0	28.0
30.0				5.2	5.6		7.2	7.1		4.4	5.0		4.6	5.2		5.6	6.2		6.9	6.9		4.7	5.4	5.9	30.0
32.0				4.4			6.4			3.6	4.1		3.9	4.4		4.8	5.3		6.1	6.5		4.0	4.6	5.0	32.0
34.0				3.7			5.8			3.0	3.4		3.2	3.7		4.2	4.6		5.4	5.8		3.3	3.8	4.2	34.0
36.0										2.3			2.6	3.0		3.6	3.9		4.8	5.1		2.7	3.2		36.0
38.0										1.8			2.0			3.1			4.3			2.1	2.6		38.0
40.0													1.5			2.6			3.9			1.6	2.0		40.0
42.0													1.1			2.2			3.4				1.5		42.0
44.0																									44.0
46.0																									46.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	27~76	44~83.5	61~83.5	25~76	41~83.5	61~83.5	25~76	44~83.5	62~83.5	25~76	44~83.5	62~83.5	27~76	46~83.5	63~83.5	44~76	45~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
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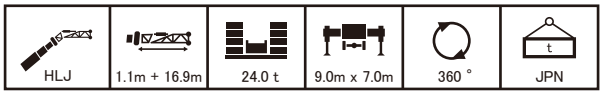
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	11.2	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	9.5	9.2	8.3	9.9	8.9	8.1	9.6	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	8.0	8.8	8.0	8.7	8.6	7.8	8.1	8.2	7.5	8.0	7.2	6.6	7.7	6.9	6.4	7.0	6.5	6.0				24.0
26.0	8.0	7.3	6.8	6.7	7.6	7.8	7.4	8.2	7.5	6.8	7.7	7.2	7.6	6.9	6.4	7.3	6.6	6.2	6.9	6.2	5.8				26.0
28.0	7.3	7.1	6.6	5.6	6.4	7.0	6.3	7.0	7.3	5.8	6.5	7.0	6.5	6.7	6.2	6.2	6.3	6.0	6.1	6.0	5.6				28.0
30.0	6.4	6.8	6.4	4.7	5.4	6.0	5.4	6.0	6.5	4.9	5.6	6.1	5.6	6.2	6.0	5.3	6.0	5.8	5.2	5.8	5.5				30.0
32.0	5.6	6.1	6.2	3.9	4.6	5.1	4.6	5.2	5.6	4.1	4.7	5.2	4.8	5.4	5.8	4.5	5.1	5.6	4.4	5.1	5.3				32.0
34.0	4.9	5.3	5.6	3.3	3.8	4.3	3.9	4.4	4.8	3.4	4.0	4.4	4.1	4.6	5.0	3.8	4.4	4.8	3.7	4.3	4.8				34.0
36.0	4.3	4.7		2.6	3.2	3.6	3.3	3.8	4.1	2.8	3.3	3.7	3.5	4.0	4.3	3.2	3.7	4.1	3.1	3.7	4.1				36.0
38.0	3.8	4.1		2.1	2.6		2.8	3.2		2.2	2.8	3.1	3.0	3.4	3.7	2.6	3.1	3.5	2.6	3.1	3.5				38.0
40.0	3.3	3.6		1.6	2.0		2.3	2.7			2.2		2.5	2.9		2.1	2.6	3.0		2.6	2.9				40.0
42.0	2.9	3.1			1.6		1.8	2.2					2.0	2.4			2.1			2.1	2.4				42.0
44.0	2.5	2.7					1.4	1.8					1.6	2.0											44.0
46.0	2.1							1.4						1.6											46.0
48.0	1.8																								48.0
50.0	1.5																								50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	27~76	43~83.5	61~83.5	49~76	50~83.5	61~83.5	44~76	44~83.5	61~83.5	55~76	57~83.5	62~83.5	48~76	49~83.5	62~83.5	56~77	58~83.5	62~83.5	61~77	60~83.5	62~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.7	8.0	6.3	11.2	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	9.7	7.5	6.0	9.9	7.7	6.1	9.8	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		8.2	6.7	5.6	7.5	6.6	5.6	8.3	7.0	5.7	8.4	7.3	5.9	9.2	7.3	5.7	7.4	6.5	5.8	8.5	7.3	6.0	24.0
26.0	5.2			7.5	6.3	5.4	7.0	6.2	5.3	7.0	6.6	5.5	7.1	6.9	5.7	8.0	6.9	5.5	7.0	6.2	5.6	7.2	7.0	5.8	26.0
28.0				6.7	6.0	5.2	6.6	5.9	5.1	5.9	6.3	5.3	6.0	6.6	5.5	6.9	6.6	5.3	6.6	5.9	5.4	6.2	6.8	5.6	28.0
30.0				5.7	5.7	5.0	6.3	5.6	5.0	5.0	5.9	5.1	5.1	6.1	5.3	6.0	6.3	5.2	6.2	5.7	5.2	5.2	6.3	5.5	30.0
32.0				5.0	5.4		5.9	5.3		4.2	5.0	5.0	4.3	5.2	5.1	5.2	5.9	5.1	5.9	5.4	5.1	4.4	5.4	5.3	32.0
34.0				4.3	4.8		5.6	5.1		3.5	4.3		3.7	4.4	5.0	4.5	5.2	4.9	5.6	5.2	5.0	3.8	4.6	5.2	34.0
36.0				3.7	4.1		5.3	4.9		3.0	3.6		3.1	3.7		3.9	4.5		5.2	5.0		3.2	3.9	4.5	36.0
38.0				3.2			4.9			2.4	3.0		2.5	3.1		3.4	3.9		4.6	4.9		2.6	3.3	3.9	38.0
40.0				2.7			4.4			1.9	2.4		2.0	2.6		2.9	3.4		4.1	4.5		2.1	2.8	3.3	40.0
42.0										1.5			1.6	2.1		2.5	2.9		3.7	4.0		1.6	2.3		42.0
44.0													1.2			2.1			3.3				1.8		44.0
46.0																1.7			3.0						46.0
48.0																1.4			2.7						48.0
50.0																									50.0
52.0																									52.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	24~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	29~76	40~83.5	61~83.5	33~76	43~83.5	61~83.5	24~76	44~83.5	61~83.5	26~81	45~83.5	63~83.5	48~81	51~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.8	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	7.2	6.7	5.9	7.1	6.5	5.8	6.8	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	6.1	6.5	5.7	6.7	6.3	5.7	6.2	6.1	5.5	6.0	5.4	5.0	5.8	5.2	4.8	5.3	4.9	4.6				28.0
30.0	6.2	5.4	5.1	5.2	6.2	5.5	5.8	6.1	5.5	5.3	5.8	5.4	5.8	5.2	4.8	5.5	5.0	4.6	5.3	4.7	4.4				30.0
32.0	5.9	5.2	4.9	4.4	5.4	5.4	5.0	5.9	5.4	4.5	5.4	5.2	5.1	5.0	4.6	4.7	4.8	4.5	4.6	4.6	4.3				32.0
34.0	5.2	5.1	4.7	3.7	4.6	5.3	4.3	5.1	5.2	3.8	4.7	5.1	4.4	4.8	4.5	4.0	4.7	4.4	3.9	4.4	4.1				34.0
36.0	4.6	4.9	4.6	3.1	3.9	4.5	3.7	4.4	5.0	3.2	4.0	4.7	3.8	4.6	4.4	3.4	4.2	4.2	3.3	4.1	4.0				36.0
38.0	4.1	4.6	4.5	2.5	3.3	3.9	3.1	3.8	4.3	2.6	3.4	4.0	3.3	4.0	4.2	2.8	3.6	4.1	2.7	3.5	3.9				38.0
40.0	3.6	4.1	4.4	2.0	2.8	3.3	2.6	3.3	3.7	2.1	2.9	3.4	2.8	3.4	3.9	2.3	3.0	3.6		3.0	3.5				40.0
42.0	3.1	3.6			2.2	2.7	2.2	2.8	3.2		2.4	2.9	2.4	2.9	3.4		2.5	3.0		2.5	3.0				42.0
44.0	2.7	3.1			1.8		1.8	2.3				2.4	1.9	2.5	2.9		2.1	2.6			2.5				44.0
46.0	2.4	2.7					1.4	1.9					1.6	2.1				2.1							46.0
48.0	2.1	2.4						1.5						1.7											48.0
50.0	1.7	2.0																							50.0
52.0	1.5																								52.0
54.0	1.2																								54.0
56.0																									56.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	30~81	43~83.5	61~83.5	54~81	55~83.5	61~83.5	47~81	50~83.5	61~83.5	57~81	60~83.5	61~83.5	51~81	54~83.5	62~83.5	60~81	61~83.5	62~83.5	64~81	65~83.5	66~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0																									3.0
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	5.0																									5.0
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	7.0																									7.0
	8.0	9.8			8.7			6.5																		8.0
	9.0	9.8			8.7			6.5			8.6															9.0
	10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
	11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
	12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
	14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
	16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
	18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
	20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
	22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
	24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
	26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.6	5.1	4.1	6.7	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
	28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	6.3	4.8	3.9	6.3	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	6.1	5.0	4.0	28.0
m	30.0	3.6	3.4		5.4	4.3	3.7	5.2	4.3	3.6	5.6	4.5	3.7	5.6	4.7	3.8	5.9	4.7	3.8	5.3	4.6	3.8	5.5	4.9	3.9	30.0
	32.0	3.3			5.0	4.1	3.5	4.8	4.0	3.5	4.8	4.3	3.6	4.8	4.5	3.7	5.6	4.5	3.7	5.1	4.4	3.7	4.7	4.7	3.8	32.0
	34.0				4.6	3.9	3.4	4.5	3.8	3.4	4.1	4.1	3.5	4.1	4.3	3.6	4.9	4.3	3.6	4.9	4.2	3.5	4.0	4.6	3.7	34.0
	36.0				4.2	3.7	3.3	4.2	3.7	3.3	3.5	3.9	3.4	3.5	4.1	3.5	4.3	4.1	3.5	4.6	4.0	3.4	3.4	4.4	3.6	36.0
	38.0				3.6	3.5		4.0	3.5		2.9	3.7	3.3	3.0	3.8	3.4	3.7	3.9	3.4	4.5	3.9	3.4	2.9	3.8	3.5	38.0
	40.0				3.2	3.4		3.7	3.3		2.4	3.2		2.5	3.3	3.3	3.3	3.8	3.3	4.3	3.7	3.3	2.3	3.3	3.4	40.0
	42.0				2.7	3.2		3.5	3.2		2.0	2.7		2.0	2.8		2.8	3.4		3.8	3.6		1.9	2.8	3.3	42.0
	44.0				2.4			3.3			1.6	2.2		1.6	2.3		2.4	3.0		3.4	3.4			2.3	2.9	44.0
	46.0				2.0			3.1			1.2	1.7		1.2	1.8		2.1	2.6		3.1	3.3			1.8	2.4	46.0
	48.0														1.4		1.7	2.2		2.8	3.1					48.0
	50.0																1.4			2.5						50.0
	52.0																1.1			2.2						52.0
	54.0																			2.0						54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
	2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
%	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~76	0~83.5	0~83.5	22~81.5	41~83.5	59~83.5	25~81.5	43~83.5	60~83.5	32~81.5	40~83.5	60~83.5	39~81.5	43~83.5	61~83.5	28~81.5	43~83.5	61~83.5	25~81.5	45~83.5	62~83.5	53~81.5	55~83.5	60~83.5	[DEG]
		2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

	m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0																									5.0
	6.0																									6.0
	7.0																									7.0
	8.0																									8.0
	9.0																									9.0
	10.0																									10.0
	11.0																									11.0
	12.0	4.9																								12.0
	14.0	4.9			5.6			5.2																		14.0
	16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
	18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
	20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
	22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
	24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
	26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
	28.0	4.9	4.7	4.0	5.6	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
m	30.0	4.9	4.5	3.9	5.4	4.8	3.9	5.2	4.7	3.9	5.0	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
	32.0	4.9	4.3	3.8	4.6	4.7	3.8	5.2	4.6	3.8	4.7	4.6	3.8	4.5	4.1	3.8	4.4	4.0	3.7	4.1	3.8	3.5				32.0
	34.0	4.7	4.2	3.7	3.9	4.6	3.7	4.5	4.5	3.7	4.0	4.5	3.7	4.5	4.0	3.7	4.1	3.9	3.6	4.0	3.7	3.4				34.0
	36.0	4.6	4.0	3.6	3.3	4.4	3.6	3.8	4.4	3.6	3.4	4.3	3.7	4.0	3.8	3.5	3.5	3.7	3.4	3.4	3.5	3.3				36.0
	38.0	4.2	3.9	3.5	2.8	3.8	3.5	3.3	4.2	3.5	2.8	3.8	3.6	3.4	3.7	3.4	2.9	3.6	3.3	2.9	3.4	3.2				38.0
	40.0	3.7	3.8	3.4	2.2	3.2	3.5	2.8	3.6	3.4	2.3	3.3	3.5	2.9	3.6	3.3	2.4	3.4	3.2		3.3	3.1				40.0
	42.0	3.2	3.6	3.3		2.7	3.4	2.4	3.2	3.4		2.8	3.4	2.5	3.3	3.2		2.9	3.1		2.8	3.0				42.0
	44.0	2.9	3.4	3.2		2.2	2.9	1.9	2.7	3.3		2.3	3.0	2.1	2.8	3.2		2.4	3.1			2.9				44.0
	46.0	2.5	3.0	3.2			2.4		2.3	2.8			2.5		2.4	2.9			2.6			2.6				46.0
	48.0	2.2	2.6				1.9		1.9	2.4					2.0	2.5										48.0
	50.0	1.8	2.3													2.1										50.0
	52.0	1.6	2.0																							52.0
	54.0	1.3	1.7																							54.0
	56.0		1.4																							56.0
	58.0																									58.0
	60.0																									60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
	2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
	3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
	4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
%	5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
	ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
	[DEG]	39~81.5	42~83.5	61~83.5	58~81.5	61~83.5	61~83.5	54~81.5	56~83.5	61~83.5	61~81.5	63~83.5	66~83.5	58~81.5	60~83.5	62~83.5	63~81.5	66~83.5	69~83.5	67~81.5	69~83.5	70~83.5				[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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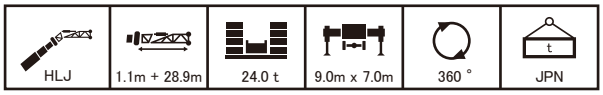

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.2	3.4	2.7	4.3	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	4.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	4.0	3.2	2.6	4.1	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	4.0	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	3.7	3.0	2.5	3.8	3.2	2.6	3.9	3.2	2.6	3.7	3.1	2.6	3.6	3.2	2.7	36.0
38.0	2.3			3.2	2.7	2.4	3.1	2.7	2.4	3.2	2.9	2.4	3.2	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.5	3.0	3.1	2.6	38.0
40.0				3.0	2.6	2.3	2.9	2.6	2.3	2.8	2.8	2.4	2.7	2.9	2.4	3.4	2.9	2.4	3.4	2.8	2.4	2.5	3.0	2.5	40.0
42.0				2.8	2.5		2.8	2.5		2.3	2.6	2.3	2.3	2.8	2.3	3.0	2.8	2.3	3.2	2.7	2.3	2.1	2.9	2.4	42.0
44.0				2.6	2.4		2.6	2.4		1.9	2.5	2.2	1.9	2.6	2.3	2.6	2.6	2.3	3.0	2.6	2.3		2.7	2.4	44.0
46.0				2.2	2.3		2.5	2.3		1.5	2.3		1.5	2.3	2.2	2.2	2.5	2.2	2.9	2.5	2.2		2.2	2.3	46.0
48.0				1.9	2.2		2.3	2.2		1.2	1.8			1.9		1.9	2.4		2.7	2.4				2.2	48.0
50.0				1.6			2.2				1.4			1.5		1.6	2.2		2.5	2.3				2.1	50.0
52.0																1.3	1.8		2.2	2.2					52.0
54.0																	1.5		2.0	2.2					54.0
56.0																			1.8						56.0
58.0																			1.5						58.0
60.0																			1.3						60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	27~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	38~81.5	43~83.5	60~83.5	46~81.5	49~83.5	61~83.5	38~81.5	43~83.5	61~83.5	25~81.5	45~83.5	62~83.5	57~81.5	61~83.5	62~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.8	3.2	2.7	3.5	3.1	2.7	3.5	3.0		3.2	2.9					34.0
36.0	3.6	3.1	2.6	3.5	3.2	2.7	3.7	3.1	2.7	3.5	3.1	2.7	3.5	3.0	2.6	3.4	3.0	2.7	3.2	2.9	2.6				36.0
38.0	3.5	3.0	2.5	2.9	3.1	2.6	3.4	3.0	2.6	2.9	3.0	2.6	3.4	2.9	2.6	3.0	2.9	2.6		2.8	2.6				38.0
40.0	3.5	2.9	2.5	2.4	3.0	2.5	2.9	3.0	2.5		3.0	2.5	3.0	2.9	2.5		2.8	2.5		2.7	2.5				40.0
42.0	3.3	2.8	2.4		2.9	2.5	2.5	2.9	2.4		2.9	2.5	2.6	2.8	2.4		2.8	2.4		2.6	2.4				42.0
44.0	2.9	2.8	2.3		2.6	2.4	2.1	2.8	2.4		2.6	2.4	2.1	2.8	2.4		2.7	2.4			2.4				44.0
46.0	2.6	2.7	2.3		2.2	2.3		2.6	2.3			2.3		2.7	2.3			2.3			2.3				46.0
48.0	2.2	2.6	2.2			2.3		2.2	2.2			2.3		2.3	2.2			2.2							48.0
50.0	1.9	2.5	2.2						2.2						2.2										50.0
52.0	1.6	2.2							2.1						2.1										52.0
54.0	1.3	1.9							1.7																54.0
56.0		1.6																							56.0
58.0		1.3																							58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	46~81.5	48~83.5	64~83.5	62~81.5	64~83.5	68~83.5	58~81.5	62~83.5	61~83.5	66~81.5	68~83.5	70~83.5	61~81.5	65~83.5	66~83.5	68~81.5	70~83.5	72~83.5	71~81.5	73~83.5	75~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.7	2.3	1.8	2.7	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8	2.7	2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.6	2.2	1.8	2.6	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8	2.6	2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	2.4	2.0	1.7	2.5	2.1	1.7	2.5	2.1	1.7	2.4	2.0	1.7	2.2	2.1	1.8	42.0
44.0	1.5			2.1	1.8	1.6	2.0	1.8	1.6	2.1	1.9	1.6	2.0	2.0	1.7	2.4	2.0	1.7	2.3	1.9	1.6		2.0	1.7	44.0
46.0				1.9	1.7	1.5	1.9	1.7	1.5	1.7	1.8	1.6	1.7	1.9	1.6	2.3	1.9	1.6	2.2	1.9	1.6		2.0	1.6	46.0
48.0				1.8	1.6		1.8	1.6		1.4	1.7	1.5		1.8	1.5	2.0	1.8	1.5	2.1	1.8	1.5		1.9	1.6	48.0
50.0				1.7	1.6		1.7	1.6			1.7	1.5		1.8	1.5	1.7	1.8	1.5	2.0	1.7	1.5			1.5	50.0
52.0				1.5	1.5		1.6	1.5			1.5			1.5	1.4	1.4	1.7	1.4	1.9	1.7	1.4			1.5	52.0
54.0				1.2	1.4		1.5	1.4								1.1	1.6		1.8	1.6					54.0
56.0							1.4										1.4		1.7	1.5					56.0
58.0																			1.5	1.5					58.0
60.0																			1.3	1.4					60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	30~81.5	41~83.5	62~83.5	28~81.5	42~83.5	63~83.5	45~81.5	50~83.5	60~83.5	51~81.5	54~83.5	60~83.5	42~81.5	49~83.5	60~83.5	36~81.5	44~83.5	62~83.5	61~81.5	64~83.5	67~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
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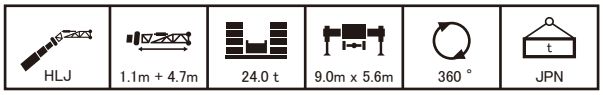
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.0	2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1		2.4	2.1		2.0	2.0					34.0
36.0	2.5	2.1		2.7	2.2		2.6	2.2		2.6	2.1		2.4	2.1		2.4	2.0		2.0	1.9					36.0
38.0	2.5	2.1	1.9	2.6	2.2	1.9	2.5	2.1	1.9	2.5	2.1	1.9	2.4	2.0		2.3	2.0			1.9					38.0
40.0	2.4	2.0	1.8	2.5	2.1	1.8	2.5	2.0	1.8		2.0	1.8	2.3	1.9	1.8		1.9			1.9					40.0
42.0	2.3	2.0	1.7		2.0	1.8	2.4	2.0	1.8		2.0	1.8	2.3	1.9	1.7		1.9			1.8					42.0
44.0	2.3	1.9	1.7		2.0	1.7		1.9	1.7		1.9	1.7		1.9	1.7		1.8								44.0
46.0	2.2	1.9	1.6		1.9	1.7		1.9	1.6		1.6			1.8	1.6										46.0
48.0	2.1	1.8	1.5			1.6		1.9	1.6		1.6			1.8	1.6										48.0
50.0	1.9	1.8	1.5			1.6			1.5		1.5				1.5										50.0
52.0	1.6	1.7	1.5						1.5						1.5										52.0
54.0		1.7	1.4																						54.0
56.0		1.7	1.4																						56.0
58.0		1.5																							58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93		100	100					1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100	100					2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100	100					3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93		100	100					4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93		100	100					5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24		16	16					ID
[DEG]	53~81.5	56~83.5	63~83.5	65~81.5	68~83.5	71~83.5	63~81.5	67~83.5	69~83.5	68~81.5	72~83.5	73~83.5	66~81.5	69~83.5	72~83.5	70~81.5	73~83.5		72~81.5	76~83.5					[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1					
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t					

