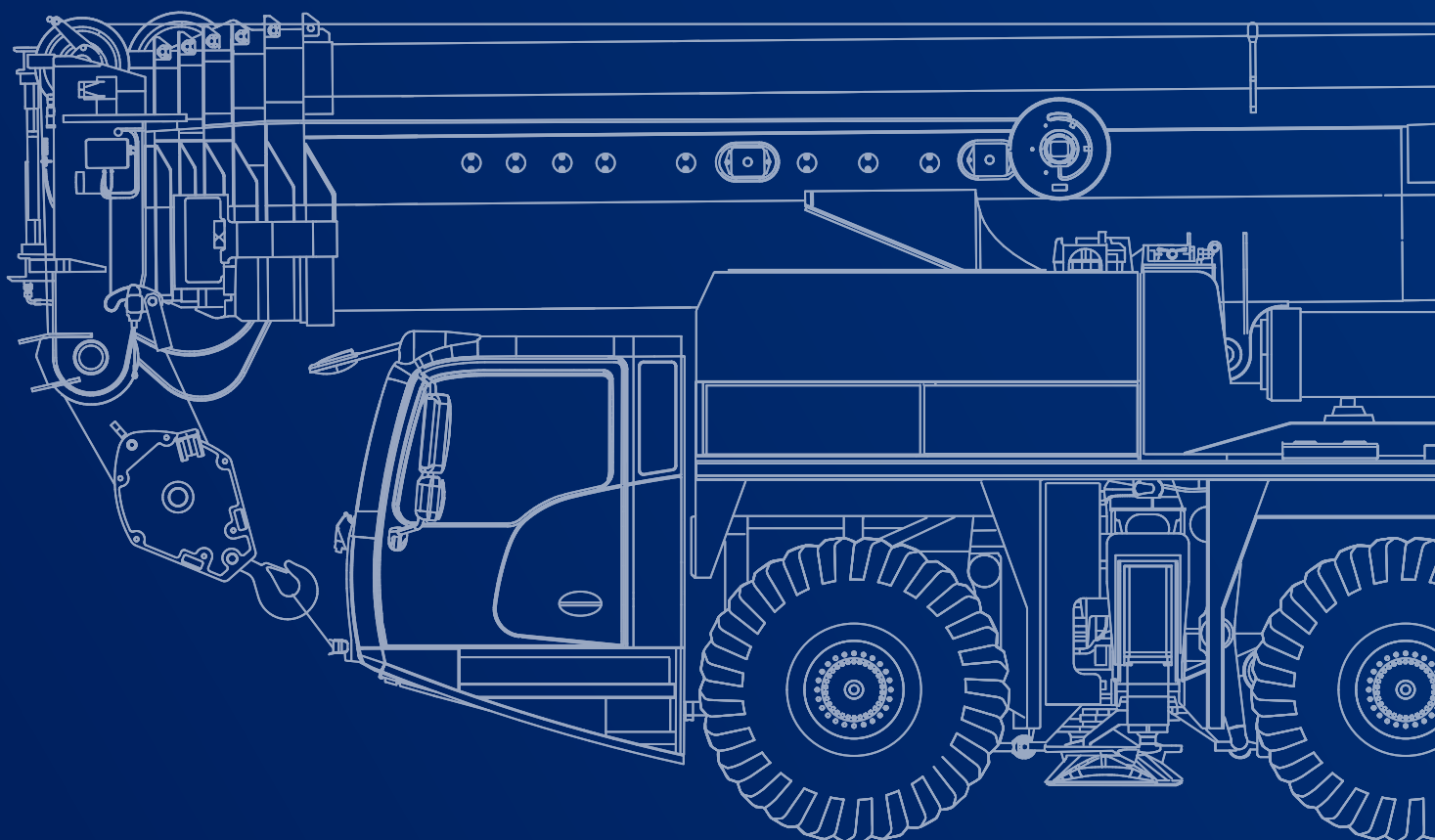


AC 5.250-2

All Terrain Cranes

メインブーム (MB)
油圧チルトジブ (HOJ)
油圧チルトジブ+エクステンション (HOJ+EX)
フルオートラフィングジブ (FLJ)



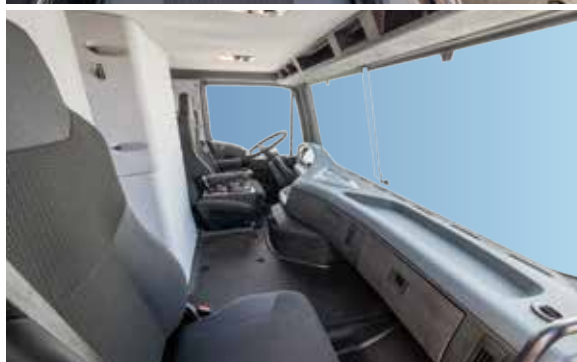


ALL TERRAIN CRANE AC 5.250-2

最大クレーン性能
250 t



構内移動姿勢



キャリアキャブ



作業準備用ラジコン



クレーンキャブ

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ALL TERRAIN CRANE AC 5.250-2

構成図



AC 5.250-2のジブは、フルオートラフティングジブ (FLJ)、油圧チルトジブ (HOJ) の2種類があります。

スペック	フルオートラフティングジブ (FLJ)	油圧チルトジブ (HOJ)
AC 5.250-2-90101	●	●
AC 5.250-2-90102	●	—

記号説明



カウンタウエイト



アウトリガ張出幅



作業半径



ブーム



油圧チルトジブ



タイヤサイズ



フック



主巻ウインチ



補巻ウインチ



最高速度



道路登坂能力



オフロード/ オンロード



操作速度



ブーム伸長速度



ブーム起伏角度



旋回



ロープ最大ラインブル



ロープ直径



ロープ長さ



フック種類



巻掛本数



フックつり上げ能力



フック質量



フック寸法 (ヘッドシーブ中心とハッカ上面の距離)



フックシーブ数



アウトリガ反力



アウトリガジャッキストローク

基本装備

キャリヤ

エンジン 390-5

メルセデスベンツOM471LAディーゼルエンジン
最高出力：390kW (530HP) /1,600min⁻¹(rpm) トルク：2,600N・m/1,300min⁻¹(rpm)
尿素SCRシステム付

燃料タンク

燃料タンク容量647L AdBlueタンク容量40L

トランスミッション

AMT、油圧ZF TraXonリターダ内蔵、前進12段、後退2段、
センターデフロック機構付き2速トランスファケース

車軸 10×8×10

全5軸操舵、1,2,4,5 軸駆動、選択可能な横方向ロック装備

サスペンション

ハイドロニューマチック 油圧ロック可能

ステアリング

非常用ステアリングポンプ付きデュアル回路ハイドロサーボコムステアリング、
後軸アクティブステアリング

ブレーキ

2系統式空気式全輪ディスクブレーキ、追加の2段階圧縮開放ブレーキ、
スプリング式パーキングブレーキ、変速機内蔵リターダ

タイヤ

385/95 R25 (14.00 R25) スチールリム：9.5-25/1.7"

キャリヤ運転室

アームレストおよびエアサスペンション付運転席、助手席、ハンドルの高さおよび角度調整可能パワ
ーウインドウ、着色ガラス、集中ドアロック、電動調整式ヒータ付ミラー、ラジオ、シートヒータ

ヒータ

温水式、暖房能力12kW

エアコン

冷房能力7kW

後方監視カメラ

キャリヤ運転室内ディスプレイ 車両後方にカメラ設置

走行照明灯

ローおよびハイビーム付、フォグランプ、コーナリングランプ

集中給脂装置

キャリヤの給脂箇所への自動集中給脂装置

アウトリガ

H型4点支持 全油圧式 アウトリガ張出幅：2.74m、4.13m、5.52m、6.91m、8.3m

アウトリガ長さ検出器

各アウトリガに長さ検出器付、異常時にクレーン運転席内に警告

アウトリガ荷重表示

クレーン運転席およびアウトリガ操作盤に表示

イモビライザ

盗難防止装置、電子キー4個を含む

タイヤインフレーター

タイヤ空気充填装置付

クレーン

ブーム

13.4m～70m 複動油圧シリンダ直押し1本 ブームヘッドに最大荷重135.6t用シーブ7枚付

ブーム起伏

複動油圧シリンダ直押し1本、自動降下ブレーキバルブ付

旋回装置

スプリング作動式ディスクブレーキ付旋回駆動装置1基

巻上装置 主巻

スプリング作動式ディスクブレーキ付巻上駆動装置1基、ドラム回転検出装置

カウンタウエイト

80t

操作装置

電気パイロット式ジョイスティックレバー2本

安全装置

過負荷防止装置IC-1：カラー表示、作業状態の表示、荷重表、エラー表示、荷重表示、データロガー

作業範囲制限装置

IC-1により作業範囲を制限、表示

クレーン運転席

0.875mタイプ、16° 無段階チルト、スライド式リヤウインドウ 開閉式フロントウインドウ、
側面張り出し式ステップおよび前面ステップ、手すり、着色ガラス、引出式サンバイザ、ラジオ、
シートヒータ

ヒータ

温水式、暖房能力5kW

エアコン

冷房能力5kW

風速計

着脱式、すべてのジブで使用

集中給脂装置

上部旋回体の給脂箇所への自動集中給脂装置

諸元

基本装備

クレーン

ブーム着脱装置
(MB)

油圧式着脱装置

巻上装置 補巻

スプリング作動式ディスクブレーキ付巻上駆動装置1基、ドラム回転検出装置、着脱機構付

制御

ラジコン装置

ラジコン装置によるクレーン操作

IC-1Plus (IC-1プラス)

ブーム操作の高性能な制御システム アウトリガ上で特に高いつり上げ性能を発揮
非対称のアウトリガ設置でも最大クレーン性能を発揮 アウトリガ幅は個別設定可能
旋回角度±30° と作業半径での性能を事前計算 運転室内でのつり上げシミュレーション

補助ジブ

油圧チルトジブ
(HOJ)

1.1m+4.7m 折りたたみ式振り出しジブ0°~40°、先端シーブ3枚
1.1m+10.9m 折りたたみ式0°~40°、先端シーブ1枚

油圧チルトジブ+
エクステンション
(HOJ+EX)

7.1m+4.7m~7.1m+34.9m

フルオートラフィングジブ
(FLJ)

油圧式、無段階オフセット5°~60°、
1.9m+8.5m~1.9m+20.9m

フック

135.6tフック

(7枚シーブ、1,300kg)

92.6tフック

(5枚シーブ、1,150kg)

47.5tフック

(3枚シーブ、800kg)

28.8tフック

(1枚シーブ、450kg)

9.7tフック

(300kg)


諸元

ブーム

	575s (13.4 - 70m)		56s (-1° - 85°)
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

上記の作動速度は計算値です。

旋回

	0 - 1.1min ⁻¹
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
上記の作動速度は計算値です。

ウインチ







				
	125m/min	96kN	21mm	370m
	125m/min	96kN	21mm	320m

上記の作動速度は計算値です。

ジャッキシリンダ


		
 Max.	85t	116t
	445mm	560mm

フック

					
9.7t	9.7	-	1	300	3.70m
28.8t	19.3	1	2	450	3.70m
28.8t	28.8	1	3	450	3.70m
47.5t	38.2	3	4	800	3.70m
47.5t	47.5	3	5	800	3.70m
92.6t	56.7	5	6	1,150	4.00m
92.6t	65.8	5	7	1,150	4.00m
92.6t	74.9	5	8	1,150	4.00m
92.6t	83.8	5	9	1,150	4.00m
92.6t	92.6	5	10	1,150	4.00m
135.6t	101.4	7	11	1,300	4.10m
135.6t	110.1	7	12	1,300	4.10m
135.6t	118.7	7	13	1,300	4.10m
135.6t	127.2	7	14	1,300	4.10m
135.6t	135.6	7	15	1,300	4.10m

諸元

車両総重量（公道走行状態）

	
全重量	39,610kg (※1)
前軸	16,780kg (※1)
後軸	22,830kg (3軸+4軸+5軸)





※1: 仕様書記載の重量は参考値となります。正確な値は車検証に記載の重量を確認してください。

● キャリヤ+旋回体：39.5t

(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、クレーン用台車のみ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。

最高速度・登坂能力

	385/95 R25 14.00 R25
	59%
	66%
	85km/h

ステアリング

	1 $v < 30 \text{ km/h}$
	2 $30 \text{ km/h} \leq v \leq 40 \text{ km/h}$
	3 $v > 40 \text{ km/h}$
	4 手動リヤステアリング
	5 クランプステアリング
	6 クラブステアリング
	7 脱出ステアリング

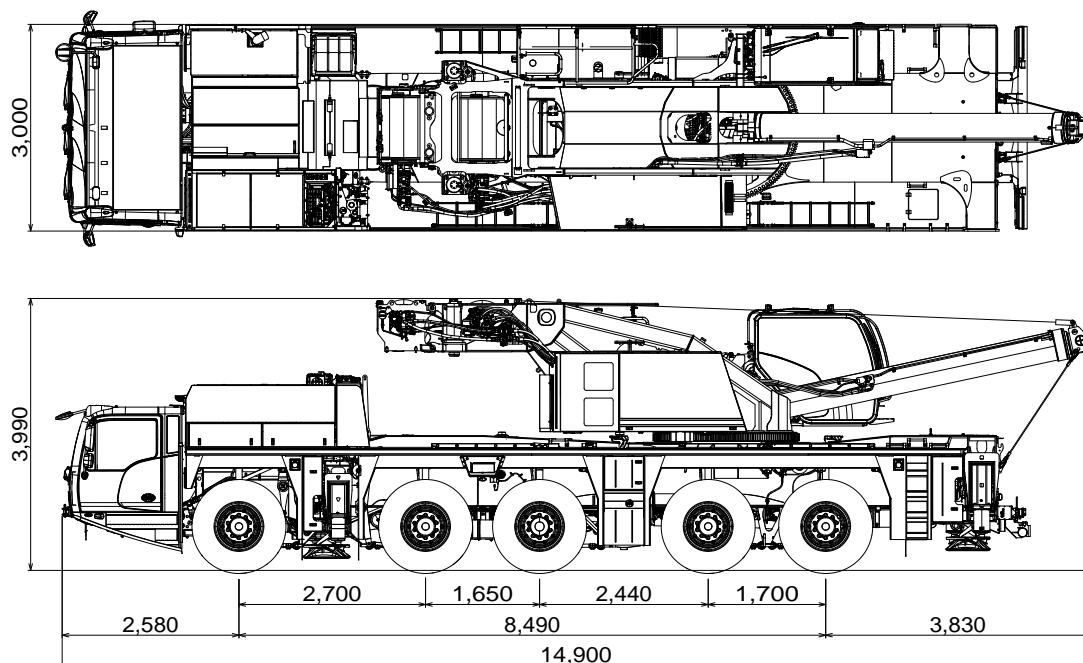
つり上げ性能に関する注記

フックやその他のつり具重量は荷重に含まれるため、定格総荷重からは差し引いてください。
詳細は取扱説明書を参照してください。

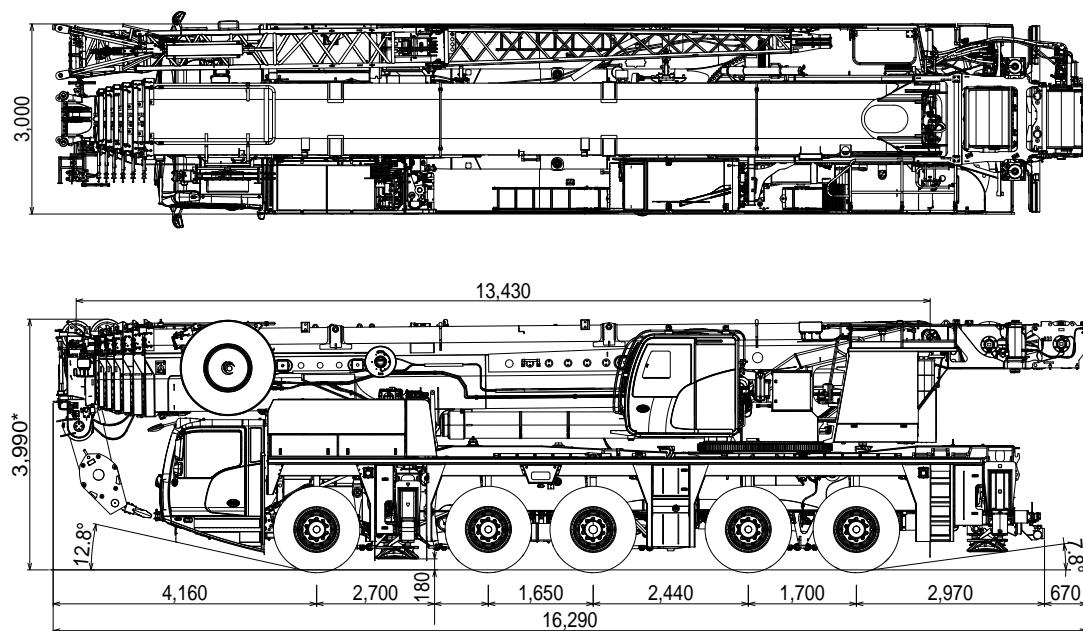
走行

■ 公道走行状態

単位 (mm)



■ 構内移動姿勢



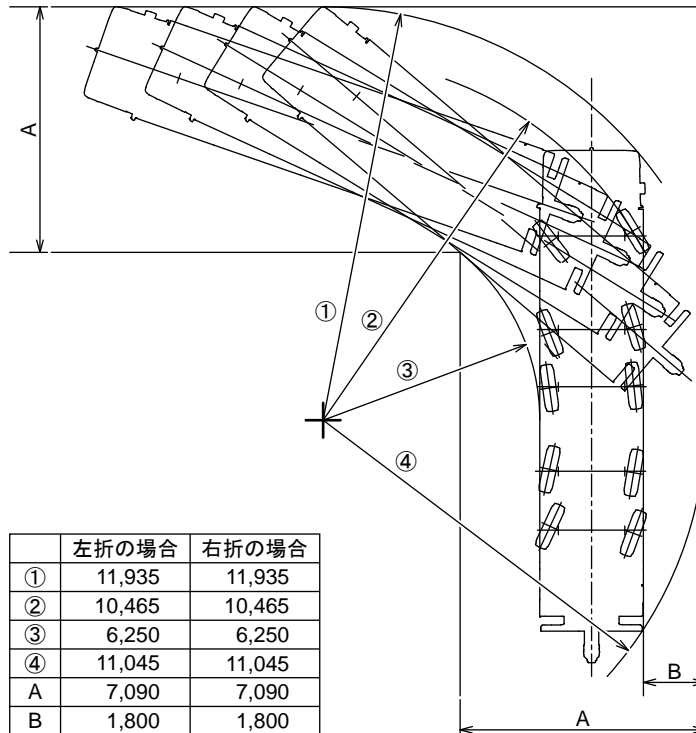
*: +145mm、-125mm (サスペンション)

走行

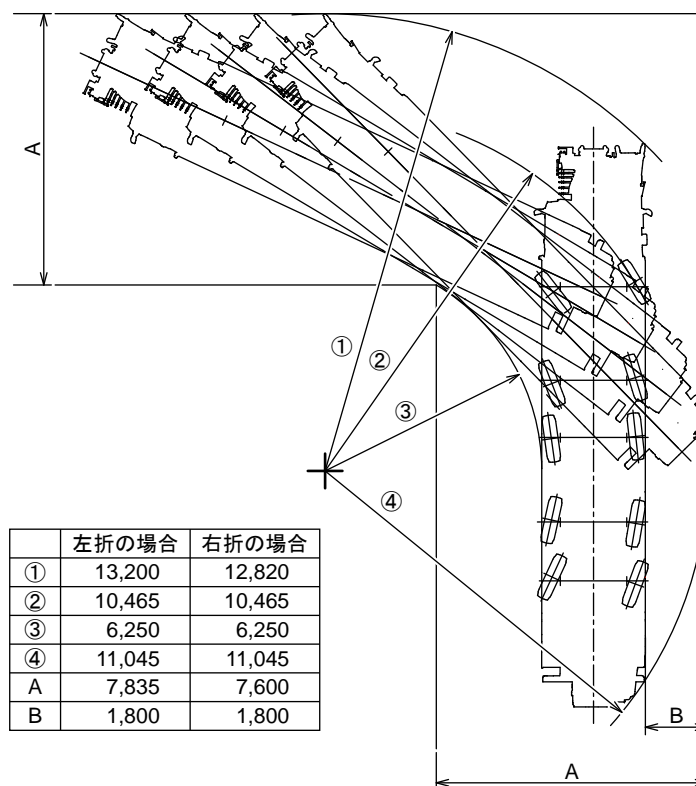
■ 最小直角通路幅

単位 (mm)

● 公道走行状態



● 構内移動姿勢

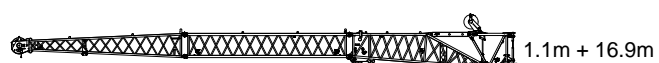
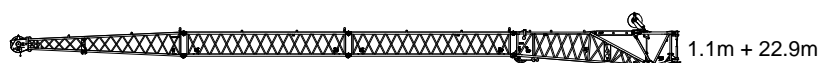
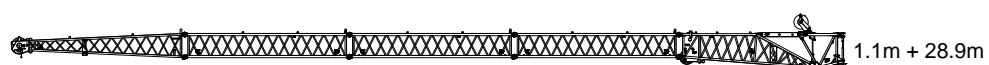
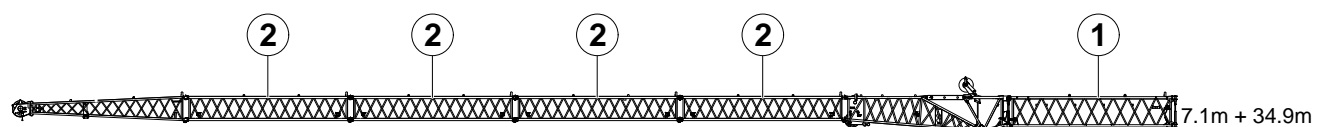


搬送

分解搬送部品

■ジブ

HOJ



搬送

分解搬送部品

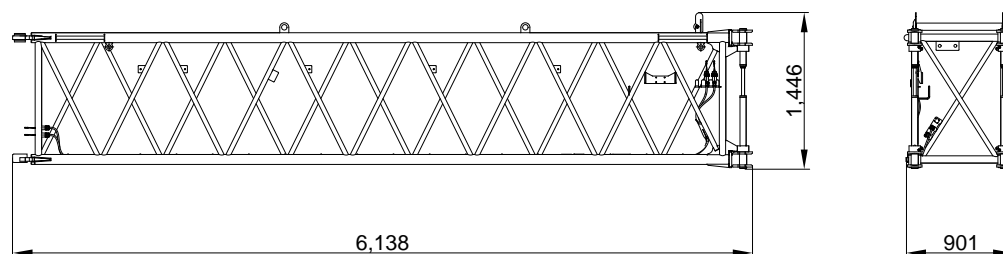
単位 (mm)

■ジブ

1

kg

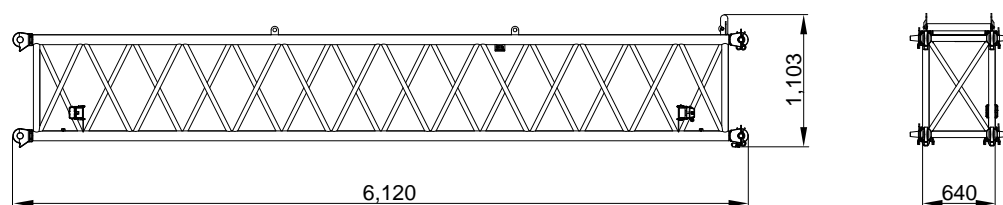
600



2

kg

450



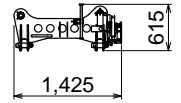
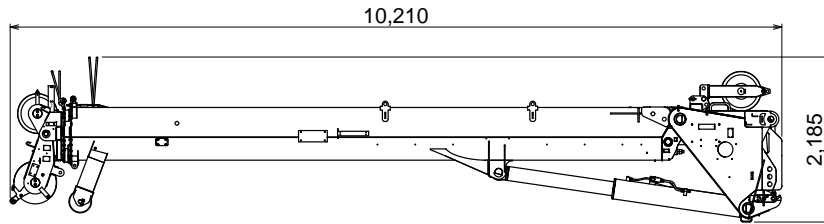
搬送

分解搬送部品

単位 (mm)

■フルオートラフィングジブ (FLJ) 4.7t

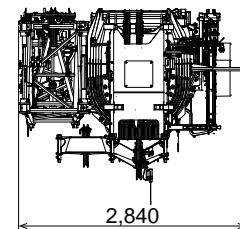
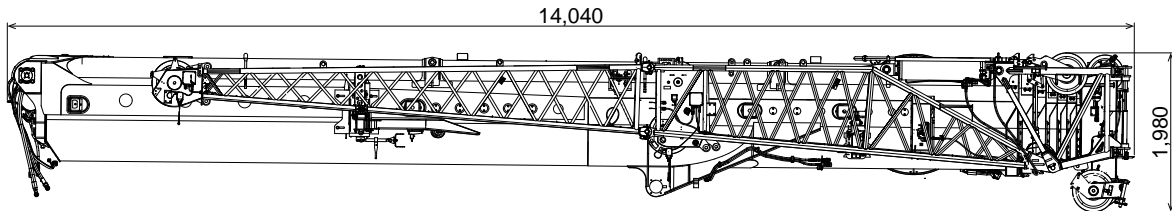
■アダプタ 0.45t



幅 : 1,610

幅 : 1,430

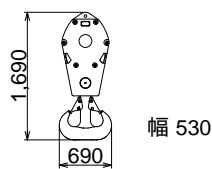
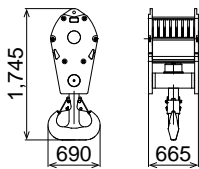
■ブーム (21.3t) + 油圧チルトジブ (HOJ 1.7t) 23.0t



■フック

●135.6tフック 1.3 t

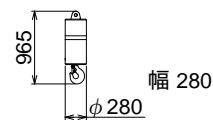
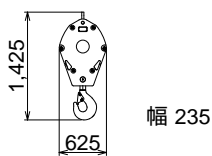
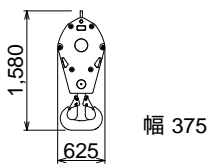
●92.6tフック 1.15 t



●47.5tフック 0.8 t

●28.8tフック 0.45 t

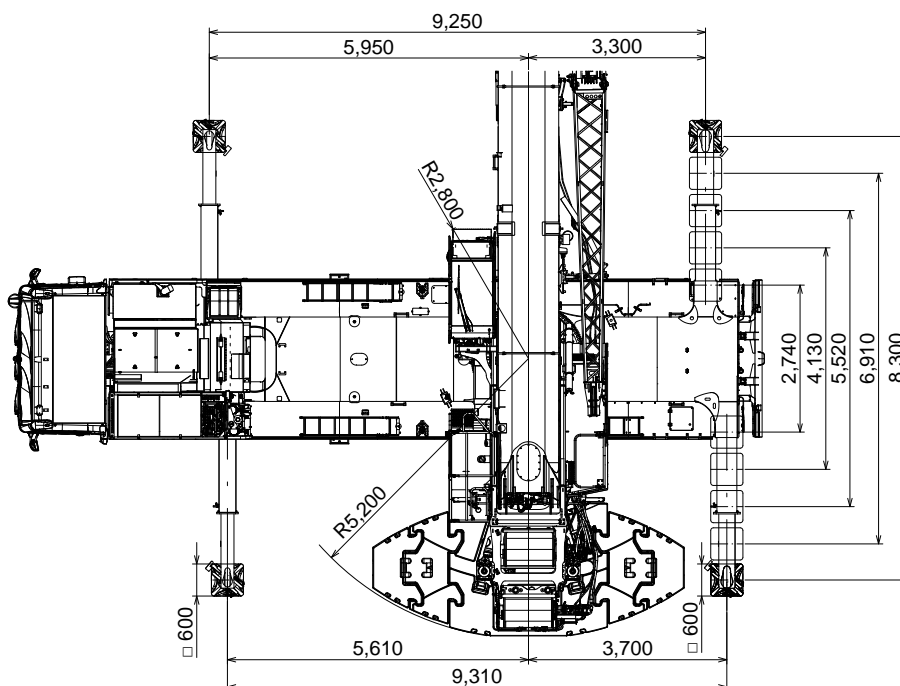
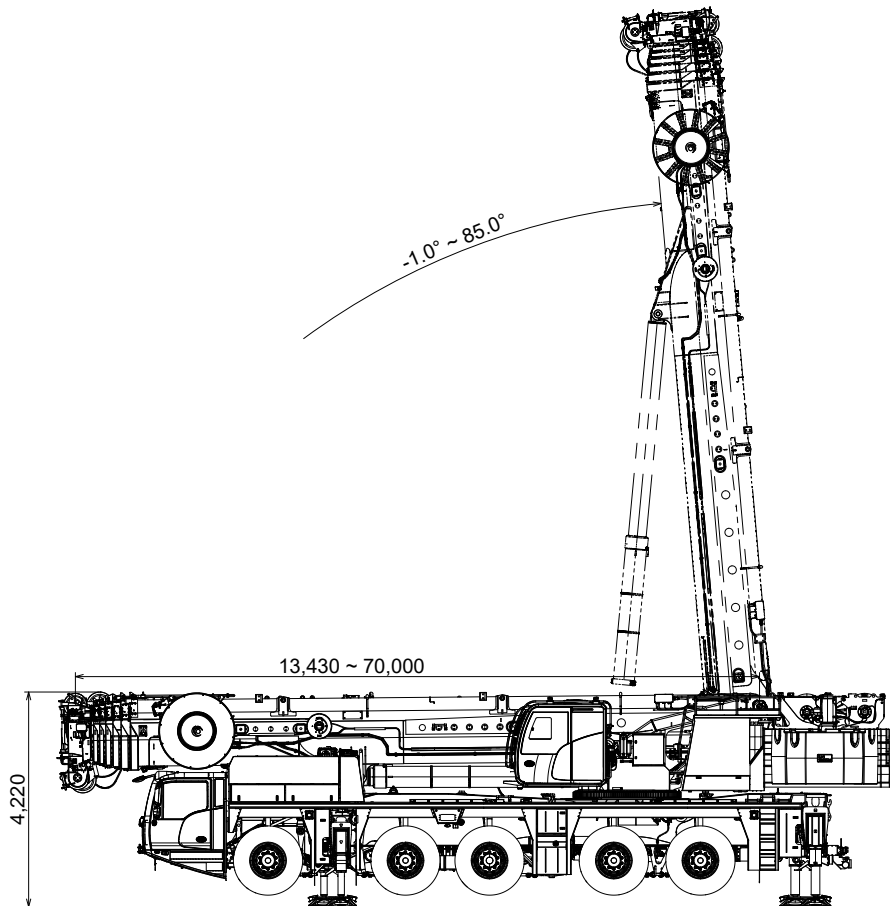
●9.7tフック 0.3 t



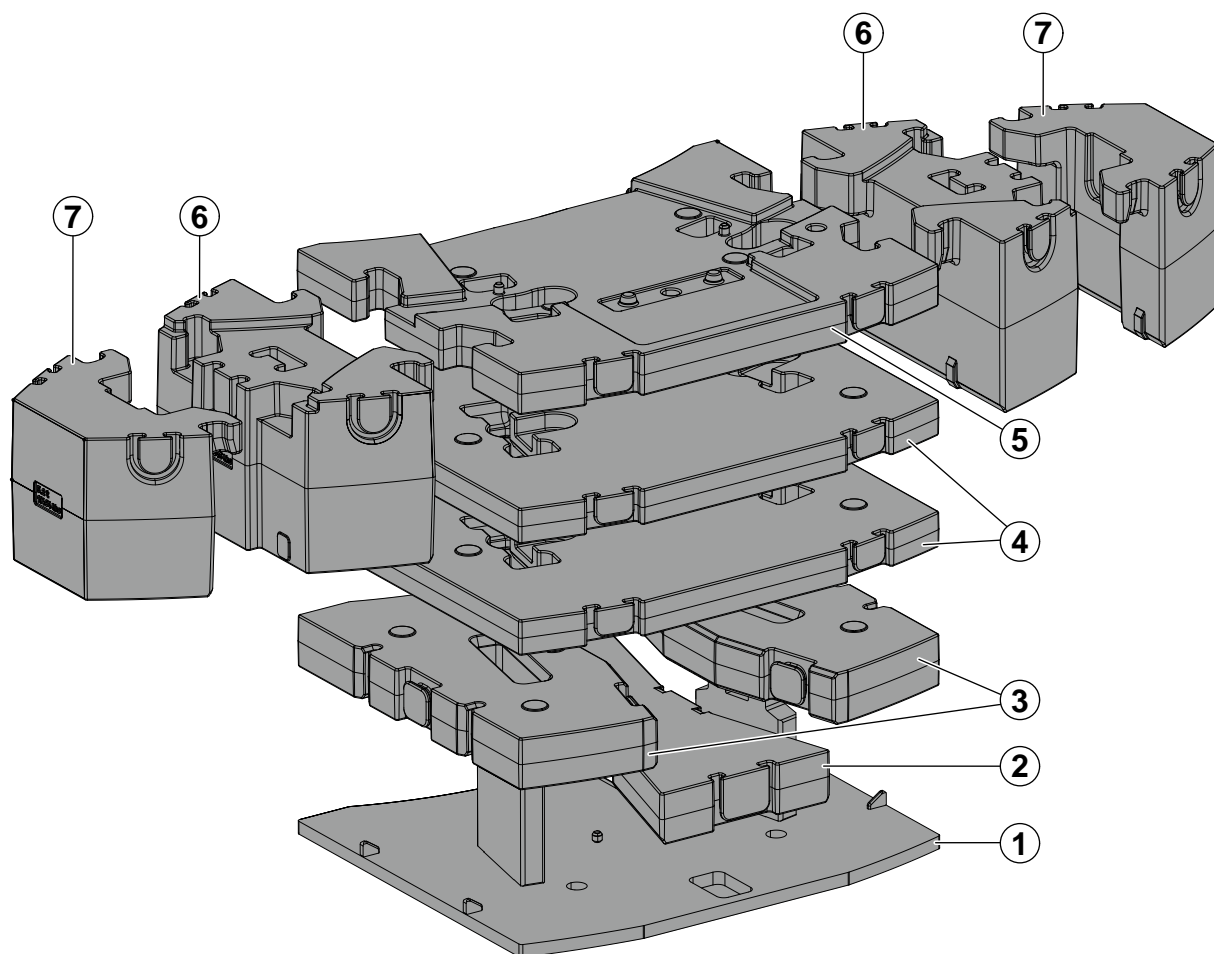
設置

■ アウトリガ張出幅・テールスイング

単位 (mm)



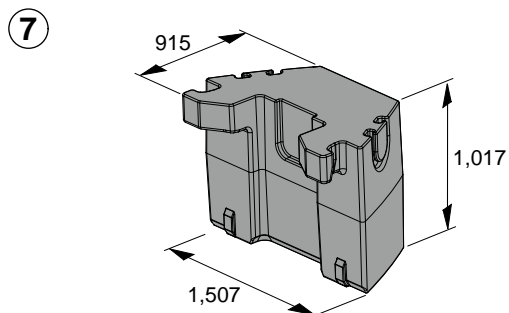
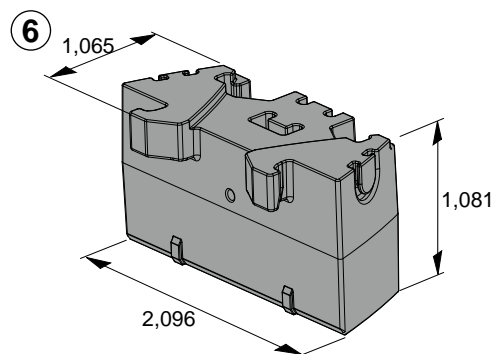
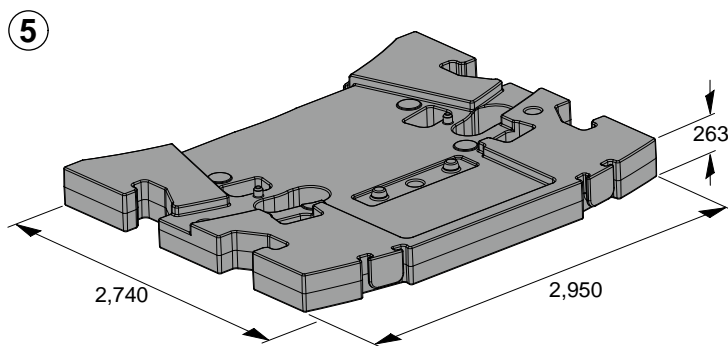
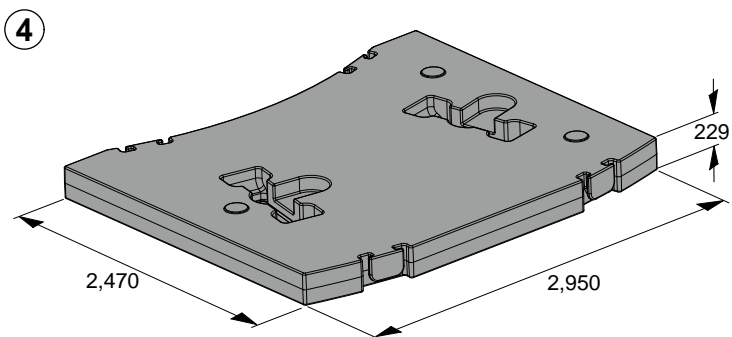
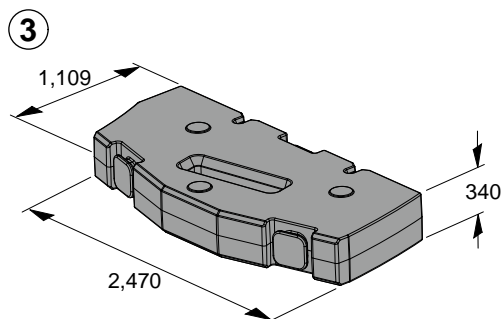
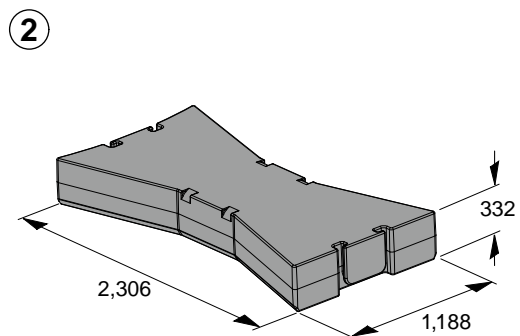
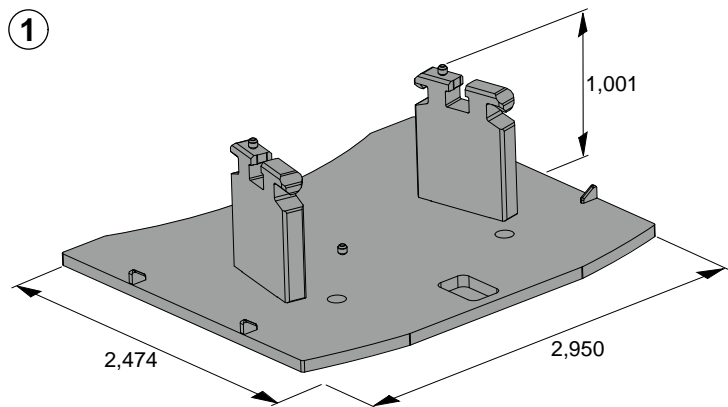
設置



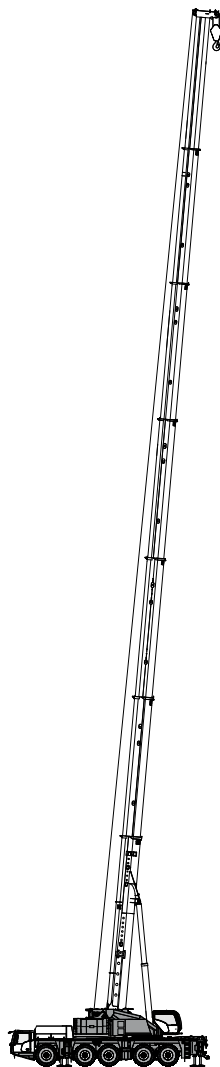
構成

	5.5t	15.5t	20.0t	25.5t	30.0t	35.5t	40.0t	45.1t	49.6t	55.5t	60.0t	65.1t	69.6t	75.5t	80.0t
① 5.5t	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
② 4.5t			1		1		1		1		1		1		1
③ 5.0t		2	2	2	2	2	2	2	2	2	2	2	2	2	2
④ 10.0t				1	1	2	2	2	2	2	2	2	2	2	2
⑤ 9.6t								1	1	1	1	1	1	1	1
⑥ 10.0t												2	2	2	2
⑦ 5.2t										2	2			2	2

設置

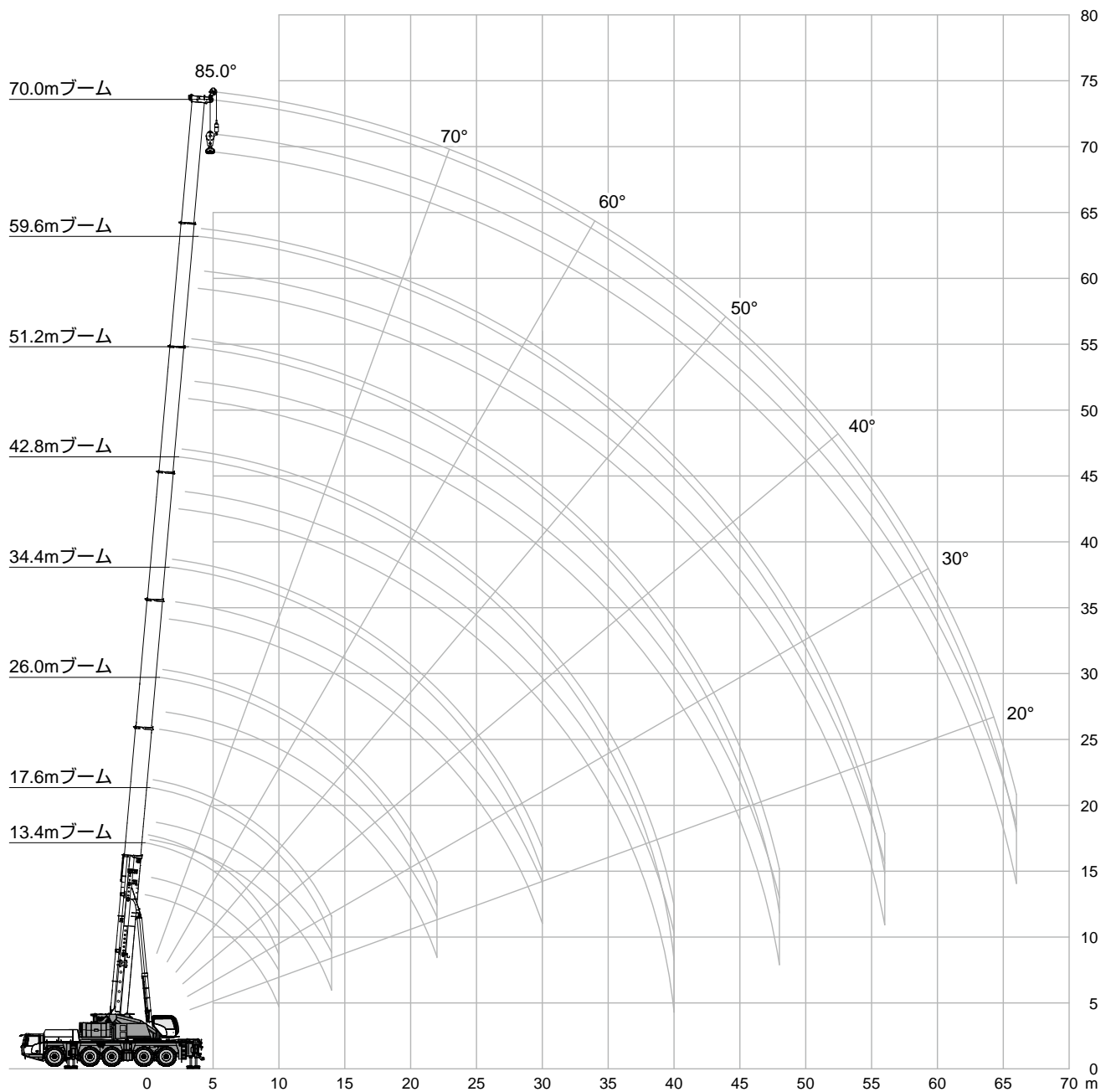


オールテレーンクレーン
AC 5.250-2
メインブーム (MB)