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	34.2	26.7	21.7	20.0	18.2	17.1	33.3	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	28.4	25.8	21.2	18.9	17.3	16.3	27.6	26.4	21.5	28.2	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		24.1	25.0	20.8	17.9	16.5	15.6	23.3	24.5	21.1	23.9	25.1	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.3	19.9		20.7	21.7	20.4	17.0	15.8	14.9	19.9	21.0	20.7	20.5	21.6	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	17.3	17.7		15.7	16.5	17.0	15.5	14.5	13.8	15.0	15.8	16.5	15.5	16.4	17.0	16.9	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				12.2	12.8	13.3	14.2	13.4	12.9	11.5	12.2	12.8	12.0	12.7	13.3	13.4	14.0	14.5	12.9	12.4	12.1	12.5	13.2	13.8	16.0
18.0				9.7	10.2	10.5	12.5	12.5	12.1	9.0	9.6	10.0	9.5	10.1	10.5	10.8	11.3	11.7	11.9	11.5	11.2	9.9	10.5	11.0	18.0
20.0				7.7	8.1		10.4	10.7		7.0	7.5	7.9	7.5	8.0	8.4	8.8	9.2	9.5	10.4	10.7	10.5	8.0	8.5	8.9	20.0
22.0				6.2	6.5		8.8	9.0		5.5	5.9		6.0	6.4	6.7	7.2	7.6	7.8	8.8	9.0	9.2	6.4	6.8	7.2	22.0
24.0				4.9	5.2		7.5	7.7		4.3	4.6		4.7	5.1		5.9	6.3		7.5	7.7		5.1	5.5	5.8	24.0
26.0				3.9			6.5			3.3	3.5		3.7	4.0		4.9	5.2		6.4	6.6		4.1	4.4	4.7	26.0
28.0				3.1			5.6			2.4	2.6		2.8	3.1		4.0	4.2		5.5	5.7		3.2	3.5	3.7	28.0
30.0										1.6			2.1	2.3		3.3	3.4		4.7	4.9		2.5	2.7		30.0
32.0													1.4	1.6		2.6	2.8		4.1	4.2		1.8	2.0		32.0
34.0																2.0			3.5						34.0
36.0																1.5			3.0						36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
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64.0																									64.0
68.0																									68.0
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76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	29~79.6	38~83.5	58~83.5	35~79.6	36~83.5	59~83.5	21~74	36~83.5	59~83.5	22~74	37~83.5	60~83.5	49~74	50~83.5	57~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.4	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	10.1	10.7	11.2	10.9	11.4	11.7		11.0	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.0	10.4	10.2	8.1	8.7	9.1	8.9	9.4	9.7	8.4	8.9	9.3	9.2	9.7	9.4		9.2	9.0		8.8	8.4				20.0
22.0	8.4	8.7	9.0	6.6	7.0	7.4	7.3	7.7	8.0	6.8	7.3	7.6	7.6	8.0	8.3	7.1	7.6	7.9	7.1	7.5	7.9				22.0
24.0	7.1	7.4	7.6	5.3	5.7	6.0	6.0	6.4	6.6	5.5	5.9	6.2	6.3	6.7	6.9	5.8	6.2	6.5	5.8	6.2	6.5				24.0
26.0	6.0	6.3	6.4	4.3	4.6	4.9	5.0	5.3	5.5	4.5	4.8	5.1	5.3	5.6	5.8	4.8	5.1	5.4	4.8	5.1	5.4				26.0
28.0	5.1	5.3	5.5	3.4	3.7	3.9	4.1	4.4	4.5	3.6	3.9	4.1	4.4	4.6	4.8	3.9	4.2	4.4	3.9	4.2	4.4				28.0
30.0	4.3	4.5		2.6	2.9	3.1	3.3	3.6	3.7	2.8	3.1	3.3	3.6	3.9	4.0	3.1	3.4	3.6	3.1	3.4	3.6				30.0
32.0	3.7	3.8			2.2		2.7	2.9			2.4	2.6	2.9	3.2	3.3	2.5	2.7	2.9		2.7	2.9				32.0
34.0	3.1	3.2					2.1	2.3					2.4	2.6											34.0
36.0	2.6	2.7						1.7					1.8	2.0											36.0
38.0	2.1	2.2																							38.0
40.0	1.7																								40.0
42.0	1.3																								42.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
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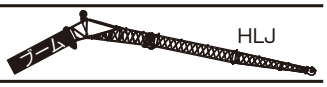
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	29~74	40~83.5	58~83.5	56~74	55~83.5	58~83.5	50~74	49~83.5	59~83.5	59~74	58~83.5	59~83.5	52~74	53~83.5	59~83.5	60~74	62~83.5	62~83.5	64~74	64~83.5	64~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				



HLJ	1.1m + 10.9m	24.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.3	10.0	8.2	11.9	9.7	8.2	12.4	10.4	8.4	12.7	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	12.9	10.7	8.9	16.0
18.0	8.6	7.7		10.7	9.4	7.9	10.9	9.2	7.9	9.9	9.8	8.1	10.2	10.1	8.3	11.3	9.9	8.2	10.5	9.5	8.2	10.3	10.3	8.6	18.0
20.0	7.9	7.3		8.8	8.9	7.7	10.1	8.7	7.6	8.0	9.2	7.9	8.2	9.4	8.0	9.3	9.5	8.0	9.8	8.9	7.9	8.4	9.6	8.4	20.0
22.0				7.2	8.1	7.5	9.4	8.3	7.4	6.5	7.5	7.6	6.7	7.7	7.8	7.7	8.6	7.8	9.1	8.5	7.7	6.8	7.9	8.2	22.0
24.0				6.0	6.7	7.3	8.1	8.0	7.3	5.2	6.1	6.8	5.5	6.4	7.1	6.5	7.3	7.6	7.8	8.1	7.6	5.6	6.5	7.3	24.0
26.0				5.0	5.6		7.0	7.5		4.2	5.0	5.5	4.4	5.2	5.8	5.4	6.1	6.6	6.8	7.3	7.3	4.6	5.4	6.0	26.0
28.0				4.1	4.6		6.1	6.5		3.4	4.0		3.6	4.3	4.8	4.6	5.2	5.6	5.9	6.3	6.7	3.7	4.4	5.0	28.0
30.0				3.4	3.8		5.4	5.7		2.6	3.2		2.8	3.4		3.8	4.3		5.1	5.5		2.9	3.6	4.1	30.0
32.0				2.7			4.7			2.0	2.5		2.2	2.7		3.2	3.6		4.4	4.8		2.3	2.9	3.4	32.0
34.0				2.2			4.2			1.4	1.8		1.6	2.1		2.6	3.0		3.9	4.2			2.3	2.7	34.0
36.0														1.5		2.1	2.5		3.4	3.6					36.0
38.0																1.7			3.0						38.0
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42.0																			2.2						42.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	26~76	44~83.5	61~83.5	36~76	41~83.5	61~83.5	43~76	44~83.5	61~83.5	30~76	44~83.5	61~83.5	26~76	45~83.5	63~83.5	55~76	57~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	10.3	10.1	8.7	11.0	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	8.4	9.6	8.5	9.1	9.3	8.4	8.5	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.6	8.0	7.4	6.8	7.9	8.3	7.5	8.5	8.1	7.0	8.0	7.7	7.7	7.5	6.9	7.4	7.2	6.6	7.0	6.7	6.3				22.0
24.0	7.3	7.7	7.1	5.6	6.5	7.3	6.2	7.1	7.8	5.7	6.7	7.4	6.5	7.2	6.6	6.2	6.9	6.4	6.1	6.5	6.0				24.0
26.0	6.2	6.8	6.8	4.5	5.4	6.1	5.2	6.0	6.6	4.7	5.5	6.2	5.4	6.2	6.4	5.1	5.9	6.2	5.1	5.9	5.8				26.0
28.0	5.3	5.9	6.3	3.7	4.4	5.0	4.3	5.0	5.6	3.8	4.6	5.2	4.5	5.2	5.8	4.2	5.0	5.6	4.2	4.9	5.6				28.0
30.0	4.6	5.1	5.5	2.9	3.6	4.2	3.6	4.2	4.7	3.1	3.8	4.3	3.8	4.4	4.9	3.5	4.1	4.7	3.4	4.1	4.7				30.0
32.0	3.9	4.4	4.7	2.3	2.9	3.4	2.9	3.5	3.9		3.1	3.5	3.1	3.7	4.1	2.8	3.4	3.9	2.8	3.4	3.9				32.0
34.0	3.3	3.7	4.1		2.3	2.7	2.4	2.9	3.3		2.4	2.9	2.6	3.1	3.5		2.8	3.3		2.8	3.2				34.0
36.0	2.8	3.2				2.1	1.9	2.3	2.7			2.3	2.1	2.5	2.9			2.7			2.7				36.0
38.0	2.4	2.7						1.8						2.1	2.4										38.0
40.0	2.0	2.3																							40.0
42.0	1.6	1.9																							42.0
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46.0																									46.0
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64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	38~76	42~83.5	61~83.5	58~76	60~83.5	60~83.5	54~76	55~83.5	60~83.5	63~76	63~83.5	63~83.5	57~76	59~83.5	61~83.5	64~77	66~83.5	66~83.5	66~77	67~83.5	68~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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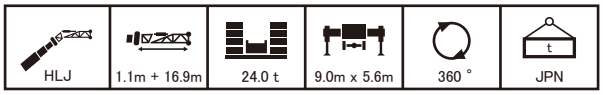

	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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	7.0	14.9																								7.0
	8.0	14.9																								8.0
	9.0	14.8	11.3																	7.9						9.0
	10.0	13.8	10.5		14.6															7.9						10.0
	11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
	12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
	14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
	16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
	18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	10.6	8.5	6.6	10.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
	20.0	6.9	6.1	5.5	9.4	7.7	6.2	8.6	7.5	6.1	8.6	8.0	6.3	8.8	8.2	6.4	9.7	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
	22.0	6.2	5.7	5.1	7.9	7.1	5.9	8.0	7.0	5.8	7.1	7.5	6.0	7.2	7.7	6.1	8.1	7.7	5.9	7.8	6.9	6.0	7.4	7.7	6.2	22.0
	24.0	5.7	5.3		6.6	6.7	5.6	7.5	6.6	5.6	5.8	7.0	5.7	6.0	7.3	5.9	6.9	7.3	5.7	7.4	6.5	5.8	6.1	7.3	6.0	24.0
	26.0	5.2			5.6	6.3	5.4	7.0	6.2	5.3	4.8	6.0	5.5	4.9	6.1	5.7	5.8	6.8	5.5	7.0	6.2	5.6	5.1	6.3	5.8	26.0
	28.0				4.7	5.5	5.2	6.4	5.9	5.1	3.9	5.0	5.3	4.1	5.1	5.5	4.9	5.8	5.3	6.2	5.9	5.4	4.2	5.3	5.6	28.0
	30.0				3.9	4.7	5.0	5.7	5.6	5.0	3.2	4.1	5.0	3.3	4.2	5.0	4.2	5.0	5.2	5.4	5.7	5.2	3.4	4.4	5.3	30.0
	32.0				3.3	3.9		5.0	5.3		2.6	3.4	4.1	2.7	3.5	4.2	3.5	4.2	4.8	4.8	5.4	5.1	2.8	3.7	4.4	32.0
	34.0				2.7	3.3		4.4	4.8		2.0	2.7		2.1	2.9	3.4	3.0	3.6	4.1	4.2	4.7	5.0	2.2	3.0	3.7	34.0
	36.0				2.3	2.7		3.9	4.3		1.5	2.1		1.6	2.3		2.5	3.0		3.7	4.1			2.5	3.1	36.0
	38.0				1.8			3.5				1.6			1.8		2.0	2.5		3.2	3.6			2.0	2.5	38.0
	40.0				1.4			3.1									1.6	2.1		2.8	3.2				2.0	40.0
	42.0																1.2	1.7		2.5	2.8					42.0
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	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
	[DEG]	0~76	0~83.5	0~83.5	23~76	41~83.5	60~83.5	25~76	43~83.5	61~83.5	41~76	44~83.5	60~83.5	47~76	50~83.5	61~83.5	37~76	43~83.5	61~83.5	25~81	45~83.5	63~83.5	57~81	58~83.5	59~83.5	[DEG]
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

	m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
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	11.0	6.8																								11.0
	12.0	6.8						7.1																		12.0
	14.0	6.8			7.8			7.1			6.8			6.0												14.0
	16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						16.0
	18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
	20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
	22.0	6.8	6.5	5.9	7.3	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
	24.0	6.8	6.2	5.7	6.1	7.0	6.0	6.7	6.8	6.0	6.2	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
	26.0	6.6	5.9	5.5	5.0	6.3	5.9	5.6	6.5	5.8	5.1	6.3	5.7	5.8	5.6	5.1	5.3	5.4	5.0	5.2	5.1	4.7				26.0
	28.0	5.7	5.7	5.3	4.1	5.3	5.7	4.7	5.8	5.7	4.2	5.4	5.5	4.9	5.4	5.0	4.4	5.2	4.8	4.3	4.9	4.6				28.0
	30.0	4.9	5.4	5.1	3.4	4.4	5.3	4.0	4.9	5.5	3.5	4.5	5.4	4.1	5.0	4.8	3.6	4.7	4.6	3.6	4.6	4.4				30.0
	32.0	4.2	4.9	4.9	2.7	3.7	4.4	3.3	4.2	4.9	2.8	3.8	4.5	3.5	4.3	4.6	3.0	3.9	4.5		3.9	4.3				32.0
	34.0	3.6	4.3	4.7		3.0	3.7	2.7	3.5	4.2		3.1	3.8	2.9	3.7	4.3		3.3	4.0		3.2	4.0				34.0
	36.0	3.1	3.7	4.2		2.5	3.1	2.2	2.9	3.5		2.5	3.2	2.4	3.1	3.7		2.7	3.4			3.3				36.0
	38.0	2.7	3.2	3.6			2.5		2.4	3.0			2.6		2.6	3.1			2.8			2.8				38.0
	40.0	2.3	2.8	3.1					2.0	2.4					2.1	2.6										40.0
	42.0	1.9	2.4							2.0						2.2										42.0
	44.0	1.6	2.0																							44.0
	46.0	1.3	1.6																							46.0
	48.0		1.3																							48.0
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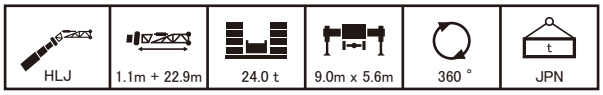
	3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
	4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
	5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
	ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
	[DEG]	43~81	45~83.5	60~83.5	62~81	63~83.5	65~83.5	58~81	59~83.5	60~83.5	65~81	66~83.5	68~83.5	61~81	62~83.5	63~83.5	67~81	68~83.5	70~83.5	70~81	71~83.5	71~83.5				[DEG]
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
		8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
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7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.5	5.4	4.3	6.5	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.1	4.9	4.0	6.0	4.8	4.0	5.4	5.1	4.1	5.4	5.3	4.1	6.2	5.2	4.1	5.6	5.0	4.1	5.3	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.2	4.6	3.8	5.6	4.5	3.8	4.5	4.8	3.9	4.6	5.0	4.0	5.3	5.0	4.0	5.6	4.8	3.9	4.4	5.0	4.0	28.0
30.0	3.6	3.4		4.4	4.3	3.7	5.2	4.3	3.6	3.7	4.5	3.7	3.8	4.7	3.8	4.6	4.7	3.8	5.3	4.6	3.8	3.7	4.9	3.9	30.0
32.0	3.3			3.8	4.1	3.5	4.8	4.0	3.5	3.1	4.2	3.6	3.1	4.3	3.7	3.9	4.5	3.7	4.9	4.4	3.7	3.0	4.2	3.8	32.0
34.0				3.2	3.9	3.4	4.5	3.8	3.4	2.5	3.5	3.5	2.6	3.6	3.6	3.3	4.2	3.6	4.3	4.2	3.5	2.5	3.6	3.7	34.0
36.0				2.7	3.4	3.3	4.2	3.7	3.3	2.0	2.9	3.4	2.1	3.0	3.5	2.8	3.6	3.5	3.8	4.0	3.4		3.0	3.6	36.0
38.0				2.3	2.9		3.7	3.5		1.5	2.4	3.0		2.5	3.1	2.4	3.1	3.4	3.4	3.9	3.4		2.4	3.2	38.0
40.0				1.9	2.4		3.3	3.3			1.9			2.0	2.6	2.0	2.6	3.2	3.0	3.5	3.3			2.7	40.0
42.0				1.5	2.0		3.0	3.2			1.4					1.6	2.2		2.6	3.1				2.2	42.0
44.0				1.2			2.7									1.2	1.8		2.3	2.7					44.0
46.0							2.4										1.4		2.0	2.3					46.0
48.0																			1.7	2.0					48.0
50.0																			1.4						50.0
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	27~81.5	41~83.5	59~83.5	24~81.5	43~83.5	60~83.5	45~81.5	47~83.5	60~83.5	52~81.5	55~83.5	61~83.5	42~81.5	46~83.5	61~83.5	29~81.5	44~83.5	62~83.5	61~81.5	64~83.5	64~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
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12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
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28.0	4.9	4.7	4.0	4.4	5.0	4.1	4.9	4.9	4.0	4.4	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	3.6	4.8	3.9	4.1	4.7	3.9	3.6	4.7	3.9	4.2	4.3	3.9	3.8	4.2	3.8	3.7	3.9	3.6				30.0
32.0	4.3	4.3	3.8	2.9	4.2	3.8	3.5	4.6	3.8	3.0	4.2	3.8	3.6	4.1	3.8	3.1	4.0	3.7		3.8	3.5				32.0
34.0	3.8	4.2	3.7		3.5	3.7	2.9	3.9	3.7		3.6	3.7	3.0	4.0	3.7		3.7	3.6		3.6	3.4				34.0
36.0	3.2	4.0	3.6		2.9	3.6	2.4	3.3	3.6		3.0	3.7	2.5	3.4	3.5		3.1	3.4			3.3				36.0
38.0	2.8	3.5	3.5			3.2		2.8	3.5			3.3		2.9	3.4			3.3			3.2				38.0
40.0	2.4	3.1	3.4			2.7		2.4	3.0			2.7		2.5	3.1			2.9							40.0
42.0	2.0	2.6	3.1						2.5						2.7										42.0
44.0	1.7	2.3	2.7						2.1						2.2										44.0
46.0	1.4	1.9	2.3																						46.0
48.0		1.6																							48.0
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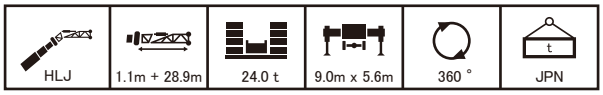
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	49~81.5	53~83.5	60~83.5	65~81.5	68~83.5	69~83.5	62~81.5	64~83.5	65~83.5	67~81.5	70~83.5	72~83.5	64~81.5	67~83.5	68~83.5	69~81.5	72~83.5	74~83.5	72~81.5	75~83.5	77~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