メインブーム

MB (メインブーム) 作業半径-揚程図



80.0 t		9.31 m x 8.30 m														360°		
		(m)																
		13.4 ¹⁾	13.4	17.6	21.8	26.0	30.2	34.4	38.6	42.8	47.0	51.2	55.4	59.6	63.8	70.0		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
2.5	250.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	
3	135.6	135.6	110.1	92.6	92.6	83.8	74.9	65.8	-	-	-	-	-	-	-	-	3	
4	135.6	135.6	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	4	
5	132.8	130.1	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	5	
6	117.5	112.6	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	6	
7	104.5	98.2	99.3	92.6	92.6	83.8	74.9	62.6	55.7	43.6	34.9	25.3	-	-	-	-	7	
8	91.1	86.7	87.8	88.2	87.9	83.8	74.9	61.8	53.1	43.6	34.9	25.3	-	-	-	-	8	
9	80.0	77.3	78.4	79.3	78.5	77.9	74.9	61.8	49.6	43.6	34.9	27.3	-	-	-	-	9	
10	67.6	67.6	70.6	71.5	70.7	71.6	71.0	59.4	46.6	42.3	34.9	27.3	22.8	18.8	-	-	10	
11	-	-	64.0	64.9	65.4	65.0	64.4	56.5	43.7	40.3	34.9	27.3	22.8	18.8	14.5	-	11	
12	-	-	58.7	59.3	59.8	59.4	58.7	54.9	41.1	38.0	34.9	27.3	22.8	18.8	14.5	-	12	
14	-	-	48.8	49.9	50.4	50.0	49.4	50.2	36.7	33.9	31.5	27.3	22.8	18.8	14.5	-	14	
16	-	-	-	43.1	43.1	42.8	43.6	43.0	33.3	30.5	28.5	26.7	22.8	18.8	14.5	-	16	
18	-	-	-	37.5	37.5	38.3	37.9	37.3	30.5	28.0	25.8	24.4	22.3	18.8	14.5	-	18	
20	-	-	-	-	33.1	33.8	33.5	32.8	28.0	25.6	23.6	22.4	20.8	18.0	14.5	-	20	
22	-	-	-	-	28.9	29.7	29.2	28.5	25.8	23.6	21.6	20.6	19.5	17.0	14.5	-	22	
24	-	-	-	-	-	26.2	25.7	25.0	24.0	21.7	19.9	19.1	18.3	16.1	14.5	-	24	
26	-	-	-	-	-	23.4	22.9	22.2	22.0	20.1	18.5	17.7	17.0	15.3	13.9	-	26	
28	-	-	-	-	-	-	20.5	19.8	20.0	18.7	17.3	16.7	15.8	14.6	13.2	-	28	
30	-	-	-	-	-	-	18.5	18.0	18.4	17.5	16.2	15.6	14.8	13.8	12.4	-	30	
32	-	-	-	-	-	-	-	16.9	16.7	16.1	15.2	14.5	13.8	12.9	11.6	-	32	
34	-	-	-	-	-	-	-	15.9	15.2	14.5	14.4	13.6	12.9	12.1	11.0	-	34	
36	-	-	-	-	-	-	-	-	13.9	13.1	13.6	12.8	12.1	11.4	10.4	-	36	
38	-	-	-	-	-	-	-	-	13.1	12.4	12.8	12.0	11.6	10.7	9.7	-	38	
40	-	-	-	-	-	-	-	-	10.6	11.8	11.7	11.3	10.9	10.1	9.0	-	40	
42	-	-	-	-	-	-	-	-	-	11.2	10.7	10.6	10.2	9.5	8.4	-	42	
44	-	-	-	-	-	-	-	-	-	9.9	9.8	9.9	9.4	9.0	7.8	-	44	
46	-	-	-	-	-	-	-	-	-	-	9.1	9.1	9.0	8.5	7.3	-	46	
48	-	-	-	-	-	-	-	-	-	-	8.9	8.4	8.3	7.9	6.8	-	48	
50	-	-	-	-	-	-	-	-	-	-	-	7.7	7.7	7.2	6.3	-	50	
52	-	-	-	-	-	-	-	-	-	-	-	7.4	7.1	6.6	5.9	-	52	
54	-	-	-	-	-	-	-	-	-	-	-	-	6.5	6.0	5.5	-	54	
56	-	-	-	-	-	-	-	-	-	-	-	-	6.0	5.5	5.2	-	56	
58	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	4.8	-	58	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	4.5	-	60	
62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	62	
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	64	
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	66	

1) 後方限定性能
* つり上げ性能クラス

メインブーム

49.6 t		9.31 m x 8.30 m														360°	
		(m)															
	13.4	17.6	21.8	26.0	30.2	34.4	38.6	42.8	47.0	51.2	55.4	59.6	63.8	70.0			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
3	135.6	110.1	92.6	92.6	83.8	74.9	65.8	-	-	-	-	-	-	-	3		
4	135.6	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	4		
5	121.3	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	5		
6	103.6	104.6	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	6		
7	89.8	90.8	91.3	91.0	83.8	74.9	62.6	55.7	43.6	34.9	25.3	-	-	-	7		
8	78.8	79.9	80.3	80.0	80.0	74.9	61.8	53.1	43.6	34.9	25.3	-	-	-	8		
9	69.8	71.1	71.7	72.2	71.9	68.7	61.8	49.6	43.6	34.9	27.3	-	-	-	9		
10	62.1	63.5	64.2	64.3	63.7	60.1	59.1	46.6	42.3	34.9	27.3	22.8	18.8	-	10		
11	-	57.1	57.7	57.8	56.4	55.6	52.6	43.7	40.3	34.9	27.3	22.8	18.8	14.5	11		
12	-	50.3	51.2	51.3	50.7	49.9	47.2	41.1	38.0	34.9	27.3	22.8	18.8	14.5	12		
14	-	39.7	40.1	41.3	41.1	40.7	38.9	36.7	33.9	31.5	27.3	22.8	18.8	14.5	14		
16	-	-	33.3	33.7	33.5	33.1	32.3	31.6	30.0	28.5	26.7	22.8	18.8	14.5	16		
18	-	-	27.8	28.2	28.0	27.6	27.5	27.3	26.7	25.1	24.4	22.3	18.8	14.5	18		
20	-	-	-	24.0	23.8	23.6	24.2	23.5	22.9	23.0	22.0	20.8	18.0	14.5	20		
22	-	-	-	20.8	20.6	21.0	20.9	20.8	20.5	20.0	19.7	19.3	17.0	14.5	22		
24	-	-	-	-	18.0	18.7	18.4	18.2	17.8	17.8	17.8	17.0	16.1	14.5	24		
26	-	-	-	-	16.6	16.5	16.2	16.0	16.4	16.1	15.6	15.4	15.1	13.9	26		
28	-	-	-	-	-	14.7	14.4	14.7	14.6	14.2	14.3	13.9	13.5	13.1	28		
30	-	-	-	-	-	13.2	13.3	13.3	13.0	13.1	12.7	12.3	11.8	11.7	30		
32	-	-	-	-	-	-	12.2	11.9	11.8	11.8	11.3	10.9	10.4	10.4	32		
34	-	-	-	-	-	-	11.1	10.7	10.9	10.6	10.1	9.7	9.2	9.2	34		
36	-	-	-	-	-	-	-	10.0	9.8	9.5	9.1	8.6	8.2	8.2	36		
38	-	-	-	-	-	-	-	9.2	8.9	8.6	8.1	7.7	7.2	7.2	38		
40	-	-	-	-	-	-	-	8.4	8.0	7.7	7.3	6.9	6.4	6.4	40		
42	-	-	-	-	-	-	-	-	7.3	7.0	6.6	6.1	5.7	5.6	42		
44	-	-	-	-	-	-	-	-	6.7	6.3	5.9	5.4	5.0	5.0	44		
46	-	-	-	-	-	-	-	-	-	5.8	5.3	4.8	4.4	4.4	46		
48	-	-	-	-	-	-	-	-	-	5.2	4.8	4.3	3.8	3.8	48		
50	-	-	-	-	-	-	-	-	-	-	4.3	3.8	3.3	3.3	50		
52	-	-	-	-	-	-	-	-	-	-	3.8	3.4	2.9	2.8	52		
54	-	-	-	-	-	-	-	-	-	-	-	3.0	2.4	2.4	54		
56	-	-	-	-	-	-	-	-	-	-	-	2.6	2.1	2.0	56		
58	-	-	-	-	-	-	-	-	-	-	-	-	1.7	1.7	58		
60	-	-	-	-	-	-	-	-	-	-	-	-	1.4	1.3	60		
62	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	62		

35.5 t		9.31 m x 8.30 m														360°	
		(m)															
		13.4	17.6	21.8	26.0	30.2	34.4	38.6	42.8	47.0	51.2	55.4	59.6	63.8	70.0		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	m
3	135.6	110.1	92.6	92.6	83.8	74.9	65.8	-	-	-	-	-	-	-	-	3	3
4	135.6	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	4	4
5	116.1	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	5	5
6	98.6	99.7	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	6	6
7	85.1	86.2	86.6	86.4	80.3	74.9	62.6	55.7	43.6	34.9	25.3	-	-	-	-	7	7
8	74.3	75.9	76.7	74.2	69.7	65.7	61.8	53.1	43.6	34.9	25.3	-	-	-	-	8	8
9	65.1	66.7	66.5	63.2	60.0	58.4	54.9	49.6	43.6	34.9	27.3	-	-	-	-	9	9
10	53.9	56.0	57.1	54.9	53.9	51.1	48.1	45.5	42.3	34.9	27.3	22.8	18.8	-	-	10	10
11	-	48.0	48.5	49.8	47.7	45.3	42.6	40.8	38.6	34.9	27.3	22.8	18.8	14.5	-	11	11
12	-	41.5	42.8	43.2	42.6	40.5	38.5	36.6	35.5	33.7	27.3	22.8	18.8	14.5	-	12	12
14	-	32.2	33.4	33.8	33.6	33.1	32.1	31.2	29.4	29.2	27.3	22.8	18.8	14.5	-	14	14
16	-	-	27.0	27.3	27.2	27.0	27.6	26.9	25.8	24.5	24.0	22.7	18.8	14.5	-	16	16
18	-	-	22.4	22.7	22.6	23.3	23.1	22.9	22.0	21.7	20.9	19.9	18.8	14.5	-	18	18
20	-	-	-	19.2	20.0	19.8	19.5	19.5	19.8	19.1	18.3	17.9	16.9	14.5	-	20	20
22	-	-	-	16.9	17.3	17.0	17.1	17.2	17.0	16.8	16.5	15.6	14.7	14.2	-	22	22
24	-	-	-	-	15.1	14.8	15.2	15.0	15.1	14.9	14.5	13.7	12.8	12.4	-	24	24
26	-	-	-	-	13.2	13.6	13.4	13.5	13.3	13.0	12.5	12.1	11.2	10.8	-	26	26
28	-	-	-	-	-	12.0	11.8	11.9	11.7	11.4	10.9	10.5	9.8	9.5	-	28	28
30	-	-	-	-	-	10.7	10.6	10.5	10.3	10.0	9.5	9.1	8.6	8.3	-	30	30
32	-	-	-	-	-	-	9.4	9.3	9.1	8.8	8.3	7.9	7.4	7.3	-	32	32
34	-	-	-	-	-	-	8.4	8.3	8.0	7.8	7.3	6.8	6.4	6.4	-	34	34
36	-	-	-	-	-	-	-	7.4	7.1	6.9	6.4	5.9	5.5	5.5	-	36	36
38	-	-	-	-	-	-	-	6.6	6.3	6.1	5.6	5.1	4.7	4.7	-	38	38
40	-	-	-	-	-	-	-	6.0	5.6	5.3	4.9	4.4	4.0	4.0	-	40	40
42	-	-	-	-	-	-	-	-	5.0	4.7	4.3	3.8	3.3	3.3	-	42	42
44	-	-	-	-	-	-	-	-	4.5	4.2	3.7	3.3	2.8	2.8	-	44	44
46	-	-	-	-	-	-	-	-	-	3.7	3.2	2.7	2.3	2.2	-	46	46
48	-	-	-	-	-	-	-	-	-	3.2	2.8	2.3	1.8	1.8	-	48	48
50	-	-	-	-	-	-	-	-	-	-	2.4	1.9	1.4	1.4	-	50	50
52	-	-	-	-	-	-	-	-	-	-	2.0	1.5	1.0	1.0	-	52	52
54	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	54	54

メインブーム

25.5 t		9.31 m x 8.30 m														360°	
		(m)															
	13.4	17.6	21.8	26.0	30.2	34.4	38.6	42.8	47.0	51.2	55.4	59.6	63.8	70.0			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
3	135.6	110.1	92.6	92.6	83.8	74.9	65.8	-	-	-	-	-	-	-	3		
4	135.0	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	4		
5	112.1	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	5		
6	94.8	95.9	92.6	91.8	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	6		
7	81.5	82.6	80.0	75.8	70.6	68.2	61.8	55.7	43.6	34.9	25.3	-	-	-	7		
8	68.9	69.7	66.6	62.9	61.2	57.5	53.6	50.1	43.6	34.9	25.3	-	-	-	8		
9	55.2	58.2	56.2	55.2	52.4	49.4	46.6	43.9	41.2	34.9	27.3	-	-	-	9		
10	45.3	48.0	48.7	47.8	45.6	43.1	41.4	39.3	37.4	34.6	27.3	22.8	18.8	-	10		
11	-	40.6	42.0	42.1	40.2	38.1	36.7	35.4	34.0	31.0	27.3	22.8	18.8	14.5	11		
12	-	34.9	36.2	36.7	35.8	34.2	33.8	32.6	31.0	29.4	27.3	22.8	18.8	14.5	12		
14	-	26.9	28.1	28.5	28.3	29.1	27.9	26.7	26.0	25.1	23.9	22.3	18.8	14.5	14		
16	-	-	22.6	22.9	23.8	23.6	23.3	22.8	22.2	21.1	20.7	19.6	18.4	14.5	16		
18	-	-	18.7	19.6	19.7	19.5	20.0	19.7	19.1	18.5	17.5	16.5	15.5	14.5	18		
20	-	-	-	16.5	16.6	17.1	16.9	17.0	16.6	15.9	15.0	14.1	13.1	12.6	20		
22	-	-	-	13.9	14.2	14.5	14.5	14.5	14.3	13.8	12.9	12.1	11.2	10.8	22		
24	-	-	-	-	12.2	12.4	12.4	12.4	12.1	11.9	11.2	10.4	9.6	9.2	24		
26	-	-	-	-	10.5	10.7	10.7	10.7	10.4	10.1	9.7	9.0	8.2	7.9	26		
28	-	-	-	-	-	9.3	9.3	9.2	9.0	8.7	8.2	7.8	7.0	6.7	28		
30	-	-	-	-	-	8.2	8.1	8.0	7.8	7.5	7.0	6.6	6.0	5.7	30		
32	-	-	-	-	-	-	7.1	7.0	6.8	6.5	6.0	5.6	5.1	4.9	32		
34	-	-	-	-	-	-	6.2	6.1	5.9	5.6	5.1	4.7	4.2	4.1	34		
36	-	-	-	-	-	-	-	5.4	5.1	4.8	4.4	3.9	3.5	3.4	36		
38	-	-	-	-	-	-	-	4.7	4.4	4.1	3.7	3.2	2.8	2.8	38		
40	-	-	-	-	-	-	-	4.2	3.8	3.5	3.1	2.6	2.2	2.2	40		
42	-	-	-	-	-	-	-	-	3.3	3.0	2.6	2.1	1.6	1.6	42		
44	-	-	-	-	-	-	-	-	2.9	2.5	2.1	1.6	1.2	1.1	44		
46	-	-	-	-	-	-	-	-	-	2.1	1.7	1.2	-	-	46		
48	-	-	-	-	-	-	-	-	-	1.8	1.3	-	-	-	48		

15.5 t		9.31 m x 8.30 m														360°	
		(m)															
		13.4	17.6	21.8	26.0	30.2	34.4	38.6	42.8	47.0	51.2	55.4	59.6	63.8	70.0		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	m
3	135.6	110.1	92.6	92.6	83.8	74.9	65.8	-	-	-	-	-	-	-	-	3	3
4	130.5	110.1	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	4	4
5	107.8	108.9	92.6	92.6	83.8	74.9	65.8	55.7	43.6	-	-	-	-	-	-	5	5
6	90.7	89.5	82.7	78.3	73.7	68.8	61.8	55.7	43.6	-	-	-	-	-	-	6	6
7	74.0	70.6	66.9	64.5	60.4	56.3	52.4	48.9	43.6	34.9	25.3	-	-	-	-	7	7
8	57.2	57.9	56.1	53.5	50.5	47.2	44.9	42.3	39.6	34.9	25.3	-	-	-	-	8	8
9	45.1	48.0	47.3	45.4	43.1	40.7	39.8	38.1	34.9	31.9	27.3	-	-	-	-	9	9
10	36.7	39.5	40.6	39.2	37.3	36.9	35.0	33.3	31.9	29.4	27.3	22.8	18.8	-	-	10	10
11	-	33.2	34.6	34.3	32.9	32.5	30.8	29.7	28.7	27.1	25.0	22.8	18.8	14.5	-	11	11
12	-	28.4	29.8	30.1	30.1	28.7	27.6	26.9	25.6	24.8	22.9	21.3	18.8	14.5	-	12	12
14	-	21.2	22.8	24.0	24.1	23.0	22.8	22.2	21.2	20.2	19.0	17.9	16.6	14.5	-	14	14
16	-	-	17.7	18.9	19.1	19.6	19.0	18.4	17.5	16.7	15.7	14.7	13.6	13.0	-	16	16
18	-	-	14.1	15.2	15.6	15.9	15.8	15.5	14.7	14.0	13.1	12.2	11.2	10.7	-	18	18
20	-	-	-	12.4	12.8	13.1	13.0	13.1	12.5	11.8	11.0	10.1	9.2	8.8	-	20	20
22	-	-	-	10.3	10.6	10.9	10.9	10.9	10.6	10.1	9.3	8.5	7.6	7.3	-	22	22
24	-	-	-	-	8.9	9.2	9.1	9.1	8.9	8.6	7.9	7.1	6.3	6.0	-	24	24
26	-	-	-	-	7.6	7.8	7.7	7.7	7.5	7.2	6.7	6.0	5.2	4.9	-	26	26
28	-	-	-	-	-	6.6	6.5	6.5	6.3	6.0	5.5	5.0	4.2	4.0	-	28	28
30	-	-	-	-	-	5.7	5.6	5.5	5.3	5.0	4.6	4.1	3.3	3.2	-	30	30
32	-	-	-	-	-	-	4.8	4.7	4.5	4.2	3.7	3.2	2.6	2.4	-	32	32
34	-	-	-	-	-	-	4.1	4.0	3.7	3.4	3.0	2.5	1.9	1.8	-	34	34
36	-	-	-	-	-	-	-	3.4	3.1	2.8	2.3	1.9	1.4	1.2	-	36	36
38	-	-	-	-	-	-	-	2.8	2.5	2.2	1.8	1.3	-	-	-	38	38
40	-	-	-	-	-	-	-	2.4	2.0	1.7	1.3	-	-	-	-	40	40
42	-	-	-	-	-	-	-	-	1.6	1.3	-	-	-	-	-	42	42
44	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	44	44

MEMO

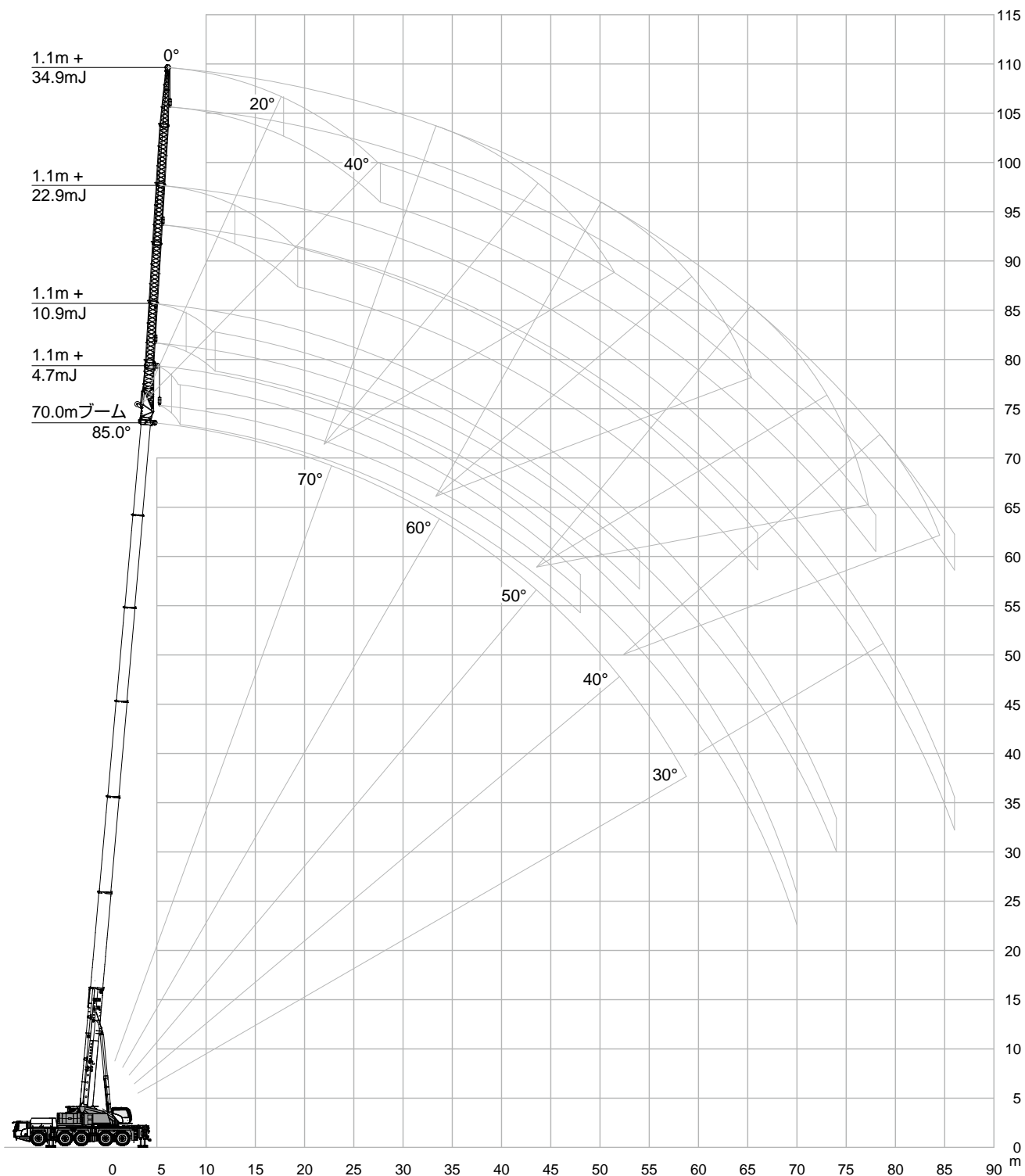
A large rectangular area with horizontal lines, intended for writing a memo. The lines are evenly spaced and cover the majority of the page's content area.

オールテレーンクレーン
AC 5.250-2
油圧チルトジブ (HOJ)



油圧チルトジブ

HOJ (油圧チルトジブ) 作業半径-揚程図



(注意)

- ・ 上図はジブのたわみを含んでいません。
- ・ カウンタウエイト80t、アウトリガ張出幅8.3m時の性能を図示しています。

80.0 t		9.31 m x 8.30 m						1.1 m + 34.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	3.8	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	16		
18	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	-	-	-	18		
20	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	20		
22	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	22		
24	3.7	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	24		
26	3.6	-	-	-	3.4	-	-	3.3	-	-	2.9	-	-	2.4	-	-	26		
28	3.5	2.7	-	-	3.3	-	-	3.2	-	-	2.9	-	-	2.4	-	-	28		
30	3.4	2.7	-	-	3.2	2.5	-	3.1	-	-	2.9	-	-	2.4	-	-	30		
32	3.2	2.6	-	-	3.1	2.5	-	3.0	2.4	-	2.9	2.3	-	2.4	-	-	32		
34	3.1	2.5	-	-	3.0	2.4	-	3.0	2.4	-	2.8	2.3	-	2.4	2.2	-	34		
36	3.0	2.4	-	-	2.9	2.3	-	2.9	2.3	-	2.7	2.2	-	2.4	2.1	-	36		
38	2.9	2.4	2.0	-	2.8	2.3	-	2.8	2.2	-	2.7	2.2	-	2.4	2.1	-	38		
40	2.9	2.3	1.9	-	2.7	2.2	1.9	2.7	2.2	1.9	2.6	2.1	-	2.4	2.0	-	40		
42	2.8	2.2	1.9	-	2.7	2.2	1.9	2.7	2.1	1.9	2.5	2.1	1.9	2.4	2.0	-	42		
44	2.7	2.2	1.8	-	2.6	2.1	1.8	2.6	2.1	1.8	2.5	2.0	1.8	2.4	1.9	1.8	44		
46	2.6	2.1	1.8	-	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	46		
48	2.5	2.1	1.7	-	2.5	2.0	1.7	2.5	2.0	1.7	2.4	1.9	1.7	2.3	1.9	1.7	48		
50	2.5	2.0	1.7	-	2.4	2.0	1.7	2.4	1.9	1.7	2.3	1.9	1.7	2.2	1.8	1.7	50		
54	2.3	1.9	1.6	-	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	54		
58	2.2	1.8	1.5	-	2.2	1.8	1.5	2.2	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.6	58		
62	2.1	1.7	1.4	-	2.1	1.7	1.5	2.1	1.7	1.5	2.0	1.7	1.5	2.0	1.6	1.5	62		
66	1.9	1.6	1.4	-	2.0	1.6	1.4	2.0	1.7	1.4	1.9	1.6	1.4	1.9	1.6	1.4	66		
70	1.7	1.5	-	-	1.9	1.5	1.4	1.9	1.6	1.4	1.8	1.6	1.4	1.7	1.5	1.4	70		
74	1.6	1.4	-	-	1.7	1.4	-	1.8	1.5	1.3	1.8	1.5	1.3	1.5	1.4	1.3	74		
78	1.5	1.3	-	-	1.6	1.4	-	1.7	1.4	-	1.7	1.5	-	1.3	1.3	1.2	78		
82	1.4	-	-	-	1.5	1.3	-	1.5	1.4	-	1.6	1.4	-	1.2	1.2	-	82		
86	-	-	-	-	1.3	-	-	1.4	1.3	-	1.3	1.3	-	1.0	1.1	-	86		
90	-	-	-	-	-	-	-	1.3	-	-	-	1.2	-	-	-	-	90		

80.0 t		9.31 m x 8.30 m						1.1 m + 28.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	5.2	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	14		
16	5.2	-	-	-	4.6	-	-	4.3	-	-	-	-	-	-	-	-	16		
18	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	-	-	-	18		
20	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	20		
22	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	22		
24	5.2	3.9	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	24		
26	5.1	4.0	-	-	4.6	3.9	-	4.3	-	-	3.8	-	-	3.4	-	-	26		
28	4.9	3.9	-	-	4.6	3.7	-	4.3	3.7	-	3.8	-	-	3.4	-	-	28		
30	4.7	3.8	-	-	4.5	3.6	-	4.3	3.6	-	3.8	3.5	-	3.4	-	-	30		
32	4.6	3.7	3.0	-	4.4	3.6	-	4.3	3.5	-	3.8	3.4	-	3.4	3.2	-	32		
34	4.5	3.5	2.9	-	4.3	3.5	2.9	4.2	3.4	-	3.8	3.3	-	3.4	3.2	-	34		
36	4.3	3.4	2.8	-	4.1	3.4	2.8	4.1	3.4	2.8	3.8	3.2	2.8	3.4	3.1	-	36		
38	4.2	3.3	2.7	-	4.0	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.4	3.0	-	38		
40	4.1	3.2	2.6	-	3.9	3.2	2.7	3.9	3.2	2.7	3.7	3.1	2.7	3.4	3.0	2.7	40		
42	4.0	3.2	2.6	-	3.8	3.1	2.6	3.8	3.1	2.6	3.7	3.0	2.6	3.4	2.9	2.6	42		
44	3.8	3.1	2.5	-	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.6	3.4	2.9	2.6	44		
46	3.7	3.0	2.5	-	3.6	3.0	2.5	3.6	3.0	2.5	3.5	2.9	2.5	3.4	2.8	2.5	46		
48	3.6	2.9	2.4	-	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.3	2.8	2.5	48		
50	3.5	2.8	2.3	-	3.5	2.8	2.4	3.5	2.8	2.4	3.4	2.8	2.4	3.2	2.7	2.4	50		
54	3.3	2.6	2.2	-	3.3	2.7	2.3	3.3	2.7	2.3	3.2	2.7	2.3	3.1	2.6	2.3	54		
58	3.0	2.5	2.2	-	3.1	2.5	2.2	3.2	2.6	2.2	3.1	2.6	2.2	2.8	2.4	2.2	58		
62	2.8	2.3	-	-	2.9	2.4	2.1	3.0	2.5	2.2	3.0	2.5	2.2	2.6	2.3	2.1	62		
66	2.5	2.2	-	-	2.7	2.3	-	2.8	2.3	2.1	2.9	2.4	2.1	2.3	2.1	2.0	66		
70	2.3	2.1	-	-	2.5	2.2	-	2.6	2.2	-	2.7	2.3	2.1	2.1	2.0	1.9	70		
74	2.2	-	-	-	2.3	2.1	-	2.4	2.1	-	2.6	2.2	-	1.9	1.8	1.8	74		
78	-	-	-	-	2.2	-	-	2.3	2.1	-	2.1	2.1	-	1.7	1.7	-	78		
82	-	-	-	-	2.0	-	-	2.1	-	-	1.7	2.0	-	1.4	1.6	-	82		
86	-	-	-	-	-	-	-	1.8	-	-	1.3	-	-	1.0	1.4	-	86		

油圧チルトジブ

80.0 t		9.31 m x 8.30 m						1.1 m + 22.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
11	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12	7.1	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	12
14	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	-	-	-	14
16	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	16
18	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	18
20	7.1	6.1	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	20
22	7.1	6.0	-	6.1	5.8	-	5.7	-	-	5.0	-	-	4.4	-	-	22
24	7.1	5.8	-	6.1	5.6	-	5.7	5.6	-	5.0	5.0	-	4.4	-	-	24
26	7.1	5.6	-	6.1	5.5	-	5.7	5.4	-	5.0	5.0	-	4.4	4.4	-	26
28	7.0	5.4	4.3	6.1	5.3	4.3	5.7	5.3	-	5.0	5.0	-	4.4	4.4	-	28
30	6.8	5.3	4.1	6.1	5.1	4.1	5.7	5.1	4.1	5.0	5.0	-	4.4	4.4	-	30
32	6.5	5.1	4.0	6.1	5.0	4.0	5.7	5.0	4.0	5.0	4.9	4.0	4.4	4.4	-	32
34	6.3	5.0	3.9	6.1	4.9	3.9	5.7	4.9	3.9	5.0	4.7	3.9	4.4	4.4	4.0	34
36	6.1	4.8	3.8	5.9	4.7	3.8	5.7	4.7	3.9	5.0	4.6	3.9	4.4	4.4	3.9	36
38	5.9	4.6	3.7	5.7	4.6	3.7	5.7	4.6	3.8	5.0	4.5	3.8	4.4	4.4	3.8	38
40	5.7	4.4	3.6	5.6	4.5	3.7	5.6	4.5	3.7	5.0	4.4	3.7	4.4	4.3	3.7	40
42	5.5	4.3	3.5	5.4	4.4	3.6	5.4	4.4	3.6	5.0	4.3	3.6	4.4	4.2	3.6	42
44	5.4	4.1	3.5	5.3	4.2	3.5	5.3	4.3	3.5	5.0	4.2	3.6	4.4	4.0	3.5	44
46	5.2	4.0	3.4	5.1	4.1	3.4	5.1	4.2	3.5	5.0	4.1	3.5	4.4	3.9	3.4	46
48	4.9	3.9	3.3	5.0	4.0	3.4	5.0	4.1	3.4	4.9	4.1	3.4	4.3	3.7	3.3	48
50	4.7	3.8	3.3	4.9	3.8	3.3	4.9	3.9	3.4	4.8	4.0	3.4	4.1	3.6	3.2	50
54	4.3	3.5	3.2	4.5	3.6	3.2	4.7	3.7	3.3	4.6	3.8	3.3	3.7	3.4	3.1	54
58	3.9	3.4	-	4.2	3.5	3.1	4.4	3.6	3.2	4.4	3.6	3.2	3.4	3.1	2.9	58
62	3.6	3.2	-	3.8	3.3	-	4.0	3.4	-	4.1	3.5	3.1	3.1	2.9	2.8	62
66	3.4	3.1	-	3.6	3.2	-	3.7	3.3	-	3.8	3.3	-	2.8	2.7	2.6	66
70	3.1	-	-	3.3	3.1	-	3.5	3.1	-	3.2	3.2	-	2.5	2.5	-	70
74	-	-	-	3.1	-	-	3.1	3.0	-	2.6	2.9	-	2.2	2.3	-	74
78	-	-	-	-	-	-	2.6	-	-	2.1	2.3	-	1.9	2.1	-	78
82	-	-	-	-	-	-	-	-	-	1.6	-	-	1.4	1.7	-	82
86	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	86

80.0 t		9.31 m x 8.30 m						1.1 m + 16.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	8.8	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	11
12	8.8	-	-	8.2	-	-	7.7	-	-	-	-	-	-	-	-	12
14	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	-	-	-	14
16	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	5.7	-	-	16
18	11.0	9.5	-	8.2	8.2	-	7.7	-	-	6.6	-	-	5.7	-	-	18
20	11.0	9.2	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	-	-	20
22	11.0	8.7	6.5	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	22
24	11.0	8.4	6.3	8.2	8.2	6.3	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	24
26	10.6	8.0	6.1	8.2	8.1	6.2	7.7	7.7	6.2	6.6	6.6	-	5.7	5.7	-	26
28	10.2	7.7	6.0	8.2	7.8	6.0	7.7	7.7	6.0	6.6	6.6	6.0	5.7	5.7	5.7	28
30	9.9	7.3	5.8	8.2	7.5	5.9	7.7	7.6	5.9	6.6	6.6	5.9	5.7	5.7	5.7	30
32	9.5	7.1	5.7	8.2	7.2	5.7	7.7	7.4	5.7	6.6	6.6	5.8	5.7	5.7	5.5	32
34	9.2	6.8	5.5	8.2	7.0	5.6	7.7	7.1	5.6	6.6	6.6	5.6	5.7	5.7	5.3	34
36	8.9	6.5	5.4	8.2	6.7	5.5	7.7	6.9	5.5	6.6	6.6	5.5	5.7	5.7	5.2	36
38	8.4	6.3	5.3	8.2	6.5	5.3	7.7	6.6	5.4	6.6	6.6	5.4	5.7	5.7	5.0	38
40	8.0	6.1	5.2	7.8	6.3	5.2	7.7	6.4	5.3	6.6	6.4	5.3	5.7	5.5	4.9	40
42	7.6	5.9	5.1	7.5	6.1	5.1	7.6	6.2	5.2	6.6	6.2	5.2	5.7	5.3	4.7	42
44	7.2	5.7	5.0	7.2	5.9	5.1	7.3	6.1	5.1	6.6	6.0	5.2	5.6	5.1	4.6	44
46	6.9	5.6	4.9	6.9	5.7	5.0	7.0	5.9	5.0	6.3	5.8	5.1	5.3	4.9	4.5	46
48	6.6	5.4	4.8	6.6	5.6	4.9	6.8	5.7	5.0	6.1	5.6	5.0	5.1	4.7	4.3	48
50	6.3	5.3	-	6.4	5.4	4.8	6.5	5.6	4.9	5.9	5.5	4.9	4.8	4.5	4.2	50
54	5.8	5.0	-	5.9	5.2	-	6.1	5.3	4.8	5.4	5.1	4.8	4.3	4.1	4.0	54
58	5.3	4.8	-	5.5	4.9	-	5.1	5.1	-	5.1	4.9	4.7	3.9	3.8	3.7	58
62	4.8	-	-	4.8	4.7	-	4.6	4.6	-	4.5	4.6	-	3.5	3.5	3.5	62
66	-	-	-	4.2	-	-	4.2	4.2	-	3.7	4.0	-	3.2	3.2	-	66
70	-	-	-	-	-	-	3.6	-	-	3.1	3.3	-	2.8	2.9	-	70
74	-	-	-	-	-	-	3.0	-	-	2.5	-	-	2.3	2.6	-	74
78	-	-	-	-	-	-	-	-	-	2.0	-	-	1.8	-	-	78
82	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	82

80.0 t		9.31 m x 8.30 m						1.1 m + 10.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	14			
16	15.2	11.4	-	-	-	-	-	-	-	8.8	-	-	7.5	-	-	16			
18	14.5	11.0	9.0	12.6	10.6	-	-	10.5	-	8.8	-	-	7.5	-	-	18			
20	13.9	10.6	9.0	12.6	10.3	8.8	11.7	10.2	-	8.8	8.8	-	7.5	-	-	20			
22	13.3	10.3	8.8	12.6	10.0	8.6	11.7	9.9	8.6	8.8	8.8	-	7.5	7.5	-	22			
24	12.8	10.0	8.6	12.2	9.7	8.4	11.7	9.6	8.4	8.8	8.8	8.2	7.5	7.5	-	24			
26	12.3	9.7	8.4	11.8	9.4	8.3	11.7	9.4	8.2	8.8	8.8	8.1	7.5	7.5	7.5	26			
28	11.8	9.4	8.3	11.4	9.2	8.1	11.4	9.2	8.1	8.8	8.8	7.9	7.5	7.5	7.5	28			
30	11.4	9.2	8.1	11.0	8.9	8.0	11.1	8.9	7.9	8.8	8.7	7.8	7.5	7.5	7.5	30			
32	11.0	8.9	8.0	10.7	8.7	7.9	10.7	8.7	7.8	8.8	8.5	7.7	7.5	7.5	7.5	32			
34	10.6	8.7	7.9	10.4	8.5	7.7	10.4	8.5	7.7	8.8	8.3	7.6	7.5	7.5	7.3	34			
36	10.3	8.5	7.8	10.0	8.4	7.6	10.1	8.4	7.6	8.8	8.2	7.5	7.5	7.4	7.0	36			
38	10.0	8.4	7.7	9.5	8.2	7.5	9.7	8.2	7.5	8.6	8.0	7.4	7.5	7.1	6.7	38			
40	9.7	8.2	7.7	9.1	8.0	7.5	9.3	8.0	7.4	8.2	7.8	7.3	7.2	6.8	6.4	40			
42	9.5	8.1	-	8.7	7.9	7.4	8.9	7.9	7.3	7.9	7.5	7.2	6.8	6.5	6.2	42			
44	8.9	7.9	-	8.4	7.8	7.3	8.6	7.8	7.3	7.6	7.2	7.1	6.4	6.2	5.9	44			
46	8.1	7.8	-	8.0	7.7	-	8.2	7.6	7.2	7.3	7.0	6.9	6.1	5.9	5.7	46			
48	7.3	7.7	-	7.7	7.4	-	7.6	7.5	-	7.0	6.7	6.6	5.7	5.6	5.5	48			
50	7.0	7.0	-	7.3	7.2	-	6.9	7.3	-	6.7	6.5	6.4	5.4	5.3	5.3	50			
54	6.3	-	-	6.3	6.6	-	6.2	6.1	-	6.2	6.1	-	4.9	4.8	4.9	54			
58	5.7	-	-	5.5	-	-	5.6	5.6	-	5.2	5.5	-	4.4	4.4	-	58			
62	-	-	-	5.0	-	-	4.7	-	-	4.3	4.5	-	3.8	4.0	-	62			
66	-	-	-	-	-	-	4.0	-	-	3.5	-	-	3.3	3.5	-	66			
70	-	-	-	-	-	-	-	-	-	2.9	-	-	2.7	2.9	-	70			
74	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	74			

80.0 t		9.31 m x 8.30 m						1.1 m + 4.7 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9			
10	23.7	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	10			
11	23.7	23.7	-	17.5	-	-	15.9	-	-	-	-	-	-	-	-	11			
12	23.7	23.7	-	17.5	17.5	-	15.9	-	-	13.1	-	-	-	-	-	12			
14	23.7	23.7	21.8	17.5	17.5	17.5	15.9	15.9	-	13.1	13.1	-	10.8	-	-	14			
16	23.7	23.7	21.4	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	-	16			
18	23.7	23.7	21.0	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	18			
20	22.4	22.4	20.6	17.5	17.2	16.8	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	20			
22	20.6	20.6	20.2	16.8	16.1	15.8	15.9	15.9	15.8	13.1	13.1	13.1	10.8	10.8	10.8	22			
24	19.0	19.0	19.1	15.9	15.2	14.9	15.9	15.3	15.0	13.1	13.1	13.1	10.8	10.8	10.8	24			
26	17.5	17.6	17.7	14.9	14.4	14.1	15.1	14.5	14.3	13.1	12.9	12.7	10.8	10.8	10.8	26			
28	16.2	16.3	16.4	14.1	13.7	13.4	14.4	13.8	13.6	12.6	12.2	12.1	10.8	10.8	10.8	28			
30	15.1	15.2	15.3	13.4	13.0	12.8	13.6	13.2	12.9	12.0	11.7	11.5	10.8	10.7	10.6	30			
32	14.1	14.1	14.2	12.7	12.3	12.2	13.0	12.6	12.4	11.4	11.1	11.0	10.4	10.1	10.0	32			
34	13.1	13.2	13.3	12.0	11.8	11.6	12.1	12.0	11.8	10.9	10.6	10.5	9.7	9.5	9.4	34			
36	12.2	12.3	-	11.3	11.2	11.1	11.4	11.5	11.3	10.4	10.2	10.0	9.1	8.9	8.9	36			
38	11.3	11.5	-	10.7	10.6	10.7	10.7	10.7	10.8	10.0	9.7	9.6	8.6	8.5	8.4	38			
40	10.1	10.4	-	10.1	10.1	-	10.0	10.1	10.2	9.5	9.3	9.2	8.1	8.0	8.0	40			
42	9.2	9.3	-	9.6	9.5	-	9.4	9.5	-	9.1	9.0	8.9	7.7	7.6	7.6	42			
44	8.6	8.6	-	9.1	9.1	-	8.8	8.9	-	8.7	8.6	8.6	7.3	7.2	7.2	44			
46	8.1	8.1	-	8.6	8.6	-	8.2	8.2	-	8.2	8.3	-	6.8	6.8	6.8	46			
48	7.7	-	-	7.8	7.9	-	7.8	7.8	-	7.6	7.8	-	6.4	6.5	6.5	48			
50	7.3	-	-	7.1	7.2	-	7.4	7.4	-	6.9	7.1	-	6.0	6.1	-	50			
54	-	-	-	6.3	-	-	6.3	6.4	-	5.7	5.9	-	5.2	5.3	-	54			
58	-	-	-	-	-	-	5.3	-	-	4.7	4.8	-	4.6	4.7	-	58			
62	-	-	-	-	-	-	-	-	-	3.9	-	-	3.8	3.9	-	62			
66	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	66			
70	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	70			