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°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
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3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.0	3.6	2.9	4.0	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	3.9	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	3.4	3.4	2.7	3.4	3.5	2.8	4.1	3.4	2.8	3.9	3.3	2.8	3.2	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.5	3.1	2.6	3.6	3.0	2.6	2.8	3.2	2.6	2.8	3.3	2.7	3.5	3.3	2.7	3.8	3.2	2.7	2.6	3.3	2.7	34.0
36.0	2.4	2.3		3.0	2.9	2.5	3.3	2.9	2.5	2.3	3.0	2.5	2.3	3.2	2.6	3.0	3.2	2.6	3.7	3.1	2.6		3.2	2.7	36.0
38.0	2.3			2.5	2.7	2.4	3.1	2.7	2.4	1.8	2.9	2.4	1.8	2.9	2.5	2.5	3.0	2.5	3.4	3.0	2.5		2.8	2.6	38.0
40.0				2.1	2.6	2.3	2.9	2.6	2.3		2.4	2.4		2.4	2.4	2.1	2.9	2.4	3.0	2.8	2.4		2.3	2.5	40.0
42.0				1.8	2.4		2.8	2.5			1.9	2.3		2.0	2.3	1.8	2.5	2.3	2.7	2.7	2.3			2.4	42.0
44.0				1.4	2.0		2.6	2.4			1.5	2.2			2.3	1.4	2.1	2.3	2.3	2.6	2.3			2.3	44.0
46.0				1.1	1.7		2.4	2.3							1.8		1.8	2.2	2.0	2.5	2.2				46.0
48.0					1.3		2.2	2.2									1.4		1.8	2.2					48.0
50.0							1.9												1.5	1.9					50.0
52.0																			1.3	1.7					52.0
54.0																				1.4					54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	34~81.5	40~83.5	62~83.5	29~81.5	42~83.5	64~83.5	51~81.5	53~83.5	60~83.5	55~81.5	59~83.5	60~83.5	48~81.5	51~83.5	61~83.5	39~81.5	44~83.5	62~83.5	64~81.5	67~83.5	69~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2						28.0
30.0	3.7	3.3		3.8	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2						30.0
32.0	3.7	3.3	2.8	3.1	3.4	2.8	3.6	3.3	2.8		3.3		3.5	3.1			3.1								32.0
34.0	3.7	3.2	2.7		3.3	2.7	3.0	3.2	2.7		3.2	2.7	3.1	3.1	2.7		3.0								34.0
36.0	3.3	3.1	2.6		3.2	2.7	2.5	3.1	2.7		3.1	2.7		3.0	2.6		3.0								36.0
38.0	2.9	3.0	2.5		2.8	2.6		3.0	2.6			2.6		2.9	2.6										38.0
40.0	2.4	2.9	2.5			2.5		2.7	2.5			2.5		2.7	2.5										40.0
42.0	2.1	2.8	2.4			2.5			2.4			2.5			2.4										42.0
44.0	1.7	2.5	2.3						2.4						2.4										44.0
46.0		2.1	2.3																						46.0
48.0		1.8	2.2																						48.0
50.0			2.0																						50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93		100						1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100						2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100						3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93		100						4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93		100						5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24		16						ID
[DEG]	56~81.5	60~83.5	63~83.5	68~81.5	71~83.5	73~83.5	65~81.5	69~83.5	72~83.5	71~81.5	74~83.5	75~83.5	69~81.5	71~83.5	74~83.5	73~81.5	76~83.5		74~81.5						[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1						
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t						

HLJ	1.1m + 34.9m	24.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0		2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.5	2.4	1.9	2.5	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9		2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.1	2.3	1.8		2.3	1.9	2.6	2.2	1.9	2.5	2.1	1.8		2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.3	2.0	1.7	2.3	2.0	1.7		2.2	1.8		2.2	1.8	2.2	2.2	1.8	2.4	2.1	1.8		2.1	1.8	40.0
42.0	1.6	1.5		1.9	1.9	1.6	2.2	1.9	1.6		2.0	1.7		2.1	1.7	1.9	2.1	1.7	2.4	2.0	1.7			1.8	42.0
44.0	1.5			1.6	1.8	1.6	2.0	1.8	1.6		1.9	1.6			1.7		2.0	1.7	2.3	1.9	1.6			1.7	44.0
46.0				1.3	1.7	1.5	1.9	1.7	1.5			1.6			1.6		1.9	1.6	2.0	1.9	1.6				46.0
48.0					1.6		1.8	1.6				1.5			1.5		1.7	1.5	1.8	1.8	1.5				48.0
50.0					1.3		1.7	1.6				1.5						1.5	1.5	1.7	1.5				50.0
52.0							1.6	1.5										1.4	1.3	1.7	1.4				52.0
54.0							1.5	1.4												1.5					54.0
56.0							1.3													1.3					56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	43~81.5	47~83.5	62~83.5	28~81.5	42~83.5	63~83.5	56~81.5	60~83.5	60~83.5	61~81.5	65~83.5	66~83.5	55~81.5	58~83.5	60~83.5	46~81.5	50~83.5	62~83.5	68~81.5	71~83.5	74~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
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5.0																									5.0
6.0																									6.0
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8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6									30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3			2.2		2.6	2.2											32.0
34.0	2.6	2.2			2.3		2.7	2.2			2.2		2.5	2.1											34.0
36.0	2.5	2.1			2.2			2.2			2.1			2.1											36.0
38.0	2.5	2.1	1.9		2.2			2.1	1.9					2.0											38.0
40.0	2.4	2.0	1.8					2.0	1.8					1.9											40.0
42.0	2.1	2.0	1.7						1.8																42.0
44.0		1.9	1.7						1.7																44.0
46.0		1.9	1.6						1.6																46.0
48.0		1.8	1.5																						48.0
50.0			1.5																						50.0
52.0			1.5																						52.0
54.0																									54.0
56.0																									56.0
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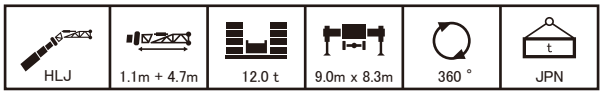
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93		46	46	46	93	93		46	46		93			100						1
2	46	46	46	93	93		93	93	93	93	93		93	93		93			100						2
3	93	93	93	93	93		93	93	93	93	93		93	93		93			100						3
4	93	93	93	46	46		93	93	93	93	93		93	93		93			100						4
5	93	93	93	46	46		46	46	46	46	46		93	93		93			100						5
ID	21	21	21	38	38		31	31	31	32	32		23	23		24			16						ID
[DEG]	62~81.5	65~83.5	68~83.5	70~81.5	74~83.5		69~81.5	73~83.5	75~83.5	73~81.5	77~83.5		71~81.5	74~83.5		74~81.5			76~81.5						[DEG]
	1	1	1	1	1		1	1	1	1	1		1	1		1			1						
	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t		8.7t			8.7t						

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	36.8	26.7	21.7	20.0	18.2	17.1	38.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	35.0	25.8	21.2	18.9	17.3	16.3	34.6	26.4	21.5	30.4	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		29.8	25.0	20.8	17.9	16.5	15.6	29.0	25.7	21.1	29.6	26.3	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	22.8	19.9		25.5	24.2	20.4	17.0	15.8	14.9	24.6	25.0	20.7	25.3	25.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	19.8	18.1		19.2	20.0	19.7	15.5	14.5	13.8	18.3	19.3	20.1	19.0	19.9	20.4	19.3	17.3	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				14.7	15.4	15.9	14.2	13.4	12.9	13.9	14.7	15.3	14.5	15.3	15.9	16.0	16.3	15.2	12.9	12.4	12.1	15.0	14.8	13.9	16.0
18.0				11.6	12.1	12.5	13.2	12.5	12.1	10.8	11.5	11.9	11.4	12.0	12.5	12.8	13.3	13.7	11.9	11.5	11.2	11.9	12.5	13.0	18.0
20.0				9.2	9.6		12.1	11.7		8.5	9.0	9.4	9.0	9.5	9.9	10.4	10.8	11.2	11.1	10.8	10.5	9.5	10.0	10.4	20.0
22.0				7.4	7.7		10.2	10.5		6.7	7.1		7.2	7.6	7.9	8.5	8.9	9.2	10.2	10.1	9.9	7.6	8.1	8.4	22.0
24.0				5.9	6.2		8.7	8.9		5.2	5.6		5.7	6.1		7.0	7.3		8.6	8.9		6.2	6.6	6.9	24.0
26.0				4.8			7.5			4.1	4.4		4.5	4.9		5.8	6.1		7.4	7.6		5.0	5.3	5.6	26.0
28.0				3.8			6.4			3.1	3.3		3.6	3.8		4.8	5.0		6.3	6.5		4.0	4.3	4.5	28.0
30.0										2.3			2.7	2.9		3.9	4.1		5.5	5.6		3.1	3.4		30.0
32.0										1.5			2.0	2.2		3.2	3.4		4.7	4.8		2.4	2.6		32.0
34.0													1.3			2.6			4.1			1.7	2.0		34.0
36.0																2.1			3.6						36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	21~79.6	38~83.5	58~83.5	29~79.6	36~83.5	59~83.5	22~74	36~83.5	59~83.5	22~74	37~83.5	60~83.5	45~74	47~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
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7.0																									7.0
8.0																									8.0
9.0		14.5																							9.0
10.0		14.3	13.4		16.1			15.3																	10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2											11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4		11.2			10.1					12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8		10.8	10.3		10.1	9.7				14.0
16.0	12.3	11.8	11.2		13.6	12.9		12.8	12.4		12.3	11.8		10.8	10.3		10.3	9.8		9.6	9.2				16.0
18.0	11.5	11.0	10.7	12.1	12.7	12.3	12.8	12.1	11.7		11.7	11.3		10.3	9.8		9.8	9.4		9.2	8.8				18.0
20.0	10.8	10.4	10.2	9.7	10.2	10.7	10.5	11.0	11.2	9.9	10.5	10.7	10.2	9.8	9.4		9.4	9.0		8.8	8.4				20.0
22.0	9.7	9.8	9.6	7.8	8.3	8.7	8.6	9.0	9.4	8.1	8.5	8.9	8.9	9.3	9.0	8.4	8.9	8.7	8.4	8.4	8.1				22.0
24.0	8.2	8.5	8.7	6.3	6.8	7.1	7.1	7.5	7.8	6.6	7.0	7.3	7.4	7.8	8.1	6.9	7.3	7.6	6.9	7.3	7.6				24.0
26.0	7.0	7.2	7.4	5.1	5.5	5.8	5.9	6.2	6.4	5.4	5.7	6.0	6.2	6.5	6.8	5.7	6.0	6.3	5.7	6.0	6.3				26.0
28.0	5.9	6.2	6.3	4.1	4.4	4.7	4.9	5.2	5.4	4.3	4.7	4.9	5.2	5.5	5.7	4.7	5.0	5.2	4.6	5.0	5.2				28.0
30.0	5.1	5.3		3.3	3.6	3.7	4.0	4.3	4.4	3.5	3.8	4.0	4.3	4.6	4.7	3.8	4.1	4.3	3.8	4.1	4.3				30.0
32.0	4.3	4.5		2.5	2.8		3.3	3.5		2.8	3.0	3.2	3.6	3.8	3.9	3.1	3.3	3.5	3.1	3.3	3.5				32.0
34.0	3.7	3.8			2.1		2.6	2.8			2.4		2.9	3.1		2.4	2.7	2.8		2.7	2.8				34.0
36.0	3.1	3.2					2.1	2.3					2.4	2.6											36.0
38.0	2.6	2.7					1.5	1.7					1.9	2.0											38.0
40.0	2.2																								40.0
42.0	1.8																								42.0
44.0	1.4																								44.0
46.0																									46.0
48.0																									48.0
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72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	23~74	40~83.5	58~83.5	53~74	52~83.5	59~83.5	44~74	46~83.5	59~83.5	57~74	56~83.5	59~83.5	49~74	51~83.5	60~83.5	58~74	59~83.5	60~83.5	62~74	62~83.5	62~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t				

HLJ	1.1m + 10.9m	12.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.9	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	13.6	10.0	8.2	11.9	9.7	8.2	14.3	10.4	8.4	14.4	10.6	8.5	13.8	10.5	8.5	11.4	10.1	8.5	13.4	10.7	8.9	16.0
18.0	8.6	7.7		12.3	9.4	7.9	10.9	9.2	7.9	11.8	9.8	8.1	12.1	10.1	8.3	13.1	9.9	8.2	10.5	9.5	8.2	12.3	10.3	8.6	18.0
20.0	7.9	7.3		10.4	8.9	7.7	10.1	8.7	7.6	9.5	9.3	7.9	9.8	9.6	8.0	10.9	9.5	8.0	9.8	8.9	7.9	9.9	9.9	8.4	20.0
22.0				8.5	8.5	7.5	9.5	8.3	7.4	7.7	8.8	7.6	8.0	9.0	7.8	9.1	9.0	7.8	9.1	8.5	7.7	8.1	9.2	8.2	22.0
24.0				7.1	7.8	7.3	8.9	8.0	7.3	6.2	7.2	7.5	6.5	7.4	7.6	7.6	8.4	7.6	8.6	8.1	7.6	6.6	7.6	8.0	24.0
26.0				5.9	6.5		8.1	7.7		5.1	5.9	6.5	5.3	6.1	6.8	6.4	7.1	7.4	7.8	7.6	7.3	5.4	6.3	7.0	26.0
28.0				4.9	5.4		7.0	7.4		4.1	4.8		4.3	5.1	5.6	5.4	6.0	6.5	6.7	7.2	7.0	4.4	5.2	5.8	28.0
30.0				4.0	4.5		6.2	6.5		3.3	3.9		3.5	4.1		4.5	5.1		5.9	6.3		3.6	4.3	4.8	30.0
32.0				3.3			5.4			2.6	3.1		2.8	3.3		3.8	4.3		5.1	5.5		2.9	3.5	4.0	32.0
34.0				2.8			4.8			1.9	2.4		2.2	2.7		3.2	3.6		4.5	4.8		2.3	2.8	3.2	34.0
36.0										1.4			1.6	2.1		2.6	3.0		3.9	4.2			2.2		36.0
38.0																2.2			3.5				1.7		38.0
40.0																1.7			3.0						40.0
42.0																1.3			2.7						42.0
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64.0																									64.0
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76.0																									76.0
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4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	43~83.5	60~83.5	26~76	44~83.5	61~83.5	31~76	41~83.5	61~83.5	39~76	44~83.5	61~83.5	25~76	44~83.5	62~83.5	26~76	45~83.5	63~83.5	53~76	51~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
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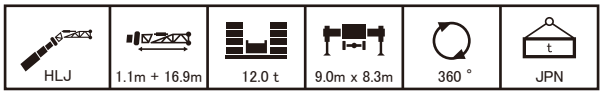
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	12.2	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	11.8	10.1	8.7	11.1	9.7	8.6	10.3	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.5	8.4	7.7	9.9	9.6	8.5	10.5	9.3	8.4	10.1	8.9	8.0	8.9	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	8.9	8.0	7.4	8.1	9.2	8.3	8.8	8.9	8.1	8.2	8.5	7.7	8.4	7.5	6.9	7.7	7.2	6.6	7.0	6.7	6.3				22.0
24.0	8.4	7.7	7.1	6.6	7.6	8.0	7.3	8.2	7.8	6.8	7.8	7.5	7.6	7.2	6.6	7.2	6.9	6.4	7.0	6.5	6.0				24.0
26.0	7.2	7.3	6.8	5.4	6.3	7.0	6.1	6.9	7.5	5.6	6.5	7.2	6.3	6.9	6.4	6.0	6.6	6.2	6.0	6.2	5.8				26.0
28.0	6.2	6.8	6.6	4.4	5.2	5.9	5.1	5.8	6.4	4.6	5.4	6.0	5.3	6.1	6.2	5.0	5.8	6.0	5.0	5.8	5.6				28.0
30.0	5.3	5.8	6.3	3.6	4.3	4.9	4.3	4.9	5.4	3.7	4.5	5.0	4.5	5.1	5.6	4.2	4.9	5.4	4.1	4.8	5.4				30.0
32.0	4.6	5.0	5.4	2.9	3.5	4.0	3.5	4.1	4.6	3.0	3.7	4.2	3.8	4.3	4.8	3.4	4.1	4.6	3.4	4.0	4.6				32.0
34.0	3.9	4.4	4.7	2.3	2.9	3.3	2.9	3.4	3.9	2.4	3.0	3.5	3.1	3.7	4.1	2.8	3.4	3.8	2.7	3.4	3.8				34.0
36.0	3.4	3.8			2.3	2.6	2.4	2.9	3.2		2.4	2.8	2.6	3.1	3.4		2.8	3.2		2.8	3.2				36.0
38.0	2.9	3.2					1.9	2.3				2.2	2.1	2.5	2.9			2.6			2.6				38.0
40.0	2.5	2.8						1.9						2.1											40.0
42.0	2.1	2.3																							42.0
44.0	1.7	2.0																							44.0
46.0	1.4																								46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	35~76	42~83.5	61~83.5	56~76	58~83.5	60~83.5	51~76	53~83.5	61~83.5	59~76	61~83.5	61~83.5	55~76	57~83.5	61~83.5	62~77	64~83.5	64~83.5	64~77	66~83.5	66~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.6	9.2		12.4	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.9	8.2	6.5	9.3	8.1	6.4	11.8	8.5	6.6	11.7	8.8	6.7	10.9	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	9.8	7.7	6.2	8.6	7.5	6.1	10.2	8.0	6.3	10.4	8.2	6.4	10.3	8.2	6.2	7.9	7.3	6.3	8.7	8.0	6.4	20.0
22.0	6.2	5.7	5.1	8.9	7.1	5.9	8.0	7.0	5.8	8.4	7.5	6.0	8.5	7.7	6.1	9.5	7.7	5.9	7.8	6.9	6.0	8.7	7.7	6.2	22.0
24.0	5.7	5.3		7.7	6.7	5.6	7.5	6.6	5.6	6.9	7.0	5.7	7.1	7.3	5.9	8.0	7.3	5.7	7.4	6.5	5.8	7.2	7.3	6.0	24.0
26.0	5.2			6.5	6.3	5.4	7.0	6.2	5.3	5.7	6.6	5.5	5.9	6.9	5.7	6.8	6.9	5.5	7.0	6.2	5.6	6.0	7.0	5.8	26.0
28.0				5.5	6.0	5.2	6.6	5.9	5.1	4.7	5.8	5.3	4.9	6.0	5.5	5.8	6.6	5.3	6.6	5.9	5.4	5.0	6.2	5.6	28.0
30.0				4.7	5.4	5.0	6.3	5.6	5.0	3.9	4.8	5.1	4.0	5.0	5.3	4.9	5.8	5.2	6.2	5.7	5.2	4.1	5.2	5.5	30.0
32.0				3.9	4.6		5.7	5.3		3.2	4.0	4.8	3.3	4.2	4.9	4.2	4.9	5.1	5.5	5.4	5.1	3.4	4.4	5.1	32.0
34.0				3.3	3.9		5.1	5.1		2.6	3.3		2.7	3.4	4.0	3.5	4.2	4.8	4.8	5.2	5.0	2.8	3.6	4.3	34.0
36.0				2.8	3.2		4.5	4.9		2.0	2.6		2.1	2.8		3.0	3.6		4.3	4.7		2.2	3.0	3.6	36.0
38.0				2.3			4.1			1.5	2.1		1.6	2.3		2.5	3.0		3.8	4.2			2.4	3.0	38.0
40.0				1.9			3.6				1.5			1.7		2.1	2.5		3.3	3.7			1.9	2.4	40.0
42.0														1.3		1.7	2.1		2.9	3.2					42.0
44.0																1.3			2.6						44.0
46.0																			2.2						46.0
48.0																			2.0						48.0
50.0																									50.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	23~76	42~83.5	60~83.5	25~76	43~83.5	61~83.5	38~76	40~83.5	61~83.5	44~76	43~83.5	61~83.5	33~76	43~83.5	61~83.5	25~81	45~83.5	63~83.5	55~81	56~83.5	60~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0	6.8																								11.0
12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	7.8	7.3	6.2	7.1	7.0	6.2	6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	7.2	7.0	6.0	7.1	6.8	6.0	6.8	6.5	5.9	6.0	5.8	5.3	5.8	5.6	5.2	5.3	5.3					24.0
26.0	6.7	5.9	5.5	6.0	6.7	5.9	6.6	6.5	5.8	6.1	6.3	5.7	6.0	5.6	5.1	5.8	5.4	5.0	5.3	5.1	4.7				26.0
28.0	6.4	5.7	5.3	4.9	6.1	5.7	5.6	6.3	5.7	5.0	6.1	5.5	5.7	5.4	5.0	5.2	5.2	4.8	5.2	4.9	4.6				28.0
30.0	5.7	5.4	5.1	4.1	5.2	5.5	4.7	5.7	5.5	4.2	5.3	5.4	4.9	5.2	4.8	4.4	5.0	4.6	4.3	4.7	4.4				30.0
32.0	4.9	5.2	4.9	3.4	4.3	5.2	4.0	4.9	5.4	3.4	4.4	5.2	4.1	5.0	4.6	3.6	4.6	4.5	3.6	4.6	4.3				32.0
34.0	4.3	4.9	4.7	2.7	3.6	4.3	3.3	4.1	4.8	2.8	3.7	4.5	3.5	4.3	4.5	3.0	3.9	4.4	2.9	3.8	4.1				34.0
36.0	3.7	4.3	4.6		3.0	3.6	2.8	3.5	4.1		3.1	3.8	2.9	3.7	4.3		3.3	3.9		3.2	3.9				36.0
38.0	3.2	3.7	4.2		2.4	3.0	2.3	2.9	3.5		2.5	3.1	2.4	3.1	3.6		2.7	3.3			3.3				38.0
40.0	2.7	3.2	3.6			2.5		2.4	2.9			2.6	2.0	2.6	3.1			2.8			2.7				40.0
42.0	2.3	2.8						2.0	2.4					2.2	2.6										42.0
44.0	2.0	2.4													2.2										44.0
46.0	1.7	2.0																							46.0
48.0	1.4	1.7																							48.0
50.0		1.4																							50.0
52.0																									52.0
54.0																									54.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	40~81	42~83.5	61~83.5	60~81	61~83.5	63~83.5	56~81	57~83.5	61~83.5	63~81	64~83.5	66~83.5	57~81	60~83.5	61~83.5	65~81	66~83.5	68~83.5	67~81	70~83.5	70~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	7.3	5.8	4.5	7.3	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.7	5.2	4.2	6.3	5.1	4.1	6.9	5.4	4.3	7.0	5.5	4.3	6.7	5.4	4.3	5.6	5.2	4.2	6.1	5.4		24.0
26.0	4.2	3.9	3.6	6.3	4.9	4.0	6.0	4.8	4.0	6.4	5.1	4.1	6.4	5.3	4.1	6.4	5.2	4.1	5.6	5.0	4.1	6.1	5.2	4.2	26.0
28.0	3.9	3.7	3.4	5.8	4.6	3.8	5.6	4.5	3.8	5.3	4.8	3.9	5.4	5.0	4.0	6.2	5.0	4.0	5.6	4.8	3.9	5.3	5.0	4.0	28.0
30.0	3.6	3.4		5.2	4.3	3.7	5.2	4.3	3.6	4.5	4.5	3.7	4.5	4.7	3.8	5.4	4.7	3.8	5.3	4.6	3.8	4.4	4.9	3.9	30.0
32.0	3.3			4.5	4.1	3.5	4.8	4.0	3.5	3.7	4.3	3.6	3.8	4.5	3.7	4.6	4.5	3.7	5.1	4.4	3.7	3.7	4.7	3.8	32.0
34.0				3.8	3.9	3.4	4.5	3.8	3.4	3.1	4.1	3.5	3.2	4.2	3.6	3.9	4.3	3.6	4.9	4.2	3.5	3.0	4.2	3.7	34.0
36.0				3.3	3.7	3.3	4.2	3.7	3.3	2.6	3.5	3.4	2.6	3.6	3.5	3.4	4.1	3.5	4.4	4.0	3.4	2.5	3.5	3.6	36.0
38.0				2.8	3.4		4.0	3.5		2.1	2.9	3.3	2.1	3.0	3.4	2.9	3.6	3.4	3.9	3.9	3.4		2.9	3.5	38.0
40.0				2.3	2.9		3.7	3.3		1.6	2.3		1.6	2.4	3.1	2.4	3.1	3.3	3.5	3.7	3.3		2.4	3.2	40.0
42.0				2.0	2.4		3.5	3.2		1.2	1.9			2.0		2.0	2.6		3.1	3.5				2.6	42.0
44.0				1.6			3.1				1.4			1.5		1.7	2.2		2.7	3.1				2.1	44.0
46.0				1.3			2.8									1.3	1.8		2.4	2.7					46.0
48.0																	1.5		2.1	2.4					48.0
50.0																			1.8						50.0
52.0																			1.6						52.0
54.0																			1.3						54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	22~81.5	41~83.5	59~83.5	24~81.5	43~83.5	60~83.5	39~81.5	44~83.5	60~83.5	47~81.5	49~83.5	61~83.5	39~81.5	43~83.5	61~83.5	24~81.5	44~83.5	62~83.5	59~81.5	62~83.5	62~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.6	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	5.6	5.1	4.2	5.2	5.0	4.2	5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	5.2	5.0	4.1	5.2	4.9	4.0	5.0	4.9	4.1	4.5	4.4	4.1	4.4	4.3		4.1	4.1					28.0
30.0	4.9	4.5	3.9	4.3	4.8	3.9	4.9	4.7	3.9	4.4	4.7	3.9	4.5	4.3	3.9	4.4	4.2	3.8	4.1	3.9	3.6				30.0
32.0	4.9	4.3	3.8	3.6	4.7	3.8	4.1	4.6	3.8	3.6	4.6	3.8	4.3	4.1	3.8	3.8	4.0	3.7	3.7	3.8	3.5				32.0
34.0	4.4	4.2	3.7	3.0	4.1	3.7	3.5	4.5	3.7	3.0	4.2	3.7	3.6	4.0	3.7	3.1	3.9	3.6		3.7	3.4				34.0
36.0	3.8	4.0	3.6		3.5	3.6	2.9	3.9	3.6		3.5	3.7	3.0	3.8	3.5		3.7	3.4		3.5	3.3				36.0
38.0	3.3	3.9	3.5		2.9	3.5	2.4	3.3	3.5		3.0	3.6	2.5	3.5	3.4		3.1	3.3		3.0	3.2				38.0
40.0	2.9	3.6	3.4		2.4	3.1		2.8	3.4			3.2		2.9	3.3			3.2			3.1				40.0
42.0	2.5	3.1	3.3			2.6		2.4	3.0			2.7		2.5	3.1			2.8			2.8				42.0
44.0	2.1	2.7	3.1						2.5						2.7										44.0
46.0	1.8	2.3	2.7						2.1						2.2										46.0
48.0	1.5	2.0																							48.0
50.0		1.7																							50.0
52.0		1.3																							52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	47~81.5	48~83.5	61~83.5	63~81.5	64~83.5	67~83.5	60~81.5	63~83.5	63~83.5	66~81.5	69~83.5	70~83.5	63~81.5	65~83.5	66~83.5	68~81.5	71~83.5	72~83.5	71~81.5	72~83.5	73~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