油圧チルトジブ

49.6 t			9.31 m x 8.30 m			1.1 m + 34.9 m			360°							
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	3.8	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	16
18	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	-	-	-	18
20	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	20
22	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	22
24	3.7	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	24
26	3.6	-	-	3.4	-	-	3.3	-	-	2.9	-	-	2.4	-	-	26
28	3.5	2.7	-	3.3	-	-	3.2	-	-	2.9	-	-	2.4	-	-	28
30	3.4	2.7	-	3.2	2.5	-	3.1	-	-	2.9	-	-	2.4	-	-	30
32	3.2	2.6	-	3.1	2.5	-	3.0	2.4	-	2.9	2.3	-	2.4	-	-	32
34	3.1	2.5	-	3.0	2.4	-	3.0	2.4	-	2.8	2.3	-	2.4	2.2	-	34
36	3.0	2.4	-	2.9	2.3	-	2.9	2.3	-	2.7	2.2	-	2.4	2.1	-	36
38	2.9	2.4	2.0	2.8	2.3	-	2.8	2.2	-	2.7	2.2	-	2.4	2.1	-	38
40	2.9	2.3	1.9	2.7	2.2	1.9	2.7	2.2	1.9	2.6	2.1	-	2.4	2.0	-	40
42	2.8	2.2	1.9	2.7	2.2	1.9	2.7	2.1	1.9	2.5	2.1	1.9	2.4	2.0	-	42
44	2.7	2.2	1.8	2.6	2.1	1.8	2.6	2.1	1.8	2.5	2.0	1.8	2.4	1.9	1.8	44
46	2.6	2.1	1.8	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	46
48	2.5	2.1	1.7	2.5	2.0	1.7	2.5	2.0	1.7	2.4	1.9	1.7	2.3	1.9	1.7	48
50	2.5	2.0	1.7	2.4	2.0	1.7	2.4	1.9	1.7	2.3	1.9	1.7	2.2	1.8	1.7	50
54	2.3	1.9	1.6	2.3	1.9	1.6	2.3	1.9	1.6	2.2	1.8	1.6	2.1	1.8	1.6	54
58	2.2	1.8	1.5	2.2	1.8	1.5	2.2	1.8	1.5	2.1	1.7	1.5	2.0	1.7	1.6	58
62	2.0	1.7	1.4	2.1	1.7	1.5	2.0	1.7	1.5	1.7	1.7	1.5	1.5	1.6	1.5	62
66	1.9	1.6	1.4	1.9	1.6	1.4	1.6	1.7	1.4	1.1	1.6	1.4	-	1.6	1.4	66
70	1.7	1.5	-	1.5	1.5	1.4	1.1	1.6	1.4	-	1.4	1.4	-	1.2	1.4	70
74	1.5	1.4	-	1.1	1.4	-	-	1.2	1.3	-	-	1.3	-	-	1.2	74
78	1.1	1.3	-	-	1.1	-	-	-	-	-	-	-	-	-	-	78

49.6 t			9.31 m x 8.30 m			1.1 m + 28.9 m			360°							
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	5.2	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	14
16	5.2	-	-	4.6	-	-	4.3	-	-	-	-	-	-	-	-	16
18	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	-	-	-	18
20	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	20
22	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	22
24	5.2	3.9	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	24
26	5.1	4.0	-	4.6	3.9	-	4.3	-	-	3.8	-	-	3.4	-	-	26
28	4.9	3.9	-	4.6	3.7	-	4.3	3.7	-	3.8	-	-	3.4	-	-	28
30	4.7	3.8	-	4.5	3.6	-	4.3	3.6	-	3.8	3.5	-	3.4	-	-	30
32	4.6	3.7	3.0	4.4	3.6	-	4.3	3.5	-	3.8	3.4	-	3.4	3.2	-	32
34	4.5	3.5	2.9	4.3	3.5	2.9	4.2	3.4	-	3.8	3.3	-	3.4	3.2	-	34
36	4.3	3.4	2.8	4.1	3.4	2.8	4.1	3.4	2.8	3.8	3.2	2.8	3.4	3.1	-	36
38	4.2	3.3	2.7	4.0	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.4	3.0	-	38
40	4.1	3.2	2.6	3.9	3.2	2.7	3.9	3.2	2.7	3.7	3.1	2.7	3.4	3.0	2.7	40
42	4.0	3.2	2.6	3.8	3.1	2.6	3.8	3.1	2.6	3.7	3.0	2.6	3.4	2.9	2.6	42
44	3.8	3.1	2.5	3.7	3.0	2.5	3.7	3.0	2.5	3.6	3.0	2.6	3.4	2.9	2.6	44
46	3.7	3.0	2.5	3.6	3.0	2.5	3.6	3.0	2.5	3.5	2.9	2.5	3.4	2.8	2.5	46
48	3.6	2.9	2.4	3.5	2.9	2.4	3.5	2.9	2.4	3.4	2.8	2.4	3.3	2.8	2.5	48
50	3.5	2.8	2.3	3.5	2.8	2.4	3.5	2.8	2.4	3.4	2.8	2.4	3.2	2.7	2.4	50
54	3.2	2.6	2.2	3.3	2.7	2.3	3.2	2.7	2.3	3.1	2.7	2.3	2.9	2.6	2.3	54
58	3.0	2.5	2.2	3.1	2.5	2.2	2.8	2.6	2.2	2.3	2.6	2.2	2.1	2.4	2.2	58
62	2.7	2.3	-	2.6	2.4	2.1	2.2	2.4	2.2	1.6	2.4	2.2	1.4	2.3	2.1	62
66	2.4	2.2	-	2.0	2.3	-	1.6	2.2	2.1	1.1	1.7	2.1	-	1.6	2.0	66
70	1.9	2.1	-	1.5	1.9	-	1.1	1.6	-	-	1.1	1.5	-	1.0	1.5	70
74	1.5	-	-	1.1	1.4	-	-	1.0	-	-	-	-	-	-	-	74

49.6 t		9.31 m x 8.30 m						1.1 m + 22.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
11	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11		
12	7.1	-	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	12		
14	7.1	-	-	-	6.1	-	-	5.7	-	-	5.0	-	-	-	-	-	14		
16	7.1	-	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	16		
18	7.1	-	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	18		
20	7.1	6.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	20		
22	7.1	6.0	-	-	6.1	5.8	-	5.7	-	-	5.0	-	-	4.4	-	-	22		
24	7.1	5.8	-	-	6.1	5.6	-	5.7	5.6	-	5.0	5.0	-	4.4	-	-	24		
26	7.1	5.6	-	-	6.1	5.5	-	5.7	5.4	-	5.0	5.0	-	4.4	4.4	-	26		
28	7.0	5.4	4.3	-	6.1	5.3	4.3	5.7	5.3	-	5.0	5.0	-	4.4	4.4	-	28		
30	6.8	5.3	4.1	-	6.1	5.1	4.1	5.7	5.1	4.1	5.0	5.0	-	4.4	4.4	-	30		
32	6.5	5.1	4.0	-	6.1	5.0	4.0	5.7	5.0	4.0	5.0	4.9	4.0	4.4	4.4	-	32		
34	6.3	5.0	3.9	-	6.1	4.9	3.9	5.7	4.9	3.9	5.0	4.7	3.9	4.4	4.4	4.0	34		
36	6.1	4.8	3.8	-	5.9	4.7	3.8	5.7	4.7	3.9	5.0	4.6	3.9	4.4	4.4	3.9	36		
38	5.9	4.6	3.7	-	5.7	4.6	3.7	5.7	4.6	3.8	5.0	4.5	3.8	4.4	4.4	3.8	38		
40	5.7	4.4	3.6	-	5.6	4.5	3.7	5.6	4.5	3.7	5.0	4.4	3.7	4.4	4.3	3.7	40		
42	5.5	4.3	3.5	-	5.4	4.4	3.6	5.4	4.4	3.6	5.0	4.3	3.6	4.4	4.2	3.6	42		
44	5.2	4.1	3.5	-	5.3	4.2	3.5	5.3	4.3	3.5	5.0	4.2	3.6	4.4	4.0	3.5	44		
46	5.1	4.0	3.4	-	5.1	4.1	3.4	5.0	4.2	3.5	4.9	4.1	3.5	4.4	3.9	3.4	46		
48	4.9	3.9	3.3	-	4.9	4.0	3.4	4.9	4.1	3.4	4.4	4.1	3.4	4.2	3.7	3.3	48		
50	4.7	3.8	3.3	-	4.7	3.8	3.3	4.4	3.9	3.4	3.9	4.0	3.4	3.7	3.6	3.2	50		
54	4.2	3.5	3.2	-	3.9	3.6	3.2	3.5	3.7	3.3	3.0	3.7	3.3	2.8	3.4	3.1	54		
58	3.6	3.4	-	-	3.2	3.4	3.1	2.7	3.3	3.2	2.2	2.9	3.2	2.0	2.7	2.9	58		
62	3.0	3.2	-	-	2.5	2.9	-	2.1	2.6	-	1.5	2.1	2.5	1.4	2.0	2.5	62		
66	2.4	2.6	-	-	1.9	2.3	-	1.5	1.9	-	1.0	1.5	-	-	1.3	1.7	66		
70	1.9	-	-	-	1.4	1.7	-	1.0	1.3	-	-	-	-	-	-	-	70		
74	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	74		

49.6 t		9.31 m x 8.30 m						1.1 m + 16.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
10	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
11	8.8	-	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	11		
12	8.8	-	-	-	8.2	-	-	7.7	-	-	-	-	-	-	-	-	12		
14	8.8	-	-	-	8.2	-	-	7.7	-	-	6.6	-	-	-	-	-	14		
16	8.8	-	-	-	8.2	-	-	7.7	-	-	6.6	-	-	5.7	-	-	16		
18	11.0	9.5	-	-	8.2	8.2	-	7.7	-	-	6.6	-	-	5.7	-	-	18		
20	11.0	9.2	-	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	-	-	20		
22	11.0	8.7	6.5	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	22		
24	11.0	8.4	6.3	-	8.2	8.2	6.3	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	24		
26	10.6	8.0	6.1	-	8.2	8.1	6.2	7.7	7.7	6.2	6.6	6.6	-	5.7	5.7	-	26		
28	10.2	7.7	6.0	-	8.2	7.8	6.0	7.7	7.7	6.0	6.6	6.6	6.0	5.7	5.7	5.7	28		
30	9.9	7.3	5.8	-	8.2	7.5	5.9	7.7	7.6	5.9	6.6	6.6	5.9	5.7	5.7	5.7	30		
32	9.5	7.1	5.7	-	8.2	7.2	5.7	7.7	7.4	5.7	6.6	6.6	5.8	5.7	5.7	5.5	32		
34	9.0	6.8	5.5	-	8.2	7.0	5.6	7.7	7.1	5.6	6.6	6.6	5.6	5.7	5.7	5.3	34		
36	8.4	6.5	5.4	-	8.2	6.7	5.5	7.7	6.9	5.5	6.6	6.6	5.5	5.7	5.7	5.2	36		
38	8.0	6.3	5.3	-	8.0	6.5	5.3	7.4	6.6	5.4	6.6	6.6	5.4	5.7	5.7	5.0	38		
40	7.6	6.1	5.2	-	7.2	6.3	5.2	7.0	6.4	5.3	6.6	6.4	5.3	5.7	5.5	4.9	40		
42	6.9	5.9	5.1	-	6.6	6.1	5.1	6.6	6.2	5.2	6.1	6.2	5.2	5.7	5.3	4.7	42		
44	6.2	5.7	5.0	-	6.3	5.9	5.1	5.9	6.0	5.1	5.4	6.0	5.2	5.2	5.1	4.6	44		
46	5.9	5.5	4.9	-	5.8	5.7	5.0	5.3	5.8	5.0	4.8	5.5	5.1	4.6	4.9	4.5	46		
48	5.6	5.4	4.8	-	5.2	5.5	4.9	4.8	5.4	5.0	4.2	4.9	5.0	4.1	4.7	4.3	48		
50	5.2	5.2	-	-	4.7	5.2	4.8	4.3	4.8	4.9	3.7	4.4	4.9	3.6	4.3	4.2	50		
54	4.2	4.6	-	-	3.8	4.2	-	3.4	3.9	4.2	2.8	3.4	3.8	2.7	3.3	3.7	54		
58	3.5	3.8	-	-	3.0	3.4	-	2.6	3.0	-	2.1	2.5	2.9	1.9	2.4	2.8	58		
62	2.8	-	-	-	2.4	2.7	-	1.9	2.3	-	1.4	1.8	-	1.2	1.7	2.0	62		
66	-	-	-	-	1.8	-	-	1.4	1.6	-	-	1.2	-	-	1.1	-	66		

油圧チルトジブ

49.6 t		9.31 m x 8.30 m						1.1 m + 10.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	14			
16	15.2	11.4	-	-	-	-	-	-	-	8.8	-	-	-	7.5	-	16			
18	14.5	11.0	9.0	12.6	10.6	-	-	10.5	-	8.8	-	-	7.5	-	-	18			
20	13.9	10.6	9.0	12.6	10.3	8.8	11.7	10.2	-	8.8	8.8	-	7.5	-	-	20			
22	13.3	10.3	8.8	12.6	10.0	8.6	11.7	9.9	8.6	8.8	8.8	-	7.5	7.5	-	22			
24	12.8	10.0	8.6	12.2	9.7	8.4	11.7	9.6	8.4	8.8	8.8	8.2	7.5	7.5	-	24			
26	12.3	9.7	8.4	11.8	9.4	8.3	11.7	9.4	8.2	8.8	8.8	8.1	7.5	7.5	7.5	26			
28	11.8	9.4	8.3	11.4	9.2	8.1	11.4	9.2	8.1	8.8	8.8	7.9	7.5	7.5	7.5	28			
30	11.2	9.2	8.1	11.0	8.9	8.0	11.1	8.9	7.9	8.8	8.7	7.8	7.5	7.5	7.5	30			
32	10.6	8.9	8.0	10.7	8.7	7.9	10.2	8.7	7.8	8.8	8.5	7.7	7.5	7.5	7.5	32			
34	10.0	8.7	7.9	9.6	8.5	7.7	9.4	8.5	7.7	8.8	8.3	7.6	7.5	7.5	7.3	34			
36	9.0	8.3	7.8	8.7	8.4	7.6	8.8	8.4	7.6	8.4	8.2	7.5	7.5	7.4	7.0	36			
38	8.1	8.2	7.7	8.3	8.2	7.5	7.8	8.0	7.5	7.5	8.0	7.4	7.3	7.1	6.7	38			
40	7.7	7.7	7.5	7.5	7.6	7.5	7.0	7.6	7.3	6.6	7.2	7.3	6.5	6.8	6.4	40			
42	7.2	7.1	-	6.7	7.2	7.2	6.3	6.8	7.1	5.9	6.4	6.9	5.7	6.3	6.2	42			
44	6.5	6.8	-	6.0	6.5	6.8	5.6	6.1	6.4	5.2	5.7	6.1	5.1	5.6	5.9	44			
46	5.9	6.2	-	5.4	5.8	-	5.0	5.4	5.7	4.6	5.1	5.4	4.5	5.0	5.4	46			
48	5.3	5.6	-	4.9	5.2	-	4.4	4.8	-	4.0	4.5	4.8	3.9	4.4	4.7	48			
50	4.8	5.1	-	4.4	4.7	-	3.9	4.3	-	3.5	3.9	4.2	3.4	3.8	4.2	50			
54	4.0	-	-	3.5	3.8	-	3.0	3.3	-	2.6	3.0	-	2.5	2.9	3.1	54			
58	3.3	-	-	2.8	-	-	2.3	2.5	-	1.9	2.2	-	1.7	2.1	-	58			
62	-	-	-	2.2	-	-	1.7	-	-	1.2	1.5	-	1.1	1.4	-	62			
66	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	66			

49.6 t		9.31 m x 8.30 m						1.1 m + 4.7 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9			
10	23.7	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	10			
11	23.7	23.7	-	17.5	-	-	15.9	-	-	-	-	-	-	-	-	11			
12	23.7	23.7	-	17.5	17.5	-	15.9	-	-	13.1	-	-	-	-	-	12			
14	23.7	23.7	21.8	17.5	17.5	17.5	15.9	15.9	-	13.1	13.1	-	10.8	-	-	14			
16	23.7	23.7	21.4	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	-	16			
18	23.7	23.7	21.0	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	18			
20	21.2	21.9	20.6	17.5	17.2	16.8	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	20			
22	18.5	19.1	19.6	16.8	16.1	15.8	15.9	15.9	15.8	13.1	13.1	13.1	10.8	10.8	10.8	22			
24	16.2	16.8	17.2	15.9	15.2	14.9	15.9	15.3	15.0	13.1	13.1	13.1	10.8	10.8	10.8	24			
26	14.7	14.6	15.0	14.9	14.4	14.1	14.3	14.5	14.3	13.1	12.9	12.7	10.8	10.8	10.8	26			
28	13.8	13.4	13.2	13.5	13.7	13.4	12.7	13.1	13.5	12.6	12.2	12.1	10.8	10.8	10.8	28			
30	12.2	12.5	12.5	11.8	12.2	12.4	11.8	11.6	11.9	11.5	11.7	11.5	10.8	10.7	10.6	30			
32	10.8	11.1	11.3	11.0	10.8	11.0	10.8	11.0	10.8	10.2	10.6	10.8	10.0	10.1	10.0	32			
34	10.1	9.9	10.0	10.0	10.2	10.1	9.6	9.9	10.1	9.0	9.3	9.6	8.9	9.2	9.4	34			
36	9.4	9.4	-	9.0	9.2	9.3	8.5	8.8	8.9	8.0	8.2	8.4	7.9	8.2	8.4	36			
38	8.5	8.6	-	8.0	8.2	8.4	7.6	7.8	8.0	7.0	7.3	7.4	6.9	7.2	7.4	38			
40	7.6	7.8	-	7.2	7.4	-	6.7	6.9	7.1	6.2	6.4	6.6	6.1	6.3	6.5	40			
42	6.9	7.0	-	6.4	6.6	-	6.0	6.2	-	5.4	5.6	5.8	5.3	5.6	5.7	42			
44	6.2	6.3	-	5.7	5.9	-	5.3	5.5	-	4.7	4.9	5.1	4.7	4.9	5.0	44			
46	5.6	5.7	-	5.1	5.3	-	4.7	4.8	-	4.1	4.3	-	4.1	4.3	4.4	46			
48	5.0	-	-	4.6	4.7	-	4.1	4.3	-	3.6	3.7	-	3.5	3.7	3.8	48			
50	4.5	-	-	4.1	4.2	-	3.6	3.7	-	3.1	3.2	-	3.0	3.2	-	50			
54	-	-	-	3.2	-	-	2.7	2.8	-	2.2	2.3	-	2.1	2.2	-	54			
58	-	-	-	-	-	-	2.0	-	-	1.4	1.5	-	1.4	1.5	-	58			

35.5 t		9.31 m x 8.30 m						1.1 m + 34.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	3.8	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	16		
18	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	-	-	-	18		
20	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	20		
22	3.8	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	22		
24	3.7	-	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	24		
26	3.6	-	-	-	3.4	-	-	3.3	-	-	2.9	-	-	2.4	-	-	26		
28	3.5	2.7	-	-	3.3	-	-	3.2	-	-	2.9	-	-	2.4	-	-	28		
30	3.4	2.7	-	-	3.2	2.5	-	3.1	-	-	2.9	-	-	2.4	-	-	30		
32	3.2	2.6	-	-	3.1	2.5	-	3.0	2.4	-	2.9	2.3	-	2.4	-	-	32		
34	3.1	2.5	-	-	3.0	2.4	-	3.0	2.4	-	2.8	2.3	-	2.4	2.2	-	34		
36	3.0	2.4	-	-	2.9	2.3	-	2.9	2.3	-	2.7	2.2	-	2.4	2.1	-	36		
38	2.9	2.4	2.0	-	2.8	2.3	-	2.8	2.2	-	2.7	2.2	-	2.4	2.1	-	38		
40	2.9	2.3	1.9	-	2.7	2.2	1.9	2.7	2.2	1.9	2.6	2.1	-	2.4	2.0	-	40		
42	2.8	2.2	1.9	-	2.7	2.2	1.9	2.7	2.1	1.9	2.5	2.1	1.9	2.4	2.0	-	42		
44	2.7	2.2	1.8	-	2.6	2.1	1.8	2.6	2.1	1.8	2.5	2.0	1.8	2.4	1.9	1.8	44		
46	2.6	2.1	1.8	-	2.5	2.1	1.8	2.5	2.0	1.8	2.4	2.0	1.8	2.3	1.9	1.7	46		
48	2.5	2.1	1.7	-	2.5	2.0	1.7	2.4	2.0	1.7	2.4	1.9	1.7	2.1	1.9	1.7	48		
50	2.4	2.0	1.7	-	2.4	2.0	1.7	2.3	1.9	1.7	2.0	1.9	1.7	1.7	1.8	1.7	50		
54	2.3	1.9	1.6	-	2.2	1.9	1.6	1.9	1.9	1.6	1.3	1.8	1.6	1.0	1.8	1.6	54		
58	2.1	1.8	1.5	-	1.7	1.8	1.5	1.2	1.7	1.5	-	1.7	1.5	-	1.5	1.6	58		
62	1.5	1.7	1.4	-	1.1	1.7	1.5	-	1.5	1.5	-	1.1	1.5	-	-	1.5	62		
66	1.1	1.6	1.4	-	-	1.3	1.4	-	1.0	1.4	-	-	1.2	-	-	1.0	66		
70	-	1.1	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	70		

35.5 t		9.31 m x 8.30 m						1.1 m + 28.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	5.2	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	14		
16	5.2	-	-	-	4.6	-	-	4.3	-	-	-	-	-	-	-	-	16		
18	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	-	-	-	18		
20	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	20		
22	5.2	-	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	22		
24	5.2	3.9	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	24		
26	5.1	4.0	-	-	4.6	3.9	-	4.3	-	-	3.8	-	-	3.4	-	-	26		
28	4.9	3.9	-	-	4.6	3.7	-	4.3	3.7	-	3.8	-	-	3.4	-	-	28		
30	4.7	3.8	-	-	4.5	3.6	-	4.3	3.6	-	3.8	3.5	-	3.4	-	-	30		
32	4.6	3.7	3.0	-	4.4	3.6	-	4.3	3.5	-	3.8	3.4	-	3.4	3.2	-	32		
34	4.5	3.5	2.9	-	4.3	3.5	2.9	4.2	3.4	-	3.8	3.3	-	3.4	3.2	-	34		
36	4.3	3.4	2.8	-	4.1	3.4	2.8	4.1	3.4	2.8	3.8	3.2	2.8	3.4	3.1	-	36		
38	4.2	3.3	2.7	-	4.0	3.3	2.7	4.0	3.3	2.7	3.8	3.2	2.7	3.4	3.0	-	38		
40	4.1	3.2	2.6	-	3.9	3.2	2.7	3.9	3.2	2.7	3.7	3.1	2.7	3.4	3.0	2.7	40		
42	3.9	3.2	2.6	-	3.8	3.1	2.6	3.8	3.1	2.6	3.7	3.0	2.6	3.4	2.9	2.6	42		
44	3.7	3.1	2.5	-	3.7	3.0	2.5	3.6	3.0	2.5	3.3	3.0	2.6	3.0	2.9	2.6	44		
46	3.6	3.0	2.5	-	3.5	3.0	2.5	3.5	3.0	2.5	2.9	2.9	2.5	2.5	2.8	2.5	46		
48	3.5	2.9	2.4	-	3.5	2.9	2.4	3.0	2.9	2.4	2.4	2.8	2.4	2.1	2.8	2.5	48		
50	3.4	2.8	2.3	-	3.1	2.8	2.4	2.6	2.8	2.4	2.0	2.8	2.4	1.7	2.7	2.4	50		
54	2.7	2.6	2.2	-	2.3	2.7	2.3	1.8	2.7	2.3	1.3	2.3	2.3	1.0	2.0	2.3	54		
58	2.1	2.4	2.2	-	1.6	2.3	2.2	1.2	2.0	2.2	-	1.6	2.2	-	1.3	2.1	58		
62	1.5	2.0	-	-	1.1	1.7	2.1	-	1.3	1.8	-	-	1.5	-	-	1.3	62		
66	1.0	1.5	-	-	-	1.1	-	-	-	1.2	-	-	-	-	-	-	66		

油圧チルトジブ

35.5 t		9.31 m x 8.30 m						1.1 m + 22.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t				
11	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11			
12	7.1	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	12			
14	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	-	-	-	14			
16	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	16			
18	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	18			
20	7.1	6.1	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	20			
22	7.1	6.0	-	6.1	5.8	-	5.7	-	-	5.0	-	-	4.4	-	-	22			
24	7.1	5.8	-	6.1	5.6	-	5.7	5.6	-	5.0	5.0	-	4.4	-	-	24			
26	7.1	5.6	-	6.1	5.5	-	5.7	5.4	-	5.0	5.0	-	4.4	4.4	-	26			
28	7.0	5.4	4.3	6.1	5.3	4.3	5.7	5.3	-	5.0	5.0	-	4.4	4.4	-	28			
30	6.8	5.3	4.1	6.1	5.1	4.1	5.7	5.1	4.1	5.0	5.0	-	4.4	4.4	-	30			
32	6.5	5.1	4.0	6.1	5.0	4.0	5.7	5.0	4.0	5.0	4.9	4.0	4.4	4.4	-	32			
34	6.3	5.0	3.9	6.1	4.9	3.9	5.7	4.9	3.9	5.0	4.7	3.9	4.4	4.4	4.0	34			
36	5.9	4.8	3.8	5.9	4.7	3.8	5.6	4.7	3.9	5.0	4.6	3.9	4.4	4.4	3.9	36			
38	5.7	4.6	3.7	5.7	4.6	3.7	5.3	4.6	3.8	5.0	4.5	3.8	4.4	4.4	3.8	38			
40	5.5	4.4	3.6	5.4	4.5	3.7	5.1	4.5	3.7	4.4	4.4	3.7	4.0	4.3	3.7	40			
42	5.2	4.3	3.5	5.0	4.4	3.6	4.5	4.4	3.6	3.8	4.3	3.6	3.5	4.2	3.6	42			
44	4.9	4.1	3.5	4.4	4.2	3.5	3.9	4.3	3.5	3.3	4.2	3.6	3.0	4.0	3.5	44			
46	4.3	4.0	3.4	3.9	4.1	3.4	3.4	4.1	3.5	2.8	3.8	3.5	2.5	3.6	3.4	46			
48	3.8	3.9	3.3	3.4	3.9	3.4	2.9	3.8	3.4	2.4	3.3	3.4	2.1	3.1	3.3	48			
50	3.4	3.7	3.3	3.0	3.7	3.3	2.5	3.3	3.4	2.0	2.9	3.4	1.7	2.6	3.2	50			
54	2.6	3.2	3.2	2.2	2.8	3.2	1.7	2.4	3.0	1.2	2.0	2.6	1.0	1.8	2.5	54			
58	2.0	2.4	-	1.5	2.1	2.4	1.1	1.7	2.1	-	1.3	1.8	-	1.1	1.7	58			
62	1.4	1.8	-	1.0	1.4	-	-	1.1	-	-	-	1.0	-	-	-	62			
66	1.0	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	66			

35.5 t		9.31 m x 8.30 m						1.1 m + 16.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t				
10	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
11	8.8	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	11			
12	8.8	-	-	8.2	-	-	7.7	-	-	-	-	-	-	-	-	12			
14	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	-	-	-	14			
16	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	5.7	-	-	16			
18	11.0	9.5	-	8.2	8.2	-	7.7	-	-	6.6	-	-	5.7	-	-	18			
20	11.0	9.2	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	-	-	20			
22	11.0	8.7	6.5	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	22			
24	11.0	8.4	6.3	8.2	8.2	6.3	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	24			
26	10.6	8.0	6.1	8.2	8.1	6.2	7.7	7.7	6.2	6.6	6.6	-	5.7	5.7	-	26			
28	9.4	7.7	6.0	8.2	7.8	6.0	7.7	7.7	6.0	6.6	6.6	6.0	5.7	5.7	5.7	28			
30	8.8	7.3	5.8	8.2	7.5	5.9	7.7	7.6	5.9	6.6	6.6	5.9	5.7	5.7	5.7	30			
32	8.8	7.1	5.7	8.0	7.2	5.7	7.2	7.4	5.7	6.6	6.6	5.8	5.7	5.7	5.5	32			
34	7.8	6.8	5.5	7.5	7.0	5.6	7.1	7.1	5.6	6.5	6.6	5.6	5.7	5.7	5.3	34			
36	7.4	6.5	5.4	7.0	6.7	5.5	6.5	6.9	5.5	5.7	6.6	5.5	5.3	5.7	5.2	36			
38	6.7	6.3	5.3	6.2	6.5	5.3	5.7	6.6	5.4	5.0	6.0	5.4	4.6	5.7	5.0	38			
40	5.9	6.1	5.2	5.5	6.2	5.2	5.0	5.9	5.3	4.4	5.3	5.3	4.0	5.0	4.9	40			
42	5.3	5.9	5.1	4.8	5.6	5.1	4.4	5.2	5.2	3.8	4.6	5.2	3.5	4.4	4.7	42			
44	4.7	5.3	5.0	4.2	4.9	5.0	3.8	4.5	5.1	3.2	4.1	4.7	2.9	3.8	4.5	44			
46	4.2	4.7	4.9	3.7	4.3	4.8	3.3	4.0	4.5	2.7	3.5	4.1	2.5	3.3	3.9	46			
48	3.7	4.2	4.6	3.2	3.8	4.2	2.8	3.4	3.9	2.3	3.0	3.5	2.0	2.8	3.3	48			
50	3.3	3.7	-	2.8	3.3	3.7	2.4	2.9	3.4	1.8	2.5	3.0	1.6	2.3	2.9	50			
54	2.5	2.9	-	2.1	2.5	-	1.6	2.1	2.4	1.1	1.6	2.0	-	1.5	2.0	54			
58	1.9	2.1	-	1.4	1.8	-	1.0	1.4	-	-	-	1.2	-	-	1.2	58			
62	1.3	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	62			

35.5 t		9.31 m x 8.30 m						1.1 m + 10.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	14			
16	15.2	11.4	-	-	-	-	-	-	-	8.8	-	-	7.5	-	-	16			
18	14.5	11.0	9.0	12.6	10.6	-	-	10.5	-	8.8	-	-	7.5	-	-	18			
20	13.9	10.6	9.0	12.6	10.3	8.8	11.7	10.2	-	8.8	8.8	-	7.5	-	-	20			
22	13.3	10.3	8.8	12.6	10.0	8.6	11.7	9.9	8.6	8.8	8.8	-	7.5	7.5	-	22			
24	12.2	10.0	8.6	12.2	9.7	8.4	11.7	9.6	8.4	8.8	8.8	8.2	7.5	7.5	-	24			
26	11.8	9.7	8.4	11.4	9.4	8.3	10.6	9.4	8.2	8.8	8.8	8.1	7.5	7.5	7.5	26			
28	10.8	9.4	8.3	10.8	9.2	8.1	10.2	9.2	8.1	8.8	8.8	7.9	7.5	7.5	7.5	28			
30	10.0	8.9	8.1	9.7	8.9	8.0	9.0	8.9	7.9	8.3	8.7	7.8	7.5	7.5	7.5	30			
32	9.0	8.7	8.0	8.6	8.6	7.9	8.0	8.5	7.8	7.3	8.1	7.7	6.9	7.5	7.5	32			
34	8.0	8.4	7.8	7.5	8.2	7.7	7.0	7.8	7.6	6.4	7.2	7.6	6.1	6.8	7.3	34			
36	7.1	7.6	7.6	6.6	7.2	7.5	6.1	6.8	7.3	5.6	6.3	6.9	5.3	6.0	6.6	36			
38	6.3	6.8	7.2	5.8	6.4	6.8	5.3	5.9	6.4	4.9	5.5	6.1	4.6	5.3	5.8	38			
40	5.6	6.0	6.3	5.1	5.6	6.0	4.6	5.2	5.6	4.2	4.9	5.3	4.0	4.6	5.1	40			
42	4.9	5.3	-	4.5	4.9	5.3	4.0	4.5	4.9	3.6	4.2	4.6	3.4	4.0	4.4	42			
44	4.4	4.7	-	3.9	4.3	4.6	3.4	3.9	4.2	3.0	3.6	3.9	2.9	3.4	3.8	44			
46	3.8	4.2	-	3.4	3.8	-	2.9	3.3	3.6	2.5	3.0	3.3	2.4	2.9	3.3	46			
48	3.4	3.7	-	2.9	3.3	-	2.4	2.8	-	2.0	2.5	2.8	1.9	2.4	2.7	48			
50	3.0	3.2	-	2.5	2.8	-	2.0	2.4	-	1.6	2.0	2.3	1.5	1.9	2.3	50			
54	2.2	-	-	1.7	2.0	-	1.3	1.6	-	-	1.2	-	-	1.1	1.4	54			
58	1.6	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	58			

35.5 t		9.31 m x 8.30 m						1.1 m + 4.7 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9			
10	23.7	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	10			
11	23.7	23.7	-	17.5	-	-	15.9	-	-	-	-	-	-	-	-	11			
12	23.7	23.7	-	17.5	17.5	-	15.9	-	-	13.1	-	-	-	-	-	12			
14	23.7	23.7	21.8	17.5	17.5	17.5	15.9	15.9	-	13.1	13.1	-	10.8	-	-	14			
16	22.4	23.3	21.4	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	-	16			
18	19.1	19.7	20.4	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	18			
20	17.8	17.1	17.4	17.2	17.2	16.8	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	10.8	20			
22	15.8	16.0	15.7	14.9	15.5	15.8	14.4	14.5	15.0	13.1	13.1	13.1	10.8	10.8	10.8	22			
24	13.8	14.3	14.6	13.8	13.5	13.9	13.2	13.5	13.3	12.3	12.8	13.1	10.8	10.8	10.8	24			
26	12.8	12.4	12.7	12.4	12.6	12.5	11.6	12.0	12.4	10.7	11.2	11.5	10.3	10.7	10.8	26			
28	11.3	11.7	11.6	10.9	11.2	11.5	10.2	10.6	10.9	9.3	9.8	10.1	9.0	9.4	9.7	28			
30	9.9	10.2	10.4	9.5	9.8	10.0	9.0	9.3	9.6	8.2	8.5	8.8	7.8	8.2	8.5	30			
32	8.8	9.0	9.2	8.3	8.6	8.8	7.8	8.1	8.4	7.1	7.5	7.7	6.8	7.2	7.4	32			
34	7.7	7.9	8.1	7.2	7.5	7.7	6.8	7.1	7.3	6.2	6.5	6.7	5.9	6.2	6.5	34			
36	6.8	7.0	-	6.3	6.6	6.7	5.9	6.1	6.3	5.3	5.6	5.8	5.1	5.4	5.6	36			
38	6.0	6.1	-	5.5	5.7	5.8	5.0	5.3	5.4	4.5	4.8	4.9	4.4	4.7	4.9	38			
40	5.2	5.4	-	4.8	5.0	-	4.3	4.6	4.7	3.8	4.0	4.2	3.7	3.9	4.1	40			
42	4.6	4.7	-	4.1	4.3	-	3.7	3.9	-	3.1	3.4	3.5	3.1	3.3	3.4	42			
44	4.0	4.1	-	3.6	3.7	-	3.1	3.3	-	2.6	2.8	2.9	2.5	2.7	2.8	44			
46	3.5	3.6	-	3.1	3.2	-	2.6	2.8	-	2.0	2.2	-	2.0	2.2	2.3	46			
48	3.0	-	-	2.6	2.7	-	2.1	2.3	-	1.6	1.7	-	1.5	1.7	1.8	48			
50	2.6	-	-	2.2	2.3	-	1.7	1.8	-	1.2	1.3	-	1.1	1.2	-	50			
54	-	-	-	1.4	-	-	1.0	1.1	-	-	-	-	-	-	-	54			

油圧チルトジブ

25.5 t		9.31 m x 8.30 m						1.1 m + 34.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	3.8	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	16
18	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	-	-	-	18
20	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	20
22	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	22
24	3.7	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	24
26	3.6	-	-	3.4	-	-	3.3	-	-	2.9	-	-	2.4	-	-	26
28	3.5	2.7	-	3.3	-	-	3.2	-	-	2.9	-	-	2.4	-	-	28
30	3.4	2.7	-	3.2	2.5	-	3.1	-	-	2.9	-	-	2.4	-	-	30
32	3.2	2.6	-	3.1	2.5	-	3.0	2.4	-	2.9	2.3	-	2.4	-	-	32
34	3.1	2.5	-	3.0	2.4	-	3.0	2.4	-	2.8	2.3	-	2.4	2.2	-	34
36	3.0	2.4	-	2.9	2.3	-	2.9	2.3	-	2.7	2.2	-	2.4	2.1	-	36
38	2.9	2.4	2.0	2.8	2.3	-	2.8	2.2	-	2.7	2.2	-	2.4	2.1	-	38
40	2.8	2.3	1.9	2.7	2.2	1.9	2.6	2.2	1.9	2.5	2.1	-	2.1	2.0	-	40
42	2.7	2.2	1.9	2.7	2.2	1.9	2.6	2.1	1.9	2.0	2.1	1.9	1.7	2.0	-	42
44	2.6	2.2	1.8	2.5	2.1	1.8	2.3	2.1	1.8	1.6	2.0	1.8	1.3	1.9	1.8	44
46	2.5	2.1	1.8	2.4	2.1	1.8	1.9	2.0	1.8	1.2	2.0	1.8	-	1.9	1.7	46
48	2.4	2.1	1.7	2.0	2.0	1.7	1.5	2.0	1.7	-	1.9	1.7	-	1.9	1.7	48
50	2.1	2.0	1.7	1.7	2.0	1.7	1.2	1.9	1.7	-	1.8	1.7	-	1.6	1.7	50
54	1.5	1.9	1.6	1.0	1.8	1.6	-	1.6	1.6	-	1.1	1.6	-	-	1.6	54
58	-	1.7	1.5	-	1.4	1.5	-	1.0	1.5	-	-	1.4	-	-	1.1	58
62	-	1.1	1.4	-	-	1.4	-	-	1.1	-	-	-	-	-	-	62
66	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	66

25.5 t		9.31 m x 8.30 m						1.1 m + 28.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	5.2	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	14
16	5.2	-	-	4.6	-	-	4.3	-	-	-	-	-	-	-	-	16
18	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	-	-	-	18
20	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	20
22	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	22
24	5.2	3.9	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	24
26	5.1	4.0	-	4.6	3.9	-	4.3	-	-	3.8	-	-	3.4	-	-	26
28	4.9	3.9	-	4.6	3.7	-	4.3	3.7	-	3.8	-	-	3.4	-	-	28
30	4.7	3.8	-	4.5	3.6	-	4.3	3.6	-	3.8	3.5	-	3.4	-	-	30
32	4.6	3.7	3.0	4.4	3.6	-	4.3	3.5	-	3.8	3.4	-	3.4	3.2	-	32
34	4.4	3.5	2.9	4.3	3.5	2.9	4.2	3.4	-	3.8	3.3	-	3.4	3.2	-	34
36	4.2	3.4	2.8	4.1	3.4	2.8	4.0	3.4	2.8	3.6	3.2	2.8	3.3	3.1	-	36
38	4.0	3.3	2.7	3.9	3.3	2.7	3.8	3.3	2.7	3.1	3.2	2.7	2.7	3.0	-	38
40	3.8	3.2	2.6	3.8	3.2	2.7	3.2	3.2	2.7	2.5	3.1	2.7	2.2	3.0	2.7	40
42	3.7	3.2	2.6	3.3	3.1	2.6	2.7	3.1	2.6	2.1	3.0	2.6	1.7	2.9	2.6	42
44	3.3	3.0	2.5	2.9	3.0	2.5	2.3	3.0	2.5	1.6	2.9	2.6	1.3	2.6	2.6	44
46	2.9	2.9	2.5	2.4	2.9	2.5	1.9	2.9	2.5	1.2	2.5	2.5	-	2.2	2.5	46
48	2.5	2.9	2.4	2.0	2.8	2.4	1.5	2.6	2.4	-	2.0	2.4	-	1.7	2.5	48
50	2.1	2.8	2.3	1.6	2.6	2.4	1.2	2.2	2.4	-	1.6	2.4	-	1.3	2.3	50
54	1.4	2.2	2.2	1.0	1.8	2.3	-	1.4	2.2	-	-	1.7	-	-	1.5	54
58	-	1.5	2.0	-	1.1	1.7	-	-	1.4	-	-	-	-	-	-	58
62	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	62

25.5 t		9.31 m x 8.30 m						1.1 m + 22.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
11	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11			
12	7.1	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	12			
14	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	-	-	-	14			
16	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	16			
18	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	18			
20	7.1	6.1	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	20			
22	7.1	6.0	-	6.1	5.8	-	5.7	-	-	5.0	-	-	4.4	-	-	22			
24	7.1	5.8	-	6.1	5.6	-	5.7	5.6	-	5.0	5.0	-	4.4	-	-	24			
26	7.1	5.6	-	6.1	5.5	-	5.7	5.4	-	5.0	5.0	-	4.4	4.4	-	26			
28	6.9	5.4	4.3	6.1	5.3	4.3	5.7	5.3	-	5.0	5.0	-	4.4	4.4	-	28			
30	6.4	5.3	4.1	6.1	5.1	4.1	5.7	5.1	4.1	5.0	5.0	-	4.4	4.4	-	30			
32	6.3	5.1	4.0	5.7	5.0	4.0	5.3	5.0	4.0	5.0	4.9	4.0	4.4	4.4	-	32			
34	5.9	5.0	3.9	5.6	4.9	3.9	5.0	4.9	3.9	4.3	4.7	3.9	3.9	4.4	4.0	34			
36	5.6	4.8	3.8	5.0	4.7	3.8	4.4	4.7	3.9	3.6	4.6	3.9	3.3	4.4	3.9	36			
38	4.9	4.6	3.7	4.4	4.6	3.7	3.8	4.5	3.8	3.0	4.3	3.8	2.7	4.0	3.8	38			
40	4.3	4.4	3.6	3.8	4.4	3.7	3.2	4.3	3.7	2.5	3.7	3.7	2.2	3.4	3.7	40			
42	3.7	4.2	3.5	3.3	4.3	3.6	2.7	3.8	3.6	2.0	3.2	3.6	1.7	2.9	3.6	42			
44	3.2	4.1	3.5	2.8	3.7	3.5	2.3	3.2	3.5	1.6	2.6	3.5	1.3	2.4	3.3	44			
46	2.8	3.6	3.4	2.3	3.2	3.4	1.8	2.8	3.5	1.2	2.2	3.0	-	1.9	2.8	46			
48	2.4	3.1	3.3	1.9	2.7	3.3	1.5	2.3	3.0	-	1.7	2.5	-	1.5	2.3	48			
50	2.0	2.7	3.1	1.5	2.3	2.8	1.1	1.9	2.5	-	1.3	2.0	-	1.1	1.8	50			
54	1.3	1.9	2.3	-	1.5	2.0	-	1.2	1.7	-	-	1.2	-	-	1.0	54			
58	-	1.2	-	-	-	1.2	-	-	-	-	-	-	-	-	-	58			

25.5 t		9.31 m x 8.30 m						1.1 m + 16.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
10	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10			
11	8.8	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	11			
12	8.8	-	-	8.2	-	-	7.7	-	-	-	-	-	-	-	-	12			
14	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	-	-	-	14			
16	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	5.7	-	-	16			
18	11.0	9.5	-	8.2	8.2	-	7.7	-	-	6.6	-	-	5.7	-	-	18			
20	11.0	9.2	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	-	-	20			
22	10.6	8.7	6.5	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	22			
24	9.1	8.4	6.3	8.2	8.2	6.3	7.7	7.7	-	6.6	6.6	-	5.7	5.7	-	24			
26	8.8	8.0	6.1	8.2	8.1	6.2	7.7	7.7	6.2	6.6	6.6	-	5.7	5.7	-	26			
28	8.2	7.7	6.0	7.5	7.8	6.0	7.1	7.7	6.0	6.6	6.6	6.0	5.7	5.7	5.7	28			
30	8.0	7.3	5.8	7.3	7.5	5.9	6.6	7.1	5.9	5.8	6.6	5.9	5.4	5.7	5.7	30			
32	7.1	7.1	5.7	6.4	7.2	5.7	5.8	6.9	5.7	5.0	6.2	5.8	4.6	5.7	5.5	32			
34	6.3	6.8	5.5	5.6	6.6	5.6	5.0	6.1	5.6	4.2	5.4	5.6	3.9	5.1	5.3	34			
36	5.5	6.3	5.4	4.9	5.9	5.5	4.3	5.3	5.5	3.6	4.6	5.5	3.2	4.3	5.2	36			
38	4.8	5.5	5.3	4.3	5.2	5.3	3.7	4.6	5.4	3.0	4.0	4.8	2.7	3.7	4.5	38			
40	4.1	4.9	5.2	3.7	4.5	5.1	3.1	4.0	4.7	2.4	3.4	4.1	2.1	3.1	3.9	40			
42	3.6	4.2	4.7	3.1	3.9	4.4	2.6	3.4	4.1	1.9	2.8	3.5	1.6	2.5	3.3	42			
44	3.1	3.7	4.1	2.6	3.3	3.8	2.2	2.9	3.5	1.5	2.3	2.9	1.2	2.0	2.7	44			
46	2.6	3.2	3.6	2.2	2.8	3.3	1.7	2.4	2.9	1.1	1.8	2.4	-	1.6	2.2	46			
48	2.2	2.7	3.1	1.8	2.3	2.8	1.3	2.0	2.4	-	1.4	1.9	-	1.2	1.7	48			
50	1.9	2.3	-	1.4	1.9	2.3	1.0	1.5	2.0	-	1.0	1.5	-	-	1.3	50			
54	1.2	1.6	-	-	1.2	-	-	-	1.1	-	-	-	-	-	-	54			