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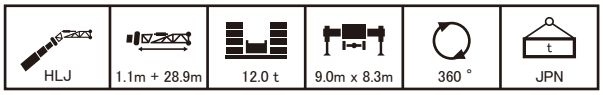

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.7	3.8	3.0	4.7	3.8	3.0	4.5	3.7	3.0	4.1	3.5		4.4	3.7		28.0
30.0	3.1	2.8	2.6	4.3	3.5	2.8	4.1	3.4	2.8	4.4	3.6	2.9	4.5	3.6	2.9	4.3	3.5	2.9	4.1	3.4	2.9	4.3	3.5	2.9	30.0
32.0	2.9	2.6	2.4	4.0	3.2	2.7	3.8	3.2	2.7	4.1	3.4	2.7	4.1	3.5	2.8	4.2	3.4	2.8	3.9	3.3	2.8	3.9	3.4	2.8	32.0
34.0	2.7	2.5	2.3	3.7	3.1	2.6	3.6	3.0	2.6	3.4	3.2	2.6	3.4	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.2	3.3	2.7	34.0
36.0	2.4	2.3		3.4	2.9	2.5	3.3	2.9	2.5	2.9	3.0	2.5	2.9	3.2	2.6	3.6	3.2	2.6	3.7	3.1	2.6	2.7	3.2	2.7	36.0
38.0	2.3			3.1	2.7	2.4	3.1	2.7	2.4	2.4	2.9	2.4	2.4	3.0	2.5	3.1	3.0	2.5	3.6	3.0	2.5		3.1	2.6	38.0
40.0				2.6	2.6	2.3	2.9	2.6	2.3	1.9	2.8	2.4	1.9	2.9	2.4	2.6	2.9	2.4	3.4	2.8	2.4		2.8	2.5	40.0
42.0				2.2	2.5		2.8	2.5		1.5	2.4	2.3		2.4	2.3	2.2	2.8	2.3	3.1	2.7	2.3		2.4	2.4	42.0
44.0				1.9	2.4		2.6	2.4			2.0	2.2		2.0	2.3	1.9	2.6	2.3	2.8	2.6	2.3			2.4	44.0
46.0				1.5	2.1		2.5	2.3			1.6				2.2	1.5	2.2	2.2	2.4	2.5	2.2			2.3	46.0
48.0				1.2	1.7		2.3	2.2									1.8		2.1	2.4					48.0
50.0							2.2										1.5		1.9	2.3					50.0
52.0																			1.6	2.0					52.0
54.0																			1.4	1.7					54.0
56.0																			1.2						56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	31~81.5	41~83.5	62~83.5	29~81.5	42~83.5	64~83.5	46~81.5	50~83.5	60~83.5	52~81.5	57~83.5	61~83.5	46~81.5	49~83.5	61~83.5	32~81.5	44~83.5	62~83.5	62~81.5	65~83.5	67~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
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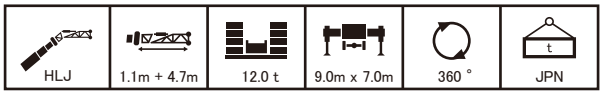
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5			3.2						20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5			3.2						22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5			3.2						24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5	3.3		3.2						26.0
28.0	3.7	3.4		4.2	3.6		3.9	3.5		3.8	3.4		3.5	3.3		3.5	3.2		3.2	3.1					28.0
30.0	3.7	3.3		4.2	3.5		3.9	3.4		3.8	3.3		3.5	3.2		3.5	3.1		3.2	3.0					30.0
32.0	3.7	3.3	2.8	3.8	3.4	2.8	3.9	3.3	2.8	3.8	3.3		3.5	3.1		3.5	3.1		3.2	3.0					32.0
34.0	3.7	3.2	2.7	3.1	3.3	2.7	3.6	3.2	2.7	3.1	3.2	2.7	3.5	3.1	2.7	3.2	3.0			2.9					34.0
36.0	3.6	3.1	2.6		3.2	2.7	3.1	3.1	2.7		3.1	2.7	3.1	3.0	2.6		3.0	2.7		2.9					36.0
38.0	3.4	3.0	2.5		3.1	2.6	2.6	3.0	2.6		3.0	2.6	2.6	2.9	2.6		2.9	2.6		2.8					38.0
40.0	2.9	2.9	2.5		2.8	2.5		3.0	2.5		2.8	2.5		2.9	2.5			2.5							40.0
42.0	2.5	2.8	2.4			2.5		2.7	2.4			2.5		2.8	2.4			2.4							42.0
44.0	2.2	2.8	2.3			2.4		2.3	2.4			2.4			2.4			2.4							44.0
46.0	1.9	2.5	2.3						2.3						2.3										46.0
48.0	1.5	2.2	2.2						2.2																48.0
50.0		1.9	2.2																						50.0
52.0		1.6																							52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100					1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100					2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100					3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100					4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100					5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16					ID
[DEG]	52~81.5	55~83.5	64~83.5	66~81.5	69~83.5	71~83.5	63~81.5	66~83.5	67~83.5	68~81.5	71~83.5	73~83.5	66~81.5	70~83.5	72~83.5	70~81.5	75~83.5	75~83.5	73~81.5	76~83.5					[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t					

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	3.1	2.6	2.1	3.1	2.5		3.0	2.4		2.8	2.3		2.9	2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	3.0	2.5	2.0	3.0	2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0	2.8	2.3		34.0
36.0	2.0	1.9	1.7	2.8	2.3	1.9	2.6	2.2	1.9	2.8	2.4	1.9	2.8	2.4	2.0	2.8	2.3	2.0	2.6	2.2	1.9	2.8	2.3	2.0	36.0
38.0	1.8	1.7	1.6	2.6	2.2	1.8	2.5	2.1	1.8	2.6	2.3	1.8	2.5	2.3	1.9	2.7	2.2	1.9	2.5	2.1	1.8		2.2	1.9	38.0
40.0	1.7	1.6	1.5	2.4	2.0	1.7	2.3	2.0	1.7	2.1	2.2	1.8	2.1	2.2	1.8	2.6	2.2	1.8	2.4	2.1	1.8		2.1	1.8	40.0
42.0	1.6	1.5		2.2	1.9	1.6	2.2	1.9	1.6	1.7	2.0	1.7		2.1	1.7	2.3	2.1	1.7	2.4	2.0	1.7		2.1	1.8	42.0
44.0	1.5			2.0	1.8	1.6	2.0	1.8	1.6		1.9	1.6		2.0	1.7	2.0	2.0	1.7	2.3	1.9	1.6			1.7	44.0
46.0				1.7	1.7	1.5	1.9	1.7	1.5		1.8	1.6		1.9	1.6	1.6	1.9	1.6	2.2	1.9	1.6			1.6	46.0
48.0				1.4	1.6		1.8	1.6				1.5			1.5		1.8	1.5	2.1	1.8	1.5			1.6	48.0
50.0					1.6		1.7	1.6				1.5			1.5		1.8	1.5	1.9	1.7	1.5				50.0
52.0					1.4		1.6	1.5										1.4	1.6	1.7	1.4				52.0
54.0							1.5	1.4											1.4	1.6					54.0
56.0							1.4												1.2	1.5					56.0
58.0																				1.4					58.0
60.0																				1.1					60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	40~81.5	44~83.5	62~83.5	28~81.5	42~83.5	63~83.5	52~81.5	57~83.5	60~83.5	57~81.5	61~83.5	63~83.5	51~81.5	57~83.5	60~83.5	41~81.5	44~83.5	62~83.5	66~81.5	69~83.5	71~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0																									14.0
16.0	2.9																								16.0
18.0	2.9			3.2			3.0			3.0			2.7												18.0
20.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						20.0
22.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						22.0
24.0	2.9			3.2			3.0			3.0			2.7			2.7			2.0						24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			2.7			2.0						26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4		2.8	2.4		2.7	2.3		2.6			2.0						28.0
30.0	2.8	2.3		2.9	2.4		2.8	2.4		2.8	2.3		2.6	2.2		2.6	2.2		2.0	2.0					30.0
32.0	2.7	2.3		2.9	2.3		2.8	2.3		2.7	2.2		2.6	2.2		2.5	2.1			2.0					32.0
34.0	2.6	2.2		2.8	2.3		2.7	2.2			2.2		2.5	2.1			2.1			2.0					34.0
36.0	2.5	2.1			2.2		2.6	2.2			2.1		2.4	2.1			2.0			1.9					36.0
38.0	2.5	2.1	1.9		2.2	1.9	2.5	2.1	1.9		2.1			2.0			2.0			1.9					38.0
40.0	2.4	2.0	1.8		2.1	1.8		2.0	1.8		2.0			1.9	1.8										40.0
42.0	2.3	2.0	1.7			1.8		2.0	1.8					1.9	1.7										42.0
44.0	2.2	1.9	1.7			1.7		1.9	1.7						1.7										44.0
46.0	1.9	1.9	1.6			1.7			1.6						1.6										46.0
48.0		1.8	1.5						1.6						1.6										48.0
50.0		1.8	1.5																						50.0
52.0			1.5																						52.0
54.0			1.4																						54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93		46	46	46	93	93		100	100					1
2	46	46	46	93	93	93	93	93	93	93	93		93	93	93	93	93		100	100					2
3	93	93	93	93	93	93	93	93	93	93	93		93	93	93	93	93		100	100					3
4	93	93	93	46	46	46	93	93	93	93	93		93	93	93	93	93		100	100					4
5	93	93	93	46	46	46	46	46	46	46	46		93	93	93	93	93		100	100					5
ID	21	21	21	38	38	38	31	31	31	32	32		23	23	23	24	24		16	16					ID
[DEG]	58~81.5	64~83.5	65~83.5	69~81.5	73~83.5	75~83.5	66~81.5	70~83.5	73~83.5	72~81.5	74~83.5		69~81.5	73~83.5	75~83.5	73~81.5	77~83.5		75~81.5	78~83.5					[DEG]
	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1					
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t					

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.7	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	34.4	26.7	21.7	20.0	18.2	17.1	33.4	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		18.2		9.0
10.0	25.8	21.6	19.2	28.0	25.8	21.2	18.9	17.3	16.3	27.1	26.4	21.5	27.8	27.0	21.8		19.8	18.1		15.9	14.9		17.6	16.2	10.0
11.0	24.4	20.8		23.3	24.5	20.8	17.9	16.5	15.6	22.4	23.8	21.1	23.1	24.4	21.4		19.1	17.5		15.2	14.3		17.0	15.8	11.0
12.0	21.5	19.9		19.7	20.8	20.4	17.0	15.8	14.9	18.9	20.1	20.7	19.5	20.7	21.0	20.7	18.5	17.0	15.4	14.7	13.8		16.5	15.3	12.0
14.0	16.3	16.7		14.6	15.4	16.0	15.5	14.5	13.8	13.8	14.7	15.5	14.4	15.3	16.0	15.9	16.7	16.0	14.0	13.4	13.0		15.6	14.6	14.0
16.0				11.1	11.7	12.2	14.1	13.4	12.9	10.3	11.1	11.7	10.9	11.6	12.2	12.3	13.0	13.4	12.9	12.4	12.1	11.4	12.1	12.7	16.0
18.0				8.6	9.1	9.5	11.5	11.9	12.1	7.9	8.5	8.9	8.4	9.0	9.5	9.7	10.3	10.7	11.4	11.5	11.2	8.9	9.5	10.0	18.0
20.0				6.7	7.1		9.5	9.8		6.0	6.5	6.8	6.5	7.0	7.4	7.8	8.2	8.6	9.4	9.8	10.0	6.9	7.5	7.9	20.0
22.0				5.2	5.5		7.9	8.2		4.5	4.9		5.0	5.4	5.7	6.3	6.6	6.9	7.9	8.2	8.4	5.4	5.9	6.2	22.0
24.0				4.0	4.3		6.7	6.9		3.3	3.7		3.8	4.2		5.0	5.4		6.6	6.9		4.2	4.6	4.9	24.0
26.0				3.1			5.7			2.4	2.6		2.8	3.1		4.0	4.3		5.6	5.8		3.2	3.6	3.8	26.0
28.0				2.3			4.8			1.5	1.8		2.0	2.3		3.2	3.4		4.7	4.9		2.4	2.7	2.9	28.0
30.0														1.5		2.5	2.7		4.0	4.1					30.0
32.0																1.9	2.0		3.4	3.5					32.0
34.0																1.4			2.8						34.0
36.0																			2.4						36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~79.6	0~83.5	0~83.5	20~79.6	39~83.5	57~83.5	21~74	40~83.5	58~83.5	36~79.6	37~83.5	58~83.5	44~79.6	41~83.5	59~83.5	29~74	36~83.5	59~83.5	22~74	37~83.5	60~83.5	55~74	56~83.5	57~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	3	3	3	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0		14.5														9.0
10.0		14.3	13.4		16.1			15.3								10.0
11.0		13.8	13.0		15.6	14.6		15.0	14.1		13.8			12.2		11.0
12.0		13.3	12.6		15.2	14.2		14.6	13.7		13.8	13.0		12.1	11.4	12.0
14.0		12.5	11.9		14.3	13.5		13.7	13.0		13.1	12.3		11.4	10.8	14.0
16.0	12.3	11.8	11.2		12.3	12.9		12.8	12.4		12.3	11.8		10.8	10.3	16.0
18.0	11.0	11.0	10.7	9.0	9.7	10.2	9.9	10.4	10.9		9.9	10.4		10.3	9.8	18.0
20.0	9.0	9.4	9.7	7.1	7.7	8.1	7.9	8.4	8.8	7.4	7.9	8.3	8.2	8.7	9.1	20.0
22.0	7.5	7.8	8.1	5.6	6.1	6.4	6.4	6.8	7.1	5.8	6.3	6.7	6.7	7.1	7.4	22.0
24.0	6.2	6.5	6.7	4.4	4.8	5.1	5.1	5.5	5.8	4.6	5.0	5.3	5.4	5.8	6.1	24.0
26.0	5.2	5.4	5.6	3.4	3.7	4.0	4.1	4.4	4.7	3.6	4.0	4.2	4.4	4.7	5.0	26.0
28.0	4.3	4.5	4.7	2.5	2.9	3.1	3.3	3.6	3.7	2.8	3.1	3.3	3.6	3.9	4.1	28.0
30.0	3.6	3.8					2.5	2.8	3.0				2.8	3.1	3.3	30.0
32.0	3.0	3.1						2.2					2.2	2.5	2.6	32.0
34.0	2.4	2.6														34.0
36.0	1.9	2.1														36.0
38.0	1.5	1.6														38.0
40.0	1.1															40.0
42.0																42.0
44.0																44.0
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60.0																60.0
64.0																64.0
68.0																68.0
72.0																72.0
76.0																76.0
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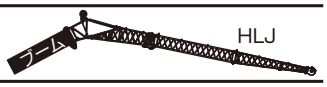
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	ID
[DEG]	34~74	39~83.5	58~83.5	58~74	60~83.5	61~83.5	56~74	55~83.5	58~83.5	62~74	63~83.5	64~83.5	57~74	58~83.5	59~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	