油圧チルトジブ

25.5 t		9.31 m x 8.30 m						1.1 m + 10.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	14
16	15.2	11.4	-	-	-	-	-	-	-	8.8	-	-	-	7.5	-	16
18	14.5	11.0	9.0	12.6	10.6	-	-	10.5	-	8.8	-	-	-	7.5	-	18
20	13.2	10.6	9.0	12.6	10.3	8.8	11.7	10.2	-	8.8	8.8	-	-	7.5	-	20
22	12.3	10.3	8.8	11.4	10.0	8.6	10.6	9.9	8.6	8.8	8.8	-	-	7.5	7.5	22
24	11.5	10.0	8.6	10.7	9.7	8.4	9.9	9.6	8.4	8.8	8.8	8.2	-	7.5	7.5	24
26	10.1	9.4	8.4	9.3	9.4	8.3	8.6	9.2	8.2	7.8	8.8	8.1	-	7.4	7.5	26
28	8.9	9.0	8.2	8.2	9.0	8.1	7.5	8.4	8.1	6.7	7.7	7.9	-	6.3	7.3	28
30	7.8	8.5	8.0	7.2	7.9	7.9	6.5	7.3	7.8	5.8	6.6	7.4	-	5.4	6.3	30
32	6.7	7.4	7.8	6.2	7.0	7.6	5.6	6.4	7.0	4.9	5.7	6.4	-	4.6	5.4	32
34	5.8	6.5	6.9	5.4	6.0	6.6	4.8	5.5	6.1	4.1	4.9	5.5	-	3.8	4.6	34
36	5.1	5.6	6.0	4.6	5.2	5.7	4.1	4.8	5.3	3.5	4.2	4.7	-	3.2	3.9	36
38	4.4	4.9	5.2	3.9	4.5	4.9	3.4	4.0	4.5	2.8	3.5	4.0	-	2.6	3.2	38
40	3.8	4.2	4.5	3.3	3.8	4.2	2.8	3.4	3.8	2.3	2.9	3.4	-	2.0	2.7	40
42	3.2	3.6	-	2.7	3.2	3.5	2.3	2.8	3.2	1.8	2.4	2.8	-	1.5	2.1	42
44	2.7	3.1	-	2.3	2.7	3.0	1.8	2.3	2.6	1.4	1.9	2.3	-	1.1	1.6	44
46	2.3	2.6	-	1.8	2.2	-	1.4	1.8	2.1	-	1.4	1.8	-	-	1.2	46
48	1.9	2.2	-	1.4	1.8	-	1.0	1.4	-	-	1.0	1.3	-	-	-	48
50	1.5	1.8	-	1.1	1.4	-	-	1.0	-	-	-	-	-	-	-	50

25.5 t		9.31 m x 8.30 m						1.1 m + 4.7 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	23.7	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	10
11	23.7	23.7	-	17.5	-	-	15.9	-	-	-	-	-	-	-	-	11
12	23.7	23.7	-	17.5	17.5	-	15.9	-	-	13.1	-	-	-	-	-	12
14	21.8	22.9	21.8	17.5	17.5	17.5	15.9	15.9	-	13.1	13.1	-	10.8	-	-	14
16	19.9	19.6	19.6	17.5	17.5	17.5	15.9	15.9	15.9	13.1	13.1	13.1	10.8	10.8	-	16
18	16.8	17.4	17.8	15.8	16.5	17.1	14.7	15.4	15.9	13.1	13.1	13.1	10.8	10.8	10.8	18
20	15.3	15.1	15.3	14.4	15.0	14.9	13.5	14.1	14.4	12.5	13.1	13.1	10.8	10.8	10.8	20
22	13.3	13.7	13.9	12.4	12.9	13.3	11.6	12.1	12.6	10.6	11.2	11.7	10.2	10.7	10.8	22
24	11.5	12.0	12.3	10.8	11.2	11.5	10.0	10.4	10.8	9.1	9.6	10.0	8.7	9.2	9.6	24
26	10.1	10.5	10.7	9.3	9.7	10.0	8.6	9.0	9.3	7.7	8.2	8.5	7.4	7.8	8.2	26
28	8.7	9.0	9.3	8.1	8.5	8.7	7.4	7.8	8.1	6.6	7.0	7.3	6.2	6.7	7.0	28
30	7.5	7.8	8.0	7.0	7.3	7.6	6.4	6.7	7.0	5.6	5.9	6.2	5.3	5.7	5.9	30
32	6.4	6.7	6.9	6.0	6.3	6.5	5.5	5.8	6.0	4.7	5.0	5.3	4.4	4.8	5.0	32
34	5.5	5.8	5.9	5.1	5.3	5.5	4.6	4.9	5.1	3.9	4.2	4.4	3.6	4.0	4.2	34
36	4.7	5.0	-	4.3	4.5	4.7	3.8	4.1	4.3	3.2	3.5	3.7	3.0	3.3	3.5	36
38	4.0	4.2	-	3.6	3.8	3.9	3.1	3.4	3.5	2.6	2.8	3.0	2.4	2.6	2.8	38
40	3.4	3.6	-	3.0	3.2	-	2.5	2.7	2.9	2.0	2.2	2.4	1.8	2.1	2.2	40
42	2.9	3.0	-	2.4	2.6	-	2.0	2.2	-	1.4	1.7	1.8	1.3	1.5	1.7	42
44	2.4	2.5	-	2.0	2.1	-	1.5	1.7	-	-	1.1	1.3	-	1.1	1.2	44
46	2.0	2.1	-	1.5	1.6	-	1.1	1.2	-	-	-	-	-	-	-	46
48	1.6	-	-	1.1	1.2	-	-	-	-	-	-	-	-	-	-	48
50	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50

15.5 t		9.31 m x 8.30 m						1.1 m + 34.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14			
16	3.8	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	16			
18	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	-	-	-	18			
20	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	20			
22	3.8	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	22			
24	3.7	-	-	3.5	-	-	3.3	-	-	2.9	-	-	2.4	-	-	24			
26	3.6	-	-	3.4	-	-	3.3	-	-	2.9	-	-	2.4	-	-	26			
28	3.5	2.7	-	3.3	-	-	3.2	-	-	2.9	-	-	2.4	-	-	28			
30	3.4	2.7	-	3.2	2.5	-	3.1	-	-	2.9	-	-	2.4	-	-	30			
32	3.1	2.6	-	3.1	2.5	-	2.9	2.4	-	2.7	2.3	-	2.3	-	-	32			
34	3.0	2.5	-	2.9	2.4	-	2.8	2.4	-	2.1	2.3	-	1.7	2.2	-	34			
36	2.8	2.4	-	2.8	2.3	-	2.2	2.3	-	1.6	2.2	-	1.2	2.1	-	36			
38	2.8	2.4	2.0	2.3	2.3	-	1.8	2.2	-	1.1	2.2	-	-	2.1	-	38			
40	2.5	2.3	1.9	1.9	2.2	1.9	1.3	2.2	1.9	-	2.1	-	-	2.0	-	40			
42	2.0	2.2	1.9	1.5	2.2	1.9	-	2.1	1.9	-	1.9	1.9	-	1.6	-	42			
44	1.7	2.1	1.8	1.1	2.1	1.8	-	2.0	1.8	-	1.5	1.8	-	1.2	1.8	44			
46	1.3	2.0	1.8	-	2.0	1.8	-	1.6	1.8	-	1.1	1.8	-	-	1.7	46			
48	1.0	2.0	1.7	-	1.6	1.7	-	1.2	1.7	-	-	1.7	-	-	1.7	48			
50	-	1.7	1.7	-	1.3	1.7	-	-	1.7	-	-	1.5	-	-	1.3	50			
54	-	1.1	1.6	-	-	1.5	-	-	1.1	-	-	-	-	-	-	54			
58	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	58			

15.5 t		9.31 m x 8.30 m						1.1 m + 28.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	5.2	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	14			
16	5.2	-	-	4.6	-	-	4.3	-	-	-	-	-	-	-	-	16			
18	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	-	-	-	18			
20	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	20			
22	5.2	-	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	22			
24	5.2	3.9	-	4.6	-	-	4.3	-	-	3.8	-	-	3.4	-	-	24			
26	5.1	4.0	-	4.6	3.9	-	4.3	-	-	3.8	-	-	3.4	-	-	26			
28	4.7	3.9	-	4.6	3.7	-	4.1	3.7	-	3.8	-	-	3.4	-	-	28			
30	4.5	3.8	-	4.3	3.6	-	4.1	3.6	-	3.4	3.5	-	3.0	-	-	30			
32	4.3	3.7	3.0	4.1	3.6	-	3.4	3.5	-	2.7	3.4	-	2.3	3.2	-	32			
34	4.0	3.5	2.9	3.4	3.5	2.9	2.8	3.4	-	2.1	3.3	-	1.7	3.2	-	34			
36	3.5	3.4	2.8	2.9	3.4	2.8	2.3	3.3	2.8	1.6	3.2	2.8	1.2	3.0	-	36			
38	3.0	3.3	2.7	2.4	3.2	2.7	1.8	3.2	2.7	1.1	2.7	2.7	-	2.4	-	38			
40	2.5	3.1	2.6	1.9	3.1	2.7	1.3	2.7	2.7	-	2.1	2.7	-	1.9	2.7	40			
42	2.1	3.0	2.6	1.5	2.7	2.6	-	2.2	2.6	-	1.7	2.6	-	1.4	2.6	42			
44	1.7	2.7	2.5	1.1	2.2	2.5	-	1.8	2.5	-	1.2	2.4	-	-	2.1	44			
46	1.3	2.3	2.4	-	1.8	2.5	-	1.4	2.3	-	-	1.9	-	-	1.7	46			
48	1.0	1.9	2.4	-	1.4	2.3	-	1.0	1.9	-	-	1.4	-	-	1.2	48			
50	-	1.5	2.2	-	1.1	1.9	-	-	1.5	-	-	1.0	-	-	-	50			
54	-	-	1.4	-	-	1.1	-	-	-	-	-	-	-	-	-	54			

油圧チルトジブ

15.5 t		9.31 m x 8.30 m						1.1 m + 22.9 m						360°			
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	
11	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12	7.1	-	-	6.1	-	-	-	-	-	-	-	-	-	-	-	-	12
14	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	-	-	-	-	14
16	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	-	16
18	7.1	-	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	-	18
20	7.1	6.1	-	6.1	-	-	5.7	-	-	5.0	-	-	4.4	-	-	-	20
22	7.1	6.0	-	6.1	5.8	-	5.7	-	-	5.0	-	-	4.4	-	-	-	22
24	6.4	5.8	-	6.1	5.6	-	5.7	5.6	-	5.0	5.0	-	4.4	-	-	-	24
26	6.4	5.6	-	5.8	5.5	-	5.3	5.4	-	5.0	5.0	-	4.4	4.4	-	-	26
28	6.0	5.4	4.3	5.6	5.3	4.3	4.9	5.3	-	4.1	5.0	-	3.7	4.4	-	-	28
30	5.4	5.1	4.1	4.8	5.1	4.1	4.1	5.0	4.1	3.4	5.0	-	3.0	4.4	-	-	30
32	4.7	5.0	4.0	4.1	4.9	4.0	3.4	4.9	4.0	2.7	4.3	4.0	2.3	4.0	-	-	32
34	4.0	4.8	3.9	3.4	4.7	3.9	2.8	4.2	3.9	2.1	3.6	3.9	1.7	3.3	4.0	-	34
36	3.5	4.6	3.8	2.9	4.1	3.8	2.2	3.5	3.9	1.5	2.9	3.9	1.2	2.6	3.9	-	36
38	2.9	4.0	3.7	2.3	3.5	3.7	1.7	2.9	3.8	1.1	2.3	3.5	-	2.1	3.2	-	38
40	2.5	3.4	3.6	1.9	2.9	3.6	1.3	2.4	3.4	-	1.8	2.9	-	1.5	2.6	-	40
42	2.0	2.9	3.5	1.5	2.4	3.2	-	1.9	2.8	-	1.3	2.3	-	1.1	2.1	-	42
44	1.6	2.4	3.1	1.1	2.0	2.7	-	1.5	2.3	-	-	1.8	-	-	1.6	-	44
46	1.2	2.0	2.6	-	1.6	2.3	-	1.1	1.8	-	-	1.3	-	-	1.1	-	46
48	-	1.6	2.2	-	1.2	1.8	-	-	1.4	-	-	-	-	-	-	-	48
50	-	1.2	1.7	-	-	1.4	-	-	1.0	-	-	-	-	-	-	-	50
54	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	54

15.5 t		9.31 m x 8.30 m						1.1 m + 16.9 m						360°			
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	
10	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	8.8	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	-	11
12	8.8	-	-	8.2	-	-	7.7	-	-	-	-	-	-	-	-	-	12
14	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	-	-	-	-	14
16	8.8	-	-	8.2	-	-	7.7	-	-	6.6	-	-	5.7	-	-	-	16
18	10.6	9.5	-	8.2	8.2	-	7.7	-	-	6.6	-	-	5.7	-	-	-	18
20	8.8	9.2	-	8.2	8.2	-	7.7	7.7	-	6.6	6.6	-	5.7	-	-	-	20
22	8.8	8.7	6.5	8.1	8.2	-	7.2	7.7	-	6.6	6.6	-	5.7	5.7	-	-	22
24	8.1	8.4	6.3	7.5	8.2	6.3	6.9	7.7	-	6.1	6.6	-	5.6	5.7	-	-	24
26	7.2	7.9	6.1	6.5	7.5	6.2	5.8	7.1	6.2	5.0	6.6	-	4.6	5.7	-	-	26
28	6.3	7.4	6.0	5.6	6.8	6.0	4.9	6.2	6.0	4.1	5.5	6.0	3.7	5.2	5.7	-	28
30	5.4	6.5	5.8	4.7	5.9	5.9	4.1	5.3	5.9	3.3	4.6	5.8	3.0	4.3	5.5	-	30
32	4.7	5.6	5.7	4.0	5.1	5.7	3.4	4.5	5.5	2.6	3.8	4.9	2.3	3.5	4.6	-	32
34	4.0	4.9	5.5	3.4	4.3	5.2	2.7	3.8	4.7	2.0	3.1	4.1	1.7	2.8	3.8	-	34
36	3.4	4.2	4.9	2.8	3.7	4.5	2.2	3.1	4.0	1.5	2.5	3.4	1.1	2.2	3.1	-	36
38	2.8	3.6	4.3	2.3	3.1	3.8	1.7	2.6	3.3	1.0	1.9	2.8	-	1.7	2.5	-	38
40	2.3	3.1	3.6	1.8	2.6	3.2	1.2	2.1	2.7	-	1.4	2.2	-	1.2	2.0	-	40
42	1.9	2.5	3.0	1.4	2.1	2.7	-	1.6	2.2	-	1.0	1.6	-	-	1.4	-	42
44	1.5	2.1	2.5	1.0	1.7	2.2	-	1.1	1.7	-	-	1.2	-	-	1.0	-	44
46	1.1	1.6	2.0	-	1.3	1.7	-	-	1.3	-	-	-	-	-	-	-	46
48	-	1.3	1.6	-	-	1.3	-	-	-	-	-	-	-	-	-	-	48

15.5 t		9.31 m x 8.30 m						1.1 m + 10.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	-	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-	-	14		
16	13.6	11.4	-	-	-	-	-	-	-	-	8.8	-	-	7.5	-	-	16		
18	12.5	11.0	9.0	11.4	10.6	-	-	10.5	-	8.8	-	-	7.5	-	-	18			
20	11.3	10.3	9.0	10.4	10.3	8.8	9.5	10.0	-	8.7	8.8	-	7.5	-	-	20			
22	9.6	9.9	8.8	8.8	9.7	8.6	8.0	9.2	8.6	7.3	8.5	-	6.8	7.5	-	22			
24	8.2	9.2	8.4	7.5	8.5	8.4	6.7	7.8	8.3	6.0	7.2	8.2	5.6	6.8	-	24			
26	7.1	8.0	8.2	6.4	7.3	8.1	5.6	6.6	7.5	4.9	6.0	6.9	4.6	5.6	6.6	26			
28	6.1	6.9	7.5	5.4	6.2	7.0	4.7	5.6	6.4	4.0	5.0	5.8	3.7	4.7	5.5	28			
30	5.2	5.9	6.5	4.5	5.3	6.0	3.9	4.7	5.4	3.2	4.1	4.8	2.9	3.8	4.6	30			
32	4.4	5.1	5.6	3.8	4.5	5.1	3.2	3.9	4.5	2.5	3.3	4.0	2.2	3.0	3.7	32			
34	3.7	4.3	4.8	3.2	3.8	4.3	2.5	3.2	3.8	1.9	2.6	3.2	1.6	2.4	3.0	34			
36	3.0	3.6	4.0	2.5	3.2	3.6	2.0	2.6	3.1	1.3	2.0	2.6	1.0	1.8	2.4	36			
38	2.5	3.0	3.3	2.0	2.5	3.0	1.4	2.0	2.5	-	1.5	2.0	-	1.2	1.8	38			
40	2.0	2.4	2.7	1.5	2.0	2.4	1.0	1.5	2.0	-	1.0	1.4	-	-	1.2	40			
42	1.5	1.9	-	1.0	1.5	1.8	-	1.1	1.5	-	-	-	-	-	-	42			
44	1.1	1.5	-	-	1.1	1.4	-	-	1.0	-	-	-	-	-	-	44			
46	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	46			

15.5 t		9.31 m x 8.30 m						1.1 m + 4.7 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
9	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9		
10	23.7	-	-	17.5	-	-	-	-	-	-	-	-	-	-	-	-	10		
11	23.2	23.7	-	17.5	-	-	15.9	-	-	-	-	-	-	-	-	-	11		
12	20.5	21.7	-	17.5	17.5	-	15.9	-	-	13.1	-	-	-	-	-	-	12		
14	18.3	19.2	19.9	17.2	17.5	17.5	15.9	15.9	-	13.1	13.1	-	10.8	-	-	-	14		
16	16.1	16.8	16.8	15.1	15.7	15.7	14.1	14.4	14.4	12.9	13.1	13.1	10.8	10.8	-	-	16		
18	13.5	14.1	14.6	12.5	13.2	13.7	11.6	12.3	12.8	10.6	11.3	11.9	10.1	10.7	10.8	-	18		
20	11.4	11.9	12.3	10.5	11.1	11.5	9.7	10.3	10.7	8.7	9.3	9.8	8.3	8.9	9.4	-	20		
22	9.6	10.1	10.5	8.9	9.3	9.7	8.1	8.6	9.0	7.2	7.7	8.2	6.8	7.3	7.8	-	22		
24	8.2	8.6	8.9	7.5	7.9	8.2	6.7	7.2	7.6	5.9	6.4	6.8	5.5	6.0	6.4	-	24		
26	7.0	7.4	7.6	6.3	6.7	7.0	5.6	6.0	6.3	4.8	5.2	5.6	4.5	4.9	5.3	-	26		
28	6.0	6.3	6.5	5.3	5.6	5.9	4.6	5.0	5.3	3.8	4.2	4.5	3.5	3.9	4.3	-	28		
30	5.0	5.3	5.5	4.4	4.7	5.0	3.8	4.1	4.3	3.0	3.4	3.6	2.7	3.1	3.4	-	30		
32	4.1	4.4	4.6	3.6	3.9	4.1	3.0	3.3	3.5	2.2	2.6	2.8	2.0	2.4	2.6	-	32		
34	3.4	3.6	3.7	2.9	3.2	3.3	2.3	2.6	2.8	1.6	1.9	2.1	1.4	1.7	1.9	-	34		
36	2.7	2.9	-	2.3	2.5	2.6	1.8	2.0	2.2	1.0	1.3	1.5	-	1.1	1.3	-	36		
38	2.1	2.3	-	1.7	1.9	2.0	1.2	1.5	1.6	-	-	-	-	-	-	-	38		
40	1.6	1.8	-	1.2	1.4	-	-	-	1.1	-	-	-	-	-	-	-	40		
42	1.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42		

MEMO

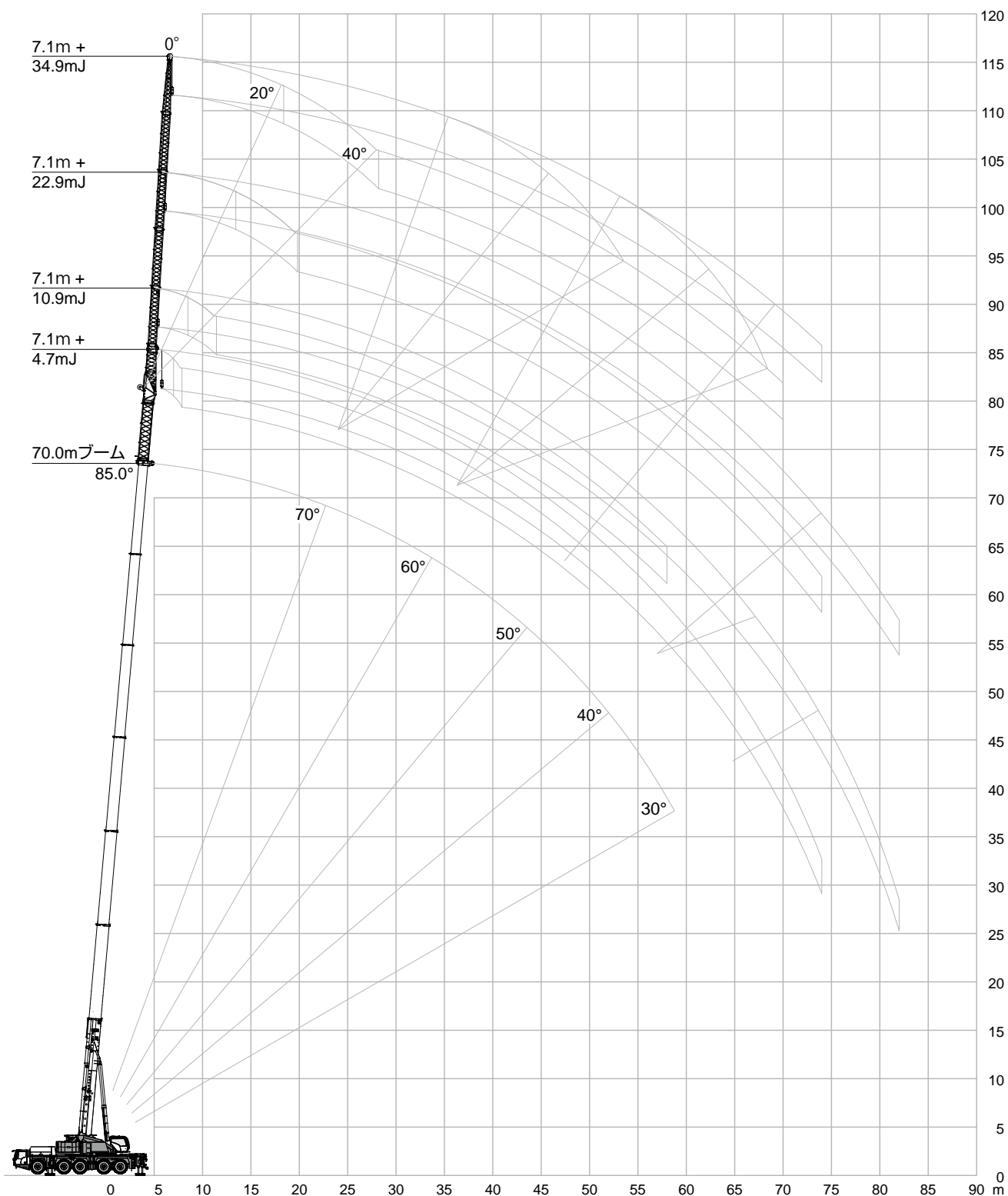
A large rectangular area with horizontal lines, intended for writing a memo. The lines are evenly spaced and cover the majority of the page's content area.

オールテレーンクレーン
AC 5.250-2
油圧チルトジブ+エクステンション (HOJ+EX)



油圧チルトジブ+エクステンション

HOJ+EX (油圧チルトジブ+エクステンション) 作業半径-揚程図



(注意)

- ・ 上図はジブのたわみを含んでいません。
- ・ カウンタウエイト80t、アウトリガ張出幅8.3m時の性能を図示しています。

80.0 t		9.31 m x 8.30 m						7.1 m + 34.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
16	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
18	3.1	-	-	-	2.9	-	-	2.7	-	-	-	-	-	-	-	-	18		
20	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	-	-	-	20		
22	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	22		
24	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	24		
26	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	26		
28	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	28		
30	3.1	2.5	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	30		
32	3.0	2.4	-	-	2.8	2.3	-	2.7	2.3	-	2.4	-	-	1.7	-	-	32		
34	2.9	2.4	-	-	2.8	2.3	-	2.7	2.2	-	2.4	2.1	-	1.7	-	-	34		
36	2.9	2.3	-	-	2.7	2.2	-	2.6	2.2	-	2.4	2.1	-	1.7	-	-	36		
38	2.8	2.3	1.8	-	2.6	2.1	-	2.6	2.1	-	2.4	2.0	-	1.7	1.7	-	38		
40	2.7	2.2	1.7	-	2.6	2.1	1.7	2.5	2.1	-	2.4	2.0	-	1.7	1.7	-	40		
42	2.6	2.1	1.6	-	2.5	2.0	1.6	2.5	2.0	1.6	2.3	1.9	-	1.7	1.7	-	42		
44	2.6	2.0	1.6	-	2.4	2.0	1.6	2.4	2.0	1.6	2.3	1.9	1.6	1.7	1.7	-	44		
46	2.5	1.9	1.5	-	2.4	1.9	1.5	2.4	1.9	1.5	2.2	1.9	1.5	1.7	1.7	1.5	46		
48	2.3	1.8	1.4	-	2.3	1.8	1.5	2.3	1.8	1.5	2.2	1.8	1.5	1.7	1.7	1.5	48		
50	2.2	1.7	1.4	-	2.3	1.7	1.4	2.3	1.8	1.4	2.1	1.8	1.4	1.7	1.7	1.4	50		
54	1.9	1.5	1.3	-	2.0	1.6	1.3	2.1	1.6	1.3	2.1	1.6	1.3	1.7	1.6	1.3	54		
58	1.7	1.4	1.2	-	1.8	1.4	1.2	1.9	1.5	1.2	2.0	1.5	1.2	1.7	1.5	1.2	58		
62	1.5	1.2	1.1	-	1.6	1.3	1.1	1.7	1.3	1.1	1.8	1.4	1.1	1.6	1.4	1.2	62		
66	1.4	1.1	1.0	-	1.4	1.2	1.0	1.5	1.2	1.0	1.6	1.3	1.1	1.4	1.2	1.1	66		
70	1.2	1.0	-	-	1.3	1.1	1.0	1.4	1.1	1.0	1.4	1.2	1.0	1.2	1.1	1.0	70		
74	1.1	-	-	-	1.1	1.0	-	1.2	1.0	-	1.3	1.1	-	1.1	1.0	-	74		
78	-	-	-	-	1.0	-	-	1.1	-	-	1.2	1.0	-	-	-	-	78		
82	-	-	-	-	-	-	-	1.0	-	-	1.1	-	-	-	-	-	82		
86	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	86		

80.0 t		9.31 m x 8.30 m						7.1 m + 28.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	4.1	-	-	-	3.7	-	-	3.3	-	-	-	-	-	-	-	-	16		
18	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	-	-	-	18		
20	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	20		
22	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	22		
24	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	24		
26	4.1	3.7	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	26		
28	4.1	3.7	-	-	3.7	3.5	-	3.5	-	-	3.1	-	-	2.8	-	-	28		
30	4.1	3.6	-	-	3.7	3.4	-	3.5	3.4	-	3.1	-	-	2.8	-	-	30		
32	4.1	3.4	-	-	3.7	3.4	-	3.5	3.3	-	3.1	3.1	-	2.8	-	-	32		
34	4.1	3.2	2.6	-	3.7	3.3	-	3.5	3.2	-	3.1	3.1	-	2.8	2.8	-	34		
36	4.1	3.1	2.5	-	3.7	3.1	2.5	3.5	3.1	-	3.1	3.0	-	2.8	2.8	-	36		
38	4.0	2.9	2.4	-	3.7	3.0	2.4	3.5	3.0	2.4	3.1	3.0	-	2.8	2.8	-	38		
40	3.7	2.8	2.3	-	3.7	2.8	2.3	3.5	2.9	2.3	3.1	2.9	2.3	2.8	2.8	2.3	40		
42	3.5	2.7	2.2	-	3.6	2.7	2.2	3.5	2.7	2.2	3.1	2.8	2.2	2.8	2.7	2.3	42		
44	3.3	2.5	2.1	-	3.4	2.6	2.2	3.5	2.6	2.2	3.1	2.7	2.2	2.8	2.7	2.2	44		
46	3.1	2.4	2.1	-	3.2	2.5	2.1	3.4	2.5	2.1	3.1	2.6	2.1	2.8	2.6	2.1	46		
48	2.9	2.3	2.0	-	3.1	2.4	2.0	3.2	2.4	2.0	3.1	2.5	2.0	2.8	2.5	2.1	48		
50	2.8	2.2	1.9	-	2.9	2.3	1.9	3.0	2.3	2.0	3.1	2.4	2.0	2.8	2.4	2.0	50		
54	2.5	2.0	1.8	-	2.6	2.1	1.8	2.7	2.2	1.9	2.8	2.2	1.9	2.5	2.2	1.9	54		
58	2.2	1.9	1.7	-	2.4	1.9	1.7	2.5	2.0	1.8	2.6	2.0	1.8	2.3	2.0	1.8	58		
62	2.0	1.7	1.6	-	2.1	1.8	1.6	2.3	1.9	1.7	2.3	1.9	1.7	2.0	1.8	1.7	62		
66	1.8	1.6	-	-	1.9	1.7	1.5	2.1	1.7	1.6	2.1	1.8	1.6	1.8	1.7	1.6	66		
70	1.7	1.5	-	-	1.8	1.6	-	1.9	1.6	1.5	2.0	1.7	1.5	1.6	1.5	1.5	70		
74	1.5	1.4	-	-	1.6	1.5	-	1.7	1.5	-	1.8	1.6	1.5	1.4	1.4	1.4	74		
78	1.4	1.3	-	-	1.5	1.4	-	1.6	1.4	-	1.7	1.5	-	1.3	1.3	1.3	78		
82	1.3	-	-	-	1.4	1.3	-	1.5	1.3	-	1.5	1.4	-	1.1	1.1	-	82		
86	-	-	-	-	1.3	-	-	1.3	1.3	-	1.2	1.3	-	-	1.0	-	86		
90	-	-	-	-	-	-	-	1.3	-	-	-	1.1	-	-	-	-	90		

油圧チルトジブ+エクステンション

80.0 t		9.31 m x 8.30 m						7.1 m + 22.9 m						360°		
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m		
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
14	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	5.6	-	-	4.9	-	-	4.6	-	-	-	-	-	-	-	-	16
18	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	-	-	-	18
20	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	20
22	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	22
24	5.6	5.4	-	4.9	4.9	-	4.6	-	-	4.0	-	-	3.6	-	-	24
26	5.6	5.1	-	4.9	4.9	-	4.6	4.6	-	4.0	-	-	3.6	-	-	26
28	5.6	4.8	-	4.9	4.9	-	4.6	4.6	-	4.0	4.0	-	3.6	-	-	28
30	5.6	4.6	3.7	4.9	4.6	-	4.6	4.6	-	4.0	4.0	-	3.6	3.6	-	30
32	5.6	4.3	3.5	4.9	4.4	3.5	4.6	4.4	3.6	4.0	4.0	-	3.6	3.6	-	32
34	5.6	4.1	3.4	4.9	4.2	3.4	4.6	4.2	3.4	4.0	4.0	3.4	3.6	3.6	-	34
36	5.2	3.9	3.3	4.9	4.0	3.3	4.6	4.1	3.3	4.0	4.0	3.3	3.6	3.6	3.3	36
38	4.9	3.8	3.2	4.9	3.8	3.2	4.6	3.9	3.2	4.0	3.9	3.2	3.6	3.6	3.2	38
40	4.6	3.6	3.1	4.8	3.7	3.1	4.6	3.7	3.1	4.0	3.8	3.1	3.6	3.6	3.2	40
42	4.4	3.5	3.0	4.5	3.5	3.0	4.6	3.6	3.0	4.0	3.6	3.0	3.6	3.5	3.1	42
44	4.1	3.3	2.9	4.3	3.4	2.9	4.5	3.5	2.9	4.0	3.5	3.0	3.6	3.4	3.0	44
46	3.9	3.2	2.8	4.1	3.3	2.8	4.2	3.3	2.9	4.0	3.4	2.9	3.6	3.2	2.9	46
48	3.7	3.0	2.7	3.9	3.1	2.7	4.0	3.2	2.8	4.0	3.3	2.8	3.6	3.1	2.8	48
50	3.5	2.9	2.6	3.7	3.0	2.7	3.8	3.1	2.7	4.0	3.2	2.7	3.4	3.0	2.7	50
54	3.2	2.7	2.5	3.3	2.8	2.5	3.5	2.9	2.6	3.6	2.9	2.6	3.1	2.7	2.5	54
58	2.9	2.5	2.4	3.1	2.6	2.4	3.2	2.7	2.5	3.3	2.8	2.5	2.8	2.5	2.4	58
62	2.7	2.4	-	2.8	2.5	2.3	3.0	2.5	2.3	3.1	2.6	2.4	2.5	2.3	2.2	62
66	2.4	2.2	-	2.6	2.3	-	2.7	2.4	-	2.8	2.5	2.3	2.2	2.2	2.1	66
70	2.2	2.1	-	2.4	2.2	-	2.5	2.3	-	2.6	2.3	-	2.0	2.0	2.0	70
74	2.1	-	-	2.2	2.1	-	2.3	2.1	-	2.5	2.2	-	1.8	1.8	1.8	74
78	-	-	-	2.0	-	-	2.2	2.0	-	2.0	2.1	-	1.6	1.6	-	78
82	-	-	-	1.9	-	-	2.0	-	-	1.6	1.8	-	1.3	1.5	-	82
86	-	-	-	-	-	-	1.7	-	-	1.2	-	-	-	1.2	-	86

80.0 t		9.31 m x 8.30 m						7.1 m + 16.9 m						360°		
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m		
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
12	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	7.6	-	-	6.5	-	-	5.6	-	-	-	-	-	-	-	-	14
16	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	-	-	-	16
18	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	18
20	7.6	7.6	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	20
22	7.6	7.4	-	6.5	6.5	-	6.1	6.1	-	5.2	-	-	4.6	-	-	22
24	7.6	7.0	5.5	6.5	6.5	-	6.1	6.1	-	5.2	5.2	-	4.6	-	-	24
26	7.6	6.6	5.3	6.5	6.5	5.4	6.1	6.1	-	5.2	5.2	-	4.6	4.6	-	26
28	7.6	6.3	5.1	6.5	6.3	5.2	6.1	6.1	5.2	5.2	5.2	-	4.6	4.6	-	28
30	7.6	6.0	4.9	6.5	6.0	5.0	6.1	6.1	5.0	5.2	5.2	5.0	4.6	4.6	-	30
32	7.6	5.7	4.8	6.5	5.8	4.8	6.1	5.9	4.8	5.2	5.2	4.8	4.6	4.6	4.6	32
34	7.1	5.4	4.6	6.5	5.5	4.6	6.1	5.6	4.7	5.2	5.2	4.7	4.6	4.6	4.6	34
36	6.6	5.2	4.4	6.5	5.3	4.5	6.1	5.4	4.5	5.2	5.2	4.6	4.6	4.6	4.5	36
38	6.3	5.0	4.3	6.5	5.1	4.4	6.1	5.2	4.4	5.2	5.2	4.4	4.6	4.6	4.3	38
40	5.9	4.7	4.2	6.1	4.9	4.2	6.1	5.0	4.3	5.2	5.1	4.3	4.6	4.6	4.2	40
42	5.6	4.6	4.0	5.8	4.7	4.1	6.1	4.8	4.2	5.2	4.9	4.2	4.6	4.4	4.0	42
44	5.3	4.4	3.9	5.5	4.5	4.0	5.8	4.6	4.1	5.2	4.7	4.1	4.6	4.2	3.9	44
46	5.0	4.2	3.8	5.3	4.3	3.9	5.5	4.5	3.9	5.2	4.6	4.0	4.5	4.0	3.7	46
48	4.8	4.1	3.7	5.0	4.2	3.8	5.2	4.3	3.8	5.2	4.4	3.9	4.3	3.9	3.6	48
50	4.6	3.9	3.6	4.8	4.0	3.7	5.0	4.2	3.8	5.0	4.3	3.8	4.0	3.7	3.5	50
54	4.2	3.7	-	4.4	3.8	3.5	4.6	3.9	3.6	4.6	4.0	3.6	3.6	3.5	3.3	54
58	3.8	3.4	-	4.0	3.6	-	4.2	3.7	3.4	4.3	3.8	3.5	3.3	3.2	3.1	58
62	3.5	3.2	-	3.7	3.4	-	3.9	3.5	-	4.1	3.6	3.4	3.0	2.9	2.9	62
66	3.2	-	-	3.4	3.2	-	3.6	3.3	-	3.7	3.4	-	2.7	2.7	2.7	66
70	3.0	-	-	3.2	-	-	3.4	3.1	-	3.1	3.2	-	2.4	2.4	-	70
74	-	-	-	3.0	-	-	3.0	-	-	2.5	2.7	-	2.1	2.2	-	74
78	-	-	-	-	-	-	2.5	-	-	2.0	-	-	1.8	2.0	-	78
82	-	-	-	-	-	-	-	-	-	1.5	-	-	1.3	1.5	-	82

80.0 t		9.31 m x 8.30 m						7.1 m + 10.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
11	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11			
12	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	8.6	-	-	8.7	-	-	8.1	-	-	-	-	-	-	-	-	14			
16	8.6	10.3	-	8.7	-	-	8.1	-	-	6.9	-	-	5.9	-	-	16			
18	11.7	10.6	-	8.7	8.7	-	8.1	7.4	-	6.9	-	-	5.9	-	-	18			
20	11.7	10.2	8.6	8.7	8.7	-	8.1	8.1	-	6.9	6.9	-	5.9	-	-	20			
22	11.7	9.9	8.3	8.7	8.7	8.4	8.1	8.1	7.4	6.9	6.9	-	5.9	5.9	-	22			
24	11.7	9.6	8.0	8.7	8.7	8.1	8.1	8.1	8.1	6.9	6.9	6.9	5.9	5.9	-	24			
26	11.6	9.1	7.6	8.7	8.7	7.8	8.1	8.1	7.8	6.9	6.9	6.9	5.9	5.9	5.9	26			
28	11.1	8.6	7.3	8.7	8.7	7.5	8.1	8.1	7.5	6.9	6.9	6.9	5.9	5.9	5.9	28			
30	10.5	8.2	7.1	8.7	8.5	7.2	8.1	8.1	7.3	6.9	6.9	6.9	5.9	5.9	5.9	30			
32	9.8	7.8	6.8	8.7	8.1	7.0	8.1	8.1	7.1	6.9	6.9	6.9	5.9	5.9	5.9	32			
34	9.2	7.4	6.6	8.7	7.8	6.7	8.1	8.0	6.8	6.9	6.9	6.9	5.9	5.9	5.9	34			
36	8.7	7.1	6.3	8.5	7.4	6.5	8.1	7.6	6.6	6.9	6.9	6.7	5.9	5.9	5.8	36			
38	8.2	6.8	6.1	8.1	7.1	6.3	8.1	7.3	6.4	6.9	6.9	6.5	5.9	5.9	5.6	38			
40	7.8	6.5	6.0	7.8	6.8	6.1	7.9	7.0	6.2	6.9	6.6	6.3	5.9	5.8	5.4	40			
42	7.4	6.3	5.8	7.4	6.6	5.9	7.6	6.8	6.1	6.8	6.4	6.2	5.8	5.5	5.2	42			
44	7.0	6.1	5.6	7.1	6.3	5.8	7.3	6.5	5.9	6.5	6.2	6.0	5.5	5.2	5.0	44			
46	6.7	5.8	5.5	6.8	6.1	5.6	7.0	6.3	5.7	6.3	6.0	5.8	5.2	5.0	4.9	46			
48	6.4	5.6	-	6.6	5.9	5.5	6.7	6.1	5.6	6.0	5.8	5.6	5.0	4.7	4.7	48			
50	6.1	5.5	-	6.3	5.7	-	6.5	5.9	5.5	5.8	5.6	5.5	4.7	4.5	4.5	50			
54	5.6	5.1	-	5.8	5.3	-	6.0	5.5	-	5.4	5.2	5.1	4.2	4.1	4.1	54			
58	5.1	4.9	-	5.4	5.0	-	5.0	5.2	-	5.0	4.9	-	3.8	3.8	3.8	58			
62	4.8	-	-	4.7	4.8	-	4.5	4.4	-	4.4	4.6	-	3.4	3.4	-	62			
66	-	-	-	4.1	-	-	4.1	4.2	-	3.6	3.8	-	3.1	3.1	-	66			
70	-	-	-	-	-	-	3.5	-	-	2.9	3.1	-	2.7	2.8	-	70			
74	-	-	-	-	-	-	2.9	-	-	2.4	-	-	2.2	2.4	-	74			
78	-	-	-	-	-	-	-	-	-	1.9	-	-	1.7	-	-	78			
82	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	82			

80.0 t		9.31 m x 8.30 m						7.1 m + 4.7 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
12	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	16.7	16.7	-	13.1	-	-	12.0	-	-	-	-	-	-	-	-	14			
16	16.7	16.7	15.5	13.1	13.1	-	12.0	12.0	-	10.0	-	-	-	-	-	16			
18	16.7	16.5	14.8	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	-	7.6	-	-	18			
20	16.7	15.9	14.2	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	20			
22	16.1	15.2	13.7	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	22			
24	15.2	14.5	13.2	13.1	13.0	12.8	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	24			
26	14.4	13.9	12.7	12.6	12.3	12.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	26			
28	13.7	13.3	12.3	11.9	11.6	11.5	12.0	11.7	11.6	10.0	10.0	10.0	7.6	7.6	7.6	28			
30	13.0	12.8	11.8	11.3	11.0	10.9	11.5	11.2	11.0	10.0	9.9	9.7	7.6	7.6	7.6	30			
32	12.4	12.2	11.3	10.8	10.5	10.4	10.9	10.6	10.5	9.7	9.5	9.3	7.6	7.6	7.6	32			
34	11.9	11.6	10.9	10.2	10.0	9.9	10.4	10.2	10.1	9.3	9.1	9.0	7.6	7.6	7.6	34			
36	11.4	11.1	10.5	9.7	9.6	9.5	9.9	9.7	9.6	8.9	8.7	8.6	7.6	7.6	7.5	36			
38	10.9	10.7	10.2	9.3	9.1	9.1	9.5	9.3	9.2	8.5	8.3	8.3	7.4	7.3	7.1	38			
40	10.3	10.2	-	8.9	8.7	8.7	9.1	8.9	8.9	8.1	8.0	7.9	7.0	6.9	6.8	40			
42	9.6	9.8	-	8.5	8.4	8.3	8.7	8.6	8.5	7.8	7.6	7.6	6.6	6.5	6.5	42			
44	8.7	8.9	-	8.2	8.0	-	8.4	8.2	8.2	7.4	7.3	7.3	6.2	6.2	6.2	44			
46	7.9	8.1	-	7.8	7.7	-	8.0	7.9	-	7.1	7.0	7.0	5.9	5.8	5.8	46			
48	7.2	7.3	-	7.5	7.4	-	7.5	7.6	-	6.9	6.8	6.8	5.6	5.5	5.5	48			
50	6.8	6.8	-	7.2	7.1	-	6.8	7.0	-	6.6	6.5	-	5.3	5.2	5.3	50			
54	6.1	-	-	6.2	6.3	-	6.0	5.9	-	5.9	6.0	-	4.7	4.7	-	54			
58	5.5	-	-	5.3	-	-	5.4	5.5	-	4.9	5.0	-	4.2	4.3	-	58			
62	-	-	-	4.9	-	-	4.5	-	-	4.0	4.1	-	3.7	3.8	-	62			
66	-	-	-	-	-	-	3.8	-	-	3.2	-	-	3.2	3.3	-	66			
70	-	-	-	-	-	-	-	-	-	2.6	-	-	2.5	2.6	-	70			
74	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	74			

油圧チルトジブ+エクステンション

49.6 t		9.31 m x 8.30 m						7.1 m + 34.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
18	3.1	-	-	2.9	-	-	2.7	-	-	-	-	-	-	-	-	18
20	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	-	-	-	20
22	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	22
24	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	24
26	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	26
28	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	28
30	3.1	2.5	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	30
32	3.0	2.4	-	2.8	2.3	-	2.7	2.3	-	2.4	-	-	1.7	-	-	32
34	2.9	2.4	-	2.8	2.3	-	2.7	2.2	-	2.4	2.1	-	1.7	-	-	34
36	2.9	2.3	-	2.7	2.2	-	2.6	2.2	-	2.4	2.1	-	1.7	-	-	36
38	2.8	2.3	1.8	2.6	2.1	-	2.6	2.1	-	2.4	2.0	-	1.7	1.7	-	38
40	2.7	2.2	1.7	2.6	2.1	1.7	2.5	2.1	-	2.4	2.0	-	1.7	1.7	-	40
42	2.6	2.1	1.6	2.5	2.0	1.6	2.5	2.0	1.6	2.3	1.9	-	1.7	1.7	-	42
44	2.6	2.0	1.6	2.4	2.0	1.6	2.4	2.0	1.6	2.3	1.9	1.6	1.7	1.7	-	44
46	2.5	1.9	1.5	2.4	1.9	1.5	2.4	1.9	1.5	2.2	1.9	1.5	1.7	1.7	1.5	46
48	2.3	1.8	1.4	2.3	1.8	1.5	2.3	1.8	1.5	2.2	1.8	1.5	1.7	1.7	1.5	48
50	2.2	1.7	1.4	2.3	1.7	1.4	2.3	1.8	1.4	2.1	1.8	1.4	1.7	1.7	1.4	50
54	1.9	1.5	1.3	2.0	1.6	1.3	2.1	1.6	1.3	2.1	1.6	1.3	1.7	1.6	1.3	54
58	1.7	1.4	1.2	1.8	1.4	1.2	1.9	1.5	1.2	2.0	1.5	1.2	1.7	1.5	1.2	58
62	1.5	1.2	1.1	1.6	1.3	1.1	1.7	1.3	1.1	1.6	1.4	1.1	1.4	1.4	1.2	62
66	1.3	1.1	1.0	1.4	1.2	1.0	1.5	1.2	1.0	1.1	1.3	1.1	-	1.2	1.1	66
70	1.2	1.0	-	1.3	1.1	1.0	1.0	1.1	1.0	-	1.2	1.0	-	1.1	1.0	70
74	1.1	-	-	1.0	1.0	-	-	1.0	-	-	-	-	-	-	-	74

49.6 t		9.31 m x 8.30 m						7.1 m + 28.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	4.1	-	-	3.7	-	-	3.3	-	-	-	-	-	-	-	-	16
18	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	-	-	-	18
20	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	20
22	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	22
24	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	24
26	4.1	3.7	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	26
28	4.1	3.7	-	3.7	3.5	-	3.5	-	-	3.1	-	-	2.8	-	-	28
30	4.1	3.6	-	3.7	3.4	-	3.5	3.4	-	3.1	-	-	2.8	-	-	30
32	4.1	3.4	-	3.7	3.4	-	3.5	3.3	-	3.1	3.1	-	2.8	-	-	32
34	4.1	3.2	2.6	3.7	3.3	-	3.5	3.2	-	3.1	3.1	-	2.8	2.8	-	34
36	4.1	3.1	2.5	3.7	3.1	2.5	3.5	3.1	-	3.1	3.0	-	2.8	2.8	-	36
38	4.0	2.9	2.4	3.7	3.0	2.4	3.5	3.0	2.4	3.1	3.0	-	2.8	2.8	-	38
40	3.7	2.8	2.3	3.7	2.8	2.3	3.5	2.9	2.3	3.1	2.9	2.3	2.8	2.8	2.3	40
42	3.5	2.7	2.2	3.6	2.7	2.2	3.5	2.7	2.2	3.1	2.8	2.2	2.8	2.7	2.3	42
44	3.3	2.5	2.1	3.4	2.6	2.2	3.5	2.6	2.2	3.1	2.7	2.2	2.8	2.7	2.2	44
46	3.1	2.4	2.1	3.2	2.5	2.1	3.4	2.5	2.1	3.1	2.6	2.1	2.8	2.6	2.1	46
48	2.9	2.3	2.0	3.1	2.4	2.0	3.2	2.4	2.0	3.1	2.5	2.0	2.8	2.5	2.1	48
50	2.8	2.2	1.9	2.9	2.3	1.9	3.0	2.3	2.0	3.1	2.4	2.0	2.8	2.4	2.0	50
54	2.5	2.0	1.8	2.6	2.1	1.8	2.7	2.2	1.9	2.8	2.2	1.9	2.5	2.2	1.9	54
58	2.2	1.9	1.7	2.4	1.9	1.7	2.5	2.0	1.8	2.3	2.0	1.8	2.0	2.0	1.8	58
62	2.0	1.7	1.6	2.1	1.8	1.6	2.1	1.9	1.7	1.6	1.9	1.7	1.4	1.8	1.7	62
66	1.8	1.6	-	1.9	1.7	1.5	1.5	1.7	1.6	1.0	1.8	1.6	-	1.6	1.6	66
70	1.7	1.5	-	1.4	1.6	-	1.0	1.6	1.5	-	1.2	1.5	-	1.0	1.5	70
74	1.4	1.4	-	1.0	1.4	-	-	1.1	-	-	-	1.0	-	-	-	74
78	1.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	78

49.6 t		9.31 m x 8.30 m						7.1 m + 22.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	5.6	-	-	4.9	-	-	4.6	-	-	-	-	-	-	-	-	-	16		
18	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	-	-	-	-	18		
20	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	-	20		
22	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	-	22		
24	5.6	5.4	-	4.9	4.9	-	4.6	-	-	4.0	-	-	3.6	-	-	-	24		
26	5.6	5.1	-	4.9	4.9	-	4.6	4.6	-	4.0	-	-	3.6	-	-	-	26		
28	5.6	4.8	-	4.9	4.9	-	4.6	4.6	-	4.0	4.0	-	3.6	-	-	-	28		
30	5.6	4.6	3.7	4.9	4.6	-	4.6	4.6	-	4.0	4.0	-	3.6	3.6	-	-	30		
32	5.6	4.3	3.5	4.9	4.4	3.5	4.6	4.4	3.6	4.0	4.0	-	3.6	3.6	-	-	32		
34	5.6	4.1	3.4	4.9	4.2	3.4	4.6	4.2	3.4	4.0	4.0	3.4	3.6	3.6	-	-	34		
36	5.2	3.9	3.3	4.9	4.0	3.3	4.6	4.1	3.3	4.0	4.0	3.3	3.6	3.6	3.3	-	36		
38	4.9	3.8	3.2	4.9	3.8	3.2	4.6	3.9	3.2	4.0	3.9	3.2	3.6	3.6	3.2	-	38		
40	4.6	3.6	3.1	4.8	3.7	3.1	4.6	3.7	3.1	4.0	3.8	3.1	3.6	3.6	3.2	-	40		
42	4.4	3.5	3.0	4.5	3.5	3.0	4.6	3.6	3.0	4.0	3.6	3.0	3.6	3.5	3.1	-	42		
44	4.1	3.3	2.9	4.3	3.4	2.9	4.5	3.5	2.9	4.0	3.5	3.0	3.6	3.4	3.0	-	44		
46	3.9	3.2	2.8	4.1	3.3	2.8	4.2	3.3	2.9	4.0	3.4	2.9	3.6	3.2	2.9	-	46		
48	3.7	3.0	2.7	3.9	3.1	2.7	4.0	3.2	2.8	4.0	3.3	2.8	3.6	3.1	2.8	-	48		
50	3.5	2.9	2.6	3.7	3.0	2.7	3.8	3.1	2.7	3.9	3.2	2.7	3.4	3.0	2.7	-	50		
54	3.2	2.7	2.5	3.3	2.8	2.5	3.5	2.9	2.6	3.0	2.9	2.6	2.8	2.7	2.5	-	54		
58	2.9	2.5	2.4	3.0	2.6	2.4	2.7	2.7	2.5	2.2	2.8	2.5	2.0	2.5	2.4	-	58		
62	2.6	2.4	-	2.5	2.5	2.3	2.1	2.5	2.3	1.5	2.2	2.4	1.3	2.0	2.2	-	62		
66	2.3	2.2	-	1.9	2.3	-	1.5	2.0	-	1.0	1.5	1.9	-	1.4	1.8	-	66		
70	1.8	2.1	-	1.4	1.8	-	1.0	1.4	-	-	-	-	-	-	1.1	-	70		
74	1.4	-	-	1.0	1.2	-	-	-	-	-	-	-	-	-	-	-	74		

49.6 t		9.31 m x 8.30 m						7.1 m + 16.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
12	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	7.6	-	-	6.5	-	-	5.6	-	-	-	-	-	-	-	-	-	14		
16	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	-	-	-	-	16		
18	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	-	18		
20	7.6	7.6	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	-	20		
22	7.6	7.4	-	6.5	6.5	-	6.1	6.1	-	5.2	-	-	4.6	-	-	-	22		
24	7.6	7.0	5.5	6.5	6.5	-	6.1	6.1	-	5.2	5.2	-	4.6	-	-	-	24		
26	7.6	6.6	5.3	6.5	6.5	5.4	6.1	6.1	-	5.2	5.2	-	4.6	4.6	-	-	26		
28	7.6	6.3	5.1	6.5	6.3	5.2	6.1	6.1	5.2	5.2	5.2	-	4.6	4.6	-	-	28		
30	7.6	6.0	4.9	6.5	6.0	5.0	6.1	6.1	5.0	5.2	5.2	5.0	4.6	4.6	-	-	30		
32	7.6	5.7	4.8	6.5	5.8	4.8	6.1	5.9	4.8	5.2	5.2	4.8	4.6	4.6	4.6	-	32		
34	7.1	5.4	4.6	6.5	5.5	4.6	6.1	5.6	4.7	5.2	5.2	4.7	4.6	4.6	4.6	-	34		
36	6.6	5.2	4.4	6.5	5.3	4.5	6.1	5.4	4.5	5.2	5.2	4.6	4.6	4.6	4.5	-	36		
38	6.3	5.0	4.3	6.5	5.1	4.4	6.1	5.2	4.4	5.2	5.2	4.4	4.6	4.6	4.3	-	38		
40	5.9	4.7	4.2	6.1	4.9	4.2	6.1	5.0	4.3	5.2	5.1	4.3	4.6	4.6	4.2	-	40		
42	5.6	4.6	4.0	5.8	4.7	4.1	6.0	4.8	4.2	5.2	4.9	4.2	4.6	4.4	4.0	-	42		
44	5.2	4.4	3.9	5.5	4.5	4.0	5.5	4.6	4.1	5.2	4.7	4.1	4.6	4.2	3.9	-	44		
46	5.0	4.2	3.8	5.2	4.3	3.9	5.3	4.5	3.9	4.9	4.6	4.0	4.5	4.0	3.7	-	46		
48	4.7	4.1	3.7	5.0	4.2	3.8	4.8	4.3	3.8	4.3	4.4	3.9	4.1	3.9	3.6	-	48		
50	4.5	3.9	3.6	4.7	4.0	3.7	4.3	4.2	3.8	3.8	4.3	3.8	3.6	3.7	3.5	-	50		
54	4.1	3.6	-	3.8	3.8	3.5	3.4	3.9	3.6	2.9	3.5	3.6	2.7	3.3	3.3	-	54		
58	3.5	3.4	-	3.1	3.5	-	2.6	3.1	3.4	2.1	2.6	3.0	1.9	2.5	2.9	-	58		
62	2.8	3.1	-	2.4	2.7	-	2.0	2.4	-	1.4	1.9	2.2	1.3	1.7	2.1	-	62		
66	2.3	-	-	1.8	2.1	-	1.4	1.7	-	-	1.3	-	-	1.1	1.4	-	66		
70	1.8	-	-	1.3	-	-	-	1.2	-	-	-	-	-	-	-	-	70		

油圧チルトジブ+エクステンション

49.6 t		9.31 m x 8.30 m						7.1 m + 10.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
11	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	8.6	-	-	8.7	-	-	8.1	-	-	-	-	-	-	-	-	14
16	8.6	10.3	-	8.7	-	-	8.1	-	-	6.9	-	-	5.9	-	-	16
18	11.7	10.6	-	8.7	8.7	-	8.1	7.4	-	6.9	-	-	5.9	-	-	18
20	11.7	10.2	8.6	8.7	8.7	-	8.1	8.1	-	6.9	6.9	-	5.9	-	-	20
22	11.7	9.9	8.3	8.7	8.7	8.4	8.1	8.1	7.4	6.9	6.9	-	5.9	5.9	-	22
24	11.7	9.6	8.0	8.7	8.7	8.1	8.1	8.1	8.1	6.9	6.9	6.9	5.9	5.9	-	24
26	11.6	9.1	7.6	8.7	8.7	7.8	8.1	8.1	7.8	6.9	6.9	6.9	5.9	5.9	5.9	26
28	11.1	8.6	7.3	8.7	8.7	7.5	8.1	8.1	7.5	6.9	6.9	6.9	5.9	5.9	5.9	28
30	10.5	8.2	7.1	8.7	8.5	7.2	8.1	8.1	7.3	6.9	6.9	6.9	5.9	5.9	5.9	30
32	9.8	7.8	6.8	8.7	8.1	7.0	8.1	8.1	7.1	6.9	6.9	6.9	5.9	5.9	5.9	32
34	8.9	7.4	6.6	8.7	7.8	6.7	8.1	8.0	6.8	6.9	6.9	6.9	5.9	5.9	5.9	34
36	8.4	7.1	6.3	8.5	7.4	6.5	8.1	7.6	6.6	6.9	6.9	6.7	5.9	5.9	5.8	36
38	8.0	6.8	6.1	7.9	7.1	6.3	7.3	7.3	6.4	6.9	6.9	6.5	5.9	5.9	5.6	38
40	7.4	6.5	6.0	7.1	6.8	6.1	7.0	7.0	6.2	6.7	6.6	6.3	5.9	5.8	5.4	40
42	6.6	6.3	5.8	6.5	6.6	5.9	6.5	6.3	6.1	6.0	6.4	6.2	5.8	5.5	5.2	42
44	6.1	6.0	5.6	6.3	6.1	5.8	5.8	6.1	5.9	5.3	5.9	6.0	5.1	5.2	5.0	44
46	5.8	5.7	5.5	5.7	5.8	5.6	5.2	5.7	5.7	4.7	5.2	5.6	4.5	5.0	4.9	46
48	5.6	5.5	-	5.1	5.5	5.5	4.7	5.1	5.4	4.1	4.6	4.9	4.0	4.5	4.7	48
50	5.0	5.2	-	4.6	4.9	-	4.2	4.5	4.8	3.6	4.1	4.4	3.5	3.9	4.3	50
54	4.1	4.4	-	3.7	4.0	-	3.3	3.6	-	2.7	3.1	3.4	2.6	3.0	3.3	54
58	3.4	3.6	-	2.9	3.2	-	2.5	2.8	-	2.0	2.3	-	1.8	2.2	2.4	58
62	2.7	-	-	2.3	2.5	-	1.8	2.1	-	1.3	1.6	-	1.1	1.4	-	62
66	-	-	-	1.7	-	-	1.3	1.4	-	-	1.0	-	-	-	-	66

49.6 t		9.31 m x 8.30 m						7.1 m + 4.7 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	16.7	16.7	-	13.1	-	-	12.0	-	-	-	-	-	-	-	-	14
16	16.7	16.7	15.5	13.1	13.1	-	12.0	12.0	-	10.0	-	-	-	-	-	16
18	16.7	16.5	14.8	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	-	7.6	-	-	18
20	16.7	15.9	14.2	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	20
22	16.1	15.2	13.7	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	22
24	15.2	14.5	13.2	13.1	13.0	12.8	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	24
26	14.4	13.9	12.7	12.6	12.3	12.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	26
28	12.8	13.2	12.3	11.9	11.6	11.5	12.0	11.7	11.6	10.0	10.0	10.0	7.6	7.6	7.6	28
30	11.2	11.6	11.8	11.3	11.0	10.9	11.3	11.2	11.0	10.0	9.9	9.7	7.6	7.6	7.6	30
32	10.5	10.3	10.4	10.7	10.5	10.4	10.1	10.5	10.5	9.7	9.5	9.3	7.6	7.6	7.6	32
34	10.0	9.8	9.7	9.5	9.8	9.9	9.2	9.2	9.5	9.2	9.1	9.0	7.6	7.6	7.6	34
36	8.9	9.1	9.3	8.5	8.7	8.9	8.7	8.6	8.5	8.1	8.4	8.6	7.6	7.6	7.5	36
38	7.9	8.1	8.3	8.1	8.0	8.0	7.7	8.0	8.2	7.2	7.5	7.7	7.2	7.3	7.1	38
40	7.5	7.4	-	7.3	7.6	7.6	6.9	7.1	7.3	6.3	6.6	6.8	6.4	6.7	6.8	40
42	7.0	7.1	-	6.6	6.8	6.9	6.1	6.3	6.5	5.6	5.8	6.0	5.7	5.9	6.1	42
44	6.4	6.5	-	5.9	6.1	-	5.5	5.6	5.8	4.9	5.1	5.3	5.0	5.2	5.4	44
46	5.7	5.9	-	5.3	5.4	-	4.8	5.0	-	4.3	4.5	4.6	4.4	4.6	4.7	46
48	5.2	5.3	-	4.7	4.9	-	4.3	4.4	-	3.7	3.9	4.0	3.8	4.0	4.1	48
50	4.7	4.8	-	4.2	4.3	-	3.8	3.9	-	3.2	3.4	-	3.3	3.5	3.6	50
54	3.8	-	-	3.3	3.4	-	2.9	3.0	-	2.3	2.5	-	2.4	2.5	-	54
58	3.0	-	-	2.6	-	-	2.1	2.2	-	1.6	1.7	-	1.6	1.7	-	58
62	-	-	-	1.9	-	-	1.5	-	-	-	1.0	-	-	1.0	-	62

35.5 t		9.31 m x 8.30 m						7.1 m + 34.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
16	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
18	3.1	-	-	-	2.9	-	-	2.7	-	-	-	-	-	-	-	-	18		
20	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	-	-	-	20		
22	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	22		
24	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	24		
26	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	26		
28	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	28		
30	3.1	2.5	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	30		
32	3.0	2.4	-	-	2.8	2.3	-	2.7	2.3	-	2.4	-	-	1.7	-	-	32		
34	2.9	2.4	-	-	2.8	2.3	-	2.7	2.2	-	2.4	2.1	-	1.7	-	-	34		
36	2.9	2.3	-	-	2.7	2.2	-	2.6	2.2	-	2.4	2.1	-	1.7	-	-	36		
38	2.8	2.3	1.8	-	2.6	2.1	-	2.6	2.1	-	2.4	2.0	-	1.7	1.7	-	38		
40	2.7	2.2	1.7	-	2.6	2.1	1.7	2.5	2.1	-	2.4	2.0	-	1.7	1.7	-	40		
42	2.6	2.1	1.6	-	2.5	2.0	1.6	2.5	2.0	1.6	2.3	1.9	-	1.7	1.7	-	42		
44	2.6	2.0	1.6	-	2.4	2.0	1.6	2.4	2.0	1.6	2.3	1.9	1.6	1.7	1.7	-	44		
46	2.5	1.9	1.5	-	2.4	1.9	1.5	2.4	1.9	1.5	2.2	1.9	1.5	1.7	1.7	1.5	46		
48	2.3	1.8	1.4	-	2.3	1.8	1.5	2.3	1.8	1.5	2.2	1.8	1.5	1.7	1.7	1.5	48		
50	2.2	1.7	1.4	-	2.3	1.7	1.4	2.2	1.8	1.4	1.9	1.8	1.4	1.5	1.7	1.4	50		
54	1.9	1.5	1.3	-	2.0	1.6	1.3	1.8	1.6	1.3	1.2	1.6	1.3	-	1.6	1.3	54		
58	1.7	1.4	1.2	-	1.6	1.4	1.2	1.2	1.5	1.2	-	1.5	1.2	-	1.4	1.2	58		
62	1.5	1.2	1.1	-	1.0	1.3	1.1	-	1.3	1.1	-	1.1	1.1	-	-	1.2	62		
66	1.0	1.1	1.0	-	-	1.2	1.0	-	-	1.0	-	-	1.1	-	-	1.0	66		
70	-	1.0	-	-	-	-	1.0	-	-	1.0	-	-	-	-	-	-	70		

35.5 t		9.31 m x 8.30 m						7.1 m + 28.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
14	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	4.1	-	-	-	3.7	-	-	3.3	-	-	-	-	-	-	-	-	16		
18	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	-	-	-	18		
20	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	20		
22	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	22		
24	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	24		
26	4.1	3.7	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	26		
28	4.1	3.7	-	-	3.7	3.5	-	3.5	-	-	3.1	-	-	2.8	-	-	28		
30	4.1	3.6	-	-	3.7	3.4	-	3.5	3.4	-	3.1	-	-	2.8	-	-	30		
32	4.1	3.4	-	-	3.7	3.4	-	3.5	3.3	-	3.1	3.1	-	2.8	-	-	32		
34	4.1	3.2	2.6	-	3.7	3.3	-	3.5	3.2	-	3.1	3.1	-	2.8	2.8	-	34		
36	4.1	3.1	2.5	-	3.7	3.1	2.5	3.5	3.1	-	3.1	3.0	-	2.8	2.8	-	36		
38	4.0	2.9	2.4	-	3.7	3.0	2.4	3.5	3.0	2.4	3.1	3.0	-	2.8	2.8	-	38		
40	3.7	2.8	2.3	-	3.7	2.8	2.3	3.5	2.9	2.3	3.1	2.9	2.3	2.8	2.8	2.3	40		
42	3.5	2.7	2.2	-	3.6	2.7	2.2	3.5	2.7	2.2	3.1	2.8	2.2	2.8	2.7	2.3	42		
44	3.3	2.5	2.1	-	3.4	2.6	2.2	3.3	2.6	2.2	3.1	2.7	2.2	2.8	2.7	2.2	44		
46	3.1	2.4	2.1	-	3.2	2.5	2.1	3.3	2.5	2.1	2.8	2.6	2.1	2.4	2.6	2.1	46		
48	2.9	2.3	2.0	-	3.0	2.4	2.0	3.0	2.4	2.0	2.3	2.5	2.0	2.0	2.5	2.1	48		
50	2.8	2.2	1.9	-	2.9	2.3	1.9	2.6	2.3	2.0	1.9	2.4	2.0	1.6	2.4	2.0	50		
54	2.5	2.0	1.8	-	2.3	2.1	1.8	1.8	2.2	1.9	1.2	2.2	1.9	-	2.0	1.9	54		
58	2.0	1.9	1.7	-	1.6	1.9	1.7	1.2	2.0	1.8	-	1.5	1.8	-	1.2	1.8	58		
62	1.5	1.7	1.6	-	1.0	1.7	1.6	-	1.3	1.7	-	-	1.5	-	-	1.3	62		
66	1.0	1.5	-	-	-	1.1	1.5	-	-	1.2	-	-	-	-	-	-	66		
70	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70		

油圧チルトジブ+エクステンション

35.5 t			9.31 m x 8.30 m			7.1 m + 22.9 m			360°							
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	5.6	-	-	4.9	-	-	4.6	-	-	-	-	-	-	-	-	16
18	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	-	-	-	18
20	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	20
22	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	22
24	5.6	5.4	-	4.9	4.9	-	4.6	-	-	4.0	-	-	3.6	-	-	24
26	5.6	5.1	-	4.9	4.9	-	4.6	4.6	-	4.0	-	-	3.6	-	-	26
28	5.6	4.8	-	4.9	4.9	-	4.6	4.6	-	4.0	4.0	-	3.6	-	-	28
30	5.6	4.6	3.7	4.9	4.6	-	4.6	4.6	-	4.0	4.0	-	3.6	3.6	-	30
32	5.6	4.3	3.5	4.9	4.4	3.5	4.6	4.4	3.6	4.0	4.0	-	3.6	3.6	-	32
34	5.6	4.1	3.4	4.9	4.2	3.4	4.6	4.2	3.4	4.0	4.0	3.4	3.6	3.6	-	34
36	5.2	3.9	3.3	4.9	4.0	3.3	4.6	4.1	3.3	4.0	4.0	3.3	3.6	3.6	3.3	36
38	4.9	3.8	3.2	4.9	3.8	3.2	4.6	3.9	3.2	4.0	3.9	3.2	3.6	3.6	3.2	38
40	4.6	3.6	3.1	4.8	3.7	3.1	4.3	3.7	3.1	4.0	3.8	3.1	3.6	3.6	3.2	40
42	4.3	3.5	3.0	4.5	3.5	3.0	4.3	3.6	3.0	3.8	3.6	3.0	3.4	3.5	3.1	42
44	4.1	3.3	2.9	4.2	3.4	2.9	3.9	3.5	2.9	3.2	3.5	3.0	2.9	3.4	3.0	44
46	3.9	3.2	2.8	3.9	3.3	2.8	3.4	3.3	2.9	2.8	3.4	2.9	2.4	3.2	2.9	46
48	3.7	3.0	2.7	3.4	3.1	2.7	3.0	3.2	2.8	2.3	3.3	2.8	2.0	3.0	2.8	48
50	3.4	2.9	2.6	3.0	3.0	2.7	2.5	3.1	2.7	1.9	2.8	2.7	1.6	2.6	2.7	50
54	2.6	2.7	2.5	2.2	2.8	2.5	1.7	2.5	2.6	1.2	2.0	2.6	-	1.7	2.4	54
58	2.0	2.5	2.4	1.5	2.1	2.4	1.1	1.7	2.2	-	1.3	1.8	-	1.0	1.6	58
62	1.4	1.8	-	1.0	1.5	1.8	-	1.1	1.5	-	-	1.1	-	-	-	62
66	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	66

35.5 t			9.31 m x 8.30 m			7.1 m + 16.9 m			360°							
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	7.6	-	-	6.5	-	-	5.6	-	-	-	-	-	-	-	-	14
16	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	-	-	-	16
18	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	18
20	7.6	7.6	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	20
22	7.6	7.4	-	6.5	6.5	-	6.1	6.1	-	5.2	-	-	4.6	-	-	22
24	7.6	7.0	5.5	6.5	6.5	-	6.1	6.1	-	5.2	5.2	-	4.6	-	-	24
26	7.6	6.6	5.3	6.5	6.5	5.4	6.1	6.1	-	5.2	5.2	-	4.6	4.6	-	26
28	7.6	6.3	5.1	6.5	6.3	5.2	6.1	6.1	5.2	5.2	5.2	-	4.6	4.6	-	28
30	7.6	6.0	4.9	6.5	6.0	5.0	6.1	6.1	5.0	5.2	5.2	5.0	4.6	4.6	-	30
32	7.3	5.7	4.8	6.5	5.8	4.8	6.1	5.9	4.8	5.2	5.2	4.8	4.6	4.6	4.6	32
34	6.8	5.4	4.6	6.5	5.5	4.6	6.1	5.6	4.7	5.2	5.2	4.7	4.6	4.6	4.6	34
36	6.6	5.2	4.4	6.3	5.3	4.5	5.6	5.4	4.5	5.2	5.2	4.6	4.6	4.6	4.5	36
38	6.1	5.0	4.3	6.0	5.1	4.4	5.6	5.2	4.4	4.9	5.2	4.4	4.6	4.6	4.3	38
40	5.8	4.7	4.2	5.5	4.9	4.2	5.0	5.0	4.3	4.3	5.1	4.3	3.9	4.6	4.2	40
42	5.3	4.5	4.0	4.9	4.7	4.1	4.4	4.8	4.2	3.7	4.6	4.2	3.4	4.3	4.0	42
44	4.8	4.4	3.9	4.3	4.5	4.0	3.9	4.6	4.1	3.2	4.0	4.1	2.9	3.7	3.9	44
46	4.2	4.2	3.8	3.8	4.3	3.9	3.3	4.0	3.9	2.7	3.5	4.0	2.4	3.2	3.7	46
48	3.7	4.0	3.7	3.3	3.9	3.8	2.8	3.5	3.8	2.3	3.0	3.6	2.0	2.7	3.3	48
50	3.3	3.8	3.6	2.9	3.4	3.7	2.4	3.0	3.5	1.9	2.6	3.1	1.6	2.3	2.8	50
54	2.5	3.0	-	2.1	2.6	2.9	1.6	2.2	2.6	1.1	1.7	2.2	-	1.5	2.0	54
58	1.9	2.2	-	1.4	1.8	-	1.0	1.5	1.8	-	1.0	1.4	-	-	1.2	58
62	1.3	1.6	-	-	1.2	-	-	-	-	-	-	-	-	-	-	62

35.5 t		9.31 m x 8.30 m						7.1 m + 10.9 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
11	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11			
12	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	8.6	-	-	8.7	-	-	8.1	-	-	-	-	-	-	-	-	14			
16	8.6	10.3	-	8.7	-	-	8.1	-	-	6.9	-	-	5.9	-	-	16			
18	11.7	10.6	-	8.7	8.7	-	8.1	7.4	-	6.9	-	-	5.9	-	-	18			
20	11.7	10.2	8.6	8.7	8.7	-	8.1	8.1	-	6.9	6.9	-	5.9	-	-	20			
22	11.7	9.9	8.3	8.7	8.7	8.4	8.1	8.1	7.4	6.9	6.9	-	5.9	5.9	-	22			
24	11.7	9.6	8.0	8.7	8.7	8.1	8.1	8.1	8.1	6.9	6.9	6.9	5.9	5.9	-	24			
26	10.6	9.1	7.6	8.7	8.7	7.8	8.1	8.1	7.8	6.9	6.9	6.9	5.9	5.9	5.9	26			
28	10.3	8.6	7.3	8.7	8.7	7.5	8.1	8.1	7.5	6.9	6.9	6.9	5.9	5.9	5.9	28			
30	9.6	8.2	7.1	8.7	8.5	7.2	8.1	8.1	7.3	6.9	6.9	6.9	5.9	5.9	5.9	30			
32	8.5	7.8	6.8	7.9	8.1	7.0	7.4	8.0	7.1	6.9	6.9	6.9	5.9	5.9	5.9	32			
34	7.7	7.4	6.6	7.8	7.7	6.7	7.1	7.4	6.8	6.4	6.9	6.9	5.9	5.9	5.9	34			
36	7.3	7.1	6.3	6.9	7.0	6.5	6.3	7.0	6.6	5.6	6.3	6.7	5.2	5.9	5.8	36			
38	6.6	6.7	6.1	6.1	6.7	6.3	5.6	6.2	6.4	4.9	5.5	6.1	4.5	5.2	5.6	38			
40	5.8	6.3	6.0	5.4	5.9	6.1	4.9	5.5	5.9	4.2	4.9	5.4	3.9	4.6	5.1	40			
42	5.2	5.6	5.8	4.7	5.2	5.6	4.3	4.8	5.2	3.7	4.2	4.7	3.3	3.9	4.4	42			
44	4.6	5.0	5.3	4.1	4.6	4.9	3.7	4.2	4.6	3.1	3.7	4.1	2.8	3.4	3.8	44			
46	4.1	4.4	4.7	3.6	4.0	4.3	3.2	3.6	4.0	2.6	3.1	3.5	2.4	2.9	3.3	46			
48	3.6	3.9	-	3.1	3.5	3.8	2.7	3.1	3.4	2.1	2.6	3.0	1.9	2.4	2.8	48			
50	3.2	3.5	-	2.7	3.1	-	2.3	2.7	2.9	1.7	2.2	2.5	1.5	2.0	2.3	50			
54	2.4	2.6	-	1.9	2.2	-	1.5	1.8	-	1.0	1.3	1.6	-	1.2	1.5	54			
58	1.7	1.9	-	1.3	1.5	-	-	1.1	-	-	-	-	-	-	-	58			
62	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62			

35.5 t		9.31 m x 8.30 m						7.1 m + 4.7 m						360°					
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
12	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	16.7	16.7	-	13.1	-	-	12.0	-	-	-	-	-	-	-	-	14			
16	16.7	16.7	15.5	13.1	13.1	-	12.0	12.0	-	10.0	-	-	-	-	-	16			
18	16.7	16.5	14.8	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	-	7.6	-	-	18			
20	16.3	15.9	14.2	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	20			
22	14.1	14.6	13.7	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	22			
24	13.2	12.9	13.1	13.0	13.0	12.8	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	24			
26	12.2	12.1	12.0	11.4	11.9	12.1	10.9	11.0	11.3	10.0	10.0	10.0	7.6	7.6	7.6	26			
28	10.8	11.2	11.4	10.6	10.4	10.7	10.2	10.3	10.1	9.3	9.7	10.0	7.6	7.6	7.6	28			
30	9.8	9.8	10.0	9.7	9.7	9.6	9.0	9.3	9.6	8.2	8.5	8.8	7.6	7.6	7.6	30			
32	9.0	9.1	9.0	8.5	8.8	9.0	7.9	8.3	8.5	7.1	7.5	7.8	6.9	7.2	7.5	32			
34	7.9	8.2	8.3	7.4	7.7	7.9	7.0	7.3	7.5	6.2	6.6	6.8	6.0	6.3	6.6	34			
36	7.0	7.2	7.4	6.5	6.8	6.9	6.1	6.3	6.5	5.4	5.7	5.9	5.2	5.5	5.7	36			
38	6.2	6.4	6.5	5.7	5.9	6.1	5.2	5.5	5.7	4.7	5.0	5.1	4.5	4.8	5.0	38			
40	5.4	5.6	-	5.0	5.2	5.3	4.5	4.7	4.9	4.0	4.2	4.4	3.9	4.1	4.3	40			
42	4.8	4.9	-	4.3	4.5	4.6	3.9	4.1	4.2	3.3	3.6	3.7	3.3	3.5	3.7	42			
44	4.2	4.3	-	3.7	3.9	-	3.3	3.5	3.6	2.7	3.0	3.1	2.7	3.0	3.1	44			
46	3.7	3.8	-	3.2	3.4	-	2.8	2.9	-	2.2	2.4	2.5	2.2	2.5	2.6	46			
48	3.2	3.3	-	2.7	2.9	-	2.3	2.5	-	1.7	1.9	2.0	1.8	2.0	2.1	48			
50	2.8	2.9	-	2.3	2.4	-	1.9	2.0	-	1.3	1.5	-	1.4	1.5	1.7	50			
54	2.0	-	-	1.6	1.7	-	1.1	1.2	-	-	-	-	-	-	-	54			
58	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58			

油圧チルトジブ+エクステンション

25.5 t		9.31 m x 8.30 m						7.1 m + 34.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	
16	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
18	3.1	-	-	2.9	-	-	2.7	-	-	-	-	-	-	-	-	18
20	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	-	-	-	20
22	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	22
24	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	24
26	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	26
28	3.1	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	28
30	3.1	2.5	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	30
32	3.0	2.4	-	2.8	2.3	-	2.7	2.3	-	2.4	-	-	1.7	-	-	32
34	2.9	2.4	-	2.8	2.3	-	2.7	2.2	-	2.4	2.1	-	1.7	-	-	34
36	2.9	2.3	-	2.7	2.2	-	2.6	2.2	-	2.4	2.1	-	1.7	-	-	36
38	2.8	2.3	1.8	2.6	2.1	-	2.6	2.1	-	2.4	2.0	-	1.7	1.7	-	38
40	2.6	2.2	1.7	2.6	2.1	1.7	2.4	2.1	-	2.4	2.0	-	1.7	1.7	-	40
42	2.5	2.1	1.6	2.5	2.0	1.6	2.4	2.0	1.6	1.9	1.9	-	1.5	1.7	-	42
44	2.5	2.0	1.6	2.4	2.0	1.6	2.1	2.0	1.6	1.5	1.9	1.6	1.1	1.7	-	44
46	2.3	1.9	1.5	2.3	1.9	1.5	1.7	1.9	1.5	1.1	1.9	1.5	-	1.7	1.5	46
48	2.3	1.8	1.4	1.9	1.8	1.5	1.4	1.8	1.5	-	1.8	1.5	-	1.7	1.5	48
50	2.1	1.7	1.4	1.6	1.7	1.4	1.0	1.8	1.4	-	1.8	1.4	-	1.5	1.4	50
54	1.4	1.5	1.3	-	1.5	1.3	-	1.5	1.3	-	1.0	1.3	-	-	1.3	54
58	-	1.4	1.2	-	1.3	1.2	-	-	1.2	-	-	1.2	-	-	1.1	58
62	-	1.1	1.1	-	-	1.1	-	-	1.1	-	-	-	-	-	-	62
66	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	66

25.5 t		9.31 m x 8.30 m						7.1 m + 28.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	
14	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	4.1	-	-	3.7	-	-	3.3	-	-	-	-	-	-	-	-	16
18	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	-	-	-	18
20	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	20
22	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	22
24	4.1	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	24
26	4.1	3.7	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	26
28	4.1	3.7	-	3.7	3.5	-	3.5	-	-	3.1	-	-	2.8	-	-	28
30	4.1	3.6	-	3.7	3.4	-	3.5	3.4	-	3.1	-	-	2.8	-	-	30
32	4.1	3.4	-	3.7	3.4	-	3.5	3.3	-	3.1	3.1	-	2.8	-	-	32
34	4.1	3.2	2.6	3.7	3.3	-	3.5	3.2	-	3.1	3.1	-	2.8	2.8	-	34
36	3.9	3.1	2.5	3.7	3.1	2.5	3.5	3.1	-	3.1	3.0	-	2.8	2.8	-	36
38	3.8	2.9	2.4	3.6	3.0	2.4	3.3	3.0	2.4	2.9	3.0	-	2.6	2.8	-	38
40	3.7	2.8	2.3	3.5	2.8	2.3	3.1	2.9	2.3	2.4	2.9	2.3	2.0	2.8	2.3	40
42	3.4	2.7	2.2	3.2	2.7	2.2	2.6	2.7	2.2	2.0	2.8	2.2	1.6	2.7	2.3	42
44	3.2	2.5	2.1	2.7	2.6	2.2	2.2	2.6	2.2	1.5	2.7	2.2	1.2	2.6	2.2	44
46	2.9	2.4	2.1	2.3	2.5	2.1	1.8	2.5	2.1	1.1	2.4	2.1	-	2.1	2.1	46
48	2.4	2.3	2.0	2.0	2.4	2.0	1.4	2.4	2.0	-	2.0	2.0	-	1.7	2.1	48
50	2.1	2.2	1.9	1.6	2.3	1.9	1.1	2.1	2.0	-	1.6	2.0	-	1.3	2.0	50
54	1.4	2.0	1.8	1.0	1.8	1.8	-	1.4	1.9	-	-	1.7	-	-	1.4	54
58	-	1.5	1.7	-	1.2	1.7	-	-	1.4	-	-	-	-	-	-	58
62	-	-	1.4	-	-	1.1	-	-	-	-	-	-	-	-	-	62

25.5 t		9.31 m x 8.30 m						7.1 m + 22.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	5.6	-	-	4.9	-	-	4.6	-	-	-	-	-	-	-	-	16
18	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	-	-	-	18
20	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	20
22	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	22
24	5.6	5.4	-	4.9	4.9	-	4.6	-	-	4.0	-	-	3.6	-	-	24
26	5.6	5.1	-	4.9	4.9	-	4.6	4.6	-	4.0	-	-	3.6	-	-	26
28	5.6	4.8	-	4.9	4.9	-	4.6	4.6	-	4.0	4.0	-	3.6	-	-	28
30	5.6	4.6	3.7	4.9	4.6	-	4.6	4.6	-	4.0	4.0	-	3.6	3.6	-	30
32	5.1	4.3	3.5	4.9	4.4	3.5	4.6	4.4	3.6	4.0	4.0	-	3.6	3.6	-	32
34	5.1	4.1	3.4	4.9	4.2	3.4	4.3	4.2	3.4	4.0	4.0	3.4	3.6	3.6	-	34
36	4.8	3.9	3.3	4.6	4.0	3.3	4.3	4.1	3.3	3.5	4.0	3.3	3.2	3.6	3.3	36
38	4.8	3.8	3.2	4.3	3.8	3.2	3.7	3.9	3.2	3.0	3.9	3.2	2.6	3.6	3.2	38
40	4.3	3.6	3.1	3.7	3.7	3.1	3.1	3.7	3.1	2.4	3.7	3.1	2.1	3.3	3.2	40
42	3.8	3.4	3.0	3.2	3.5	3.0	2.6	3.6	3.0	2.0	3.1	3.0	1.6	2.8	3.1	42
44	3.2	3.3	2.9	2.8	3.4	2.9	2.2	3.2	2.9	1.5	2.6	3.0	1.2	2.3	3.0	44
46	2.8	3.1	2.8	2.3	3.2	2.8	1.8	2.7	2.9	1.1	2.1	2.9	-	1.8	2.7	46
48	2.4	3.0	2.7	1.9	2.8	2.7	1.4	2.3	2.8	-	1.7	2.5	-	1.4	2.3	48
50	2.0	2.7	2.6	1.6	2.3	2.7	1.0	1.9	2.6	-	1.3	2.1	-	1.0	1.8	50
54	1.3	1.9	2.4	-	1.6	2.1	-	1.2	1.7	-	-	1.2	-	-	1.0	54
58	-	1.3	1.6	-	-	1.3	-	-	1.0	-	-	-	-	-	-	58

25.5 t		9.31 m x 8.30 m						7.1 m + 16.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	7.6	-	-	6.5	-	-	5.6	-	-	-	-	-	-	-	-	14
16	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	-	-	-	16
18	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	18
20	7.6	7.6	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	20
22	7.6	7.4	-	6.5	6.5	-	6.1	6.1	-	5.2	-	-	4.6	-	-	22
24	7.6	7.0	5.5	6.5	6.5	-	6.1	6.1	-	5.2	5.2	-	4.6	-	-	24
26	7.6	6.6	5.3	6.5	6.5	5.4	6.1	6.1	-	5.2	5.2	-	4.6	4.6	-	26
28	6.8	6.3	5.1	6.5	6.3	5.2	6.1	6.1	5.2	5.2	5.2	-	4.6	4.6	-	28
30	6.8	6.0	4.9	6.5	6.0	5.0	5.7	6.1	5.0	5.2	5.2	5.0	4.6	4.6	-	30
32	6.4	5.7	4.8	6.0	5.8	4.8	5.6	5.9	4.8	4.9	5.2	4.8	4.5	4.6	4.6	32
34	6.2	5.4	4.6	5.6	5.5	4.6	4.9	5.6	4.7	4.2	5.2	4.7	3.8	4.6	4.6	34
36	5.5	5.1	4.4	4.9	5.2	4.5	4.3	5.2	4.5	3.5	4.6	4.6	3.2	4.3	4.5	36
38	4.8	4.9	4.3	4.3	5.0	4.4	3.6	4.6	4.4	2.9	3.9	4.4	2.6	3.6	4.3	38
40	4.2	4.7	4.1	3.7	4.5	4.2	3.1	4.0	4.3	2.4	3.3	4.1	2.1	3.0	3.8	40
42	3.6	4.3	4.0	3.2	3.9	4.1	2.6	3.4	4.1	1.9	2.8	3.5	1.6	2.5	3.2	42
44	3.1	3.8	3.9	2.7	3.4	3.9	2.2	2.9	3.5	1.5	2.3	2.9	1.2	2.0	2.7	44
46	2.7	3.3	3.7	2.2	2.9	3.4	1.7	2.4	3.0	1.1	1.8	2.4	-	1.6	2.2	46
48	2.3	2.8	3.2	1.8	2.4	2.9	1.4	2.0	2.5	-	1.4	2.0	-	1.1	1.7	48
50	1.9	2.4	2.8	1.4	2.0	2.4	1.0	1.6	2.1	-	1.0	1.5	-	-	1.3	50
54	1.2	1.7	-	-	1.3	1.6	-	-	1.3	-	-	-	-	-	-	54
58	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	58