HLJ	1.1m + 10.9m	12.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5			11.9		11.0
12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			11.7		12.0
14.0	10.7	8.9	7.8	14.7	10.7	8.6	13.0	10.4	8.5	14.8	11.1	8.7	14.9	11.2	8.8	14.7	11.1	8.8	12.4	10.7	8.8		11.2		14.0
16.0	9.6	8.3	7.4	12.2	10.0	8.2	11.9	9.7	8.2	11.3	10.4	8.4	11.6	10.6	8.5	12.8	10.5	8.5	11.4	10.1	8.5	11.8	10.7	8.9	16.0
18.0	8.6	7.7		9.7	9.4	7.9	10.9	9.2	7.9	8.8	9.8	8.1	9.1	10.1	8.3	10.3	9.9	8.2	10.5	9.5	8.2	9.3	10.3	8.6	18.0
20.0	7.9	7.3		7.8	8.8	7.7	10.1	8.7	7.6	7.0	8.2	7.9	7.2	8.4	8.0	8.3	9.4	8.0	9.8	8.9	7.9	7.4	8.6	8.4	20.0
22.0				6.3	7.2	7.5	8.5	8.3	7.4	5.5	6.5	7.4	5.7	6.8	7.7	6.8	7.7	7.8	8.2	8.5	7.7	5.9	6.9	7.9	22.0
24.0				5.1	5.8	6.4	7.3	7.8	7.3	4.3	5.2	5.9	4.5	5.5	6.2	5.6	6.4	7.0	7.0	7.6	7.6	4.7	5.6	6.4	24.0
26.0				4.1	4.7		6.2	6.7		3.3	4.1	4.7	3.6	4.4	5.0	4.6	5.3	5.8	6.0	6.5	7.0	3.7	4.5	5.2	26.0
28.0				3.3	3.8		5.4	5.7		2.5	3.2		2.8	3.5	4.0	3.8	4.4	4.8	5.1	5.6	6.0	2.9	3.6	4.2	28.0
30.0				2.6	3.0		4.7	5.0		1.8	2.4		2.1	2.7		3.1	3.6		4.4	4.8			2.8	3.4	30.0
32.0				2.0			4.1			1.2	1.7			2.0		2.5	2.9		3.8	4.1			2.2	2.6	32.0
34.0				1.5			3.5									1.9	2.3		3.2	3.5					34.0
36.0																1.5	1.8		2.8	3.0					36.0
38.0																			2.4						38.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	25~76	42~83.5	60~83.5	26~76	43~83.5	61~83.5	40~76	45~83.5	61~83.5	49~76	51~83.5	61~83.5	39~76	44~83.5	61~83.5	26~76	45~83.5	63~83.5	60~76	59~83.5	62~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
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8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0		10.6			11.4																				12.0
14.0		9.9			10.9			10.7			10.2			9.1											14.0
16.0	10.6	9.4	8.5	11.8	10.5	8.9	11.1	10.2	8.9		9.8			8.7			7.7			7.0					16.0
18.0	10.1	8.9	8.1	9.2	10.1	8.7	10.0	9.7	8.6	9.4	9.3	8.3	9.1	8.2	7.5		7.7	7.2		7.0					18.0
20.0	9.2	8.4	7.7	7.3	8.6	8.5	8.1	9.2	8.4	7.5	8.7	8.0	8.3	7.8	7.2	7.7	7.5	6.9	7.0	7.0	6.5				20.0
22.0	7.6	8.0	7.4	5.9	7.0	7.9	6.6	7.6	8.1	6.0	7.1	7.7	6.8	7.5	6.9	6.5	7.2	6.6	6.4	6.7	6.3				22.0
24.0	6.4	7.1	7.1	4.7	5.6	6.4	5.3	6.2	7.0	4.8	5.8	6.6	5.6	6.4	6.6	5.3	6.2	6.4	5.2	6.2	6.0				24.0
26.0	5.4	6.0	6.6	3.7	4.5	5.3	4.3	5.1	5.8	3.8	4.7	5.4	4.6	5.3	6.0	4.3	5.1	5.8	4.2	5.1	5.8				26.0
28.0	4.5	5.1	5.6	2.9	3.6	4.3	3.5	4.2	4.8	3.0	3.8	4.4	3.7	4.4	5.0	3.4	4.2	4.8	3.4	4.1	4.8				28.0
30.0	3.8	4.3	4.8		2.9	3.4	2.8	3.4	4.0		3.0	3.6	3.0	3.7	4.2		3.4	4.0		3.4	3.9				30.0
32.0	3.2	3.7	4.0			2.7	2.2	2.8	3.2			2.8	2.4	3.0	3.4			3.2			3.2				32.0
34.0	2.7	3.1	3.4					2.2	2.6					2.4	2.8										34.0
36.0	2.2	2.6							2.0						2.3										36.0
38.0	1.8	2.1																							38.0
40.0	1.4	1.7																							40.0
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44.0																									44.0
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72.0																									72.0
76.0																									76.0
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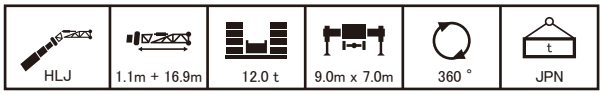
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	44~76	45~83.5	60~83.5	63~76	64~83.5	65~83.5	58~76	60~83.5	60~83.5	65~76	67~83.5	68~83.5	61~76	63~83.5	63~83.5	67~77	69~83.5	70~83.5	69~77	71~83.5	71~83.5				[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1				
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
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7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		13.4	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	12.2	8.9	6.9	10.1	8.7	6.8	12.1	9.2		12.3	9.4		11.0	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	10.4	8.2	6.5	9.3	8.1	6.4	9.6	8.5	6.6	9.7	8.8	6.7	10.7	8.7	6.4	7.9	7.7		8.7	8.4		18.0
20.0	6.9	6.1	5.5	8.5	7.7	6.2	8.6	7.5	6.1	7.7	8.0	6.3	7.8	8.2	6.4	8.8	8.2	6.2	7.9	7.3	6.3	8.0	8.0	6.4	20.0
22.0	6.2	5.7	5.1	7.0	7.1	5.9	8.0	7.0	5.8	6.2	7.5	6.0	6.3	7.7	6.1	7.2	7.7	5.9	7.8	6.9	6.0	6.5	7.7	6.2	22.0
24.0	5.7	5.3		5.7	6.7	5.6	7.5	6.6	5.6	4.9	6.3	5.7	5.1	6.4	5.9	6.0	7.2	5.7	7.4	6.5	5.8	5.2	6.7	6.0	24.0
26.0	5.2			4.7	5.7	5.4	6.6	6.2	5.3	4.0	5.1	5.5	4.1	5.3	5.7	5.0	6.0	5.5	6.4	6.2	5.6	4.2	5.5	5.8	26.0
28.0				3.9	4.8	5.2	5.7	5.9	5.1	3.1	4.2	5.2	3.3	4.3	5.2	4.2	5.1	5.3	5.5	5.9	5.4	3.4	4.5	5.5	28.0
30.0				3.2	3.9	4.6	5.0	5.5	5.0	2.4	3.4	4.3	2.6	3.5	4.3	3.4	4.3	5.0	4.7	5.4	5.2	2.7	3.7	4.6	30.0
32.0				2.6	3.2		4.3	4.8		1.8	2.6	3.4	1.9	2.8	3.5	2.8	3.6	4.2	4.1	4.7	5.1		3.0	3.8	32.0
34.0				2.1	2.6		3.8	4.2			2.0			2.2	2.8	2.3	2.9	3.5	3.6	4.1	4.5		2.4	3.1	34.0
36.0				1.6	2.1		3.3	3.7			1.5					1.8	2.4		3.1	3.5				2.4	36.0
38.0				1.2			2.9									1.4	1.9		2.6	3.1					38.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	29~76	41~83.5	60~83.5	25~76	43~83.5	61~83.5	48~76	48~83.5	60~83.5	52~76	56~83.5	61~83.5	44~76	47~83.5	61~83.5	24~81	44~83.5	62~83.5	61~81	63~83.5	64~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
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12.0	6.8						7.1																		12.0
14.0	6.8			7.8			7.1			6.8			6.0												14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			5.8			5.3						16.0
18.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3						18.0
20.0	6.8	6.8		7.8	7.6		7.1	7.1		6.8	6.8		6.0	6.0		5.8	5.8		5.3	5.3					20.0
22.0	6.8	6.5	5.9	6.4	7.3	6.2	7.1	7.0	6.2	6.5	6.8		6.0	6.0		5.8	5.8		5.3	5.3					22.0
24.0	6.8	6.2	5.7	5.2	6.6	6.0	5.8	6.8	6.0	5.3	6.5	5.9	6.0	5.8	5.3	5.5	5.6	5.2	5.3	5.3					24.0
26.0	5.8	5.9	5.5	4.2	5.5	5.9	4.8	6.0	5.8	4.3	5.6	5.7	5.0	5.6	5.1	4.5	5.4	5.0	4.4	5.1	4.7				26.0
28.0	4.9	5.7	5.3	3.3	4.5	5.5	3.9	5.0	5.7	3.4	4.6	5.5	4.1	5.2	5.0	3.6	4.8	4.8	3.5	4.7	4.6				28.0
30.0	4.2	5.0	5.1		3.7	4.6	3.2	4.2	5.0		3.8	4.7	3.4	4.3	4.8		3.9	4.6		3.9	4.4				30.0
32.0	3.5	4.3	4.9		3.0	3.8	2.6	3.5	4.2		3.1	3.9	2.8	3.6	4.3		3.2	4.0			4.0				32.0
34.0	3.0	3.6	4.2			3.1		2.9	3.5			3.2		3.0	3.7			3.3			3.3				34.0
36.0	2.5	3.1	3.6			2.5		2.3	2.9					2.5	3.1										36.0
38.0	2.1	2.6	3.0						2.4						2.5										38.0
40.0	1.7	2.2	2.6																						40.0
42.0		1.8																							42.0
44.0		1.5																							44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
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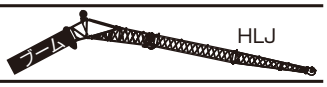
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93	93	46	46	46	93	93	93	46	46	46	93	93	93	100	100	100				1
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	100	100	100				4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93	93	100	100	100				5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24	24	16	16	16				ID
[DEG]	51~81	51~83.5	60~83.5	66~81	67~83.5	67~83.5	62~81	63~83.5	65~83.5	68~81	69~83.5	72~83.5	65~81	66~83.5	68~83.5	70~81	72~83.5	74~83.5	71~81	75~83.5	75~83.5				[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t				



HLJ	1.1m + 22.9m	12.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.2	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.5	6.0		6.5	5.7		7.8	6.1		7.7	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	7.1	5.6	4.4	6.5	5.5	4.4	6.8	5.8	4.5	6.9	5.8		6.8	5.6		5.6	5.4		6.1	5.6		22.0
24.0	4.6	4.3	3.8	6.3	5.2	4.2	6.3	5.1	4.1	5.6	5.4	4.3	5.6	5.5	4.3	6.5	5.4	4.3	5.6	5.2	4.2	5.5	5.4		24.0
26.0	4.2	3.9	3.6	5.3	4.9	4.0	6.0	4.8	4.0	4.6	5.1	4.1	4.6	5.3	4.1	5.4	5.2	4.1	5.6	5.0	4.1	4.5	5.2	4.2	26.0
28.0	3.9	3.7	3.4	4.5	4.6	3.8	5.6	4.5	3.8	3.7	4.8	3.9	3.8	5.0	4.0	4.6	5.0	4.0	5.6	4.8	3.9	3.7	5.0	4.0	28.0
30.0	3.6	3.4		3.7	4.3	3.7	5.2	4.3	3.6	3.0	4.3	3.7	3.1	4.3	3.8	3.8	4.7	3.8	4.9	4.6	3.8	2.9	4.3	3.9	30.0
32.0	3.3			3.1	4.0	3.5	4.7	4.0	3.5	2.4	3.5	3.6	2.4	3.6	3.7	3.2	4.2	3.7	4.3	4.4	3.7		3.6	3.8	32.0
34.0				2.6	3.4	3.4	4.1	3.8	3.4	1.9	2.9	3.5		2.9	3.6	2.7	3.6	3.6	3.7	4.2	3.5		2.9	3.7	34.0
36.0				2.1	2.8	3.3	3.6	3.7	3.3		2.3	3.0		2.4	3.2	2.2	3.0	3.5	3.2	3.9	3.4			3.2	36.0
38.0				1.7	2.3		3.2	3.5			1.8	2.4		1.9	2.6	1.8	2.5	3.1	2.8	3.4	3.4			2.6	38.0
40.0				1.3	1.8		2.8	3.2							2.0		2.1	2.6	2.4	2.9	3.3				40.0
42.0					1.4		2.5	2.8									1.7		2.1	2.5					42.0
44.0							2.2												1.8	2.2					44.0
46.0							1.9												1.5	1.9					46.0
48.0																			1.2	1.6					48.0
50.0																									50.0
52.0																									52.0
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64.0																									64.0
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76.0																									76.0
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ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	36~81.5	41~83.5	59~83.5	24~81.5	42~83.5	60~83.5	51~81.5	54~83.5	60~83.5	57~81.5	57~83.5	60~83.5	50~81.5	52~83.5	61~83.5	36~81.5	44~83.5	62~83.5	64~81.5	68~83.5	69~83.5	[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7	60.0	60.0	60.0				m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40				°
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3.5																									3.5
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8.0																									8.0
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10.0																									10.0
11.0																									11.0
12.0	4.9																								12.0
14.0	4.9			5.6			5.2																		14.0
16.0	4.9			5.6			5.2			5.0			4.5			4.4									16.0
18.0	4.9			5.6			5.2			5.0			4.5			4.4			4.1						18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		5.0	5.0		4.5			4.4			4.1						20.0
22.0	4.9	4.9		5.6	5.5		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1						22.0
24.0	4.9	4.9		5.4	5.3		5.2	5.2		5.0	5.0		4.5	4.5		4.4	4.4		4.1	4.1					24.0
26.0	4.9	4.9	4.1	4.4	5.1	4.2	5.0	5.0	4.2	4.5	5.0		4.5	4.5		4.4	4.4		4.1	4.1					26.0
28.0	4.9	4.7	4.0	3.6	5.0	4.1	4.1	4.9	4.0	3.6	4.9	4.1	4.2	4.4	4.1	3.8	4.3			4.1					28.0
30.0	4.3	4.5	3.9		4.2	3.9	3.4	4.7	3.9		4.3	3.9	3.5	4.3	3.9		4.2			3.9					30.0
32.0	3.7	4.3	3.8		3.5	3.8	2.8	3.9	3.8		3.6	3.8	2.9	4.0	3.8		3.7			3.6					32.0
34.0	3.1	4.0	3.7		2.9	3.7		3.3	3.7			3.7		3.4	3.7										34.0
36.0	2.6	3.4	3.6			3.2		2.7	3.6			3.3		2.8	3.5										36.0
38.0	2.2	2.9	3.5			2.6			3.0						3.1										38.0
40.0	1.8	2.5	3.1						2.5						2.6										40.0
42.0		2.1	2.6																						42.0
44.0		1.7	2.2																						44.0
46.0			1.8																						46.0
48.0																									48.0
50.0																									50.0
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60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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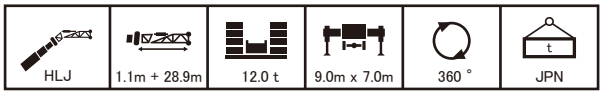
2	46	46	46	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100	100					2
3	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93		100	100					3
4	93	93	93	46	46	46	93	93	93	93	93	93	93	93	93	93	93		100	100					4
5	93	93	93	46	46	46	46	46	46	46	46	46	93	93	93	93	93		100	100					5
ID	21	21	21	38	38	38	31	31	31	32	32	32	23	23	23	24	24		16	16					ID
[DEG]	55~81.5	58~83.5	60~83.5	68~81.5	70~83.5	71~83.5	65~81.5	68~83.5	69~83.5	70~81.5	74~83.5	75~83.5	67~81.5	70~83.5	72~83.5	72~81.5	75~83.5		75~81.5	76~83.5					[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1					
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t					

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
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3.0																									3.0
3.5																									3.5
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4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		5.1	4.1		5.0	4.1		4.8	4.0		4.1	3.8		4.5	3.9		24.0
26.0	3.8	3.3	2.9	4.8	3.9	3.1	4.4	3.7		4.9	3.9		4.8	3.9		4.7	3.8		4.1	3.7		4.5	3.8		26.0
28.0	3.4	3.1	2.7	4.5	3.7	3.0	4.2	3.5	2.9	4.1	3.8	3.0	4.1	3.8	3.0	4.5	3.7	3.0	4.1	3.5		3.9	3.7		28.0
30.0	3.1	2.8	2.6	4.0	3.5	2.8	4.1	3.4	2.8	3.3	3.6	2.9	3.3	3.6	2.9	4.0	3.5	2.9	4.1	3.4	2.9	3.1	3.5	2.9	30.0
32.0	2.9	2.6	2.4	3.4	3.2	2.7	3.8	3.2	2.7	2.7	3.4	2.7	2.7	3.5	2.8	3.4	3.4	2.8	3.9	3.3	2.8		3.4	2.8	32.0
34.0	2.7	2.5	2.3	2.8	3.1	2.6	3.6	3.0	2.6	2.2	3.2	2.6	2.2	3.3	2.7	2.9	3.3	2.7	3.8	3.2	2.7		3.3	2.7	34.0
36.0	2.4	2.3		2.4	2.9	2.5	3.3	2.9	2.5		2.8	2.5		2.9	2.6	2.4	3.2	2.6	3.3	3.1	2.6		2.8	2.7	36.0
38.0	2.3			1.9	2.7	2.4	3.1	2.7	2.4		2.3	2.4		2.3	2.5	1.9	2.9	2.5	2.9	3.0	2.5			2.6	38.0
40.0				1.6	2.3	2.3	2.9	2.6	2.3		1.8	2.4			2.4		2.4	2.4	2.5	2.8	2.4			2.5	40.0
42.0				1.2	1.9		2.6	2.5				2.1			2.2		2.0	2.3	2.1	2.7	2.3				42.0
44.0					1.5		2.2	2.4				1.7					1.6	2.3	1.8	2.4	2.3				44.0
46.0					1.2		2.0	2.3										1.8	1.5	2.1	2.2				46.0
48.0							1.7	2.0											1.3	1.8					48.0
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4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~81.5	0~83.5	0~83.5	41~81.5	44~83.5	62~83.5	28~81.5	42~83.5	64~83.5	56~81.5	58~83.5	59~83.5	59~81.5	64~83.5	66~83.5	55~81.5	57~83.5	60~83.5	44~81.5	47~83.5	62~83.5	67~81.5	70~83.5	73~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

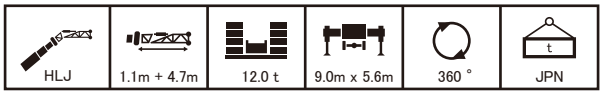
m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	56.7	56.7	56.7							m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40							°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			4.2			3.9			3.8			3.5												16.0
18.0	3.7			4.2			3.9			3.8			3.5			3.5									18.0
20.0	3.7			4.2			3.9			3.8			3.5			3.5									20.0
22.0	3.7	3.7		4.2	3.9		3.9			3.8			3.5			3.5									22.0
24.0	3.7	3.6		4.2	3.8		3.9	3.7		3.8	3.6		3.5	3.5		3.5									24.0
26.0	3.7	3.5		4.2	3.7		3.9	3.6		3.8	3.5		3.5	3.4		3.5									26.0
28.0	3.7	3.4		3.8	3.6		3.9	3.5		3.8	3.4		3.5	3.3											28.0
30.0	3.7	3.3			3.5		3.5	3.4			3.3		3.5	3.2											30.0
32.0	3.7	3.3	2.8		3.4		2.9	3.3	2.8		3.3			3.1											32.0
34.0	3.2	3.2	2.7		3.3			3.2	2.7		3.2			3.1											34.0
36.0	2.7	3.1	2.6					3.1	2.7					3.0											36.0
38.0	2.3	3.0	2.5						2.6																38.0
40.0	1.9	2.7	2.5						2.5																40.0
42.0		2.3	2.4						2.4																42.0
44.0		2.0	2.3																						44.0
46.0			2.2																						46.0
48.0			1.8																						48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	93	93		46	46	46	93	93		46	46		93									1
2	46	46	46	93	93		93	93	93	93	93		93	93		93									2
3	93	93	93	93	93		93	93	93	93	93		93	93		93									3
4	93	93	93	46	46		93	93	93	93	93		93	93		93									4
5	93	93	93	46	46		46	46	46	46	46		93	93		93									5
ID	21	21	21	38	38		31	31	31	32	32		23	23		24									ID
[DEG]	59~81.5	64~83.5	65~83.5	71~81.5	74~83.5		68~81.5	73~83.5	73~83.5	73~81.5	76~83.5		72~81.5	75~83.5		75~81.5									[DEG]
	1	1	1	1	1		1	1	1	1	1		1	1		1									
	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t		8.7t									