油圧チルトジブ+エクステンション

25.5 t		9.31 m x 8.30 m						7.1 m + 10.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
11	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
12	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	8.6	-	-	8.7	-	-	8.1	-	-	-	-	-	-	-	-	14
16	8.6	10.3	-	8.7	-	-	8.1	-	-	6.9	-	-	5.9	-	-	16
18	11.7	10.6	-	8.7	8.7	-	8.1	7.4	-	6.9	-	-	5.9	-	-	18
20	11.7	10.2	8.6	8.7	8.7	-	8.1	8.1	-	6.9	6.9	-	5.9	-	-	20
22	10.5	9.9	8.3	8.7	8.7	8.4	8.1	8.1	7.4	6.9	6.9	-	5.9	5.9	-	22
24	10.3	9.6	8.0	8.7	8.7	8.1	8.1	8.1	8.1	6.9	6.9	6.9	5.9	5.9	-	24
26	9.2	8.9	7.6	8.5	8.7	7.8	7.7	8.1	7.8	6.9	6.9	6.9	5.9	5.9	5.9	26
28	8.6	8.5	7.3	7.9	8.3	7.5	7.4	7.5	7.5	6.7	6.9	6.9	5.9	5.9	5.9	28
30	7.9	8.0	7.1	7.2	7.9	7.2	6.5	7.3	7.3	5.7	6.6	6.9	5.3	5.9	5.9	30
32	7.0	7.6	6.8	6.3	7.0	7.0	5.6	6.4	7.1	4.9	5.7	6.4	4.5	5.4	5.9	32
34	6.2	6.8	6.6	5.5	6.2	6.7	4.9	5.6	6.2	4.1	4.9	5.5	3.8	4.6	5.2	34
36	5.4	5.9	6.3	4.8	5.4	5.9	4.2	4.9	5.4	3.5	4.2	4.8	3.1	3.9	4.5	36
38	4.7	5.2	5.6	4.2	4.8	5.2	3.6	4.2	4.7	2.9	3.5	4.1	2.5	3.2	3.8	38
40	4.0	4.5	4.9	3.6	4.1	4.5	3.0	3.6	4.0	2.3	2.9	3.4	2.0	2.7	3.2	40
42	3.5	3.9	4.2	3.0	3.5	3.9	2.5	3.1	3.5	1.8	2.4	2.9	1.5	2.1	2.6	42
44	3.0	3.4	3.7	2.5	3.0	3.3	2.1	2.6	2.9	1.4	1.9	2.3	1.1	1.7	2.1	44
46	2.5	2.9	3.1	2.1	2.5	2.8	1.6	2.1	2.4	1.0	1.5	1.8	-	1.2	1.6	46
48	2.1	2.5	-	1.7	2.1	2.3	1.2	1.6	1.9	-	1.1	1.4	-	-	1.2	48
50	1.7	2.1	-	1.3	1.6	-	-	1.2	1.5	-	-	1.0	-	-	-	50
54	1.1	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	54

25.5 t		9.31 m x 8.30 m						7.1 m + 4.7 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	16.7	16.7	-	13.1	-	-	12.0	-	-	-	-	-	-	-	-	14
16	16.7	16.7	15.5	13.1	13.1	-	12.0	12.0	-	10.0	-	-	-	-	-	16
18	14.9	15.7	14.8	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	-	7.6	-	-	18
20	14.2	14.2	14.2	13.1	13.1	13.1	12.0	12.0	12.0	10.0	10.0	10.0	7.6	7.6	7.6	20
22	12.4	12.8	13.2	11.7	12.0	12.4	10.9	11.0	11.5	10.0	10.0	10.0	7.6	7.6	7.6	22
24	11.5	11.3	11.4	10.7	11.1	11.1	9.9	10.4	10.8	9.0	9.5	9.9	7.6	7.6	7.6	24
26	10.1	10.4	10.5	9.3	9.7	10.0	8.6	9.0	9.3	7.7	8.2	8.5	7.4	7.6	7.6	26
28	8.8	9.2	9.4	8.1	8.5	8.8	7.4	7.8	8.1	6.6	7.0	7.3	6.3	6.8	7.1	28
30	7.7	8.0	8.2	7.1	7.4	7.7	6.4	6.8	7.0	5.6	6.0	6.3	5.4	5.8	6.0	30
32	6.7	6.9	7.1	6.2	6.5	6.7	5.5	5.8	6.1	4.7	5.1	5.3	4.5	4.9	5.1	32
34	5.7	6.0	6.2	5.3	5.6	5.7	4.7	5.0	5.2	4.0	4.3	4.5	3.8	4.1	4.3	34
36	5.0	5.2	5.3	4.5	4.7	4.9	4.0	4.3	4.5	3.3	3.6	3.8	3.1	3.4	3.6	36
38	4.3	4.5	4.6	3.8	4.0	4.2	3.3	3.6	3.7	2.7	2.9	3.1	2.5	2.8	3.0	38
40	3.6	3.8	-	3.2	3.4	3.5	2.7	2.9	3.1	2.1	2.4	2.5	1.9	2.2	2.4	40
42	3.1	3.2	-	2.6	2.8	2.9	2.2	2.4	2.5	1.6	1.8	2.0	1.4	1.7	1.8	42
44	2.6	2.7	-	2.1	2.3	-	1.7	1.9	2.0	1.1	1.3	1.5	1.0	1.2	1.3	44
46	2.1	2.3	-	1.7	1.8	-	1.2	1.4	-	-	-	1.0	-	-	-	46
48	1.7	1.8	-	1.3	1.4	-	-	1.0	-	-	-	-	-	-	-	48
50	1.4	1.5	-	-	1.0	-	-	-	-	-	-	-	-	-	-	50

15.5 t		9.31 m x 8.30 m						7.1 m + 34.9 m						360°				
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
16	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
18	3.1	-	-	-	2.9	-	-	2.7	-	-	-	-	-	-	-	-	18	
20	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	-	-	-	20	
22	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	22	
24	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	24	
26	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	26	
28	3.1	-	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	28	
30	3.1	2.5	-	-	2.9	-	-	2.7	-	-	2.4	-	-	1.7	-	-	30	
32	2.9	2.4	-	-	2.8	2.3	-	2.6	2.3	-	2.4	-	-	1.7	-	-	32	
34	2.8	2.4	-	-	2.6	2.3	-	2.6	2.2	-	2.0	2.1	-	1.5	-	-	34	
36	2.7	2.3	-	-	2.6	2.2	-	2.1	2.2	-	1.4	2.1	-	1.0	-	-	36	
38	2.6	2.3	1.8	-	2.2	2.1	-	1.6	2.1	-	1.0	2.0	-	-	1.7	-	38	
40	2.3	2.2	1.7	-	1.8	2.1	1.7	1.2	2.1	-	-	2.0	-	-	1.7	-	40	
42	1.9	2.1	1.6	-	1.3	2.0	1.6	-	2.0	1.6	-	1.8	-	-	1.5	-	42	
44	1.5	2.0	1.6	-	1.0	1.9	1.6	-	1.9	1.6	-	1.4	1.6	-	1.1	-	44	
46	1.2	1.9	1.5	-	-	1.9	1.5	-	1.5	1.5	-	1.0	1.5	-	-	-	46	
48	-	1.7	1.4	-	-	1.6	1.5	-	1.1	1.5	-	-	1.5	-	-	-	48	
50	-	1.6	1.4	-	-	1.2	1.4	-	-	1.4	-	-	1.4	-	-	-	50	
54	-	1.0	1.3	-	-	-	1.3	-	-	1.1	-	-	-	-	-	-	54	
58	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	58	

15.5 t		9.31 m x 8.30 m						7.1 m + 28.9 m						360°				
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
14	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	
16	4.1	-	-	-	3.7	-	-	3.3	-	-	-	-	-	-	-	-	16	
18	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	-	-	-	18	
20	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	20	
22	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	22	
24	4.1	-	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	24	
26	4.1	3.7	-	-	3.7	-	-	3.5	-	-	3.1	-	-	2.8	-	-	26	
28	4.1	3.7	-	-	3.7	3.5	-	3.5	-	-	3.1	-	-	2.8	-	-	28	
30	3.9	3.6	-	-	3.7	3.4	-	3.3	3.4	-	3.1	-	-	2.8	-	-	30	
32	3.9	3.4	-	-	3.5	3.4	-	3.3	3.3	-	2.6	3.1	-	2.2	-	-	32	
34	3.7	3.2	2.6	-	3.3	3.3	-	2.7	3.2	-	2.0	3.1	-	1.6	2.8	-	34	
36	3.3	3.1	2.5	-	2.7	3.1	2.5	2.2	3.1	-	1.5	3.0	-	1.1	2.8	-	36	
38	2.8	2.9	2.4	-	2.2	3.0	2.4	1.7	3.0	2.4	1.0	2.6	-	-	2.3	-	38	
40	2.4	2.8	2.3	-	1.8	2.8	2.3	1.2	2.6	2.3	-	2.1	2.3	-	1.8	2.3	40	
42	2.0	2.6	2.2	-	1.4	2.6	2.2	-	2.1	2.2	-	1.6	2.2	-	1.3	2.3	42	
44	1.6	2.5	2.1	-	1.0	2.2	2.2	-	1.7	2.2	-	1.2	2.2	-	-	2.1	44	
46	1.2	2.2	2.0	-	-	1.8	2.1	-	1.3	2.1	-	-	1.9	-	-	1.6	46	
48	-	1.8	2.0	-	-	1.4	2.0	-	-	1.9	-	-	1.4	-	-	1.2	48	
50	-	1.5	1.9	-	-	1.0	1.8	-	-	1.5	-	-	1.0	-	-	-	50	
54	-	-	1.5	-	-	-	1.1	-	-	-	-	-	-	-	-	-	54	

油圧チルトジブ+エクステンション

15.5 t		9.31 m x 8.30 m						7.1 m + 22.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	5.6	-	-	4.9	-	-	4.6	-	-	-	-	-	-	-	-	16
18	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	-	-	-	18
20	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	20
22	5.6	-	-	4.9	-	-	4.6	-	-	4.0	-	-	3.6	-	-	22
24	5.6	5.4	-	4.9	4.9	-	4.6	-	-	4.0	-	-	3.6	-	-	24
26	5.1	5.1	-	4.9	4.9	-	4.6	4.6	-	4.0	-	-	3.6	-	-	26
28	5.1	4.8	-	4.8	4.9	-	4.3	4.6	-	4.0	4.0	-	3.6	-	-	28
30	4.8	4.6	3.7	4.6	4.6	-	4.0	4.6	-	3.3	4.0	-	2.9	3.6	-	30
32	4.6	4.3	3.5	4.0	4.4	3.5	3.3	4.3	3.6	2.6	4.0	-	2.2	3.6	-	32
34	3.9	4.1	3.4	3.3	4.2	3.4	2.7	4.1	3.4	2.0	3.5	3.4	1.6	3.2	-	34
36	3.4	3.9	3.3	2.8	4.0	3.3	2.2	3.5	3.3	1.5	2.9	3.3	1.1	2.6	3.3	36
38	2.9	3.7	3.2	2.3	3.4	3.2	1.7	2.9	3.2	1.0	2.3	3.2	-	2.0	3.2	38
40	2.4	3.4	3.0	1.8	2.9	3.1	1.2	2.4	3.1	-	1.8	2.8	-	1.5	2.6	40
42	2.0	2.9	2.9	1.4	2.4	3.0	-	1.9	2.8	-	1.3	2.3	-	1.0	2.0	42
44	1.6	2.4	2.8	1.0	1.9	2.7	-	1.5	2.3	-	-	1.8	-	-	1.6	44
46	1.2	2.0	2.7	-	1.5	2.3	-	1.1	1.8	-	-	1.3	-	-	1.1	46
48	-	1.6	2.2	-	1.2	1.8	-	-	1.4	-	-	-	-	-	-	48
50	-	1.3	1.8	-	-	1.4	-	-	1.0	-	-	-	-	-	-	50
54	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	54

15.5 t		9.31 m x 8.30 m						7.1 m + 16.9 m						360°		
m	51.2 m			55.4 m			59.6 m			63.8 m			70.0 m			m
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	7.6	-	-	6.5	-	-	5.6	-	-	-	-	-	-	-	-	14
16	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	-	-	-	16
18	7.6	-	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	18
20	7.6	7.6	-	6.5	-	-	6.1	-	-	5.2	-	-	4.6	-	-	20
22	7.3	7.4	-	6.5	6.5	-	6.1	6.1	-	5.2	-	-	4.6	-	-	22
24	6.8	7.0	5.5	6.5	6.5	-	5.9	6.1	-	5.2	5.2	-	4.6	-	-	24
26	6.4	6.6	5.3	6.0	6.5	5.4	5.6	6.1	-	4.9	5.2	-	4.5	4.6	-	26
28	6.2	6.2	5.1	5.5	6.1	5.2	4.8	5.6	5.2	4.1	5.2	-	3.6	4.6	-	28
30	5.3	5.9	4.9	4.7	5.8	5.0	4.0	5.3	5.0	3.3	4.6	5.0	2.9	4.2	-	30
32	4.6	5.6	4.8	4.0	5.0	4.8	3.3	4.5	4.8	2.6	3.8	4.8	2.2	3.5	4.6	32
34	3.9	4.9	4.6	3.3	4.3	4.6	2.7	3.8	4.7	2.0	3.1	4.1	1.6	2.8	3.8	34
36	3.4	4.2	4.4	2.7	3.7	4.4	2.1	3.1	4.0	1.4	2.5	3.4	1.1	2.2	3.1	36
38	2.8	3.6	4.3	2.2	3.1	3.8	1.6	2.6	3.3	-	1.9	2.8	-	1.6	2.5	38
40	2.4	3.1	3.7	1.8	2.6	3.2	1.2	2.0	2.7	-	1.4	2.2	-	1.2	1.9	40
42	1.9	2.6	3.2	1.4	2.1	2.7	-	1.6	2.2	-	1.0	1.7	-	-	1.4	42
44	1.5	2.2	2.6	1.0	1.7	2.2	-	1.1	1.7	-	-	1.2	-	-	1.0	44
46	1.1	1.7	2.2	-	1.3	1.8	-	-	1.3	-	-	-	-	-	-	46
48	-	1.3	1.7	-	-	1.3	-	-	-	-	-	-	-	-	-	48
50	-	1.0	1.3	-	-	1.0	-	-	-	-	-	-	-	-	-	50

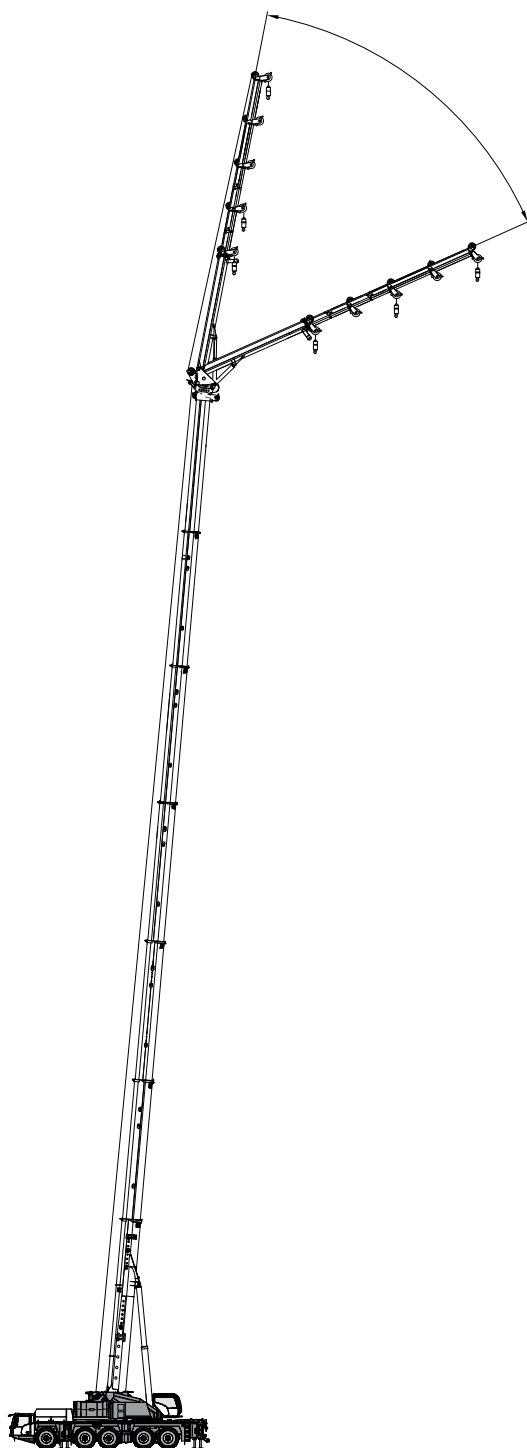
15.5 t		9.31 m x 8.30 m						7.1 m + 10.9 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
11	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11		
12	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	8.6	-	-	-	8.7	-	-	8.1	-	-	-	-	-	-	-	-	14		
16	8.6	10.3	-	-	8.7	-	-	8.1	-	-	6.9	-	-	5.9	-	-	16		
18	10.5	10.6	-	-	8.7	8.7	-	8.1	7.4	-	6.9	-	-	5.9	-	-	18		
20	10.2	10.1	8.6	-	8.7	8.7	-	8.1	8.1	-	6.9	6.9	-	5.9	-	-	20		
22	8.7	9.6	8.3	-	8.0	8.7	8.4	7.4	8.1	7.4	6.9	6.9	-	5.9	5.9	-	22		
24	8.3	8.6	8.0	-	7.5	7.9	8.1	6.8	7.4	8.0	6.0	6.9	6.9	5.5	5.9	-	24		
26	7.1	8.0	7.6	-	6.4	7.4	7.7	5.7	6.7	7.4	4.9	6.0	6.9	4.5	5.6	5.9	26		
28	6.1	6.9	7.3	-	5.5	6.3	7.0	4.8	5.7	6.5	4.0	5.0	5.8	3.6	4.6	5.4	28		
30	5.3	6.0	6.6	-	4.6	5.4	6.1	4.0	4.8	5.5	3.2	4.1	4.9	2.9	3.8	4.5	30		
32	4.5	5.2	5.8	-	3.9	4.6	5.2	3.3	4.0	4.7	2.5	3.3	4.0	2.2	3.0	3.7	32		
34	3.9	4.5	5.0	-	3.2	3.9	4.4	2.6	3.3	3.9	1.9	2.7	3.3	1.6	2.4	3.0	34		
36	3.3	3.8	4.3	-	2.7	3.3	3.8	2.1	2.7	3.2	1.3	2.1	2.6	1.0	1.8	2.4	36		
38	2.7	3.3	3.7	-	2.1	2.7	3.2	1.5	2.2	2.6	-	1.5	2.0	-	1.2	1.8	38		
40	2.2	2.7	3.1	-	1.7	2.2	2.6	1.1	1.7	2.1	-	1.0	1.5	-	-	1.3	40		
42	1.8	2.2	2.5	-	1.3	1.7	2.1	-	1.2	1.6	-	-	1.0	-	-	-	42		
44	1.4	1.8	2.0	-	-	1.3	1.6	-	-	1.1	-	-	-	-	-	-	44		
46	1.0	1.4	1.6	-	-	-	1.2	-	-	-	-	-	-	-	-	-	46		
48	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48		

15.5 t		9.31 m x 8.30 m						7.1 m + 4.7 m						360°					
		51.2 m			55.4 m			59.6 m			63.8 m			70.0 m					
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m		
12	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	16.2	16.7	-	-	13.1	-	-	12.0	-	-	-	-	-	-	-	-	14		
16	14.2	14.2	14.6	-	13.1	13.1	-	12.0	12.0	-	10.0	-	-	-	-	-	16		
18	12.9	13.0	13.6	-	11.7	12.1	12.7	10.9	11.1	11.7	10.0	10.0	-	7.6	-	-	18		
20	11.3	11.8	12.2	-	10.5	11.0	11.4	9.6	10.2	10.7	8.7	9.3	9.8	7.6	7.6	7.6	20		
22	9.6	10.1	10.4	-	8.8	9.3	9.7	8.1	8.6	9.0	7.2	7.7	8.2	6.9	7.4	7.6	22		
24	8.2	8.6	9.0	-	7.5	7.9	8.3	6.7	7.2	7.6	5.9	6.4	6.8	5.6	6.1	6.5	24		
26	7.0	7.4	7.7	-	6.3	6.7	7.0	5.6	6.0	6.4	4.8	5.3	5.6	4.6	5.0	5.4	26		
28	6.0	6.3	6.6	-	5.3	5.7	6.0	4.7	5.0	5.3	3.9	4.3	4.6	3.7	4.1	4.4	28		
30	5.1	5.4	5.7	-	4.5	4.8	5.0	3.8	4.2	4.4	3.1	3.4	3.7	2.9	3.2	3.5	30		
32	4.3	4.6	4.8	-	3.7	4.0	4.2	3.1	3.4	3.6	2.3	2.7	2.9	2.2	2.5	2.8	32		
34	3.6	3.8	4.0	-	3.1	3.3	3.5	2.4	2.7	2.9	1.7	2.0	2.2	1.5	1.9	2.1	34		
36	2.9	3.2	3.3	-	2.5	2.7	2.9	1.9	2.1	2.3	1.1	1.4	1.6	1.0	1.3	1.5	36		
38	2.3	2.5	2.7	-	1.9	2.1	2.3	1.3	1.6	1.7	-	-	1.1	-	-	-	38		
40	1.8	2.0	-	-	1.4	1.6	1.7	-	1.1	1.2	-	-	-	-	-	-	40		
42	1.4	1.5	-	-	-	1.1	1.2	-	-	-	-	-	-	-	-	-	42		
44	1.0	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44		

MEMO

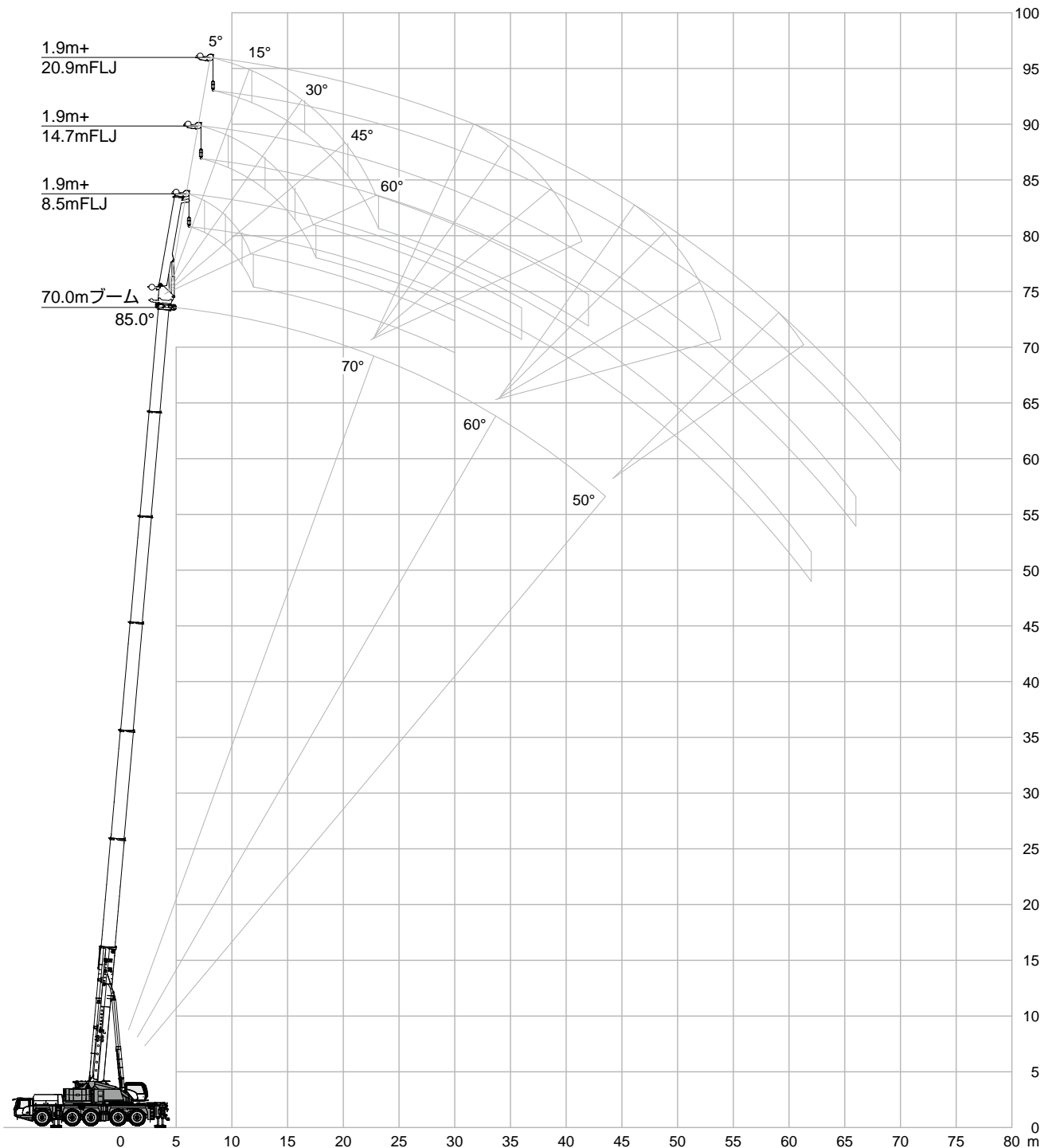
A large rectangular area with horizontal lines, intended for writing a memo. The lines are evenly spaced and cover the majority of the page's content area.

オールテレーンクレーン
AC 5.250-2
フルオートラフィングジブ (FLJ)



フルオートラフィングジブ

FLJ (フルオートラフィングジブ) 作業半径-揚程図



(注意)
 ・ 上図はジブのたわみを含んでいません。
 ・ カウンタウエイト80t、アウトリガ張出幅8.3m時の性能を図示しています。

80.0 t		9.31 m x 8.30 m					1.9 m + 20.9 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	5.6	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	11
12	5.6	-	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	12
14	5.6	5.6	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	14
16	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	16
18	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	18
20	5.6	5.6	5.5	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	20
22	5.6	5.6	5.2	-	-	-	5.6	5.6	5.2	-	-	5.6	5.6	5.2	-	22
24	5.6	5.6	5.0	4.1	-	-	5.6	5.6	5.0	-	-	5.6	5.6	5.0	-	24
26	5.6	5.6	4.8	4.0	3.6	-	5.6	5.6	4.8	4.0	-	5.6	5.6	4.8	4.0	26
28	5.6	5.6	4.6	3.9	3.5	-	5.6	5.5	4.6	3.9	3.5	5.6	5.6	4.7	3.9	28
30	5.6	5.5	4.4	3.8	3.4	-	5.6	5.4	4.4	3.8	3.4	5.6	5.4	4.5	3.8	30
32	5.6	5.3	4.2	3.7	3.4	-	5.6	5.2	4.3	3.7	3.4	5.6	5.2	4.3	3.7	32
34	5.6	5.0	4.1	3.6	3.3	-	5.6	5.1	4.1	3.6	3.3	5.6	5.1	4.2	3.6	34
36	5.3	4.8	3.9	3.5	-	-	5.5	4.9	4.0	3.5	3.3	5.5	4.9	4.1	3.5	36
38	5.0	4.6	3.8	3.4	-	-	5.3	4.7	3.9	3.4	-	5.4	4.8	3.9	3.4	38
40	4.8	4.4	3.7	3.3	-	-	5.1	4.5	3.7	3.3	-	5.2	4.6	3.8	3.4	40
42	4.5	4.2	3.6	3.2	-	-	4.8	4.3	3.6	3.3	-	5.1	4.4	3.7	3.3	42
44	4.3	4.0	3.5	3.2	-	-	4.6	4.1	3.5	3.2	-	4.8	4.3	3.6	3.2	44
46	4.1	3.8	3.4	3.1	-	-	4.3	4.0	3.4	3.2	-	4.6	4.1	3.5	3.2	46
48	3.9	3.7	3.3	3.1	-	-	4.1	3.8	3.3	3.1	-	4.4	4.0	3.4	3.1	48
50	3.7	3.5	3.2	-	-	-	3.9	3.7	3.2	3.1	-	4.2	3.8	3.3	3.1	50
54	3.4	3.3	3.0	-	-	-	3.6	3.4	3.1	-	-	3.8	3.6	3.2	3.0	54
58	3.1	3.1	2.9	-	-	-	3.3	3.2	3.0	-	-	3.5	3.3	3.0	-	58
62	2.9	2.9	-	-	-	-	3.1	3.0	2.9	-	-	2.9	3.1	2.9	-	62
66	2.7	2.7	-	-	-	-	2.6	2.8	-	-	-	2.6	2.6	2.6	-	66
70	-	-	-	-	-	-	2.2	2.2	-	-	-	2.1	2.2	-	-	70
74	-	-	-	-	-	-	-	-	-	-	-	1.5	1.5	-	-	74

		63.8 m					70.0 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
14	5.0	-	-	-	-	-	3.7	-	-	-	-
16	5.0	-	-	-	-	-	3.7	-	-	-	-
18	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-
20	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-
22	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-
24	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-
26	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-
28	5.0	5.0	4.7	3.9	-	-	3.7	3.7	3.7	3.7	-
30	5.0	5.0	4.5	3.8	3.4	-	3.7	3.7	3.7	3.7	-
32	5.0	5.0	4.4	3.7	3.4	-	3.7	3.7	3.7	3.7	3.4
34	5.0	5.0	4.2	3.6	3.3	-	3.7	3.7	3.7	3.6	3.3
36	5.0	4.9	4.1	3.5	3.3	-	3.7	3.7	3.7	3.5	3.3
38	5.0	4.7	4.0	3.5	3.2	-	3.7	3.7	3.6	3.3	3.3
40	4.8	4.6	3.9	3.4	3.2	-	3.7	3.7	3.4	3.2	3.1
42	4.8	4.5	3.7	3.3	-	-	3.7	3.7	3.3	3.1	3.0
44	4.6	4.4	3.6	3.3	-	-	3.6	3.5	3.1	3.0	-
46	4.4	4.2	3.6	3.2	-	-	3.4	3.3	3.0	2.8	-
48	4.2	4.0	3.5	3.2	-	-	3.2	3.0	2.9	2.7	-
50	4.0	3.8	3.4	3.1	-	-	2.9	2.9	2.7	2.6	-
54	3.6	3.5	3.2	3.0	-	-	2.6	2.5	2.5	2.4	-
58	3.3	3.2	3.1	-	-	-	2.2	2.2	2.2	2.2	-
62	3.0	3.0	2.9	-	-	-	1.8	1.9	1.9	-	-
66	2.3	2.5	2.7	-	-	-	1.5	1.6	1.7	-	-
70	1.6	1.8	-	-	-	-	1.2	1.3	1.4	-	-
74	-	1.1	-	-	-	-	-	-	-	-	-

フルオートラフィングジブ

80.0 t		9.31 m x 8.30 m					1.9 m + 17.8 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
9	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	10.2	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	-	10
11	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	-	11
12	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	-	12
14	10.2	9.7	-	-	-	-	7.2	7.2	-	-	-	6.8	-	-	-	-	14
16	10.2	9.3	-	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	-	16
18	10.0	8.8	6.7	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	-	18
20	9.6	8.2	6.4	-	-	-	7.2	7.2	6.5	-	-	6.8	6.8	6.5	-	-	20
22	9.2	7.8	6.1	5.1	-	-	7.2	7.2	6.2	-	-	6.8	6.8	6.2	-	-	22
24	8.6	7.5	5.9	4.9	4.4	-	7.2	7.2	5.9	4.9	-	6.8	6.8	6.0	5.0	-	24
26	8.0	7.2	5.6	4.8	4.4	-	7.2	7.2	5.7	4.8	4.4	6.8	6.8	5.8	4.8	4.4	26
28	7.7	6.8	5.4	4.6	4.3	-	7.2	7.0	5.5	4.7	4.3	6.8	6.8	5.6	4.7	4.3	28
30	7.4	6.5	5.2	4.5	4.2	-	7.2	6.6	5.3	4.6	4.2	6.8	6.8	5.4	4.6	4.2	30
32	7.0	6.1	5.0	4.4	4.1	-	7.2	6.3	5.1	4.4	4.2	6.8	6.5	5.2	4.5	4.2	32
34	6.6	5.9	4.9	4.3	-	-	7.0	6.0	4.9	4.3	4.1	6.8	6.2	5.0	4.4	4.1	34
36	6.2	5.6	4.7	4.2	-	-	6.6	5.8	4.8	4.2	-	6.8	5.9	4.9	4.3	-	36
38	5.9	5.3	4.5	4.1	-	-	6.2	5.5	4.6	4.2	-	6.5	5.7	4.7	4.2	-	38
40	5.6	5.1	4.4	4.0	-	-	5.9	5.3	4.5	4.1	-	6.2	5.5	4.6	4.1	-	40
42	5.3	4.9	4.3	4.0	-	-	5.6	5.1	4.4	4.0	-	5.9	5.3	4.5	4.0	-	42
44	5.0	4.7	4.1	3.9	-	-	5.4	4.9	4.2	3.9	-	5.6	5.1	4.3	4.0	-	44
46	4.8	4.5	4.0	-	-	-	5.1	4.7	4.1	3.9	-	5.3	4.9	4.2	3.9	-	46
48	4.6	4.3	3.9	-	-	-	4.9	4.5	4.0	3.8	-	5.1	4.7	4.1	3.9	-	48
50	4.4	4.2	3.8	-	-	-	4.7	4.4	3.9	-	-	4.9	4.5	4.0	3.8	-	50
54	4.0	3.9	3.7	-	-	-	4.3	4.1	3.8	-	-	4.4	4.2	3.8	-	-	54
58	3.7	3.6	-	-	-	-	3.9	3.8	3.6	-	-	3.5	3.7	3.7	-	-	58
62	3.3	3.3	-	-	-	-	3.1	3.2	-	-	-	3.0	3.0	3.0	-	-	62
66	2.7	-	-	-	-	-	2.5	2.5	-	-	-	2.5	2.6	-	-	-	66
70	-	-	-	-	-	-	2.2	-	-	-	-	1.8	1.8	-	-	-	70
74	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	74

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	5.8	-	-	-	-	-	-	-	-	-	-	12
14	5.8	-	-	-	-	-	4.4	-	-	-	-	14
16	5.8	5.8	-	-	-	-	4.4	-	-	-	-	16
18	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	18
20	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	20
22	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	22
24	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	24
26	5.8	5.8	5.7	4.8	-	-	4.4	4.4	4.4	4.4	-	26
28	5.8	5.8	5.6	4.7	4.3	-	4.4	4.4	4.4	4.4	4.3	28
30	5.8	5.8	5.4	4.6	4.2	-	4.4	4.4	4.4	4.4	4.2	30
32	5.8	5.8	5.2	4.5	4.2	-	4.4	4.4	4.4	4.3	4.1	32
34	5.8	5.8	5.1	4.4	4.1	-	4.4	4.4	4.4	4.1	4.0	34
36	5.8	5.6	4.9	4.3	4.1	-	4.4	4.4	4.2	3.9	3.8	36
38	5.6	5.4	4.8	4.2	-	-	4.4	4.4	4.0	3.8	3.7	38
40	5.4	5.1	4.7	4.2	-	-	4.4	4.2	3.8	3.6	3.6	40
42	5.1	4.9	4.5	4.1	-	-	4.1	3.9	3.7	3.5	-	42
44	4.9	4.7	4.4	4.0	-	-	3.8	3.7	3.5	3.3	-	44
46	4.7	4.5	4.3	4.0	-	-	3.6	3.4	3.3	3.2	-	46
48	4.5	4.3	4.2	3.9	-	-	3.3	3.2	3.1	3.1	-	48
50	4.2	4.1	4.0	3.8	-	-	3.1	3.0	2.9	3.0	-	50
54	3.8	3.8	3.7	-	-	-	2.6	2.6	2.6	2.6	-	54
58	3.5	3.4	3.4	-	-	-	2.2	2.2	2.3	2.3	-	58
62	2.7	3.0	3.1	-	-	-	1.8	1.9	2.0	-	-	62
66	1.9	2.1	2.3	-	-	-	1.5	1.5	1.6	-	-	66
70	1.2	1.4	-	-	-	-	1.1	1.2	1.3	-	-	70
74	-	-	-	-	-	-	-	-	-	-	-	74

80.0 t		9.31 m x 8.30 m					1.9 m + 14.7 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	12.4	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	11
12	12.4	-	-	-	-	9.6	-	-	-	-	8.0	-	-	-	-	12
14	12.4	11.9	-	-	-	9.6	9.6	-	-	-	8.0	-	-	-	-	14
16	12.4	11.1	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	16
18	12.4	10.4	8.1	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	18
20	11.9	9.8	7.8	-	-	9.6	9.6	7.8	-	-	8.0	8.0	7.9	-	-	20
22	11.0	9.3	7.5	6.3	-	9.6	9.6	7.6	6.3	-	8.0	8.0	7.6	-	-	22
24	10.2	8.8	7.2	6.1	5.6	9.6	9.1	7.3	6.2	5.6	8.0	8.0	7.4	6.2	-	24
26	9.6	8.3	6.9	6.0	5.5	9.6	8.6	7.0	6.0	5.5	8.0	8.0	7.1	6.1	5.6	26
28	9.0	7.9	6.7	5.8	5.4	9.1	8.2	6.8	5.9	5.5	8.0	8.0	6.9	5.9	5.5	28
30	8.4	7.6	6.4	5.7	-	8.6	7.9	6.5	5.7	5.4	8.0	8.0	6.6	5.8	5.4	30
32	7.9	7.2	6.2	5.5	-	8.1	7.5	6.3	5.6	-	8.0	7.8	6.4	5.6	5.3	32
34	7.5	6.9	6.0	5.4	-	7.7	7.2	6.0	5.5	-	7.7	7.5	6.2	5.5	-	34
36	7.1	6.7	5.7	5.3	-	7.2	6.9	5.8	5.3	-	7.3	7.1	6.0	5.4	-	36
38	6.7	6.4	5.5	5.2	-	6.8	6.6	5.7	5.2	-	6.9	6.8	5.9	5.3	-	38
40	6.4	6.1	5.4	5.1	-	6.5	6.3	5.5	5.1	-	6.6	6.4	5.7	5.2	-	40
42	6.1	5.9	5.2	-	-	6.1	6.0	5.4	5.0	-	6.3	6.1	5.5	5.1	-	42
44	5.8	5.7	5.1	-	-	5.8	5.7	5.2	5.0	-	5.9	5.8	5.4	5.0	-	44
46	5.6	5.5	5.0	-	-	5.5	5.4	5.1	-	-	5.7	5.5	5.3	5.0	-	46
48	5.4	5.3	4.9	-	-	5.2	5.2	5.0	-	-	5.4	5.3	5.1	-	-	48
50	4.8	5.0	4.8	-	-	5.0	4.9	4.8	-	-	5.1	5.0	4.9	-	-	50
54	4.3	4.2	-	-	-	4.5	4.4	4.4	-	-	4.1	4.4	4.5	-	-	54
58	3.7	3.8	-	-	-	3.5	3.6	-	-	-	3.4	3.4	3.4	-	-	58
62	3.1	-	-	-	-	2.9	2.9	-	-	-	2.9	3.0	-	-	-	62
66	-	-	-	-	-	2.5	-	-	-	-	2.1	2.2	-	-	-	66
70	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-	70

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	6.8	-	-	-	-	5.1	-	-	-	-	-	14
16	6.8	6.8	-	-	-	5.1	-	-	-	-	-	16
18	6.8	6.8	-	-	-	5.1	5.1	-	-	-	-	18
20	6.8	6.8	-	-	-	5.1	5.1	-	-	-	-	20
22	6.8	6.8	6.8	-	-	5.1	5.1	5.1	-	-	-	22
24	6.8	6.8	6.8	6.2	-	5.1	5.1	5.1	5.1	-	-	24
26	6.8	6.8	6.8	6.1	5.6	5.1	5.1	5.1	5.1	5.1	-	26
28	6.8	6.8	6.8	5.9	5.5	5.1	5.1	5.1	5.1	5.1	-	28
30	6.8	6.8	6.7	5.8	5.4	5.1	5.1	5.1	5.1	5.0	-	30
32	6.8	6.8	6.5	5.7	5.3	5.1	5.1	5.1	4.9	4.8	-	32
34	6.7	6.4	6.1	5.6	5.3	5.1	5.1	5.0	4.7	4.6	-	34
36	6.4	6.1	5.9	5.5	-	5.1	5.1	4.8	4.5	4.5	-	36
38	6.1	5.8	5.6	5.4	-	5.0	4.8	4.6	4.3	-	-	38
40	5.8	5.6	5.4	5.3	-	4.7	4.5	4.3	4.2	-	-	40
42	5.5	5.3	5.1	5.1	-	4.3	4.2	4.0	4.0	-	-	42
44	5.2	5.1	4.9	4.9	-	4.0	3.9	3.8	3.8	-	-	44
46	4.9	4.8	4.7	4.7	-	3.7	3.6	3.5	3.5	-	-	46
48	4.7	4.6	4.5	4.5	-	3.4	3.4	3.3	3.3	-	-	48
50	4.4	4.4	4.3	4.3	-	3.1	3.2	3.1	3.1	-	-	50
54	4.0	3.9	3.9	-	-	2.6	2.7	2.7	2.8	-	-	54
58	3.3	3.5	3.5	-	-	2.2	2.2	2.3	-	-	-	58
62	2.4	2.5	2.7	-	-	1.8	1.9	1.9	-	-	-	62
66	1.6	1.7	-	-	-	1.3	1.4	1.6	-	-	-	66
70	-	1.0	-	-	-	-	-	-	-	-	-	70

フルオートラフィングジブ

80.0 t		9.31 m x 8.30 m					1.9 m + 11.6 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
8	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	14.6	-	-	-	-	-	11.4	-	-	-	-	-	-	-	-	-	9
10	14.6	-	-	-	-	-	11.4	-	-	-	-	10.5	-	-	-	-	10
11	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	-	-	-	-	11
12	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	12
14	14.6	14.6	11.2	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	14
16	14.6	13.7	10.8	9.0	-	-	11.4	11.4	10.8	-	-	10.5	10.4	9.7	-	-	16
18	14.6	12.9	10.4	8.7	7.8	-	11.4	11.4	10.4	8.7	7.8	10.5	10.4	9.7	8.7	-	18
20	14.6	12.2	9.9	8.4	7.7	-	11.4	11.4	10.0	8.4	7.7	10.5	10.4	9.7	8.4	7.7	20
22	13.6	11.5	9.5	8.1	7.5	-	11.4	11.3	9.6	8.2	7.6	10.5	10.4	9.7	8.2	7.6	22
24	12.6	11.0	9.1	7.9	7.4	-	11.1	10.7	9.2	8.0	7.4	10.5	10.4	9.3	8.0	7.5	24
26	11.8	10.5	8.8	7.7	-	-	10.4	10.1	8.9	7.8	7.3	10.5	10.2	9.0	7.8	7.3	26
28	11.1	10.0	8.4	7.5	-	-	9.8	9.5	8.6	7.6	-	9.9	9.6	8.7	7.6	7.3	28
30	10.5	9.5	8.1	7.3	-	-	9.2	9.0	8.3	7.4	-	9.3	9.1	8.4	7.5	-	30
32	9.9	9.2	7.9	7.2	-	-	8.7	8.4	8.0	7.3	-	8.8	8.6	8.2	7.3	-	32
34	9.4	8.8	7.6	7.0	-	-	8.2	8.0	7.8	7.1	-	8.3	8.1	7.9	7.2	-	34
36	8.9	8.4	7.4	6.9	-	-	7.7	7.5	7.4	7.0	-	7.9	7.7	7.5	7.1	-	36
38	8.5	8.1	7.2	6.8	-	-	7.3	7.1	7.0	6.9	-	7.5	7.3	7.1	6.9	-	38
40	8.1	7.7	7.0	-	-	-	6.9	6.7	6.6	6.6	-	7.1	6.9	6.8	6.8	-	40
42	7.5	7.4	6.8	-	-	-	6.5	6.4	6.3	-	-	6.7	6.6	6.4	6.4	-	42
44	6.5	6.8	6.6	-	-	-	6.1	6.0	6.0	-	-	6.4	6.2	6.1	-	-	44
46	5.7	5.9	6.2	-	-	-	5.8	5.7	5.7	-	-	6.0	5.9	5.8	-	-	46
48	5.3	5.2	5.3	-	-	-	5.5	5.4	5.4	-	-	5.4	5.6	5.6	-	-	48
50	4.9	4.9	-	-	-	-	5.2	5.2	5.1	-	-	4.7	5.0	5.2	-	-	50
54	4.2	4.3	-	-	-	-	4.1	4.2	-	-	-	4.0	4.0	4.0	-	-	54
58	3.5	-	-	-	-	-	3.4	3.4	-	-	-	3.3	3.4	-	-	-	58
62	-	-	-	-	-	-	2.9	-	-	-	-	2.4	2.5	-	-	-	62
66	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	66