HLJ	1.1m + 34.9m	12.0 t	9.0m x 7.0m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	4.6																								7.0
8.0	4.6																								8.0
9.0	4.6																								9.0
10.0	4.6			4.4			3.5																		10.0
11.0	4.6			4.4			3.5			4.3															11.0
12.0	4.6			4.4			3.5			4.3			3.9			3.6									12.0
14.0	4.6			4.4			3.5			4.3			3.9			3.6			3.1						14.0
16.0	4.3			4.4			3.5			4.3			3.9			3.6			3.1			3.4			16.0
18.0	4.1	3.6		4.2			3.5			4.2			3.9			3.6			3.1			3.4			18.0
20.0	3.8	3.4		4.0	3.3		3.5			4.0			3.9			3.6			3.1			3.4			20.0
22.0	3.6	3.2		3.8	3.2		3.5	3.0		3.9	3.2		3.8	3.1		3.6	3.0		3.1			3.4			22.0
24.0	3.3	3.0		3.6	3.0		3.3	2.8		3.7	3.0		3.6	2.9		3.4	2.8		3.1	2.7		3.3	2.7		24.0
26.0	3.1	2.8		3.5	2.9		3.2	2.7		3.5	2.9		3.5	2.8		3.3	2.7		3.1	2.6		3.2	2.7		26.0
28.0	2.9	2.6	2.2	3.3	2.8		3.1	2.6		3.4	2.8		3.3	2.7		3.2	2.6		3.0	2.5		3.1	2.6		28.0
30.0	2.6	2.4	2.1	3.2	2.6		2.9	2.5		3.2	2.7		3.2	2.6		3.1	2.5		2.9	2.4		3.0	2.5		30.0
32.0	2.4	2.2	1.9	3.0	2.5	2.1	2.8	2.4	2.1	2.9	2.6	2.1	2.9	2.5		3.0	2.4		2.8	2.3			2.4		32.0
34.0	2.2	2.0	1.8	2.9	2.4	2.0	2.7	2.3	2.0	2.4	2.5	2.0		2.4	2.0	2.9	2.4	2.0	2.7	2.3	2.0		2.3		34.0
36.0	2.0	1.9	1.7	2.6	2.3	1.9	2.6	2.2	1.9		2.4	1.9		2.4	2.0	2.5	2.3	2.0	2.6	2.2	1.9		2.3		36.0
38.0	1.8	1.7	1.6	2.1	2.2	1.8	2.5	2.1	1.8		2.3	1.8		2.3	1.9	2.1	2.2	1.9	2.5	2.1	1.8				38.0
40.0	1.7	1.6	1.5	1.7	2.0	1.7	2.3	2.0	1.7		2.2	1.8		2.2	1.8		2.2	1.8	2.4	2.1	1.8				40.0
42.0	1.6	1.5		1.4	1.9	1.6	2.2	1.9	1.6			1.7			1.7		2.1	1.7	2.2	2.0	1.7				42.0
44.0	1.5				1.8	1.6	2.0	1.8	1.6			1.6			1.7		1.9	1.7	1.9	1.9	1.6				44.0
46.0					1.5	1.5	1.9	1.7	1.5			1.6						1.6	1.6	1.9	1.6				46.0
48.0							1.8	1.6										1.5		1.8	1.5				48.0
50.0							1.5	1.6												1.6	1.5				50.0
52.0							1.3	1.5												1.4	1.4				52.0
54.0							1.1	1.4																	54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93		1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93		2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46		3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46		4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46		5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42		ID
[DEG]	0~81.5	0~83.5	0~83.5	48~81.5	53~83.5	62~83.5	32~81.5	42~83.5	63~83.5	60~81.5	64~83.5	65~83.5	64~81.5	67~83.5	70~83.5	59~81.5	63~83.5	66~83.5	52~81.5	55~83.5	62~83.5	70~81.5	74~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0																11.0
12.0																12.0
14.0																14.0
16.0	2.9															16.0
18.0	2.9			3.2			3.0			3.0			2.7			18.0
20.0	2.9			3.2			3.0			3.0			2.7			20.0
22.0	2.9			3.2			3.0			3.0			2.7			22.0
24.0	2.9			3.2			3.0			3.0			2.7			24.0
26.0	2.9	2.5		3.1	2.6		3.0	2.5		2.9			2.7			26.0
28.0	2.8	2.4		3.0	2.5		2.9	2.4					2.7	2.3		28.0
30.0	2.8	2.3			2.4		2.8	2.4					2.6	2.2		30.0
32.0	2.7	2.3			2.3			2.3						2.2		32.0
34.0	2.6	2.2						2.2						2.1		34.0
36.0	2.5	2.1						2.2						2.1		36.0
38.0	2.3	2.1	1.9													38.0
40.0		2.0	1.8													40.0
42.0		2.0	1.7													42.0
44.0		1.9	1.7													44.0
46.0			1.6													46.0
48.0			1.5													48.0
50.0																50.0
52.0																52.0
54.0																54.0
56.0																56.0
58.0																58.0
60.0																60.0
64.0																64.0
68.0																68.0
72.0																72.0
76.0																76.0
1	0	0	0	93	93		46	46		93			46	46		1
2	46	46	46	93	93		93	93		93			93	93		2
3	93	93	93	93	93		93	93		93			93	93		3
4	93	93	93	46	46		93	93		93			93	93		4
5	93	93	93	46	46		46	46		46			93	93		5
ID	21	21	21	38	38		31	31		32			23	23		ID
[DEG]	64~81.5	69~83.5	71~83.5	73~81.5	77~83.5		71~81.5	76~83.5		75~81.5			73~81.5	77~83.5		[DEG]
	1	1	1	1	1		1	1		1			1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t		8.7t			8.7t	8.7t		

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	39.3	28.7	22.8		20.4	18.9	38.3	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	30.4	27.6	22.2		19.3	17.9	29.4	28.1	22.4	30.2	28.6	22.6		21.4	19.4		17.3					8.0
9.0	26.2	22.5	19.7	24.3	25.9	21.7	20.0	18.2	17.1	23.4	25.1	21.9	24.1	25.8	22.1		20.5	18.7		16.6	15.5		14.5		9.0
10.0	21.7	21.6	19.2	19.9	21.2	21.2	18.9	17.3	16.3	19.1	20.5	21.5	19.7	21.1	21.8		19.8	18.1		15.9	14.9		14.3	13.4	10.0
11.0	18.3	19.1		16.6	17.7	18.6	17.9	16.5	15.6	15.8	17.1	18.1	16.4	17.6	18.6		19.0	17.5		15.2	14.3		13.8	13.0	11.0
12.0	15.7	16.3		14.0	15.0	15.8	17.0	15.8	14.9	13.2	14.3	15.2	13.8	14.9	15.8	15.3	16.3	17.0	15.4	14.7	13.8		13.3	12.6	12.0
14.0	11.8	12.2		10.2	11.0	11.6	13.2	13.8	13.8	9.5	10.4	11.0	10.0	10.9	11.6	11.4	12.2	12.8	13.2	13.4	13.0		12.5	11.9	14.0
16.0				7.6	8.2	8.6	10.5	10.9	11.2	6.9	7.6	8.1	7.4	8.1	8.6	8.7	9.4	9.8	10.4	10.9	11.2	10.0	10.5	11.0	16.0
18.0				5.6	6.1	6.5	8.4	8.8	9.0	5.0	5.5	6.0	5.5	6.0	6.5	6.8	7.3	7.6	8.4	8.8	9.1	8.0	8.4	8.8	18.0
20.0				4.2	4.6		6.9	7.1		3.5	4.0	4.3	4.0	4.5	4.8	5.2	5.7	6.0	6.8	7.1	7.4	6.4	6.8	7.1	20.0
22.0				3.0	3.3		5.6	5.9		2.3	2.7		2.8	3.2	3.5	4.0	4.4	4.6	5.6	5.9	6.0	5.2	5.5	5.8	22.0
24.0				2.1	2.3		4.6	4.8						2.2		3.1	3.4		4.6	4.8		4.2	4.5	4.7	24.0
26.0				1.3			3.8									2.2	2.5		3.7	3.9		3.4	3.6	3.8	26.0
28.0							3.2									1.6	1.8		3.1	3.2		2.7	2.9	3.0	28.0
30.0																			2.5	2.6		2.1	2.3		30.0
32.0																			2.0	2.1		1.6	1.7		32.0
34.0																			1.5						34.0
36.0																			1.2						36.0
38.0																									38.0
40.0																									40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	0	0	0	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	46	46	46	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	93	93	93	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	93	93	93	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	93	93	93	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
[DEG]	0~79.6	0~83.5	0~83.5	29~79.6	39~83.5	57~83.5	20~74	39~83.5	58~83.5	50~79.6	52~83.5	58~83.5	55~79.6	54~83.5	59~83.5	44~74	46~83.5	59~83.5	22~74	36~83.5	59~83.5	48~74	50~83.5	57~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	2	2	2	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0	14.9																								5.0
	6.0	14.9	13.9																							6.0
	7.0	14.9	12.9																							7.0
	8.0	14.9	12.1			13.6			13.0			13.8														8.0
	9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
	10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
	11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5					11.0
	12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.1	11.8	9.1	14.4	12.0	9.2	14.9	11.8	9.2	12.4	11.3			10.6		12.0
	14.0	10.7	8.9	7.8	11.3	10.7	8.6	13.0	10.4	8.5	10.4	11.1	8.7	10.7	11.2	8.8	11.9	11.1	8.8	12.4	10.7	8.8		9.9		14.0
	16.0	9.6	8.3	7.4	8.6	10.0	8.2	11.0	9.7	8.2	7.8	9.4	8.4	8.1	9.7	8.5	9.2	10.5	8.5	10.7	10.1	8.5	10.1	9.4	8.5	16.0
	18.0	8.6	7.7		6.7	7.9	7.9	9.0	9.2	7.9	5.9	7.3	8.1	6.2	7.5	8.3	7.2	8.4	8.2	8.7	9.5	8.2	8.1	8.9	8.1	18.0
	20.0	7.2	7.3		5.2	6.2	7.1	7.4	8.1	7.6	4.4	5.6	6.6	4.7	5.9	6.8	5.7	6.8	7.6	7.2	8.0	7.9	6.6	7.5	7.7	20.0
	22.0				4.0	4.9	5.6	6.2	6.8	7.3	3.3	4.3	5.1	3.5	4.5	5.4	4.6	5.4	6.2	5.9	6.6	7.2	5.4	6.2	6.8	22.0
	24.0				3.1	3.8	4.4	5.2	5.7	6.1	2.3	3.2	3.9	2.6	3.5	4.2	3.6	4.4	5.0	4.9	5.5	6.0	4.4	5.1	5.7	24.0
	26.0				2.3	2.9		4.4	4.8			2.3	2.9		2.6	3.2	2.8	3.5	4.0	4.1	4.7	5.1	3.6	4.2	4.7	26.0
	28.0				1.7	2.2		3.7	4.1							2.4	2.1	2.7	3.2	3.4	3.9	4.3	2.9	3.5	3.9	28.0
	30.0				1.1	1.5		3.1	3.4								1.6	2.1		2.9	3.3		2.3	2.8	3.2	30.0
	32.0							2.6										1.5		2.4	2.7		1.8	2.3	2.6	32.0
	34.0							2.2												1.9	2.2			1.8	2.1	34.0
	36.0																			1.5	1.8					36.0
	38.0																			1.2						38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
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	72.0																									72.0
	76.0																									76.0
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	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	93	93	93	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	93	93	93	4
	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	93	93	93	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
	[DEG]	0~76	0~83.5	0~83.5	36~76	42~83.5	60~83.5	25~76	43~83.5	61~83.5	54~76	56~83.5	61~83.5	58~76	60~83.5	61~83.5	49~76	51~83.5	61~83.5	35~76	44~83.5	62~83.5	55~76	57~83.5	60~83.5	[DEG]
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

	m	48.0	48.0	48.0	m
	°	0	20	40	°
	3.0				3.0
	3.5				3.5
	4.0				4.0
	4.5				4.5
	5.0				5.0
	6.0				6.0
	7.0				7.0
	8.0				8.0
	9.0				9.0
	10.0				10.0
	11.0				11.0
	12.0				12.0
	14.0		10.7		14.0
	16.0	9.0	10.2	8.9	16.0
	18.0	7.0	8.3	8.6	18.0
	20.0	5.5	6.6	7.5	20.0
	22.0	4.3	5.3	6.1	22.0
	24.0	3.4	4.2	4.9	24.0
	26.0		3.3	4.0	26.0
	28.0		2.6	3.1	28.0
	30.0				30.0
	32.0				32.0
	34.0				34.0
	36.0				36.0
	38.0				38.0
	40.0				40.0
	42.0				42.0
	44.0				44.0
	46.0				46.0
	48.0				48.0
	50.0				50.0
	52.0				52.0
	54.0				54.0
	56.0				56.0
	58.0				58.0
	60.0				60.0
	64.0				64.0
	68.0				68.0
	72.0				72.0
	76.0				76.0
	1	46	46	46	1
	2	93	93	93	2
	3	93	93	93	3
	4	93	93	93	4
	5	46	46	46	5
	ID	31	31	31	ID
	[DEG]	67~76	66~83.5	70~83.5	[DEG]
		2	2	2	
		26t	26t	26t	

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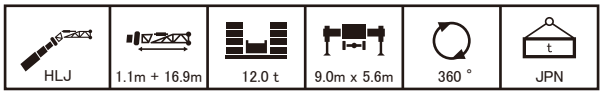

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	12.1	9.7		10.3	9.4		11.2	9.9		11.3	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	9.4	8.9	6.9	10.1	8.7	6.8	8.5	9.2		8.7	9.4		9.7	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	7.4	8.2	6.5	9.3	8.1	6.4	6.6	8.5	6.6	6.7	8.7	6.7	7.7	8.7	6.4	7.9	7.7		6.9	8.4		18.0
20.0	6.9	6.1	5.5	5.9	7.4	6.2	7.8	7.5	6.1	5.1	6.8	6.3	5.2	6.9	6.4	6.2	7.6	6.2	7.6	7.3	6.3	5.4	7.1	6.4	20.0
22.0	6.2	5.7	5.1	4.7	6.0	5.9	6.5	7.0	5.8	3.9	5.4	6.0	4.0	5.5	6.1	5.0	6.3	5.9	6.3	6.9	6.0	4.2	5.7	6.2	22.0
24.0	5.7	5.3		3.7	4.8	5.6	5.5	6.3	5.6	3.0	4.3	5.6	3.1	4.4	5.5	4.0	5.1	5.7	5.3	6.2	5.8	3.2	4.6	5.8	24.0
26.0	4.9			2.9	3.9	4.7	4.7	5.4	5.3	2.2	3.3	4.5		3.5	4.5	3.2	4.2	5.1	4.5	5.3	5.6		3.7	4.7	26.0
28.0				2.2	3.1	3.8	4.0	4.6	5.1		2.5	3.5		2.7	3.5	2.5	3.4	4.2	3.8	4.5	5.1		2.9	3.8	28.0
30.0				1.7	2.4	3.0	3.4	3.9	4.4			2.7			2.8	1.9	2.7	3.4	3.2	3.8	4.4			3.0	30.0
32.0					1.8		2.9	3.4				2.0			2.1		2.1	2.7	2.7	3.3	3.7				32.0
34.0					1.3		2.5	2.9									1.6	2.1	2.2	2.7	3.2				34.0
36.0							2.1	2.4											1.8	2.3					36.0
38.0							1.8												1.5	1.9					38.0
40.0							1.5												1.2	1.5					40.0
42.0																				1.2					42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
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56.0																									56.0
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64.0																									64.0
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	46~76	46~83.5	59~83.5	24~76	42~83.5	60~83.5	57~76	61~83.5	60~83.5	62~76	64~83.5	64~83.5	55~76	56~83.5	60~83.5	41~81	43~83.5	62~83.5	67~81	69~83.5	71~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0	6.8															11.0
12.0	6.8						7.1									12.0
14.0	6.8			7.8			7.1			6.8			6.0			14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			16.0
18.0	6.8	6.8		6.9	7.8		7.1	7.1		6.8	6.8		6.0	6.0		18.0
20.0	6.8	6.8		5.4	7.1		6.0	7.1		5.5	6.8		6.0	6.0		20.0
22.0	5.8	6.5	5.9	4.2	5.7	6.2	4.8	6.2	6.2	4.3	5.8		4.9	6.0		22.0
24.0	4.8	5.8	5.7		4.6	5.8	3.8	5.1	6.0		4.7		4.0	5.2	5.3	24.0
26.0	3.9	4.9	5.5		3.6	4.7	3.0	4.1	5.1		3.7		3.1	4.3	5.1	26.0
28.0	3.2	4.1	4.8			3.8		3.3	4.2					3.5	4.3	28.0
30.0	2.6	3.4	4.1			3.0			3.4						3.6	30.0
32.0	2.1	2.8	3.4						2.8						2.9	32.0
34.0		2.3	2.8													34.0
36.0		1.9	2.3													36.0
38.0			1.9													38.0
40.0																40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
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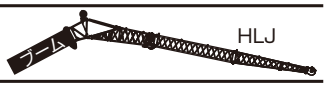
56.0																56.0
58.0																58.0
60.0																60.0
64.0																64.0
68.0																68.0
72.0																72.0
76.0																76.0
1	0	0	0	93	93	93	46	46	46	93	93		46	46	46	1
2	46	46	46	93	93	93	93	93	93	93	93		93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93		93	93	93	3
4	93	93	93	46	46	46	93	93	93	93	93		93	93	93	4
5	93	93	93	46	46	46	46	46	46	46	46		93	93	93	5
ID	21	21	21	38	38	38	31	31	31	32	32		23	23	23	ID
[DEG]	59~81	61~83.5	62~83.5	71~81	73~83.5	73~83.5	67~81	71~83.5	71~83.5	73~81	75~83.5		69~81	73~83.5	73~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1		1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	



HLJ	1.1m + 22.9m	12.0 t	9.0m x 5.6m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		7.3	6.4		7.3	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	6.5	6.0		6.5	5.7		5.8	6.1		5.8	6.0		6.7	5.9		5.6	5.6		5.7	5.8		20.0
22.0	5.1	4.6	4.1	5.3	5.6	4.4	6.5	5.5	4.4	4.5	5.8	4.5	4.6	5.8		5.4	5.6		5.6	5.4		4.5	5.6		22.0
24.0	4.6	4.3	3.8	4.3	5.2	4.2	5.9	5.1	4.1	3.6	5.3	4.3	3.6	5.3	4.3	4.4	5.4	4.3	5.5	5.2	4.2	3.5	5.3		24.0
26.0	4.2	3.9	3.6	3.5	4.8	4.0	5.0	4.8	4.0	2.8	4.3	4.1	2.8	4.3	4.1	3.6	4.9	4.1	4.7	5.0	4.1		4.3		26.0
28.0	3.9	3.7	3.4	2.8	3.9	3.8	4.3	4.5	3.8		3.4	3.9		3.5	4.0	2.9	4.1	4.0	3.9	4.8	3.9		3.5		28.0
30.0	3.6	3.4		2.2	3.2	3.7	3.7	4.3	3.6		2.7	3.7		2.8	3.8	2.3	3.4	3.8	3.3	4.2	3.8				30.0
32.0	3.3			1.7	2.6	3.4	3.2	3.9	3.5		2.1	3.0			3.1		2.8	3.6	2.8	3.6	3.7				32.0
34.0					2.1	2.8	2.7	3.3	3.4			2.4			2.5		2.2	3.0	2.4	3.1	3.5				34.0
36.0					1.6	2.2	2.4	2.9	3.3									2.5	2.0	2.6	3.2				36.0
38.0							2.0	2.4										2.0	1.6	2.2	2.7				38.0
40.0							1.7	2.1											1.3	1.8	2.3				40.0
42.0							1.4	1.7												1.5					42.0
44.0							1.2																		44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
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2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93		2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46		3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46		4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46		5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42		ID
[DEG]	0~76	0~83.5	0~83.5	49~81.5	52~83.5	59~83.5	28~81.5	42~83.5	60~83.5	61~81.5	62~83.5	66~83.5	63~81.5	67~83.5	69~83.5	59~81.5	62~83.5	63~83.5	48~81.5	53~83.5	61~83.5	70~81.5	73~83.5			[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0													3.0
3.5													3.5
4.0													4.0
4.5													4.5
5.0													5.0
6.0													6.0
7.0													7.0
8.0													8.0
9.0													9.0
10.0													10.0
11.0													11.0
12.0	4.9												12.0
14.0	4.9			5.6			5.2						14.0
16.0	4.9			5.6			5.2			4.5			16.0
18.0	4.9			5.6			5.2			4.5			18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		4.5			20.0
22.0	4.9	4.9		4.4	5.5		5.0	5.2		4.5	4.5		22.0
24.0	4.9	4.9			5.2		4.0	5.2		4.1	4.5		24.0
26.0	4.1	4.9	4.1		4.2			4.6	4.2		4.5		26.0
28.0	3.4	4.5	4.0		3.4			3.8	4.0		3.9		28.0
30.0	2.8	3.8	3.9					3.1	3.9		3.2		30.0
32.0	2.2	3.2	3.8						3.5				32.0
34.0		2.7	3.4						2.9				34.0
36.0		2.2	2.9										36.0
38.0			2.4										38.0
40.0			2.0										40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
58.0													58.0
60.0													60.0
64.0													64.0
68.0													68.0
72.0													72.0
76.0													76.0
1	0	0	0	93	93		46	46	46	46	46		1
2	46	46	46	93	93		93	93	93	93	93		2
3	93	93	93	93	93		93	93	93	93	93		3
4	93	93	93	46	46		93	93	93	93	93		4
5	93	93	93	46	46		46	46	46	93	93		5
ID	21	21	21	38	38		31	31	31	23	23		ID
[DEG]	63~81.5	66~83.5	67~83.5	73~81.5	75~83.5		72~81.5	73~83.5	75~83.5	73~81.5	75~83.5		[DEG]
	1	1	1	1	1		1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t		