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	8.0	-	-	-	-	-	6.0	-	-	-	-	11
12	8.0	-	-	-	-	-	6.0	-	-	-	-	12
14	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	14
16	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	16
18	8.0	8.0	8.0	-	-	-	6.0	6.0	6.0	-	-	18
20	8.0	8.0	8.0	8.0	7.8	-	6.0	6.0	6.0	6.0	-	20
22	8.0	8.0	8.0	8.0	7.7	-	6.0	6.0	6.0	6.0	6.0	22
24	8.0	8.0	8.0	8.0	7.6	-	6.0	6.0	6.0	6.0	6.0	24
26	8.0	8.0	8.0	8.0	7.5	-	6.0	6.0	6.0	6.0	6.0	26
28	8.0	8.0	7.9	7.7	7.4	-	6.0	6.0	6.0	6.0	6.0	28
30	8.0	7.8	7.5	7.3	7.3	-	6.0	6.0	6.0	6.0	5.9	30
32	7.7	7.4	7.1	7.0	-	-	6.0	6.0	6.0	5.8	5.7	32
34	7.2	7.0	6.8	6.7	-	-	6.0	5.9	5.6	5.5	-	34
36	6.8	6.7	6.4	6.4	-	-	5.8	5.5	5.3	5.2	-	36
38	6.5	6.3	6.1	6.1	-	-	5.3	5.1	4.9	4.9	-	38
40	6.1	6.0	5.9	5.8	-	-	4.9	4.8	4.6	4.6	-	40
42	5.8	5.7	5.6	5.6	-	-	4.5	4.5	4.3	4.3	-	42
44	5.5	5.4	5.3	5.3	-	-	4.1	4.1	4.1	4.1	-	44
46	5.2	5.1	5.0	5.0	-	-	3.8	3.8	3.8	3.8	-	46
48	4.9	4.8	4.8	-	-	-	3.5	3.5	3.5	3.6	-	48
50	4.6	4.6	4.5	-	-	-	3.2	3.2	3.2	3.3	-	50
54	3.9	4.1	4.1	-	-	-	2.7	2.7	2.7	-	-	54
58	2.9	3.0	3.2	-	-	-	2.1	2.2	2.3	-	-	58
62	2.0	2.1	-	-	-	-	1.6	1.7	1.8	-	-	62
66	1.2	1.3	-	-	-	-	1.0	1.2	-	-	-	66

80.0 t		9.31 m x 8.30 m					1.9 m + 8.5 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
8	18.2	-	-	-	-	-	13.6	-	-	-	-	-	-	-	-	8	
9	18.2	18.2	-	-	-	-	13.6	-	-	-	-	12.4	-	-	-	9	
10	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	-	-	-	10	
11	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	11	
12	18.2	18.2	15.3	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	12	
14	18.2	18.2	14.7	12.6	11.5	-	13.6	13.6	13.6	12.6	-	12.4	12.4	12.0	-	14	
16	18.2	17.7	14.1	12.2	11.3	-	13.6	13.6	13.6	12.3	11.4	12.4	12.4	12.0	11.9	11.4	16
18	18.2	16.8	13.6	11.9	11.2	-	13.6	13.6	13.6	12.0	11.2	12.4	12.4	12.0	11.9	11.2	18
20	18.2	16.0	13.2	11.7	11.0	-	13.5	13.4	12.9	11.7	11.1	12.4	12.4	12.0	11.8	11.1	20
22	17.2	15.3	12.7	11.4	10.9	-	12.9	12.5	12.2	11.5	10.9	12.4	12.4	12.0	11.5	10.9	22
24	16.0	14.6	12.3	11.2	-	-	12.0	11.7	11.4	11.3	-	12.1	11.8	11.4	11.3	10.8	24
26	14.6	14.0	12.0	10.9	-	-	11.2	10.9	10.7	10.6	-	11.4	11.1	10.8	10.7	-	26
28	13.4	13.5	11.6	10.6	-	-	10.5	10.3	10.0	10.0	-	10.7	10.4	10.2	10.1	-	28
30	12.3	12.4	11.2	10.4	-	-	9.9	9.6	9.4	9.4	-	10.1	9.8	9.6	9.5	-	30
32	11.3	11.4	10.9	10.2	-	-	9.3	9.1	8.9	8.9	-	9.5	9.3	9.1	9.0	-	32
34	10.4	10.5	10.5	10.0	-	-	8.7	8.5	8.4	8.4	-	8.9	8.7	8.6	8.5	-	34
36	9.6	9.7	9.8	-	-	-	8.2	8.1	7.9	7.9	-	8.4	8.3	8.1	8.1	-	36
38	8.8	8.9	9.0	-	-	-	7.7	7.6	7.5	-	-	8.0	7.8	7.7	7.7	-	38
40	7.9	8.1	8.3	-	-	-	7.3	7.2	7.1	-	-	7.5	7.4	7.3	6.1	-	40
42	6.9	7.1	7.2	-	-	-	6.9	6.8	6.7	-	-	7.1	7.0	6.9	-	-	42
44	6.1	6.1	6.3	-	-	-	6.5	6.4	6.4	-	-	6.5	6.7	6.6	-	-	44
46	5.6	5.7	-	-	-	-	6.0	6.1	6.0	-	-	5.7	5.9	6.1	-	-	46
48	5.2	5.2	-	-	-	-	5.5	5.7	5.7	-	-	5.0	5.1	5.3	-	-	48
50	4.8	4.8	-	-	-	-	4.8	4.9	-	-	-	4.7	4.7	4.6	-	-	50
54	4.1	-	-	-	-	-	3.9	3.9	-	-	-	3.9	4.0	-	-	-	54
58	-	-	-	-	-	-	3.3	-	-	-	-	2.9	2.9	-	-	-	58
62	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	62

		63.8 m					70.0 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t
7	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	10.3	-	-	-	-	-	-	-	-	-	-
11	10.3	-	-	-	-	-	7.0	-	-	-	-
12	10.3	10.3	-	-	-	-	7.0	7.0	-	-	-
14	10.3	10.3	9.6	-	-	-	7.0	7.0	-	-	-
16	10.3	10.3	9.6	9.5	-	-	7.0	7.0	7.0	-	-
18	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0
20	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0
22	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0
24	10.3	10.3	9.6	9.5	9.7	-	7.0	7.0	7.0	7.0	7.0
26	10.0	9.7	9.3	9.1	9.2	-	7.0	7.0	7.0	7.0	7.0
28	9.3	9.1	8.8	8.7	-	-	7.0	7.0	7.0	7.0	7.0
30	8.8	8.6	8.4	8.2	-	-	7.0	7.0	7.0	7.0	7.0
32	8.2	8.1	7.9	7.8	-	-	7.0	6.9	6.6	6.5	-
34	7.8	7.6	7.5	7.5	-	-	6.5	6.4	6.2	6.1	-
36	7.3	7.2	7.1	7.0	-	-	6.0	5.9	5.8	5.7	-
38	6.9	6.8	6.7	6.7	-	-	5.5	5.4	5.4	5.4	-
40	6.5	6.4	6.3	6.3	-	-	5.0	5.0	5.0	5.0	-
42	6.1	6.0	6.0	6.0	-	-	4.6	4.6	4.6	4.6	-
44	5.8	5.7	5.7	-	-	-	4.2	4.2	4.2	4.3	-
46	5.5	5.4	5.4	-	-	-	3.9	3.9	3.9	4.0	-
48	5.2	5.1	5.1	-	-	-	3.5	3.5	3.6	-	-
50	4.6	4.7	4.8	-	-	-	3.2	3.2	3.3	-	-
54	3.3	3.5	3.6	-	-	-	2.6	2.7	2.7	-	-
58	2.3	2.4	-	-	-	-	2.0	2.0	2.1	-	-
62	1.4	1.5	-	-	-	-	1.4	1.5	-	-	-

フルオートラフィングジブ

49.6 t		9.31 m x 8.30 m					1.9 m + 20.9 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	5.6	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	-	11
12	5.6	-	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	-	12
14	5.6	5.6	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	-	14
16	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	16
18	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	18
20	5.6	5.6	5.5	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	20
22	5.6	5.6	5.2	-	-	-	5.6	5.6	5.2	-	-	5.6	5.6	5.2	-	-	22
24	5.6	5.6	5.0	4.1	-	-	5.6	5.6	5.0	-	-	5.6	5.6	5.0	-	-	24
26	5.6	5.6	4.8	4.0	3.6	-	5.6	5.6	4.8	4.0	-	5.6	5.6	4.8	4.0	-	26
28	5.6	5.6	4.6	3.9	3.5	-	5.6	5.5	4.6	3.9	3.5	5.6	5.6	4.7	3.9	-	28
30	5.6	5.5	4.4	3.8	3.4	-	5.6	5.4	4.4	3.8	3.4	5.6	5.4	4.5	3.8	3.4	30
32	5.6	5.3	4.2	3.7	3.4	-	5.6	5.2	4.3	3.7	3.4	5.6	5.2	4.3	3.7	3.4	32
34	5.6	5.0	4.1	3.6	3.3	-	5.6	5.1	4.1	3.6	3.3	5.6	5.1	4.2	3.6	3.3	34
36	5.3	4.8	3.9	3.5	-	-	5.5	4.9	4.0	3.5	3.3	5.5	4.9	4.1	3.5	3.3	36
38	5.0	4.6	3.8	3.4	-	-	5.3	4.7	3.9	3.4	-	5.4	4.8	3.9	3.4	3.2	38
40	4.8	4.4	3.7	3.3	-	-	5.1	4.5	3.7	3.3	-	5.2	4.6	3.8	3.4	-	40
42	4.5	4.2	3.6	3.2	-	-	4.8	4.3	3.6	3.3	-	4.7	4.4	3.7	3.3	-	42
44	4.3	4.0	3.5	3.2	-	-	4.6	4.1	3.5	3.2	-	4.5	4.3	3.6	3.2	-	44
46	4.1	3.8	3.4	3.1	-	-	4.2	4.0	3.4	3.2	-	4.1	4.1	3.5	3.2	-	46
48	3.9	3.7	3.3	3.1	-	-	4.0	3.8	3.3	3.1	-	3.5	3.9	3.4	3.1	-	48
50	3.7	3.5	3.2	-	-	-	3.4	3.7	3.2	3.1	-	3.0	3.4	3.3	3.1	-	50
54	2.9	3.2	3.0	-	-	-	2.5	2.8	3.1	-	-	2.0	2.4	2.8	3.0	-	54
58	2.1	2.3	2.5	-	-	-	1.7	1.9	2.2	-	-	1.2	1.5	1.8	-	-	58
62	1.4	1.6	-	-	-	-	1.0	1.2	1.4	-	-	-	-	1.0	-	-	62

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	5.0	-	-	-	-	-	3.7	-	-	-	-	14
16	5.0	-	-	-	-	-	3.7	-	-	-	-	16
18	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	18
20	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	20
22	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	22
24	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	24
26	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	26
28	5.0	5.0	4.7	3.9	-	-	3.7	3.7	3.7	3.7	-	28
30	5.0	5.0	4.5	3.8	3.4	-	3.7	3.7	3.7	3.7	-	30
32	5.0	5.0	4.4	3.7	3.4	-	3.7	3.7	3.7	3.7	3.4	32
34	5.0	5.0	4.2	3.6	3.3	-	3.7	3.7	3.7	3.6	3.3	34
36	5.0	4.9	4.1	3.5	3.3	-	3.7	3.7	3.7	3.5	3.3	36
38	5.0	4.7	4.0	3.5	3.2	-	3.7	3.7	3.6	3.3	3.3	38
40	4.8	4.6	3.9	3.4	3.2	-	3.7	3.7	3.4	3.2	3.1	40
42	4.8	4.5	3.7	3.3	-	-	3.7	3.7	3.3	3.1	3.0	42
44	4.1	4.4	3.6	3.3	-	-	3.6	3.5	3.1	3.0	-	44
46	3.5	4.0	3.6	3.2	-	-	3.2	3.3	3.0	2.8	-	46
48	3.0	3.5	3.5	3.2	-	-	2.6	3.0	2.9	2.7	-	48
50	2.5	2.9	3.4	3.1	-	-	2.1	2.6	2.7	2.6	-	50
54	1.5	1.9	2.4	2.7	-	-	1.3	1.7	2.2	2.4	-	54
58	-	1.0	1.4	-	-	-	-	-	1.3	1.5	-	58
62	-	-	-	-	-	-	-	-	-	-	-	62

49.6 t		9.31 m x 8.30 m					1.9 m + 17.8 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
9	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	10.2	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	10
11	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	11
12	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	12
14	10.2	9.7	-	-	-	-	7.2	7.2	-	-	-	6.8	-	-	-	14
16	10.2	9.3	-	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	16
18	10.0	8.8	6.7	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	18
20	9.6	8.2	6.4	-	-	-	7.2	7.2	6.5	-	-	6.8	6.8	6.5	-	20
22	9.2	7.8	6.1	5.1	-	-	7.2	7.2	6.2	-	-	6.8	6.8	6.2	-	22
24	8.6	7.5	5.9	4.9	4.4	-	7.2	7.2	5.9	4.9	-	6.8	6.8	6.0	5.0	24
26	8.0	7.2	5.6	4.8	4.4	-	7.2	7.2	5.7	4.8	4.4	6.8	6.8	5.8	4.8	26
28	7.7	6.8	5.4	4.6	4.3	-	7.2	7.0	5.5	4.7	4.3	6.8	6.8	5.6	4.7	28
30	7.4	6.5	5.2	4.5	4.2	-	7.2	6.6	5.3	4.6	4.2	6.8	6.8	5.4	4.6	30
32	7.0	6.1	5.0	4.4	4.1	-	7.2	6.3	5.1	4.4	4.2	6.8	6.5	5.2	4.5	32
34	6.6	5.9	4.9	4.3	-	-	7.0	6.0	4.9	4.3	4.1	6.8	6.2	5.0	4.4	34
36	6.2	5.6	4.7	4.2	-	-	6.6	5.8	4.8	4.2	-	6.7	5.9	4.9	4.3	36
38	5.9	5.3	4.5	4.1	-	-	6.2	5.5	4.6	4.2	-	5.8	5.7	4.7	4.2	38
40	5.6	5.1	4.4	4.0	-	-	5.7	5.3	4.5	4.1	-	5.3	5.5	4.6	4.1	40
42	5.3	4.9	4.3	4.0	-	-	4.9	5.1	4.4	4.0	-	5.0	4.8	4.5	4.0	42
44	4.7	4.7	4.1	3.9	-	-	4.7	4.6	4.2	3.9	-	4.4	4.6	4.3	4.0	44
46	4.3	4.4	4.0	-	-	-	4.2	4.3	4.1	3.9	-	3.8	4.2	4.2	3.9	46
48	4.0	4.0	3.9	-	-	-	3.6	3.9	4.0	3.8	-	3.2	3.5	4.0	3.9	48
50	3.5	3.8	3.7	-	-	-	3.1	3.4	3.7	-	-	2.6	3.0	3.4	3.6	50
54	2.6	2.8	3.0	-	-	-	2.1	2.4	2.6	-	-	1.7	2.0	2.3	-	54
58	1.8	1.9	-	-	-	-	1.3	1.5	1.7	-	-	-	1.1	1.4	-	58
62	1.1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	62

		63.8 m					70.0 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t
9	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	5.8	-	-	-	-	-	-	-	-	-	-
14	5.8	-	-	-	-	-	4.4	-	-	-	-
16	5.8	5.8	-	-	-	-	4.4	-	-	-	-
18	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-
20	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-
22	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-
24	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-
26	5.8	5.8	5.7	4.8	-	-	4.4	4.4	4.4	4.4	-
28	5.8	5.8	5.6	4.7	4.3	-	4.4	4.4	4.4	4.4	4.3
30	5.8	5.8	5.4	4.6	4.2	-	4.4	4.4	4.4	4.4	4.2
32	5.8	5.8	5.2	4.5	4.2	-	4.4	4.4	4.4	4.3	4.1
34	5.8	5.8	5.1	4.4	4.1	-	4.4	4.4	4.4	4.1	4.0
36	5.8	5.6	4.9	4.3	4.1	-	4.4	4.4	4.2	3.9	3.8
38	5.6	5.4	4.8	4.2	-	-	4.4	4.4	4.0	3.8	3.7
40	5.2	5.1	4.7	4.2	-	-	4.4	4.2	3.8	3.6	3.6
42	4.4	4.9	4.5	4.1	-	-	4.1	3.9	3.7	3.5	-
44	3.8	4.2	4.4	4.0	-	-	3.4	3.7	3.5	3.3	-
46	3.2	3.6	4.2	4.0	-	-	2.9	3.3	3.3	3.2	-
48	2.6	3.0	3.5	3.9	-	-	2.3	2.7	3.1	3.1	-
50	2.1	2.5	2.9	3.2	-	-	1.8	2.2	2.7	3.0	-
54	1.2	1.5	1.9	-	-	-	-	1.3	1.7	1.9	-
58	-	-	-	-	-	-	-	-	-	1.0	-
62	-	-	-	-	-	-	-	-	-	-	-

フルオートラフィングジブ

49.6 t		9.31 m x 8.30 m					1.9 m + 14.7 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	12.4	-	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	11
12	12.4	-	-	-	-	-	9.6	-	-	-	-	8.0	-	-	-	-	12
14	12.4	11.9	-	-	-	-	9.6	9.6	-	-	-	8.0	-	-	-	-	14
16	12.4	11.1	-	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	16
18	12.4	10.4	8.1	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	18
20	11.9	9.8	7.8	-	-	-	9.6	9.6	7.8	-	-	8.0	8.0	7.9	-	-	20
22	11.0	9.3	7.5	6.3	-	-	9.6	9.6	7.6	6.3	-	8.0	8.0	7.6	-	-	22
24	10.2	8.8	7.2	6.1	5.6	-	9.6	9.1	7.3	6.2	5.6	8.0	8.0	7.4	6.2	-	24
26	9.6	8.3	6.9	6.0	5.5	-	9.6	8.6	7.0	6.0	5.5	8.0	8.0	7.1	6.1	5.6	26
28	9.0	7.9	6.7	5.8	5.4	-	9.1	8.2	6.8	5.9	5.5	8.0	8.0	6.9	5.9	5.5	28
30	8.4	7.6	6.4	5.7	-	-	8.6	7.9	6.5	5.7	5.4	8.0	8.0	6.6	5.8	5.4	30
32	7.9	7.2	6.2	5.5	-	-	8.1	7.5	6.3	5.6	-	8.0	7.8	6.4	5.6	5.3	32
34	7.5	6.9	6.0	5.4	-	-	7.7	7.2	6.0	5.5	-	7.3	7.5	6.2	5.5	-	34
36	7.1	6.7	5.7	5.3	-	-	7.0	6.9	5.8	5.3	-	6.3	6.8	6.0	5.4	-	36
38	6.5	6.4	5.5	5.2	-	-	6.0	6.4	5.7	5.2	-	6.0	5.9	5.9	5.3	-	38
40	5.6	5.9	5.4	5.1	-	-	5.5	5.5	5.5	5.1	-	5.5	5.5	5.6	5.2	-	40
42	5.0	5.1	5.2	-	-	-	5.2	5.1	5.1	5.0	-	4.7	5.1	5.0	5.1	-	42
44	4.7	4.7	4.7	-	-	-	4.5	4.8	4.7	4.7	-	4.0	4.4	4.8	4.8	-	44
46	4.3	4.4	4.4	-	-	-	3.8	4.1	4.4	-	-	3.4	3.7	4.1	4.3	-	46
48	3.7	3.9	4.1	-	-	-	3.2	3.5	3.8	-	-	2.8	3.1	3.4	-	-	48
50	3.1	3.3	3.5	-	-	-	2.7	2.9	3.2	-	-	2.3	2.5	2.8	-	-	50
54	2.2	2.3	-	-	-	-	1.8	1.9	2.1	-	-	1.3	1.5	1.8	-	-	54
58	1.4	1.5	-	-	-	-	1.0	1.1	-	-	-	-	-	-	-	-	58

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	6.8	-	-	-	-	-	5.1	-	-	-	-	14
16	6.8	6.8	-	-	-	-	5.1	-	-	-	-	16
18	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-	18
20	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-	20
22	6.8	6.8	6.8	-	-	-	5.1	5.1	5.1	-	-	22
24	6.8	6.8	6.8	6.2	-	-	5.1	5.1	5.1	5.1	-	24
26	6.8	6.8	6.8	6.1	5.6	-	5.1	5.1	5.1	5.1	5.1	26
28	6.8	6.8	6.8	5.9	5.5	-	5.1	5.1	5.1	5.1	5.1	28
30	6.8	6.8	6.7	5.8	5.4	-	5.1	5.1	5.1	5.1	5.0	30
32	6.8	6.8	6.5	5.7	5.3	-	5.1	5.1	5.1	4.9	4.8	32
34	6.7	6.4	6.1	5.6	5.3	-	5.1	5.1	5.0	4.7	4.6	34
36	6.4	6.1	5.9	5.5	-	-	5.1	5.1	4.8	4.5	4.5	36
38	5.6	5.8	5.6	5.4	-	-	5.0	4.8	4.6	4.3	-	38
40	4.8	5.2	5.4	5.3	-	-	4.4	4.5	4.3	4.2	-	40
42	4.1	4.5	5.0	5.1	-	-	3.7	4.2	4.0	4.0	-	42
44	3.4	3.8	4.3	4.6	-	-	3.1	3.5	3.8	3.8	-	44
46	2.8	3.2	3.6	3.9	-	-	2.5	2.9	3.3	3.5	-	46
48	2.3	2.6	3.0	3.2	-	-	2.0	2.3	2.7	3.0	-	48
50	1.7	2.0	2.4	2.6	-	-	1.5	1.8	2.2	2.4	-	50
54	-	1.0	1.3	-	-	-	-	-	1.2	1.3	-	54
58	-	-	-	-	-	-	-	-	-	-	-	58

49.6 t		9.31 m x 8.30 m					1.9 m + 11.6 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
8	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	14.6	-	-	-	-	-	11.4	-	-	-	-	-	-	-	-	9
10	14.6	-	-	-	-	-	11.4	-	-	-	-	10.5	-	-	-	10
11	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	-	-	-	11
12	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	12
14	14.6	14.6	11.2	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	14
16	14.6	13.7	10.8	9.0	-	-	11.4	11.4	10.8	-	-	10.5	10.4	9.7	-	16
18	14.6	12.9	10.4	8.7	7.8	-	11.4	11.4	10.4	8.7	7.8	10.5	10.4	9.7	8.7	18
20	14.6	12.2	9.9	8.4	7.7	-	11.4	11.4	10.0	8.4	7.7	10.5	10.4	9.7	8.4	20
22	13.6	11.5	9.5	8.1	7.5	-	11.4	11.3	9.6	8.2	7.6	10.5	10.4	9.7	8.2	22
24	12.6	11.0	9.1	7.9	7.4	-	11.1	10.7	9.2	8.0	7.4	10.5	10.4	9.3	8.0	24
26	11.8	10.5	8.8	7.7	-	-	10.4	10.1	8.9	7.8	7.3	10.5	10.2	9.0	7.8	26
28	10.4	10.0	8.4	7.5	-	-	9.8	9.5	8.6	7.6	-	9.9	9.6	8.7	7.6	28
30	9.0	9.4	8.1	7.3	-	-	9.2	9.0	8.3	7.4	-	9.1	9.1	8.4	7.5	30
32	8.4	8.3	7.9	7.2	-	-	8.7	8.4	8.0	7.3	-	7.9	8.3	8.2	7.3	32
34	7.9	7.8	7.6	7.0	-	-	7.6	8.0	7.8	7.1	-	7.2	7.2	7.8	7.2	34
36	7.0	7.3	7.2	6.9	-	-	6.6	6.9	7.3	7.0	-	6.7	6.6	6.7	7.1	36
38	6.0	6.3	6.7	6.8	-	-	6.2	6.1	6.3	6.5	-	5.8	6.1	6.1	6.1	38
40	5.6	5.5	5.7	-	-	-	5.4	5.6	5.7	5.6	-	4.9	5.2	5.6	5.7	40
42	5.0	5.2	5.2	-	-	-	4.6	4.8	5.1	-	-	4.1	4.4	4.7	4.9	42
44	4.3	4.5	4.8	-	-	-	3.9	4.1	4.4	-	-	3.4	3.7	4.0	-	44
46	3.7	3.9	4.1	-	-	-	3.2	3.5	3.7	-	-	2.8	3.0	3.3	-	46
48	3.1	3.3	3.4	-	-	-	2.7	2.9	3.1	-	-	2.2	2.4	2.7	-	48
50	2.6	2.7	-	-	-	-	2.1	2.3	2.5	-	-	1.7	1.9	2.1	-	50
54	1.7	1.8	-	-	-	-	1.2	1.4	-	-	-	-	-	1.1	-	54

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	8.0	-	-	-	-	-	6.0	-	-	-	-	11
12	8.0	-	-	-	-	-	6.0	-	-	-	-	12
14	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	14
16	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	16
18	8.0	8.0	8.0	-	-	-	6.0	6.0	6.0	-	-	18
20	8.0	8.0	8.0	8.0	7.8	-	6.0	6.0	6.0	6.0	-	20
22	8.0	8.0	8.0	8.0	7.7	-	6.0	6.0	6.0	6.0	6.0	22
24	8.0	8.0	8.0	8.0	7.6	-	6.0	6.0	6.0	6.0	6.0	24
26	8.0	8.0	8.0	8.0	7.5	-	6.0	6.0	6.0	6.0	6.0	26
28	8.0	8.0	7.9	7.7	7.4	-	6.0	6.0	6.0	6.0	6.0	28
30	8.0	7.8	7.5	7.3	7.3	-	6.0	6.0	6.0	6.0	5.9	30
32	7.7	7.4	7.1	7.0	-	-	6.0	6.0	6.0	5.8	5.7	32
34	7.0	7.0	6.8	6.7	-	-	6.0	5.9	5.6	5.5	-	34
36	6.1	6.5	6.4	6.4	-	-	5.7	5.5	5.3	5.2	-	36
38	5.2	5.6	6.0	6.1	-	-	4.8	5.1	4.9	4.9	-	38
40	4.4	4.7	5.2	5.4	-	-	4.1	4.4	4.6	4.6	-	40
42	3.7	4.0	4.4	4.6	-	-	3.4	3.7	4.1	4.3	-	42
44	3.0	3.3	3.7	3.9	-	-	2.7	3.0	3.4	3.6	-	44
46	2.4	2.7	3.0	3.2	-	-	2.1	2.4	2.7	3.0	-	46
48	1.8	2.1	2.4	-	-	-	1.6	1.8	2.2	2.3	-	48
50	1.3	1.5	1.8	-	-	-	1.1	1.3	1.6	1.8	-	50
54	-	-	-	-	-	-	-	-	-	-	-	54

フルオートラフィングジブ

49.6 t		9.31 m x 8.30 m					1.9 m + 8.5 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
8	18.2	-	-	-	-	-	13.6	-	-	-	-	-	-	-	-	-	8
9	18.2	18.2	-	-	-	-	13.6	-	-	-	-	12.4	-	-	-	-	9
10	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	-	-	-	-	10
11	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	-	11
12	18.2	18.2	15.3	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	-	12
14	18.2	18.2	14.7	12.6	11.5	-	13.6	13.6	13.6	12.6	-	12.4	12.4	12.0	-	-	14
16	18.2	17.7	14.1	12.2	11.3	-	13.6	13.6	13.6	12.3	11.4	12.4	12.4	12.0	11.9	11.4	16
18	18.2	16.8	13.6	11.9	11.2	-	13.6	13.6	13.6	12.0	11.2	12.4	12.4	12.0	11.9	11.2	18
20	18.2	16.0	13.2	11.7	11.0	-	13.5	13.4	12.9	11.7	11.1	12.4	12.4	12.0	11.8	11.1	20
22	15.7	15.3	12.7	11.4	10.9	-	12.9	12.5	12.2	11.5	10.9	12.4	12.4	12.0	11.5	10.9	22
24	13.4	13.9	12.3	11.2	-	-	12.0	11.7	11.4	11.3	-	12.1	11.8	11.4	11.3	10.8	24
26	11.5	12.0	12.0	10.9	-	-	11.2	10.9	10.7	10.6	-	11.4	11.1	10.8	10.7	-	26
28	10.3	10.2	10.8	10.6	-	-	10.5	10.3	10.0	10.0	-	10.0	10.4	10.2	10.1	-	28
30	9.6	9.4	9.3	9.5	-	-	9.5	9.6	9.4	9.4	-	8.6	9.0	9.5	9.5	-	30
32	8.8	8.8	8.7	8.7	-	-	8.3	8.6	8.9	8.9	-	8.1	7.9	8.2	8.5	-	32
34	7.5	7.8	8.1	8.2	-	-	7.4	7.3	7.7	7.9	-	7.3	7.5	7.4	7.3	-	34
36	6.6	6.7	6.9	-	-	-	6.7	6.8	6.7	6.7	-	6.3	6.5	6.8	6.9	-	36
38	6.2	6.1	6.1	-	-	-	5.7	6.0	6.2	-	-	5.3	5.5	5.8	6.0	-	38
40	5.3	5.5	5.7	-	-	-	4.9	5.1	5.3	-	-	4.4	4.6	4.9	5.0	-	40
42	4.6	4.7	4.9	-	-	-	4.1	4.3	4.5	-	-	3.7	3.9	4.1	-	-	42
44	3.9	4.0	4.1	-	-	-	3.4	3.6	3.7	-	-	3.0	3.1	3.3	-	-	44
46	3.3	3.4	-	-	-	-	2.8	2.9	3.1	-	-	2.3	2.5	2.7	-	-	46
48	2.7	2.8	-	-	-	-	2.2	2.3	2.5	-	-	1.8	1.9	2.1	-	-	48
50	2.2	2.2	-	-	-	-	1.7	1.8	-	-	-	1.3	1.4	1.5	-	-	50
54	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
7	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	10.3	-	-	-	-	-	-	-	-	-	-	10
11	10.3	-	-	-	-	-	7.0	-	-	-	-	11
12	10.3	10.3	-	-	-	-	7.0	7.0	-	-	-	12
14	10.3	10.3	9.6	-	-	-	7.0	7.0	-	-	-	14
16	10.3	10.3	9.6	9.5	-	-	7.0	7.0	7.0	-	-	16
18	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	18
20	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	20
22	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	22
24	10.3	10.3	9.6	9.5	9.7	-	7.0	7.0	7.0	7.0	7.0	24
26	10.0	9.7	9.3	9.1	9.2	-	7.0	7.0	7.0	7.0	7.0	26
28	9.3	9.1	8.8	8.7	-	-	7.0	7.0	7.0	7.0	7.0	28
30	8.8	8.6	8.4	8.2	-	-	7.0	7.0	7.0	7.0	7.0	30
32	7.6	7.9	7.9	7.8	-	-	7.0	6.9	6.6	6.5	-	32
34	6.5	6.8	7.2	7.5	-	-	6.2	6.4	6.2	6.1	-	34
36	5.5	5.8	6.2	6.4	-	-	5.3	5.6	5.8	5.7	-	36
38	4.7	4.9	5.2	5.4	-	-	4.4	4.7	5.0	5.3	-	38
40	3.9	4.1	4.4	4.6	-	-	3.6	3.9	4.2	4.4	-	40
42	3.1	3.3	3.6	3.7	-	-	2.9	3.2	3.5	3.6	-	42
44	2.4	2.6	2.8	-	-	-	2.3	2.5	2.8	2.9	-	44
46	1.8	2.0	2.2	-	-	-	1.7	1.9	2.1	2.3	-	46
48	1.2	1.4	1.6	-	-	-	1.2	1.4	1.6	-	-	48
50	-	-	1.0	-	-	-	-	-	1.0	-	-	50
54	-	-	-	-	-	-	-	-	-	-	-	54

35.5 t		9.31 m x 8.30 m					1.9 m + 20.9 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	5.6	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	11
12	5.6	-	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	12
14	5.6	5.6	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	14
16	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	16
18	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	18
20	5.6	5.6	5.5	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	20
22	5.6	5.6	5.2	-	-	-	5.6	5.6	5.2	-	-	5.6	5.6	5.2	-	22
24	5.6	5.6	5.0	4.1	-	-	5.6	5.6	5.0	-	-	5.6	5.6	5.0	-	24
26	5.6	5.6	4.8	4.0	3.6	-	5.6	5.6	4.8	4.0	-	5.6	5.6	4.8	4.0	26
28	5.6	5.6	4.6	3.9	3.5	-	5.6	5.5	4.6	3.9	3.5	5.6	5.6	4.7	3.9	28
30	5.6	5.5	4.4	3.8	3.4	-	5.6	5.4	4.4	3.8	3.4	5.6	5.4	4.5	3.8	30
32	5.6	5.3	4.2	3.7	3.4	-	5.6	5.2	4.3	3.7	3.4	5.6	5.2	4.3	3.7	32
34	5.6	5.0	4.1	3.6	3.3	-	5.6	5.1	4.1	3.6	3.3	5.3	5.1	4.2	3.6	34
36	5.3	4.8	3.9	3.5	-	-	5.4	4.9	4.0	3.5	3.3	5.1	4.9	4.1	3.5	36
38	5.0	4.5	3.8	3.4	-	-	5.0	4.7	3.9	3.4	-	4.3	4.7	3.9	3.4	38
40	4.8	4.3	3.7	3.3	-	-	4.3	4.5	3.7	3.3	-	3.7	4.2	3.8	3.4	40
42	4.2	4.1	3.6	3.2	-	-	3.7	4.1	3.6	3.3	-	3.0	3.6	3.7	3.3	42
44	3.5	4.0	3.4	3.2	-	-	3.1	3.5	3.5	3.2	-	2.5	3.0	3.6	3.2	44
46	3.0	3.4	3.3	3.1	-	-	2.5	3.0	3.4	3.2	-	2.0	2.4	3.0	3.2	46
48	2.5	2.8	3.3	3.1	-	-	2.0	2.4	2.9	3.1	-	1.5	1.9	2.5	2.9	48
50	2.0	2.3	2.7	-	-	-	1.6	1.9	2.4	2.6	-	1.1	1.5	2.0	2.3	50
54	1.2	1.4	1.7	-	-	-	-	1.0	1.4	-	-	-	-	1.0	1.3	54

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	5.0	-	-	-	-	-	3.7	-	-	-	-	14
16	5.0	-	-	-	-	-	3.7	-	-	-	-	16
18	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	18
20	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	20
22	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	22
24	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	24
26	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	26
28	5.0	5.0	4.7	3.9	-	-	3.7	3.7	3.7	3.7	-	28
30	5.0	5.0	4.5	3.8	3.4	-	3.7	3.7	3.7	3.7	-	30
32	5.0	5.0	4.4	3.7	3.4	-	3.7	3.7	3.7	3.7	3.4	32
34	5.0	5.0	4.2	3.6	3.3	-	3.7	3.7	3.7	3.6	3.3	34
36	4.4	4.9	4.1	3.5	3.3	-	3.7	3.7	3.7	3.5	3.3	36
38	3.6	4.3	4.0	3.5	3.2	-	3.2	3.7	3.6	3.3	3.3	38
40	3.0	3.6	3.9	3.4	3.2	-	2.6	3.2	3.4	3.2	3.1	40
42	2.4	2.9	3.7	3.3	-	-	2.0	2.6	3.3	3.1	3.0	42
44	1.8	2.3	3.0	3.3	-	-	1.4	2.0	2.8	3.0	-	44
46	1.3	1.8	2.4	2.9	-	-	1.0	1.5	2.2	2.7	-	46
48	-	1.3	1.9	2.3	-	-	-	1.0	1.6	2.1	-	48
50	-	-	1.4	1.8	-	-	-	-	1.1	1.6	-	50
54	-	-	-	-	-	-	-	-	-	-	-	54

フルオートラフィングジブ

35.5 t		9.31 m x 8.30 m					1.9 m + 17.8 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
9	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	10.2	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	10
11	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	11
12	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	12
14	10.2	9.7	-	-	-	-	7.2	7.2	-	-	-	6.8	-	-	-	14
16	10.2	9.3	-	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	16
18	10.0	8.8	6.7	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	18
20	9.6	8.2	6.4	-	-	-	7.2	7.2	6.5	-	-	6.8	6.8	6.5	-	20
22	9.2	7.8	6.1	5.1	-	-	7.2	7.2	6.2	-	-	6.8	6.8	6.2	-	22
24	8.6	7.5	5.9	4.9	4.4	-	7.2	7.2	5.9	4.9	-	6.8	6.8	6.0	5.0	24
26	8.0	7.2	5.6	4.8	4.4	-	7.2	7.2	5.7	4.8	4.4	6.8	6.8	5.8	4.8	26
28	7.7	6.8	5.4	4.6	4.3	-	7.2	7.0	5.5	4.7	4.3	6.8	6.8	5.6	4.7	28
30	7.4	6.5	5.2	4.5	4.2	-	7.2	6.6	5.3	4.6	4.2	6.7	6.8	5.4	4.6	30
32	7.0	6.1	5.0	4.4	4.1	-	6.5	6.3	5.1	4.4	4.2	6.2	6.4	5.2	4.5	32
34	6.2	5.9	4.9	4.3	-	-	6.1	6.0	4.9	4.3	4.1	5.6	5.9	5.0	4.4	34
36	5.6	5.6	4.7	4.2	-	-	5.4	5.5	4.8	4.2	-	4.8	5.3	4.9	4.3	36
38	5.2	5.2	4.5	4.1	-	-	4.6	5.1	4.6	4.2	-	4.0	4.5	4.7	4.2	38
40	4.5	4.9	4.4	4.0	-	-	3.9	4.4	4.5	4.1	-	3.3	3.8	4.5	4.1	40
42	3.8	4.2	4.3	4.0	-	-	3.3	3.7	4.3	4.0	-	2.7	3.2	3.8	4.0	42
44	3.2	3.5	4.0	3.9	-	-	2.7	3.1	3.6	3.9	-	2.1	2.6	3.1	3.5	44
46	2.6	2.9	3.3	-	-	-	2.2	2.5	3.0	3.2	-	1.6	2.0	2.5	2.8	46
48	2.1	2.4	2.7	-	-	-	1.7	2.0	2.4	2.6	-	1.1	1.5	2.0	2.2	48
50	1.6	1.9	2.2	-	-	-	1.2	1.5	1.9	-	-	-	1.0	1.4	1.7	50
54	-	1.0	1.3	-	-	-	-	-	-	-	-	-	-	-	-	54

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	5.8	-	-	-	-	-	-	-	-	-	-	12
14	5.8	-	-	-	-	-	4.4	-	-	-	-	14
16	5.8	5.8	-	-	-	-	4.4	-	-	-	-	16
18	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	18
20	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	20
22	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	22
24	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	24
26	5.8	5.8	5.7	4.8	-	-	4.4	4.4	4.4	4.4	-	26
28	5.8	5.8	5.6	4.7	4.3	-	4.4	4.4	4.4	4.4	4.3	28
30	5.8	5.8	5.4	4.6	4.2	-	4.4	4.4	4.4	4.4	4.2	30
32	5.8	5.8	5.2	4.5	4.2	-	4.4	4.4	4.4	4.3	4.1	32
34	4.8	5.5	5.1	4.4	4.1	-	4.4	4.4	4.4	4.1	4.0	34
36	4.0	4.6	4.9	4.3	4.1	-	3.6	4.3	4.2	3.9	3.8	36
38	3.3	3.8	4.6	4.2	-	-	2.9	3.5	4.0	3.8	3.7	38
40	2.6	3.1	3.8	4.2	-	-	2.3	2.8	3.5	3.6	3.6	40
42	2.0	2.5	3.1	3.6	-	-	1.7	2.2	2.8	3.4	-	42
44	1.4	1.9	2.5	2.9	-	-	1.1	1.6	2.2	2.7	-	44
46	-	1.4	1.9	2.3	-	-	-	1.1	1.6	2.1	-	46
48	-	-	1.4	1.7	-	-	-	-	1.1	1.5	-	48
50	-	-	-	1.1	-	-	-	-	-	-	-	50
54	-	-	-	-	-	-	-	-	-	-	-	54

35.5 t		9.31 m x 8.30 m					1.9 m + 14.7 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	12.4	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	11
12	12.4	-	-	-	-	9.6	-	-	-	-	8.0	-	-	-	-	12
14	12.4	11.9	-	-	-	9.6	9.6	-	-	-	8.0	-	-	-	-	14
16	12.4	11.1	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	16
18	12.4	10.4	8.1	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	-	18
20	11.9	9.8	7.8	-	-	9.6	9.6	7.8	-	-	8.0	8.0	7.9	-	-	20
22	11.0	9.3	7.5	6.3	-	9.6	9.6	7.6	6.3	-	8.0	8.0	7.6	-	-	22
24	10.2	8.8	7.2	6.1	5.6	9.6	9.1	7.3	6.2	5.6	8.0	8.0	7.4	6.2	-	24
26	9.6	8.3	6.9	6.0	5.5	9.6	8.6	7.0	6.0	5.5	8.0	8.0	7.1	6.1	5.6	26
28	9.0	7.9	6.7	5.8	5.4	8.3	8.2	6.8	5.9	5.5	7.5	8.0	6.9	5.9	5.5	28
30	7.8	7.6	6.4	5.7	-	7.3	7.7	6.5	5.7	5.4	7.2	7.1	6.6	5.8	5.4	30
32	6.8	7.2	6.2	5.5	-	6.9	6.6	6.3	5.6	-	6.2	6.7	6.4	5.6	5.3	32
34	6.4	6.2	6.0	5.4	-	5.9	6.3	6.0	5.5	-	5.2	5.8	6.1	5.5	-	34
36	5.7	5.9	5.7	5.3	-	5.0	5.5	5.7	5.3	-	4.4	4.9	5.5	5.4	-	36
38	4.8	5.2	5.4	5.2	-	4.3	4.7	5.2	5.2	-	3.6	4.1	4.6	5.1	-	38
40	4.1	4.4	4.8	5.1	-	3.6	4.0	4.4	4.7	-	2.9	3.4	3.9	4.2	-	40
42	3.4	3.7	4.1	-	-	2.9	3.3	3.7	4.0	-	2.3	2.7	3.2	3.5	-	42
44	2.8	3.1	3.4	-	-	2.3	2.6	3.0	3.2	-	1.8	2.1	2.5	2.8	-	44
46	2.2	2.5	2.8	-	-	1.8	2.1	2.4	-	-	1.2	1.6	1.9	2.2	-	46
48	1.7	1.9	2.2	-	-	1.3	1.5	1.8	-	-	-	1.1	1.4	-	-	48
50	1.3	1.5	1.7	-	-	-	1.1	1.3	-	-	-	-	-	-	-	50

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	6.8	-	-	-	-	5.1	-	-	-	-	-	14
16	6.8	6.8	-	-	-	5.1	-	-	-	-	-	16
18	6.8	6.8	-	-	-	5.1	5.1	-	-	-	-	18
20	6.8	6.8	-	-	-	5.1	5.1	-	-	-	-	20
22	6.8	6.8	6.8	-	-	5.1	5.1	5.1	-	-	-	22
24	6.8	6.8	6.8	6.2	-	5.1	5.1	5.1	5.1	-	-	24
26	6.8	6.8	6.8	6.1	5.6	5.1	5.1	5.1	5.1	5.1	-	26
28	6.8	6.8	6.8	5.9	5.5	5.1	5.1	5.1	5.1	5.1	-	28
30	6.4	6.8	6.7	5.8	5.4	5.1	5.1	5.1	5.1	5.0	-	30
32	5.4	6.0	6.5	5.7	5.3	5.0	5.1	5.1	4.9	4.8	-	32
34	4.5	5.0	5.8	5.6	5.3	4.1	4.6	5.0	4.7	4.6	-	34
36	3.6	4.2	4.8	5.3	-	3.3	3.8	4.5	4.5	4.5	-	36
38	2.9	3.4	4.0	4.4	-	2.5	3.0	3.7	4.2	-	-	38
40	2.2	2.7	3.2	3.6	-	1.9	2.3	2.9	3.4	-	-	40
42	1.6	2.0	2.5	2.9	-	1.3	1.7	2.3	2.6	-	-	42
44	1.1	1.4	1.9	2.2	-	-	1.1	1.6	2.0	-	-	44
46	-	-	1.3	1.6	-	-	-	1.1	1.4	-	-	46
48	-	-	-	1.0	-	-	-	-	-	-	-	48
50	-	-	-	-	-	-	-	-	-	-	-	50