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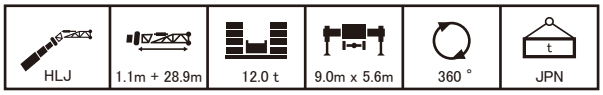

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		4.9	4.3		4.9	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	4.6	4.1		4.6	3.9		3.9	4.1		3.9	4.1		4.6	4.0		4.1	3.8			3.9		24.0
26.0	3.8	3.3	2.9	3.8	3.9	3.1	4.4	3.7		3.1	3.9		3.1	3.9		3.8	3.8		4.1	3.7			3.8		26.0
28.0	3.4	3.1	2.7	3.1	3.7	3.0	4.2	3.5	2.9		3.8	3.0		3.8	3.0	3.1	3.7	3.0	4.0	3.5			3.7		28.0
30.0	3.1	2.8	2.6	2.5	3.5	2.8	3.9	3.4	2.8		3.3	2.9		3.3	2.9	2.5	3.5	2.9	3.4	3.4	2.9		3.2		30.0
32.0	2.9	2.6	2.4	2.0	3.1	2.7	3.3	3.2	2.7		2.6	2.7		2.7	2.8		3.2	2.8	2.9	3.3	2.8				32.0
34.0	2.7	2.5	2.3		2.6	2.6	2.9	3.0	2.6			2.6			2.7		2.6	2.7	2.5	3.2	2.7				34.0
36.0	2.4	2.3			2.1	2.5	2.5	2.9	2.5			2.5			2.6		2.1	2.6	2.0	2.9	2.6				36.0
38.0	2.3				1.6	2.4	2.1	2.7	2.4			2.1						2.5	1.7	2.4	2.5				38.0
40.0						1.9	1.8	2.3	2.3									2.1		2.1	2.4				40.0
42.0							1.5	2.0												1.7	2.3				42.0
44.0							1.3	1.7													1.9				44.0
46.0								1.4													1.6				46.0
48.0								1.1																	48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93		1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93		2
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5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46		5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42		ID
[DEG]	0~81.5	0~83.5	0~83.5	55~81.5	57~83.5	62~83.5	39~81.5	41~83.5	64~83.5	64~81.5	68~83.5	68~83.5	66~81.5	70~83.5	73~83.5	63~81.5	66~83.5	68~83.5	56~81.5	60~83.5	61~83.5	74~81.5	75~83.5			[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t			

m	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	52.4																m
°	0	20	40	0	20	40	0	20	40																°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
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7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			3.9			3.5																		16.0
18.0	3.7			3.9			3.5																		18.0
20.0	3.7			3.9			3.5																		20.0
22.0	3.7	3.7		3.9			3.5																		22.0
24.0	3.7	3.6		3.9			3.5																		24.0
26.0	3.7	3.5																							26.0
28.0	3.4	3.4																							28.0
30.0	2.8	3.3																							30.0
32.0		3.3	2.8																						32.0
34.0		2.9	2.7																						34.0
36.0		2.4	2.6																						36.0
38.0			2.5																						38.0
40.0			2.4																						40.0
42.0																									42.0
44.0																									44.0
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64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46			46																		1
2	46	46	46	93			93																		2
3	93	93	93	93			93																		3
4	93	93	93	93			93																		4
5	93	93	93	46			93																		5
ID	21	21	21	31			23																		ID
[DEG]	68~81.5	71~83.5	74~83.5	74~81.5			75~81.5																		[DEG]
	1	1	1	1			1																		
	8.7t	8.7t	8.7t	8.7t			8.7t																		

	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0	45.4																								3.0
	3.5	43.0																								3.5
	4.0	40.8	29.7																							4.0
	4.5	38.9	28.7																							4.5
	5.0	37.1	27.8	22.8		31.1																				5.0
	6.0	34.1	26.2	21.8	39.2	29.8			21.7			30.1														6.0
	7.0	31.3	24.8	21.0	29.3	28.7	22.8		20.4	18.9	28.4	29.1	22.9		29.5			22.3			18.2					7.0
	8.0	24.8	23.5	20.3	22.9	24.6	22.2		19.3	17.9	22.0	23.9	22.4	22.7	24.5	22.6		21.4	19.4		17.3					8.0
	9.0	20.1	21.2	19.7	18.4	19.8	21.0	20.0	18.2	17.1	17.6	19.2	20.5	18.2	19.7	21.0		20.5	18.7		16.6	15.5		14.5		9.0
	10.0	16.7	17.6	18.3	15.0	16.3	17.3	18.3	17.3	16.3	14.3	15.6	16.8	14.9	16.2	17.3		17.5	18.1		15.9	14.9		14.3	13.4	10.0
	11.0	14.1	14.8		12.5	13.6	14.4	15.6	16.4	15.6	11.7	12.9	13.9	12.3	13.5	14.4		14.8	15.6		15.2	14.3		13.8	13.0	11.0
	12.0	12.0	12.6		10.4	11.4	12.1	13.5	14.2	14.7	9.7	10.8	11.6	10.3	11.3	12.1	11.7	12.6	13.3	13.4	14.1	13.8		13.3	12.6	12.0
	14.0	9.0	9.3		7.4	8.2	8.7	10.3	10.8	11.2	6.7	7.6	8.2	7.3	8.1	8.7	8.6	9.3	9.9	10.3	10.8	11.3		10.5	11.0	14.0
	16.0				5.3	5.9	6.3	8.1	8.5	8.8	4.6	5.3	5.8	5.1	5.8	6.3	6.4	7.0	7.4	8.0	8.5	8.8	7.6	8.2	8.6	16.0
	18.0				3.7	4.2	4.5	6.4	6.7	7.0	3.0	3.6	4.0	3.5	4.1	4.5	4.8	5.3	5.6	6.3	6.7	7.0	6.0	6.4	6.7	18.0
	20.0				2.5	2.9		5.1	5.4			2.3	2.6		2.8	3.1	3.5	3.9	4.2	5.1	5.4	5.6	4.7	5.1	5.3	20.0
	22.0				1.5	1.8		4.1	4.3								2.5	2.9	3.1	4.0	4.3	4.5	3.7	4.0	4.2	22.0
	24.0							3.3	3.4									2.0		3.2	3.4		2.8	3.1	3.3	24.0
	26.0							2.6												2.5	2.7		2.1	2.4	2.5	26.0
	28.0							2.0												1.9	2.1				1.9	28.0
m	30.0																			1.4	1.6					30.0
	32.0																				1.1					32.0
	34.0																									34.0
	36.0																									36.0
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	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
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	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
	[DEG]	0~79.6	0~83.5	0~83.5	42~79.6	45~83.5	57~83.5	20~74	39~83.5	57~83.5	58~79.6	56~83.5	58~83.5	62~79.6	61~83.5	62~83.5	55~74	54~83.5	59~83.5	40~74	36~83.5	59~83.5	57~74	59~83.5	57~83.5	[DEG]
		6	6	6	5	5	5	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	
		60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

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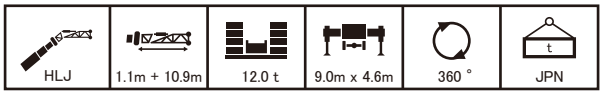

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0	14.9																								5.0
6.0	14.9	13.9																							6.0
7.0	14.9	12.9																							7.0
8.0	14.9	12.1			13.6			13.0			13.8														8.0
9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
11.0	13.2	10.2	8.6	13.5	11.9	9.2	14.9	11.5	9.1	12.5	12.3			12.4			12.1			11.5					11.0
12.0	12.2	9.8	8.3	11.4	11.5	9.0	14.0	11.1	8.9	10.6	11.8	9.1	10.9	12.0	9.2	12.1	11.8	9.2	12.4	11.3			10.6		12.0
14.0	10.5	8.9	7.8	8.4	10.1	8.6	10.8	10.4	8.5	7.6	9.5	8.7	7.9	9.7	8.8	9.0	10.6	8.8	10.5	10.7	8.8		9.9		14.0
16.0	8.3	8.3	7.4	6.3	7.7	8.2	8.6	9.6	8.2	5.5	7.1	8.4	5.8	7.3	8.5	6.9	8.2	8.5	8.3	9.4	8.5	7.7	8.9	8.5	16.0
18.0	6.6	7.3		4.7	5.9	6.9	6.9	7.8	7.9	4.0	5.3	6.4	4.2	5.5	6.6	5.3	6.4	7.4	6.7	7.6	8.2	6.1	7.1	8.0	18.0
20.0	5.4	5.8		3.5	4.5	5.3	5.7	6.3	6.9	2.8	3.9	4.8	3.0	4.1	5.1	4.0	5.0	5.8	5.4	6.2	6.8	4.8	5.7	6.5	20.0
22.0				2.5	3.4	4.1	4.6	5.2	5.7		2.8	3.6		3.0	3.8	3.0	3.9	4.6	4.4	5.1	5.6	3.8	4.6	5.3	22.0
24.0				1.8	2.5	3.0	3.8	4.3	4.7			2.6			2.8	2.2	3.0	3.6	3.6	4.2	4.6	3.0	3.7	4.3	24.0
26.0					1.7		3.1	3.6									2.2	2.8	2.9	3.4	3.8	2.3	3.0	3.5	26.0
28.0							2.6	2.9										2.0	2.3	2.8	3.1		2.3	2.8	28.0
30.0							2.1	2.4											1.8	2.2				2.2	30.0
32.0							1.7												1.4	1.7					32.0
34.0							1.3													1.3					34.0
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68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	0	0	0	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	46	46	46	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	93	93	93	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	93	93	93	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	93	93	93	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
[DEG]	0~76	0~83.5	0~83.5	49~76	51~83.5	60~83.5	25~76	43~83.5	61~83.5	60~76	63~83.5	64~83.5	64~76	66~83.5	67~83.5	58~76	60~83.5	61~83.5	46~76	48~83.5	62~83.5	62~76	64~83.5	65~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3														7.9									9.0
10.0	13.8	10.5		14.6												7.9									10.0
11.0	12.6	9.8		14.3	11.2		10.3									7.9			8.7			6.8			11.0
12.0	11.6	9.2		12.2	10.7		10.3	10.2		11.3	10.8					7.9			8.7			6.8			12.0
14.0	9.9	8.2	6.9	9.2	9.7		10.3	9.4		8.3	9.9		9.5	9.8		7.9	7.9		8.7			6.8			14.0
16.0	8.7	7.4	6.3	7.0	8.9	6.9	9.0	8.7	6.8	6.2	8.4		7.3	9.2		7.9	7.9		6.5			6.8	6.8		16.0
18.0	7.4	6.7	5.9	5.4	7.1	6.5	7.3	8.1	6.4	4.6	6.5	6.6	5.7	7.3	6.4	7.1	7.7		4.9			6.5	6.8		18.0
20.0	6.1	6.1	5.5	4.1	5.6	6.2	6.0	7.0	6.1	3.4	5.0	6.3	4.4	5.9	6.2	5.8	7.0	6.3				5.2	6.5		20.0
22.0	5.1	5.7	5.1	3.2	4.4	5.5	5.0	5.9	5.8		3.9	5.3	3.4	4.7	5.8	4.8	5.8	6.0				4.2	5.4	5.9	22.0
24.0	4.3	4.8		2.3	3.4	4.4	4.1	4.9	5.6		2.9	4.2	2.6	3.7	4.7	3.9	4.8	5.6				3.4	4.4	5.3	24.0
26.0	3.6			1.7	2.6	3.5	3.4	4.1	4.7			3.2		2.9	3.8	3.2	4.0	4.7				2.7	3.6	4.4	26.0
28.0					2.0	2.7	2.9	3.4	3.9			2.4		2.3	3.0	2.6	3.4	4.0					2.9	3.6	28.0
30.0						2.0	2.4	2.9	3.3						2.3	2.1	2.8	3.3					2.3	3.0	30.0
32.0							1.9	2.4								1.7	2.3	2.7						2.4	32.0
34.0							1.6	1.9									1.8	2.2							34.0
36.0							1.2	1.5									1.4								36.0
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72.0																									72.0
76.0																									76.0
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2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	0	0	0	93			46	46	46	2
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5	0	0	0	0	0	0	93	93	93	0	0	0	46	46	46	93	93	93	46			93	93	93	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	45	45	45	19	19	19	42			21	21	21	ID
[DEG]	0~76	0~83.5	0~83.5	52~76	57~83.5	59~83.5	34~76	42~83.5	60~83.5	64~76	66~83.5	66~83.5	62~76	64~83.5	66~83.5	53~81	53~83.5	61~83.5	73~81			66~81	67~83.5	69~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1			1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t			8.7t	8.7t	8.7t	

m	48.0	48.0	48.0	m
°	0	20	40	°
3.0				3.0
3.5				3.5
4.0				4.0
4.5				4.5
5.0				5.0
6.0				6.0
7.0				7.0
8.0				8.0
9.0				9.0
10.0				10.0
11.0				11.0
12.0	7.1			12.0
14.0	7.1			14.0
16.0	7.1	7.1		16.0
18.0	5.5	7.1		18.0
20.0	4.3	5.8		20.0
22.0		4.6		22.0
24.0		3.7		24.0
26.0				26.0
28.0				28.0
30.0				30.0
32.0				32.0
34.0				34.0
36.0				36.0
38.0				38.0
40.0				40.0
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44.0				44.0
46.0				46.0
48.0				48.0
50.0				50.0
52.0				52.0
54.0				54.0
56.0				56.0
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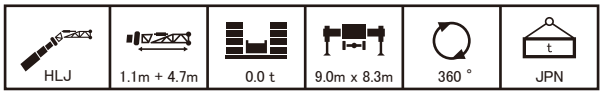
60.0				60.0
64.0				64.0
68.0				68.0
72.0				72.0
76.0				76.0
1	46	46		1
2	93	93		2
3	93	93		3
4	93	93		4
5	46	46		5
ID	31	31		ID
[DEG]	73~81	75~83.5		[DEG]
	1	1		
	8.7t	8.7t		

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0	45.4																								3.0
3.5	43.0																								3.5
4.0	40.8	29.7																							4.0
4.5	38.9	28.7																							4.5
5.0	37.1	27.8	22.8		31.1																				5.0
6.0	34.1	26.2	21.8	43.9	29.8			21.7			30.1														6.0
7.0	31.5	24.8	21.0	41.2	28.7	22.8		20.4	18.9	38.7	29.1	22.9		29.5			22.3			18.2					7.0
8.0	29.3	23.5	20.3	38.9	27.6	22.2		19.3	17.9	38.6	28.1	22.4	30.4	28.6	22.6		21.4	19.4		17.3					8.0
9.0	27.4	22.5	19.7	31.1	26.7	21.7	20.0	18.2	17.1	30.2	27.2	21.9	30.4	27.8	22.1		20.5	18.7		16.6	15.5		14.5		9.0
10.0	25.8	21.6	19.2	24.7	25.8	21.2	18.9	17.3	16.3	23.7	25.5	21.5	24.5	26.2	21.8		19.8	18.1		15.9	14.9		14.3	13.4	10.0
11.0	22.1	20.8		20.1	21.4	20.8	17.9	16.5	15.6	19.1	20.6	21.1	19.9	21.3	21.4		19.1	17.5		15.2	14.3		13.8	13.0	11.0
12.0	18.5	19.2		16.6	17.7	18.7	17.0	15.8	14.9	15.7	17.0	18.0	16.4	17.6	18.7	18.1	18.5	17.0	15.4	14.7	13.8		13.3	12.6	12.0
14.0	13.5	14.0		11.7	12.6	13.3	15.2	14.5	13.8	10.9	11.9	12.7	11.6	12.5	13.3	13.1	14.0	14.6	14.0	13.4	13.0		12.5	11.9	14.0
16.0				8.5	9.2	9.7	11.8	12.2	12.6	7.8	8.6	9.2	8.4	9.1	9.7	9.8	10.5	11.0	11.7	12.2	12.1	11.2	11.8	11.2	16.0
18.0				6.3	6.8	7.2	9.3	9.7	10.0	5.5	6.2	6.6	6.1	6.7	7.2	7.5	8.1	8.5	9.3	9.7	10.0	8.8	9.3	9.7	18.0
20.0				4.6	5.0		7.5	7.8		3.9	4.4	4.8	4.4	4.9	5.3	5.8	6.2	6.5	7.5	7.8	8.1	7.0	7.5	7.8	20.0
22.0				3.3	3.6		6.1	6.4		2.6	3.0		3.1	3.5	3.8	4.4	4.8	5.1	6.1	6.4	6.6	5.6	6.0	6.3	22.0
24.0				2.3	2.5		5.0	5.2			1.9			2.4		3.3	3.6		4.9	5.2		4.5	4.8	5.1	24.0
26.0				1.4			4.1									2.4	2.7		4.0	4.2		3.6	3.9	4.1	26.0
28.0							3.4									1.7	1.9		3.3	3.5		2.9	3.1	3.3	28.0
30.0																			2.6	2.8		2.2	2.4		30.0
32.0																			2.1	2.2		1.7	1.9		32.0
34.0																			1.6						34.0
36.0																			1.3						36.0
38.0																									38.0
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42.0																									42.0
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76.0																									76.0
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3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	93	93	93	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	93	93	93	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	93	93	93	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
[DEG]	0~79.6	0~83.5	0~83.5	29~79.6	39~83.5	57~83.5	20~74	39~83.5	58~83.5	50~79.6	48~83.5	58~83.5	55~79.6	54~83.5	59~83.5	44~74	46~83.5	59~83.5	22~74	37~83.5	59~83.5	48~74	50~83.5	58~83.5	[DEG]
	6	6	6	6	6	6	3	3	3	5	5	5	4	4	4	3	3	3	3	3	3	2	2	2	
	60t	60t	60t	60t	60t	60t	26t	26t	26t	60t	60t	60t	60t	60t	60t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

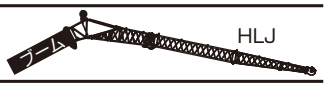
	m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
	°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
	3.0																									3.0
	3.5																									3.5
	4.0																									4.0
	4.5																									4.5
	5.0	14.9																								5.0
	6.0	14.9	13.9																							6.0
	7.0	14.9	12.9																							7.0
	8.0	14.9	12.1			13.6			13.0			13.8														8.0
	9.0	14.9	11.4	9.2	14.9	13.0		14.9	12.5			13.3			13.2			12.8								9.0
	10.0	14.2	10.8	8.9	14.9	12.4		14.9	12.0		14.9	12.7			12.8			12.5			11.8					10.0
	11.0	13.2	10.2	8.6	14.9	11.9	9.2	14.9	11.5	9.1	14.9	12.3			12.4			12.1			11.5					11.0
	12.0	12.2	9.8	8.3	14.9	11.5	9.0	14.3	11.1	8.9	14.9	11.8	9.1	14.9	12.0	9.2	14.9	11.8	9.2	12.4	11.3			10.6		12.0
	14.0	10.7	8.9	7.8	12.9	10.7	8.6	13.0	10.4	8.5	11.9	11.1	8.7	12.3	11.2	8.8	13.6	11.1	8.8	12.4	10.7	8.8		9.9		14.0
	16.0	9.6	8.3	7.4	9.7	10.0	8.2	11.9	9.7	8.2	8.8	10.4	8.4	9.1	10.6	8.5	10.4	10.5	8.5	11.4	10.1	8.5	10.6	9.4	8.5	16.0
	18.0	8.6	7.7		7.4	8.8	7.9	9.9	9.2	7.9	6.6	8.1	8.1	6.8	8.3	8.3	8.0	9.3	8.2	9.6	9.5	8.2	9.0	8.9	8.1	18.0
	20.0	7.8	7.3		5.7	6.8	7.7	8.1	8.7	7.6	4.9	6.2	7.2	5.2	6.4	7.5	6.3	7.4	8.0	7.8	8.7	7.9	7.2	8.2	7.7	20.0
	22.0				4.4	5.3	6.1	6.7	7.4	7.4	3.6	4.7	5.6	3.9	4.9	5.8	5.0	5.9	6.7	6.4	7.2	7.7	5.8	6.7	7.4	22.0
	24.0				3.4	4.1	4.8	5.6	6.2	6.6	2.6	3.5	4.2	2.8	3.8	4.5	3.9	4.7	5.4	5.3	6.0	6.5	4.7	5.5	6.1	24.0
	26.0				2.5	3.2		4.7	5.2			2.5	3.1		2.8	3.4	3.0	3.7	4.3	4.4	5.0	5.4	3.8	4.5	5.1	26.0
	28.0				1.8	2.3		4.0	4.3							2.5	2.3	2.9	3.4	3.7	4.2	4.6	3.1	3.7	4.2	28.0
m	30.0				1.2	1.6		3.3	3.6								1.7	2.2		3.0	3.5		2.5	3.0	3.4	30.0
	32.0							2.8										1.6		2.5	2.9		1.9	2.4	2.8	32.0
	34.0							2.4												2.0	2.4			1.9	2.2	34.0
	36.0																			1.6	1.9					36.0
	38.0																			1.3						38.0
	40.0																									40.0
	42.0																									42.0
	44.0																									44.0
	46.0																									46.0
	48.0																									48.0
	50.0																									50.0
	52.0																									52.0
	54.0																									54.0
	56.0																									56.0
	58.0																									58.0
	60.0																									60.0
	64.0																									64.0
	68.0																									68.0
	72.0																									72.0
	76.0																									76.0
	1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	0	0	0	1
	2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	46	46	46	2
	3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	93	93	93	3
	4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	93	93	93	4
%	5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	93	93	93	5
	ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	21	21	21	ID
	[DEG]	0~76	0~83.5	0~83.5	36~76	42~83.5	60~83.5	25~76	43~83.5	61~83.5	54~76	56~83.5	61~83.5	58~76	60~83.5	61~83.5	49~76	51~83.5	61~83.5	35~76	44~83.5	62~83.5	55~76	57~83.5	60~83.5	[DEG]
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	

	m	48.0	48.0	48.0	m
	°	0	20	40	°
	3.0				3.0
	3.5				3.5
	4.0				4.0
	4.5				4.5
	5.0				5.0
	6.0				6.0
	7.0				7.0
	8.0				8.0
	9.0				9.0
	10.0				10.0
	11.0				11.0
	12.0				12.0
	14.0		10.7		14.0
	16.0	10.1	10.2	8.9	16.0
	18.0	7.8	9.2	8.6	18.0
	20.0	6.0	7.2	8.2	20.0
	22.0	4.7	5.7	6.6	22.0
	24.0	3.6	4.6	5.3	24.0
	26.0		3.6	4.2	26.0
	28.0		2.8	3.4	28.0
m	30.0			2.6	30.0
	32.0				32.0
	34.0				34.0
	36.0				36.0
	38.0				38.0
	40.0				40.0
	42.0				42.0
	44.0				44.0
	46.0				46.0
	48.0				48.0
	50.0				50.0
	52.0				52.0
	54.0				54.0
	56.0				56.0
	58.0				58.0
	60.0				60.0
	64.0				64.0
	68.0				68.0
	72.0				72.0
	76.0				76.0
	1	46	46	46	1
	2	93	93	93	2
	3	93	93	93	3
	4	93	93	93	4
%	5	46	46	46	5
	ID	31	31	31	ID
	[DEG]	67~76	66~83.5	67~83.5	[DEG]
		2	2	2	
		26t	26t	26t	

油圧チルトジブ

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0	14.9																								7.0
8.0	14.9																								8.0
9.0	14.8	11.3																	7.9						9.0
10.0	13.8	10.5		14.6															7.9						10.0
11.0	12.6	9.8		14.6	11.2		10.3												7.9			8.7			11.0
12.0	11.6	9.2		14.2	10.7		10.3	10.2		14.3	10.8								7.9			8.7			12.0
14.0	9.9	8.2	6.9	13.2	9.7		10.3	9.4		12.9	9.9		12.7	10.1		11.0	9.8		7.9	7.9		8.7			14.0
16.0	8.7	7.4	6.3	10.6	8.9	6.9	10.1	8.7	6.8	9.6	9.2		9.8	9.4		10.9	9.3		7.9	7.9		8.7	8.7		16.0
18.0	7.7	6.7	5.9	8.2	8.2	6.5	9.3	8.1	6.4	7.3	8.5	6.6	7.5	8.8	6.7	8.6	8.7	6.4	7.9	7.7		7.7	8.4		18.0
20.0	6.9	6.1	5.5	6.5	7.7	6.2	8.6	7.5	6.1	5.6	7.5	6.3	5.8	7.6	6.4	6.8	8.2	6.2	7.9	7.3	6.3	6.0	7.9	6.4	20.0
22.0	6.2	5.7	5.1	5.1	6.5	5.9	7.1	7.0	5.8	4.3	5.9	6.0	4.4	6.0	6.1	5.4	6.8	5.9	6.9	6.9	6.0	4.6	6.3	6.2	22.0
24.0	5.7	5.3		4.0	5.2	5.6	6.0	6.6	5.6	3.2	4.6	5.7	3.4	4.8	5.9	4.3	5.6	5.7	5.8	6.5	5.8	3.5	5.0	6.0	24.0
26.0	5.2			3.2	4.2	5.1	5.1	5.8	5.3	2.4	3.6	4.8	2.5	3.7	4.8	3.4	4.5	5.5	4.8	5.7	5.6		4.0	5.1	26.0
28.0				2.4	3.3	4.1	4.3	4.9	5.1		2.7	3.8		2.9	3.8	2.7	3.7	4.5	4.1	4.8	5.4		3.1	4.1	28.0
30.0				1.8	2.6	3.2	3.7	4.2	4.7		2.0	2.9			3.0	2.1	2.9	3.6	3.4	4.1	4.7			3.2	30.0
32.0				1.3	2.0		3.1	3.6				2.2			2.2		2.3	2.9	2.9	3.5	4.0				32.0
34.0					1.4		2.6	3.0									1.8	2.3	2.4	2.9	3.3				34.0
36.0							2.2	2.6											2.0	2.4					36.0
38.0							1.9												1.6	2.0					38.0
40.0							1.6												1.3	1.6					40.0
42.0																				1.3					42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93	93	1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93	93	2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46	46	4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46	46	5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42	42	ID
[DEG]	0~76	0~83.5	0~83.5	42~76	46~83.5	59~83.5	24~76	42~83.5	61~83.5	57~76	58~83.5	60~83.5	60~76	64~83.5	64~83.5	55~76	56~83.5	61~83.5	41~81	43~83.5	62~83.5	67~81	69~83.5	71~83.5	[DEG]
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																3.0
3.5																3.5
4.0																4.0
4.5																4.5
5.0																5.0
6.0																6.0
7.0																7.0
8.0																8.0
9.0																9.0
10.0																10.0
11.0	6.8															11.0
12.0	6.8						7.1									12.0
14.0	6.8			7.8			7.1			6.8			6.0			14.0
16.0	6.8	6.8		7.8	7.8		7.1	7.1		6.8			6.0			16.0
18.0	6.8	6.8		7.7	7.8		7.1	7.1		6.8	6.8		6.0	6.0		18.0
20.0	6.8	6.8		5.9	7.6		6.6	7.1		6.0	6.8		6.0	6.0		20.0
22.0	6.3	6.5	5.9	4.6	6.2	6.2	5.2	6.8	6.2	4.7	6.3		5.4	6.0		22.0
24.0	5.2	6.2	5.7		5.0	6.0	4.1	5.5	6.0		5.1		4.3	5.6	5.3	24.0
26.0	4.2	5.3	5.5		3.9	5.1	3.2	4.4	5.5		4.0		3.4	4.6	5.1	26.0
28.0	3.5	4.4	5.2			4.1		3.6	4.5					3.7	4.7	28.0
30.0	2.8	3.6	4.3			3.2		2.8	3.7					3.0	3.8	30.0
32.0	2.3	3.0	3.6						3.0						3.1	32.0
34.0		2.5	3.0													34.0
36.0		2.0	2.5													36.0
38.0			2.0													38.0
40.0																40.0
42.0																42.0
44.0																44.0
46.0																46.0
48.0																48.0
50.0																50.0
52.0																52.0
54.0																54.0
56.0																56.0
58.0																58.0
60.0																60.0
64.0																64.0
68.0																68.0
72.0																72.0
76.0																76.0
1	0	0	0	93	93	93	46	46	46	93	93		46	46	46	1
2	46	46	46	93	93	93	93	93	93	93	93		93	93	93	2
3	93	93	93	93	93	93	93	93	93	93	93		93	93	93	3
4	93	93	93	46	46	46	93	93	93	93	93		93	93	93	4
5	93	93	93	46	46	46	46	46	46	46	46		93	93	93	5
ID	21	21	21	38	38	38	31	31	31	32	32		23	23	23	ID
[DEG]	59~81	61~83.5	62~83.5	71~81	73~83.5	73~83.5	67~81	69~83.5	71~83.5	73~81	75~83.5		69~81	71~83.5	73~83.5	[DEG]
	1	1	1	1	1	1	1	1	1	1	1		1	1	1	
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	

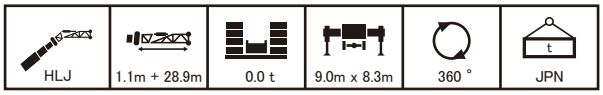


HLJ	1.1m + 22.9m	0.0 t	9.0m x 8.3m	360 °	JPN

m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0	9.8			8.7			6.5																		8.0
9.0	9.8			8.7			6.5			8.6															9.0
10.0	9.8			8.7			6.5			8.6			7.7			6.8			5.6						10.0
11.0	9.4			8.7			6.5			8.6			7.7			6.8			5.6						11.0
12.0	9.0	7.7		8.7			6.5			8.6			7.7			6.8			5.6			6.1			12.0
14.0	8.1	6.9		8.7	7.2		6.5			8.6			7.7			6.8			5.6			6.1			14.0
16.0	7.1	6.2		8.6	6.8		6.5	6.3		8.6	6.8		7.7	6.6		6.8	6.4		5.6			6.1			16.0
18.0	6.3	5.6	4.7	8.0	6.4		6.5	6.0		8.1	6.4		7.7	6.3		6.8	6.1		5.6	5.6		6.1	6.0		18.0
20.0	5.6	5.1	4.4	7.2	6.0		6.5	5.7		6.4	6.1		6.4	6.0		6.8	5.9		5.6	5.6		6.1	5.8		20.0
22.0	5.1	4.6	4.1	5.8	5.6	4.4	6.5	5.5	4.4	5.0	5.8	4.5	5.1	5.8		6.0	5.6		5.6	5.4		5.0	5.6		22.0
24.0	4.6	4.3	3.8	4.7	5.2	4.2	6.3	5.1	4.1	3.9	5.4	4.3	4.0	5.5	4.3	4.8	5.4	4.3	5.6	5.2	4.2	3.9	5.4		24.0
26.0	4.2	3.9	3.6	3.8	4.9	4.0	5.5	4.8	4.0	3.0	4.6	4.1	3.1	4.7	4.1	3.9	5.2	4.1	5.0	5.0	4.1		4.7		26.0
28.0	3.9	3.7	3.4	3.0	4.2	3.8	4.7	4.5	3.8	2.3	3.7	3.9		3.8	4.0	3.2	4.4	4.0	4.3	4.8	3.9		3.7		28.0
30.0	3.6	3.4		2.4	3.5	3.7	4.0	4.3	3.6		2.9	3.7		3.0	3.8	2.5	3.7	3.8	3.6	4.5	3.8				30.0
32.0	3.3			1.8	2.8	3.5	3.4	4.0	3.5		2.3	3.3		2.3	3.4	2.0	3.0	3.7	3.0	3.9	3.7				32.0
34.0					2.2	3.0	2.9	3.5	3.4			2.6			2.7		2.4	3.2	2.5	3.3	3.5				34.0
36.0					1.7	2.3	2.5	3.0	3.3			1.9					1.9	2.6	2.1	2.8	3.4				36.0
38.0							2.1	2.6										2.1	1.7	2.3	2.9				38.0
40.0							1.8	2.2											1.4	2.0	2.4				40.0
42.0							1.5	1.8												1.6					42.0
44.0							1.3													1.3					44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93		1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93		2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46		3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46		4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46		5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42		ID
[DEG]	0~76	0~83.5	0~83.5	49~81.5	52~83.5	59~83.5	28~81.5	42~83.5	60~83.5	58~81.5	62~83.5	63~83.5	63~81.5	65~83.5	69~83.5	57~81.5	60~83.5	63~83.5	48~81.5	50~83.5	62~83.5	70~81.5	73~83.5		[DEG]
	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	26t	26t	26t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

m	43.7	43.7	43.7	48.0	48.0	48.0	48.0	48.0	48.0	52.4	52.4	52.4	m
°	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0													3.0
3.5													3.5
4.0													4.0
4.5													4.5
5.0													5.0
6.0													6.0
7.0													7.0
8.0													8.0
9.0													9.0
10.0													10.0
11.0													11.0
12.0	4.9												12.0
14.0	4.9			5.6			5.2						14.0
16.0	4.9			5.6			5.2			4.5			16.0
18.0	4.9			5.6			5.2			4.5			18.0
20.0	4.9	4.9		5.6	5.6		5.2	5.2		4.5			20.0
22.0	4.9	4.9		4.9	5.5		5.2	5.2		4.5	4.5		22.0
24.0	4.9	4.9			5.3		4.4	5.2		4.5	4.5		24.0
26.0	4.4	4.9	4.1		4.6		3.4	5.0	4.2	3.6	4.5		26.0
28.0	3.6	4.7	4.0		3.7			4.1	4.0		4.2		28.0
30.0	3.0	4.1	3.9					3.4	3.9		3.5		30.0
32.0	2.4	3.4	3.8						3.7				32.0
34.0		2.8	3.6						3.1				34.0
36.0		2.3	3.0										36.0
38.0			2.5										38.0
40.0			2.1										40.0
42.0													42.0
44.0													44.0
46.0													46.0
48.0													48.0
50.0													50.0
52.0													52.0
54.0													54.0
56.0													56.0
58.0													58.0
60.0													60.0
64.0													64.0
68.0													68.0
72.0													72.0
76.0													76.0
1	0	0	0	93	93		46	46	46	46	46		1
2	46	46	46	93	93		93	93	93	93	93		2
3	93	93	93	93	93		93	93	93	93	93		3
4	93	93	93	46	46		93	93	93	93	93		4
5	93	93	93	46	46		46	46	46	93	93		5
ID	21	21	21	38	38		31	31	31	23	23		ID
[DEG]	63~81.5	66~83.5	67~83.5	73~81.5	75~83.5		70~81.5	73~83.5	75~83.5	72~81.5	75~83.5		[DEG]
	1	1	1	1	1		1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t		8.7t	8.7t	8.7t	8.7t	8.7t		

油圧チルトジブ



m	13.2	13.2	13.2	26.3	26.3	26.3	26.3	26.3	26.3	30.6	30.6	30.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	43.7	43.7	43.7	m
°	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	0	20	40	°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0	6.2																								6.0
7.0	6.2																								7.0
8.0	6.2																								8.0
9.0	6.2			6.1			4.7																		9.0
10.0	6.2			6.1			4.7			5.9															10.0
11.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						11.0
12.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1						12.0
14.0	6.2			6.1			4.7			5.9			5.4			4.8			4.1			4.5			14.0
16.0	5.8	5.1		6.1			4.7			5.9			5.4			4.8			4.1			4.5			16.0
18.0	5.4	4.7		5.8	4.8		4.7	4.5		5.9	4.8		5.4			4.8			4.1			4.5			18.0
20.0	5.0	4.3		5.6	4.5		4.7	4.3		5.6	4.5		5.4	4.4		4.8	4.3		4.1	4.1		4.5			20.0
22.0	4.6	3.9		5.3	4.3		4.7	4.1		5.4	4.3		5.3	4.3		4.8	4.1		4.1	3.9		4.5	4.0		22.0
24.0	4.2	3.6	3.1	5.0	4.1		4.6	3.9		4.3	4.1		4.3	4.1		4.8	4.0		4.1	3.8		4.1	3.9		24.0
26.0	3.8	3.3	2.9	4.1	3.9	3.1	4.4	3.7		3.4	3.9		3.4	3.9		4.1	3.8		4.1	3.7			3.8		26.0
28.0	3.4	3.1	2.7	3.4	3.7	3.0	4.2	3.5	2.9	2.6	3.8	3.0		3.8	3.0	3.4	3.7	3.0	4.1	3.5			3.7		28.0
30.0	3.1	2.8	2.6	2.7	3.5	2.8	4.1	3.4	2.8		3.6	2.9		3.6	2.9	2.7	3.5	2.9	3.7	3.4	2.9		3.5		30.0
32.0	2.9	2.6	2.4	2.2	3.2	2.7	3.6	3.2	2.7		2.9	2.7		2.9	2.8	2.2	3.4	2.8	3.1	3.3	2.8				32.0
34.0	2.7	2.5	2.3	1.7	2.8	2.6	3.1	3.0	2.6		2.3	2.6			2.7		2.8	2.7	2.6	3.2	2.7				34.0
36.0	2.4	2.3			2.2	2.5	2.6	2.9	2.5			2.5			2.6		2.3	2.6	2.2	3.1	2.6				36.0
38.0	2.3				1.8	2.4	2.3	2.7	2.4			2.2			2.3			2.5	1.8	2.6	2.5				38.0
40.0						2.0	1.9	2.5	2.3									2.2	1.5	2.2	2.4				40.0
42.0							1.6	2.1												1.8	2.3				42.0
44.0							1.4	1.8												1.5	2.0				44.0
46.0							1.1	1.5													1.7				46.0
48.0								1.2																	48.0
50.0																									50.0
52.0																									52.0
54.0																									54.0
56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46	46	46	0	0	0	93	93	93	93	93	93	46	46	46	0	0	0	93	93		1
2	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	0	0	0	93	93		2
3	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46		3
4	0	0	0	0	0	0	46	46	46	0	0	0	46	46	46	46	46	46	93	93	93	46	46		4
5	0	0	0	0	0	0	93	93	93	0	0	0	0	0	0	46	46	46	93	93	93	46	46		5
ID	1	1	1	65	65	65	17	17	17	66	66	66	54	54	54	45	45	45	19	19	19	42	42		ID
[DEG]	0~81.5	0~83.5	0~83.5	52~81.5	57~83.5	62~83.5	36~81.5	41~83.5	64~83.5	62~81.5	65~83.5	68~83.5	66~81.5	70~83.5	71~83.5	61~81.5	66~83.5	68~83.5	53~81.5	57~83.5	61~83.5	72~81.5	75~83.5		[DEG]
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t	8.7t		

m	43.7	43.7	43.7	48.0	48.0	48.0	52.4	52.4	52.4																m
°	0	20	40	0	20	40	0	20	40																°
3.0																									3.0
3.5																									3.5
4.0																									4.0
4.5																									4.5
5.0																									5.0
6.0																									6.0
7.0																									7.0
8.0																									8.0
9.0																									9.0
10.0																									10.0
11.0																									11.0
12.0																									12.0
14.0	3.7																								14.0
16.0	3.7			3.9			3.5																		16.0
18.0	3.7			3.9			3.5																		18.0
20.0	3.7			3.9			3.5																		20.0
22.0	3.7	3.7		3.9			3.5																		22.0
24.0	3.7	3.6		3.9			3.5																		24.0
26.0	3.7	3.5																							26.0
28.0	3.7	3.4																							28.0
30.0	3.1	3.3																							30.0
32.0	2.5	3.3	2.8																						32.0
34.0		3.2	2.7																						34.0
36.0		2.6	2.6																						36.0
38.0			2.5																						38.0
40.0			2.5																						40.0
42.0																									42.0
44.0																									44.0
46.0																									46.0
48.0																									48.0
50.0																									50.0
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56.0																									56.0
58.0																									58.0
60.0																									60.0
64.0																									64.0
68.0																									68.0
72.0																									72.0
76.0																									76.0
1	0	0	0	46			46																		1
2	46	46	46	93			93																		2
3	93	93	93	93			93																		3
4	93	93	93	93			93																		4
5	93	93	93	46			93																		5
ID	21	21	21	31			23																		ID
[DEG]	66~81.5	71~83.5	74~83.5	74~81.5			75~81.5																		[DEG]
	1	1	1	1			1																		
	8.7t	8.7t	8.7t	8.7t			8.7t																		

MEMO

TADANO

●製品は、改良などのためこのスペックと相違する場合もありますので、ご了承ください。

ATF-200N-1-90101（ATF-200N-5.1）ブーム＋フルオートラフィングジブ(FLJ)＋油圧チルトジブ(HLJ)仕様
ATF-200N-1-90102（ATF-200N-5.1）ブーム＋フルオートラフィングジブ(FLJ)仕様
ATF-200N-1-90103（ATF-200N-5.1）ブーム＋油圧チルトジブ(HLJ)仕様

1904-01-0.8