フルオートラフィングジブ

35.5 t		9.31 m x 8.30 m					1.9 m + 11.6 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
8	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	14.6	-	-	-	-	-	11.4	-	-	-	-	-	-	-	-	-	9
10	14.6	-	-	-	-	-	11.4	-	-	-	-	10.5	-	-	-	-	10
11	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	-	-	-	-	11
12	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	12
14	14.6	14.6	11.2	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	14
16	14.6	13.7	10.8	9.0	-	-	11.4	11.4	10.8	-	-	10.5	10.4	9.7	-	-	16
18	14.6	12.9	10.4	8.7	7.8	-	11.4	11.4	10.4	8.7	7.8	10.5	10.4	9.7	8.7	-	18
20	14.0	12.2	9.9	8.4	7.7	-	11.4	11.4	10.0	8.4	7.7	10.5	10.4	9.7	8.4	7.7	20
22	11.8	11.5	9.5	8.1	7.5	-	11.4	11.3	9.6	8.2	7.6	10.5	10.4	9.7	8.2	7.6	22
24	11.0	10.7	9.1	7.9	7.4	-	10.8	10.7	9.2	8.0	7.4	9.9	10.4	9.3	8.0	7.5	24
26	10.0	10.0	8.8	7.7	-	-	9.2	9.8	8.9	7.8	7.3	9.1	9.0	9.0	7.8	7.3	26
28	8.6	9.1	8.4	7.5	-	-	8.5	8.4	8.6	7.6	-	7.9	8.2	8.3	7.6	7.3	28
30	7.8	7.8	8.1	7.3	-	-	7.5	7.7	7.8	7.4	-	6.7	7.2	7.5	7.5	-	30
32	7.1	7.1	7.2	7.2	-	-	6.4	6.8	7.0	7.0	-	5.7	6.1	6.7	7.0	-	32
34	6.0	6.4	6.5	6.5	-	-	5.4	5.8	6.3	6.6	-	4.7	5.1	5.7	6.0	-	34
36	5.1	5.4	5.8	6.0	-	-	4.5	4.9	5.3	5.6	-	3.9	4.3	4.7	5.1	-	36
38	4.2	4.5	4.8	5.0	-	-	3.7	4.1	4.4	4.7	-	3.1	3.5	3.9	4.2	-	38
40	3.5	3.7	4.0	-	-	-	3.0	3.3	3.6	3.8	-	2.5	2.8	3.1	3.4	-	40
42	2.8	3.0	3.3	-	-	-	2.3	2.6	2.9	-	-	1.8	2.1	2.5	2.7	-	42
44	2.2	2.4	2.6	-	-	-	1.7	2.0	2.2	-	-	1.3	1.5	1.8	-	-	44
46	1.7	1.8	2.0	-	-	-	1.2	1.4	1.6	-	-	-	1.0	1.2	-	-	46
48	1.2	1.3	1.5	-	-	-	-	-	1.1	-	-	-	-	-	-	-	48

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	8.0	-	-	-	-	-	6.0	-	-	-	-	11
12	8.0	-	-	-	-	-	6.0	-	-	-	-	12
14	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	14
16	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	16
18	8.0	8.0	8.0	-	-	-	6.0	6.0	6.0	-	-	18
20	8.0	8.0	8.0	8.0	7.8	-	6.0	6.0	6.0	6.0	-	20
22	8.0	8.0	8.0	8.0	7.7	-	6.0	6.0	6.0	6.0	6.0	22
24	8.0	8.0	8.0	8.0	7.6	-	6.0	6.0	6.0	6.0	6.0	24
26	8.0	8.0	8.0	8.0	7.5	-	6.0	6.0	6.0	6.0	6.0	26
28	7.2	7.8	7.9	7.7	7.4	-	6.0	6.0	6.0	6.0	6.0	28
30	6.0	6.6	7.2	7.3	7.3	-	5.6	6.0	6.0	6.0	5.9	30
32	5.0	5.5	6.1	6.6	-	-	4.6	5.1	5.7	5.8	5.7	32
34	4.1	4.5	5.1	5.5	-	-	3.7	4.1	4.7	5.2	-	34
36	3.2	3.6	4.1	4.5	-	-	2.9	3.3	3.8	4.2	-	36
38	2.5	2.9	3.3	3.6	-	-	2.1	2.5	3.0	3.4	-	38
40	1.8	2.2	2.6	2.9	-	-	1.5	1.9	2.3	2.6	-	40
42	1.2	1.5	1.9	2.1	-	-	-	1.2	1.6	1.9	-	42
44	-	-	1.3	1.5	-	-	-	-	1.0	1.3	-	44
46	-	-	-	-	-	-	-	-	-	-	-	46
48	-	-	-	-	-	-	-	-	-	-	-	48

35.5 t		9.31 m x 8.30 m					1.9 m + 8.5 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
8	18.2	-	-	-	-	-	13.6	-	-	-	-	-	-	-	-	8	
9	18.2	18.2	-	-	-	-	13.6	-	-	-	-	12.4	-	-	-	9	
10	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	-	-	-	10	
11	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	11	
12	18.2	18.2	15.3	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	12	
14	18.2	18.2	14.7	12.6	11.5	-	13.6	13.6	13.6	12.6	-	12.4	12.4	12.0	-	14	
16	18.2	17.7	14.1	12.2	11.3	-	13.6	13.6	13.6	12.3	11.4	12.4	12.4	12.0	11.9	11.4	16
18	16.2	16.8	13.6	11.9	11.2	-	13.6	13.6	13.6	12.0	11.2	12.4	12.4	12.0	11.9	11.2	18
20	13.7	14.1	13.2	11.7	11.0	-	13.5	13.4	12.9	11.7	11.1	12.4	12.4	12.0	11.8	11.1	20
22	12.7	12.4	12.5	11.4	10.9	-	12.3	12.5	12.2	11.5	10.9	11.3	11.8	12.0	11.5	10.9	22
24	11.2	11.5	11.3	11.2	-	-	10.4	10.9	11.4	11.3	-	10.5	10.2	10.6	11.1	10.8	24
26	9.6	10.0	10.5	10.5	-	-	9.7	9.5	9.8	10.2	-	8.9	9.3	9.3	9.4	-	26
28	8.8	8.7	9.0	9.3	-	-	8.3	8.6	8.6	8.6	-	7.5	7.9	8.4	8.6	-	28
30	7.7	8.1	8.0	8.0	-	-	7.0	7.3	7.8	8.1	-	6.3	6.6	7.1	7.4	-	30
32	6.6	6.8	7.2	7.4	-	-	5.9	6.2	6.6	6.8	-	5.2	5.5	5.9	6.2	-	32
34	5.5	5.8	6.0	6.2	-	-	5.0	5.2	5.6	5.8	-	4.3	4.6	4.9	5.2	-	34
36	4.6	4.8	5.0	-	-	-	4.1	4.3	4.6	4.8	-	3.4	3.7	4.0	4.2	-	36
38	3.7	3.9	4.1	-	-	-	3.3	3.5	3.7	-	-	2.7	2.9	3.2	3.4	-	38
40	3.0	3.2	3.3	-	-	-	2.5	2.7	2.9	-	-	2.0	2.2	2.5	2.6	-	40
42	2.3	2.5	2.6	-	-	-	1.9	2.0	2.2	-	-	1.4	1.6	1.8	-	-	42
44	1.7	1.9	2.0	-	-	-	1.3	1.4	1.6	-	-	-	1.0	1.2	-	-	44
46	1.2	1.3	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	46

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
7	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	10.3	-	-	-	-	-	-	-	-	-	-	10
11	10.3	-	-	-	-	-	7.0	-	-	-	-	11
12	10.3	10.3	-	-	-	-	7.0	7.0	-	-	-	12
14	10.3	10.3	9.6	-	-	-	7.0	7.0	-	-	-	14
16	10.3	10.3	9.6	9.5	-	-	7.0	7.0	7.0	-	-	16
18	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	18
20	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	20
22	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	22
24	9.6	10.0	9.6	9.5	9.7	-	7.0	7.0	7.0	7.0	7.0	24
26	8.0	8.5	9.1	9.1	9.2	-	7.0	7.0	7.0	7.0	7.0	26
28	6.6	7.1	7.6	8.0	-	-	6.3	6.8	7.0	7.0	7.0	28
30	5.5	5.8	6.3	6.7	-	-	5.2	5.6	6.1	6.4	6.6	30
32	4.4	4.8	5.2	5.5	-	-	4.2	4.5	5.0	5.3	-	32
34	3.5	3.8	4.2	4.5	-	-	3.3	3.6	4.0	4.3	-	34
36	2.7	3.0	3.3	3.5	-	-	2.4	2.8	3.1	3.4	-	36
38	1.9	2.2	2.5	2.7	-	-	1.7	2.0	2.3	2.6	-	38
40	1.3	1.5	1.8	1.9	-	-	1.1	1.3	1.6	1.8	-	40
42	-	-	1.1	1.3	-	-	-	-	1.0	1.1	-	42
44	-	-	-	-	-	-	-	-	-	-	-	44
46	-	-	-	-	-	-	-	-	-	-	-	46

フルオートラフィングジブ

25.5 t		9.31 m x 8.30 m					1.9 m + 20.9 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	5.6	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	-	11
12	5.6	-	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	-	12
14	5.6	5.6	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	-	14
16	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	16
18	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	18
20	5.6	5.6	5.5	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	-	20
22	5.6	5.6	5.2	-	-	-	5.6	5.6	5.2	-	-	5.6	5.6	5.2	-	-	22
24	5.6	5.6	5.0	4.1	-	-	5.6	5.6	5.0	-	-	5.6	5.6	5.0	-	-	24
26	5.6	5.6	4.8	4.0	3.6	-	5.6	5.6	4.8	4.0	-	5.6	5.6	4.8	4.0	-	26
28	5.6	5.6	4.6	3.9	3.5	-	5.6	5.5	4.6	3.9	3.5	5.6	5.6	4.7	3.9	-	28
30	5.6	5.4	4.4	3.8	3.4	-	5.6	5.4	4.4	3.8	3.4	5.3	5.4	4.5	3.8	3.4	30
32	5.6	5.2	4.2	3.7	3.4	-	5.2	5.2	4.3	3.7	3.4	4.5	5.1	4.3	3.7	3.4	32
34	5.0	5.0	4.1	3.6	3.3	-	4.3	5.0	4.1	3.6	3.3	3.7	4.4	4.2	3.6	3.3	34
36	4.2	4.7	3.9	3.5	-	-	3.6	4.2	4.0	3.5	3.3	3.0	3.6	4.0	3.5	3.3	36
38	3.6	4.1	3.8	3.4	-	-	2.9	3.5	3.9	3.4	-	2.3	2.9	3.8	3.4	3.2	38
40	3.0	3.4	3.7	3.3	-	-	2.3	2.9	3.6	3.3	-	1.7	2.3	3.1	3.4	-	40
42	2.4	2.9	3.4	3.2	-	-	1.8	2.3	2.9	3.3	-	1.2	1.7	2.4	3.0	-	42
44	1.9	2.3	2.9	3.2	-	-	1.3	1.8	2.4	2.8	-	-	1.2	1.9	2.4	-	44
46	1.4	1.8	2.3	2.6	-	-	-	1.3	1.8	2.2	-	-	-	1.3	1.8	-	46
48	1.0	1.3	1.8	2.0	-	-	-	-	1.3	1.7	-	-	-	-	1.2	-	48
50	-	-	1.3	-	-	-	-	-	-	1.2	-	-	-	-	-	-	50

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	5.0	-	-	-	-	-	3.7	-	-	-	-	14
16	5.0	-	-	-	-	-	3.7	-	-	-	-	16
18	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	18
20	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	20
22	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	22
24	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	24
26	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	26
28	5.0	5.0	4.7	3.9	-	-	3.7	3.7	3.7	3.7	-	28
30	4.6	5.0	4.5	3.8	3.4	-	3.7	3.7	3.7	3.7	-	30
32	3.8	4.6	4.4	3.7	3.4	-	3.3	3.7	3.7	3.7	3.4	32
34	3.0	3.7	4.2	3.6	3.3	-	2.6	3.4	3.7	3.6	3.3	34
36	2.3	3.0	3.9	3.5	3.3	-	1.9	2.6	3.6	3.5	3.3	36
38	1.6	2.3	3.2	3.5	3.2	-	1.3	1.9	2.9	3.3	3.3	38
40	1.1	1.7	2.5	3.1	3.2	-	-	1.3	2.2	2.9	3.1	40
42	-	1.1	1.9	2.5	-	-	-	-	1.6	2.2	2.6	42
44	-	-	1.3	1.8	-	-	-	-	1.0	1.6	-	44
46	-	-	-	1.2	-	-	-	-	-	1.0	-	46
48	-	-	-	-	-	-	-	-	-	-	-	48
50	-	-	-	-	-	-	-	-	-	-	-	50

25.5 t		9.31 m x 8.30 m					1.9 m + 17.8 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
9	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	10.2	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	10
11	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	11
12	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	12
14	10.2	9.7	-	-	-	-	7.2	7.2	-	-	-	6.8	-	-	-	14
16	10.2	9.3	-	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	16
18	10.0	8.8	6.7	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	18
20	9.6	8.2	6.4	-	-	-	7.2	7.2	6.5	-	-	6.8	6.8	6.5	-	20
22	9.2	7.8	6.1	5.1	-	-	7.2	7.2	6.2	-	-	6.8	6.8	6.2	-	22
24	7.7	7.5	5.9	4.9	4.4	-	7.2	7.2	5.9	4.9	-	6.8	6.8	6.0	5.0	24
26	7.7	7.2	5.6	4.8	4.4	-	7.2	7.2	5.7	4.8	4.4	6.4	6.8	5.8	4.8	26
28	7.1	6.8	5.4	4.6	4.3	-	6.6	6.9	5.5	4.7	4.3	6.1	6.2	5.6	4.7	28
30	6.4	6.4	5.2	4.5	4.2	-	5.7	6.4	5.3	4.6	4.2	5.1	5.8	5.4	4.6	30
32	5.5	6.1	5.0	4.4	4.1	-	4.8	5.4	5.1	4.4	4.2	4.2	4.8	5.2	4.5	32
34	4.6	5.2	4.9	4.3	-	-	4.0	4.6	4.9	4.3	4.1	3.3	4.0	4.8	4.4	34
36	3.9	4.4	4.7	4.2	-	-	3.3	3.8	4.5	4.2	-	2.6	3.2	4.0	4.3	36
38	3.2	3.7	4.3	4.1	-	-	2.6	3.1	3.7	4.2	-	2.0	2.5	3.2	3.7	38
40	2.6	3.0	3.6	4.0	-	-	2.0	2.5	3.0	3.5	-	1.4	1.9	2.5	3.0	40
42	2.1	2.4	2.9	3.3	-	-	1.5	1.9	2.4	2.8	-	-	1.3	1.9	2.3	42
44	1.6	1.9	2.3	2.6	-	-	1.0	1.3	1.8	2.2	-	-	-	1.3	1.7	44
46	1.1	1.4	1.8	-	-	-	-	-	1.3	1.6	-	-	-	-	1.1	46
48	-	-	1.3	-	-	-	-	-	-	1.0	-	-	-	-	-	48

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	5.8	-	-	-	-	-	-	-	-	-	-	12
14	5.8	-	-	-	-	-	4.4	-	-	-	-	14
16	5.8	5.8	-	-	-	-	4.4	-	-	-	-	16
18	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	18
20	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	20
22	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	22
24	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	24
26	5.8	5.8	5.7	4.8	-	-	4.4	4.4	4.4	4.4	-	26
28	5.3	5.8	5.6	4.7	4.3	-	4.4	4.4	4.4	4.4	4.3	28
30	4.3	5.1	5.4	4.6	4.2	-	3.9	4.4	4.4	4.4	4.2	30
32	3.4	4.1	5.1	4.5	4.2	-	3.0	3.7	4.4	4.3	4.1	32
34	2.6	3.3	4.2	4.4	4.1	-	2.2	2.9	3.8	4.1	4.0	34
36	1.9	2.5	3.3	4.0	4.1	-	1.5	2.2	3.0	3.7	3.8	36
38	1.3	1.8	2.6	3.2	-	-	-	1.5	2.3	2.9	3.3	38
40	-	1.2	1.9	2.4	-	-	-	-	1.6	2.2	2.5	40
42	-	-	1.3	1.8	-	-	-	-	1.0	1.5	-	42
44	-	-	-	1.1	-	-	-	-	-	-	-	44
46	-	-	-	-	-	-	-	-	-	-	-	46
48	-	-	-	-	-	-	-	-	-	-	-	48

フルオートラフィングジブ

25.5 t		9.31 m x 8.30 m					1.9 m + 14.7 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	12.4	-	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	11
12	12.4	-	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	12
14	12.4	11.9	-	-	-	-	9.6	9.6	-	-	-	-	-	-	-	-	14
16	12.4	11.1	-	-	-	-	9.6	9.6	-	-	-	-	-	-	-	-	16
18	12.4	10.4	8.1	-	-	-	9.6	9.6	-	-	-	-	-	-	-	-	18
20	10.8	9.8	7.8	-	-	-	9.6	9.6	7.8	-	-	-	-	-	-	-	20
22	10.3	9.3	7.5	6.3	-	-	9.6	9.6	7.6	6.3	-	-	-	-	-	-	22
24	8.9	8.8	7.2	6.1	5.6	-	8.1	8.9	7.3	6.2	5.6	-	-	-	-	-	24
26	8.2	8.2	6.9	6.0	5.5	-	7.7	7.8	7.0	6.0	5.5	-	-	-	-	-	26
28	7.2	7.4	6.7	5.8	5.4	-	6.4	7.1	6.8	5.9	5.5	-	-	-	-	-	28
30	6.1	6.6	6.4	5.7	-	-	5.4	6.0	6.5	5.7	5.4	-	-	-	-	-	30
32	5.1	5.6	6.2	5.5	-	-	4.4	5.0	5.7	5.6	-	-	-	-	-	-	32
34	4.3	4.7	5.3	5.4	-	-	3.6	4.1	4.7	5.2	-	-	-	-	-	-	34
36	3.5	3.9	4.5	4.8	-	-	2.9	3.3	3.9	4.3	-	-	-	-	-	-	36
38	2.8	3.2	3.7	4.0	-	-	2.2	2.6	3.1	3.5	-	-	-	-	-	-	38
40	2.2	2.6	3.0	3.3	-	-	1.6	2.0	2.5	2.8	-	-	-	-	-	-	40
42	1.7	2.0	2.4	-	-	-	1.1	1.4	1.8	2.1	-	-	-	-	-	-	42
44	1.2	1.4	1.8	-	-	-	-	-	1.3	1.5	-	-	-	-	-	-	44
46	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	46

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	6.8	-	-	-	-	-	5.1	-	-	-	-	14
16	6.8	6.8	-	-	-	-	5.1	-	-	-	-	16
18	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-	18
20	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-	20
22	6.8	6.8	6.8	-	-	-	5.1	5.1	5.1	-	-	22
24	6.8	6.8	6.8	6.2	-	-	5.1	5.1	5.1	5.1	-	24
26	6.1	6.8	6.8	6.1	5.6	-	5.1	5.1	5.1	5.1	5.1	26
28	4.9	5.6	6.6	5.9	5.5	-	4.5	5.1	5.1	5.1	5.1	28
30	3.9	4.6	5.4	5.8	5.4	-	3.5	4.2	5.1	5.1	5.0	30
32	3.0	3.6	4.4	5.0	5.3	-	2.6	3.2	4.1	4.7	4.8	32
34	2.2	2.8	3.5	4.1	4.4	-	1.9	2.4	3.2	3.8	4.1	34
36	1.5	2.0	2.7	3.2	-	-	1.2	1.7	2.4	2.9	3.2	36
38	-	1.3	2.0	2.4	-	-	-	1.0	1.7	2.1	-	38
40	-	-	1.3	1.7	-	-	-	-	1.0	1.4	-	40
42	-	-	-	1.0	-	-	-	-	-	-	-	42
44	-	-	-	-	-	-	-	-	-	-	-	44
46	-	-	-	-	-	-	-	-	-	-	-	46

25.5 t		9.31 m x 8.30 m					1.9 m + 11.6 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
8	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	14.6	-	-	-	-	-	11.4	-	-	-	-	-	-	-	-	9
10	14.6	-	-	-	-	-	11.4	-	-	-	-	10.5	-	-	-	10
11	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	-	-	-	11
12	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	12
14	14.6	14.6	11.2	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	14
16	14.6	13.7	10.8	9.0	-	-	11.4	11.4	10.8	-	-	10.5	10.4	9.7	-	16
18	12.7	12.9	10.4	8.7	7.8	-	11.4	11.4	10.4	8.7	7.8	10.5	10.4	9.7	8.7	18
20	12.2	12.0	9.9	8.4	7.7	-	11.3	11.4	10.0	8.4	7.7	10.3	10.4	9.7	8.4	20
22	10.2	10.9	9.5	8.1	7.5	-	10.0	10.1	9.6	8.2	7.6	9.4	9.5	9.7	8.2	22
24	9.4	9.1	9.1	7.9	7.4	-	8.5	9.2	9.2	8.0	7.4	7.8	8.4	8.8	8.0	24
26	7.9	8.4	8.4	7.7	-	-	7.1	7.7	8.3	7.8	7.3	6.4	7.0	7.8	7.8	26
28	6.6	7.1	7.7	7.5	-	-	5.9	6.4	7.1	7.6	-	5.2	5.7	6.4	7.0	28
30	5.6	6.0	6.5	6.9	-	-	4.9	5.3	5.9	6.4	-	4.2	4.6	5.3	5.8	30
32	4.6	5.0	5.5	5.8	-	-	3.9	4.3	4.9	5.3	-	3.2	3.7	4.3	4.7	32
34	3.8	4.1	4.5	4.8	-	-	3.1	3.5	4.0	4.3	-	2.4	2.8	3.4	3.7	34
36	3.0	3.3	3.7	4.0	-	-	2.4	2.7	3.1	3.4	-	1.7	2.1	2.6	2.9	36
38	2.3	2.6	2.9	3.1	-	-	1.7	2.0	2.4	2.6	-	1.1	1.4	1.8	2.1	38
40	1.7	1.9	2.2	-	-	-	1.1	1.4	1.7	1.9	-	-	-	1.2	1.4	40
42	1.1	1.3	1.6	-	-	-	-	-	1.1	-	-	-	-	-	-	42
44	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	44

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	8.0	-	-	-	-	-	6.0	-	-	-	-	11
12	8.0	-	-	-	-	-	6.0	-	-	-	-	12
14	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	14
16	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	16
18	8.0	8.0	8.0	-	-	-	6.0	6.0	6.0	-	-	18
20	8.0	8.0	8.0	8.0	7.8	-	6.0	6.0	6.0	6.0	-	20
22	8.0	8.0	8.0	8.0	7.7	-	6.0	6.0	6.0	6.0	6.0	22
24	7.0	7.7	8.0	8.0	7.6	-	6.0	6.0	6.0	6.0	6.0	24
26	5.7	6.3	7.1	7.8	7.5	-	5.2	5.9	6.0	6.0	6.0	26
28	4.5	5.1	5.8	6.4	6.8	-	4.1	4.7	5.4	6.0	6.0	28
30	3.5	4.0	4.7	5.2	5.5	-	3.1	3.6	4.3	4.9	5.2	30
32	2.6	3.1	3.7	4.1	-	-	2.2	2.7	3.4	3.8	4.1	32
34	1.8	2.2	2.8	3.2	-	-	1.5	1.9	2.5	2.9	-	34
36	1.1	1.5	2.0	2.3	-	-	-	1.2	1.7	2.1	-	36
38	-	-	1.3	1.6	-	-	-	-	1.0	1.4	-	38
40	-	-	-	-	-	-	-	-	-	-	-	40
42	-	-	-	-	-	-	-	-	-	-	-	42
44	-	-	-	-	-	-	-	-	-	-	-	44

フルオートラフィングジブ

25.5 t		9.31 m x 8.30 m					1.9 m + 8.5 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
8	18.2	-	-	-	-	-	13.6	-	-	-	-	-	-	-	-	-	8
9	18.2	18.2	-	-	-	-	13.6	-	-	-	-	12.4	-	-	-	-	9
10	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	-	-	-	-	10
11	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	-	11
12	18.2	18.2	15.3	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	-	12
14	18.2	18.2	14.7	12.6	11.5	-	13.6	13.6	13.6	12.6	-	12.4	12.4	12.0	-	-	14
16	15.2	16.1	14.1	12.2	11.3	-	13.6	13.6	13.6	12.3	11.4	12.4	12.4	12.0	11.9	11.4	16
18	14.3	14.4	13.6	11.9	11.2	-	13.3	13.6	13.6	12.0	11.2	12.1	12.4	12.0	11.9	11.2	18
20	12.0	12.4	12.9	11.7	11.0	-	11.8	11.5	12.3	11.7	11.1	10.9	11.2	11.3	11.8	11.1	20
22	10.6	10.8	10.9	11.4	10.9	-	9.8	10.3	10.4	10.7	10.9	8.9	9.5	10.2	10.2	10.2	22
24	8.9	9.3	9.7	9.6	-	-	8.1	8.6	9.2	9.6	-	7.3	7.8	8.4	8.9	9.2	24
26	7.4	7.8	8.3	8.7	-	-	6.7	7.1	7.6	8.0	-	5.9	6.4	6.9	7.3	-	26
28	6.2	6.5	7.0	7.3	-	-	5.5	5.8	6.3	6.6	-	4.7	5.1	5.6	6.0	-	28
30	5.1	5.4	5.8	6.0	-	-	4.4	4.7	5.1	5.4	-	3.7	4.1	4.5	4.8	-	30
32	4.1	4.4	4.7	5.0	-	-	3.5	3.8	4.1	4.4	-	2.8	3.1	3.5	3.8	-	32
34	3.3	3.5	3.8	4.0	-	-	2.6	2.9	3.2	3.4	-	2.0	2.3	2.6	2.8	-	34
36	2.5	2.8	3.0	-	-	-	1.9	2.1	2.4	2.6	-	1.3	1.5	1.8	2.0	-	36
38	1.8	2.0	2.2	-	-	-	1.2	1.5	1.7	-	-	-	-	1.1	1.3	-	38
40	1.2	1.4	1.5	-	-	-	-	-	1.1	-	-	-	-	-	-	-	40

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
7	-	-	-	-	-	-	-	-	-	-	-	7
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	10.3	-	-	-	-	-	-	-	-	-	-	10
11	10.3	-	-	-	-	-	7.0	-	-	-	-	11
12	10.3	10.3	-	-	-	-	7.0	7.0	-	-	-	12
14	10.3	10.3	9.6	-	-	-	7.0	7.0	-	-	-	14
16	10.3	10.3	9.6	9.5	-	-	7.0	7.0	7.0	-	-	16
18	10.3	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	18
20	9.9	10.3	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	20
22	8.0	8.6	9.3	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0	22
24	6.4	6.9	7.6	8.1	8.4	-	6.1	6.6	7.0	7.0	7.0	24
26	5.1	5.5	6.1	6.6	6.8	-	4.8	5.3	5.9	6.3	6.6	26
28	3.9	4.3	4.9	5.2	-	-	3.7	4.1	4.6	5.0	5.3	28
30	2.9	3.3	3.7	4.1	-	-	2.7	3.1	3.5	3.9	4.1	30
32	2.0	2.3	2.8	3.1	-	-	1.8	2.1	2.6	2.9	-	32
34	1.2	1.5	1.9	2.2	-	-	1.0	1.3	1.7	2.0	-	34
36	-	-	1.1	1.4	-	-	-	-	1.0	1.2	-	36
38	-	-	-	-	-	-	-	-	-	-	-	38
40	-	-	-	-	-	-	-	-	-	-	-	40

15.5 t		9.31 m x 8.30 m					1.9 m + 20.9 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
10	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
11	5.6	-	-	-	-	-	5.6	-	-	-	-	-	-	-	-	11	
12	5.6	-	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	12	
14	5.6	5.6	-	-	-	-	5.6	-	-	-	-	5.6	-	-	-	14	
16	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	16	
18	5.6	5.6	-	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	18	
20	5.6	5.6	5.5	-	-	-	5.6	5.6	-	-	-	5.6	5.6	-	-	20	
22	5.6	5.6	5.2	-	-	-	5.6	5.6	5.2	-	-	5.6	5.6	5.2	-	22	
24	5.6	5.6	5.0	4.1	-	-	5.6	5.6	5.0	-	-	5.3	5.6	5.0	-	24	
26	5.6	5.6	4.8	4.0	3.6	-	5.4	5.6	4.8	4.0	-	4.7	5.3	4.8	4.0	26	
28	5.1	5.4	4.6	3.9	3.5	-	4.4	5.3	4.6	3.9	3.5	3.8	4.7	4.7	3.9	28	
30	4.2	4.9	4.4	3.8	3.4	-	3.5	4.3	4.4	3.8	3.4	2.9	3.7	4.5	3.8	3.4	30
32	3.4	4.1	4.2	3.7	3.4	-	2.8	3.5	4.3	3.7	3.4	2.1	2.9	4.0	3.7	3.4	32
34	2.7	3.3	4.1	3.6	3.3	-	2.1	2.7	3.7	3.6	3.3	1.5	2.2	3.1	3.6	3.3	34
36	2.1	2.6	3.4	3.5	-	-	1.5	2.1	2.9	3.5	3.3	-	1.5	2.4	3.1	3.3	36
38	1.5	2.0	2.7	3.3	-	-	-	1.5	2.2	2.9	-	-	-	1.8	2.4	2.8	38
40	1.0	1.5	2.1	2.6	-	-	-	-	1.6	2.2	-	-	-	1.2	1.7	-	40
42	-	1.0	1.6	2.0	-	-	-	-	1.1	1.6	-	-	-	-	1.1	-	42
44	-	-	1.1	1.4	-	-	-	-	-	1.0	-	-	-	-	-	-	44

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	-	-	-	-	-	-	-	-	-	-	-	12
14	5.0	-	-	-	-	-	3.7	-	-	-	-	14
16	5.0	-	-	-	-	-	3.7	-	-	-	-	16
18	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	18
20	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	20
22	5.0	5.0	-	-	-	-	3.7	3.7	-	-	-	22
24	5.0	5.0	4.7	-	-	-	3.7	3.7	3.7	-	-	24
26	4.0	5.0	4.7	-	-	-	3.5	3.7	3.7	-	-	26
28	3.0	4.0	4.7	3.9	-	-	2.6	3.5	3.7	3.7	-	28
30	2.2	3.0	4.3	3.8	3.4	-	1.8	2.7	3.7	3.7	-	30
32	1.4	2.2	3.4	3.7	3.4	-	1.0	1.9	3.0	3.7	3.4	32
34	-	1.5	2.6	3.4	3.3	-	-	1.2	2.2	3.1	3.3	34
36	-	-	1.8	2.6	3.1	-	-	-	1.5	2.3	2.9	36
38	-	-	1.2	1.9	2.3	-	-	-	-	1.6	2.1	38
40	-	-	-	1.2	1.6	-	-	-	-	1.0	1.4	40
42	-	-	-	-	-	-	-	-	-	-	-	42
44	-	-	-	-	-	-	-	-	-	-	-	44

フルオートラフィングジブ

15.5 t		9.31 m x 8.30 m					1.9 m + 17.8 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
9	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
10	10.2	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	-	10
11	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	-	11
12	10.2	-	-	-	-	-	7.2	-	-	-	-	6.8	-	-	-	-	12
14	10.2	9.7	-	-	-	-	7.2	7.2	-	-	-	6.8	-	-	-	-	14
16	10.2	9.3	-	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	-	16
18	9.4	8.8	6.7	-	-	-	7.2	7.2	-	-	-	6.8	6.8	-	-	-	18
20	7.7	8.2	6.4	-	-	-	7.2	7.2	6.5	-	-	6.8	6.8	6.5	-	-	20
22	7.7	7.7	6.1	5.1	-	-	6.9	7.2	6.2	-	-	6.2	6.8	6.2	-	-	22
24	7.0	7.2	5.9	4.9	4.4	-	6.3	6.6	5.9	4.9	-	5.5	6.2	6.0	5.0	-	24
26	5.8	6.6	5.6	4.8	4.4	-	5.1	5.9	5.7	4.8	4.4	4.4	5.3	5.8	4.8	4.4	26
28	4.8	5.5	5.4	4.6	4.3	-	4.1	4.8	5.5	4.7	4.3	3.4	4.2	5.3	4.7	4.3	28
30	3.9	4.5	5.2	4.5	4.2	-	3.2	3.9	4.8	4.6	4.2	2.5	3.3	4.3	4.6	4.2	30
32	3.1	3.6	4.4	4.4	4.1	-	2.4	3.0	3.9	4.4	4.2	1.8	2.4	3.3	4.1	4.2	32
34	2.3	2.9	3.6	4.2	-	-	1.7	2.3	3.1	3.7	4.1	1.1	1.7	2.5	3.2	3.6	34
36	1.7	2.2	2.9	3.4	-	-	1.1	1.6	2.3	2.9	-	-	1.1	1.8	2.4	-	36
38	1.2	1.6	2.2	2.6	-	-	-	1.0	1.7	2.2	-	-	-	1.2	1.7	-	38
40	-	1.1	1.6	2.0	-	-	-	-	1.1	1.5	-	-	-	-	1.0	-	40
42	-	-	1.0	1.4	-	-	-	-	-	-	-	-	-	-	-	-	42

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	-	-	-	-	-	-	-	-	-	-	-	11
12	5.8	-	-	-	-	-	-	-	-	-	-	12
14	5.8	-	-	-	-	-	4.4	-	-	-	-	14
16	5.8	5.8	-	-	-	-	4.4	-	-	-	-	16
18	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	18
20	5.8	5.8	-	-	-	-	4.4	4.4	-	-	-	20
22	5.8	5.8	5.7	-	-	-	4.4	4.4	4.4	-	-	22
24	4.7	5.7	5.7	-	-	-	4.2	4.4	4.4	-	-	24
26	3.6	4.5	5.7	4.8	-	-	3.2	4.1	4.4	4.4	-	26
28	2.6	3.5	4.6	4.7	4.3	-	2.2	3.1	4.2	4.4	4.3	28
30	1.8	2.6	3.6	4.5	4.2	-	1.4	2.2	3.3	4.2	4.2	30
32	1.0	1.8	2.7	3.5	4.0	-	-	1.4	2.4	3.2	3.8	32
34	-	1.0	1.9	2.6	3.1	-	-	-	1.6	2.3	2.8	34
36	-	-	1.2	1.8	2.2	-	-	-	-	1.6	2.0	36
38	-	-	-	1.1	-	-	-	-	-	-	1.3	38
40	-	-	-	-	-	-	-	-	-	-	-	40
42	-	-	-	-	-	-	-	-	-	-	-	42

15.5 t		9.31 m x 8.30 m					1.9 m + 14.7 m					360°				
		51.2 m					55.4 m					59.6 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
10	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
11	12.4	-	-	-	-	-	9.6	-	-	-	-	-	-	-	-	11
12	12.4	-	-	-	-	-	9.6	-	-	-	-	8.0	-	-	-	12
14	12.4	11.9	-	-	-	-	9.6	9.6	-	-	-	8.0	-	-	-	14
16	11.4	11.1	-	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	16
18	10.3	10.3	8.1	-	-	-	9.6	9.6	-	-	-	8.0	8.0	-	-	18
20	9.4	9.8	7.8	-	-	-	7.9	9.0	7.8	-	-	7.3	8.0	7.9	-	20
22	8.1	8.9	7.5	6.3	-	-	7.3	7.8	7.6	6.3	-	6.5	7.3	7.6	-	22
24	6.6	7.4	7.2	6.1	5.6	-	5.9	6.7	7.3	6.2	5.6	5.2	6.0	7.1	6.2	24
26	5.4	6.1	6.9	6.0	5.5	-	4.7	5.4	6.4	6.0	5.5	4.0	4.7	5.7	6.0	26
28	4.4	5.0	5.8	5.8	5.4	-	3.7	4.3	5.2	5.9	5.5	3.0	3.7	4.6	5.3	28
30	3.5	4.0	4.7	5.3	-	-	2.8	3.4	4.1	4.7	5.1	2.1	2.8	3.6	4.2	30
32	2.7	3.2	3.8	4.3	-	-	2.0	2.5	3.2	3.8	-	1.4	1.9	2.7	3.2	32
34	2.0	2.4	3.0	3.4	-	-	1.3	1.8	2.4	2.9	-	-	1.2	1.9	2.4	34
36	1.3	1.7	2.3	2.6	-	-	-	1.1	1.7	2.1	-	-	-	1.2	1.6	36
38	-	1.1	1.6	1.9	-	-	-	-	1.1	1.4	-	-	-	-	-	38
40	-	-	1.0	1.3	-	-	-	-	-	-	-	-	-	-	-	40

		63.8 m					70.0 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
14	6.8	-	-	-	-	-	5.1	-	-	-	-
16	6.8	6.8	-	-	-	-	5.1	-	-	-	-
18	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-
20	6.8	6.8	-	-	-	-	5.1	5.1	-	-	-
22	5.6	6.6	6.8	-	-	-	5.1	5.1	5.1	-	-
24	4.3	5.2	6.3	6.2	-	-	3.9	4.7	5.1	5.1	-
26	3.2	4.0	5.0	5.9	5.6	-	2.8	3.6	4.6	5.1	5.1
28	2.2	2.9	3.9	4.7	5.2	-	1.8	2.6	3.5	4.3	4.9
30	1.4	2.0	2.9	3.6	4.0	-	1.0	1.7	2.6	3.3	3.7
32	-	1.2	2.0	2.6	3.0	-	-	-	1.7	2.4	2.8
34	-	-	1.2	1.8	2.1	-	-	-	1.0	1.5	1.9
36	-	-	-	1.0	-	-	-	-	-	-	1.1
38	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-

フルオートラフィングジブ

15.5 t		9.31 m x 8.30 m					1.9 m + 11.6 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m
8	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
9	14.6	-	-	-	-	-	11.4	-	-	-	-	-	-	-	-	-	9
10	14.6	-	-	-	-	-	11.4	-	-	-	-	10.5	-	-	-	-	10
11	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	-	-	-	-	11
12	14.6	14.6	-	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	12
14	14.1	14.6	11.2	-	-	-	11.4	11.4	-	-	-	10.5	10.4	-	-	-	14
16	12.4	12.4	10.8	9.0	-	-	11.4	11.4	10.8	-	-	10.5	10.4	9.7	-	-	16
18	11.3	11.3	10.4	8.7	7.8	-	10.3	10.4	10.4	8.7	7.8	9.5	9.6	9.7	8.7	-	18
20	9.2	10.0	9.9	8.4	7.7	-	8.4	9.1	9.9	8.4	7.7	7.5	8.3	9.4	8.4	7.7	20
22	7.5	8.2	9.1	8.1	7.5	-	6.7	7.4	8.3	8.2	7.6	5.9	6.7	7.6	8.2	7.6	22
24	6.1	6.7	7.5	7.9	7.4	-	5.3	6.0	6.8	7.4	7.4	4.6	5.2	6.1	6.8	7.3	24
26	4.9	5.4	6.1	6.6	-	-	4.2	4.7	5.4	6.0	6.4	3.4	4.0	4.8	5.4	5.8	26
28	3.8	4.3	4.9	5.4	-	-	3.1	3.6	4.3	4.8	-	2.5	3.0	3.7	4.2	4.5	28
30	2.9	3.4	3.9	4.3	-	-	2.3	2.7	3.3	3.7	-	1.6	2.1	2.7	3.2	-	30
32	2.1	2.5	3.0	3.3	-	-	1.5	1.9	2.4	2.8	-	-	1.3	1.8	2.2	-	32
34	1.4	1.8	2.2	2.5	-	-	-	1.2	1.6	2.0	-	-	-	1.1	1.4	-	34
36	-	1.1	1.5	1.7	-	-	-	-	-	1.2	-	-	-	-	-	-	36
38	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	38

		63.8 m					70.0 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	m
8	-	-	-	-	-	-	-	-	-	-	-	8
9	-	-	-	-	-	-	-	-	-	-	-	9
10	-	-	-	-	-	-	-	-	-	-	-	10
11	8.0	-	-	-	-	-	6.0	-	-	-	-	11
12	8.0	-	-	-	-	-	6.0	-	-	-	-	12
14	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	14
16	8.0	8.0	-	-	-	-	6.0	6.0	-	-	-	16
18	8.0	8.0	8.0	-	-	-	6.0	6.0	6.0	-	-	18
20	6.8	7.6	8.0	8.0	7.8	-	6.0	6.0	6.0	6.0	-	20
22	5.2	6.0	7.0	7.8	7.7	-	4.7	5.5	6.0	6.0	6.0	22
24	3.9	4.6	5.5	6.2	6.7	-	3.5	4.1	5.1	5.8	6.0	24
26	2.8	3.4	4.2	4.9	5.3	-	2.4	3.0	3.8	4.5	4.9	26
28	1.8	2.4	3.1	3.7	4.0	-	1.4	2.0	2.8	3.4	3.7	28
30	-	1.5	2.1	2.6	2.9	-	-	1.1	1.8	2.3	2.7	30
32	-	-	1.3	1.7	-	-	-	-	1.0	1.5	1.7	32
34	-	-	-	-	-	-	-	-	-	-	-	34
36	-	-	-	-	-	-	-	-	-	-	-	36
38	-	-	-	-	-	-	-	-	-	-	-	38

15.5 t		9.31 m x 8.30 m					1.9 m + 8.5 m					360°					
		51.2 m					55.4 m					59.6 m					
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	5°	15°	30°	45°	60°	
m	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	m	
7	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
8	18.2	-	-	-	-	-	13.6	-	-	-	-	-	-	-	-	8	
9	18.2	18.2	-	-	-	-	13.6	-	-	-	-	12.4	-	-	-	9	
10	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	-	-	-	10	
11	18.2	18.2	-	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	11	
12	17.8	18.2	15.3	-	-	-	13.6	13.6	-	-	-	12.4	12.4	-	-	12	
14	14.8	14.8	14.7	12.6	11.5	-	13.6	13.6	13.6	12.6	-	12.4	12.4	12.0	-	14	
16	13.4	13.3	14.1	12.2	11.3	-	12.1	12.3	13.4	12.3	11.4	11.2	11.2	12.0	11.9	11.4	16
18	10.9	11.5	11.9	11.9	11.2	-	10.0	10.6	11.5	11.6	11.2	9.0	9.7	10.6	11.2	11.2	18
20	8.8	9.3	10.1	10.6	10.9	-	7.9	8.5	9.3	9.9	10.3	7.1	7.7	8.5	9.1	9.5	20
22	7.1	7.5	8.2	8.7	9.0	-	6.3	6.8	7.4	7.9	8.3	5.5	6.0	6.7	7.2	7.6	22
24	5.6	6.1	6.6	7.0	-	-	4.9	5.3	5.9	6.3	-	4.1	4.6	5.2	5.7	5.9	24
26	4.4	4.8	5.3	5.6	-	-	3.7	4.1	4.6	5.0	-	3.0	3.4	3.9	4.3	-	26
28	3.4	3.7	4.1	4.4	-	-	2.7	3.0	3.5	3.8	-	2.0	2.4	2.9	3.2	-	28
30	2.4	2.8	3.1	3.4	-	-	1.8	2.1	2.5	2.8	-	1.1	1.5	1.9	2.2	-	30
32	1.7	1.9	2.3	2.5	-	-	1.0	1.3	1.7	1.9	-	-	-	1.1	1.3	-	32
34	-	1.2	1.5	1.6	-	-	-	-	-	1.1	-	-	-	-	-	-	34

		63.8 m					70.0 m				
		5°	15°	30°	45°	60°	5°	15°	30°	45°	60°
m	t	t	t	t	t	t	t	t	t	t	t
7	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	10.3	-	-	-	-	-	-	-	-	-	-
11	10.3	-	-	-	-	-	7.0	-	-	-	-
12	10.3	10.3	-	-	-	-	7.0	7.0	-	-	-
14	10.3	10.3	9.6	-	-	-	7.0	7.0	-	-	-
16	10.3	10.3	9.6	9.5	-	-	7.0	7.0	7.0	-	-
18	8.0	8.7	9.6	9.5	10.0	-	7.0	7.0	7.0	7.0	7.0
20	6.1	6.8	7.6	8.2	8.7	-	5.8	6.4	7.0	7.0	7.0
22	4.6	5.1	5.9	6.4	6.8	-	4.3	4.8	5.6	6.2	6.6
24	3.3	3.8	4.4	4.9	5.2	-	3.0	3.5	4.2	4.7	5.0
26	2.1	2.6	3.2	3.6	3.9	-	1.9	2.4	3.0	3.4	3.7
28	1.2	1.6	2.1	2.5	-	-	1.0	1.4	1.9	2.3	2.5
30	-	-	1.2	1.5	-	-	-	-	1.0	1.4	1.5
32	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-	-

MEMO

A large rectangular area with horizontal lines, intended for writing a memo. The lines are evenly spaced and cover the majority of the page's content area.

MEMO

A large rectangular area with horizontal lines, resembling a memo template or a writing area. The lines are evenly spaced and cover the majority of the page's content area.

MEMO

A large rectangular area with horizontal lines, intended for writing a memo. The lines are evenly spaced and cover the majority of the page's content area.

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