

Tadano All terrain crane

ATF-100G4(J)

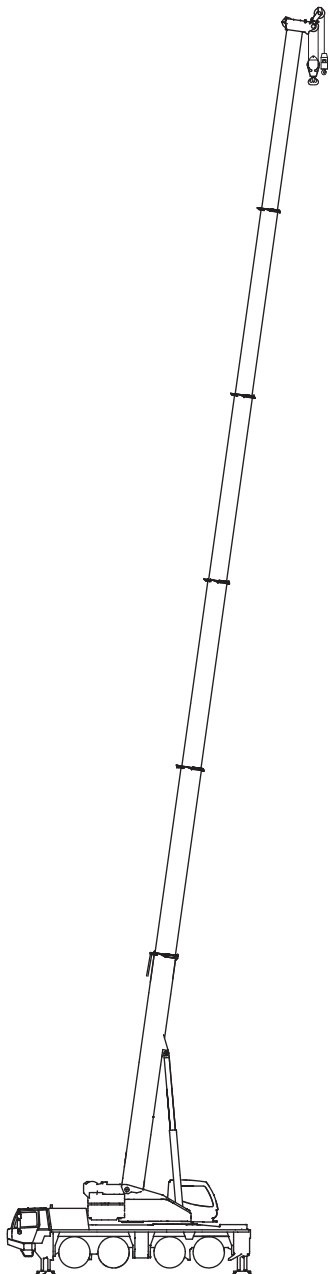
Specifications

Carrier: FAUN ATF90G-4

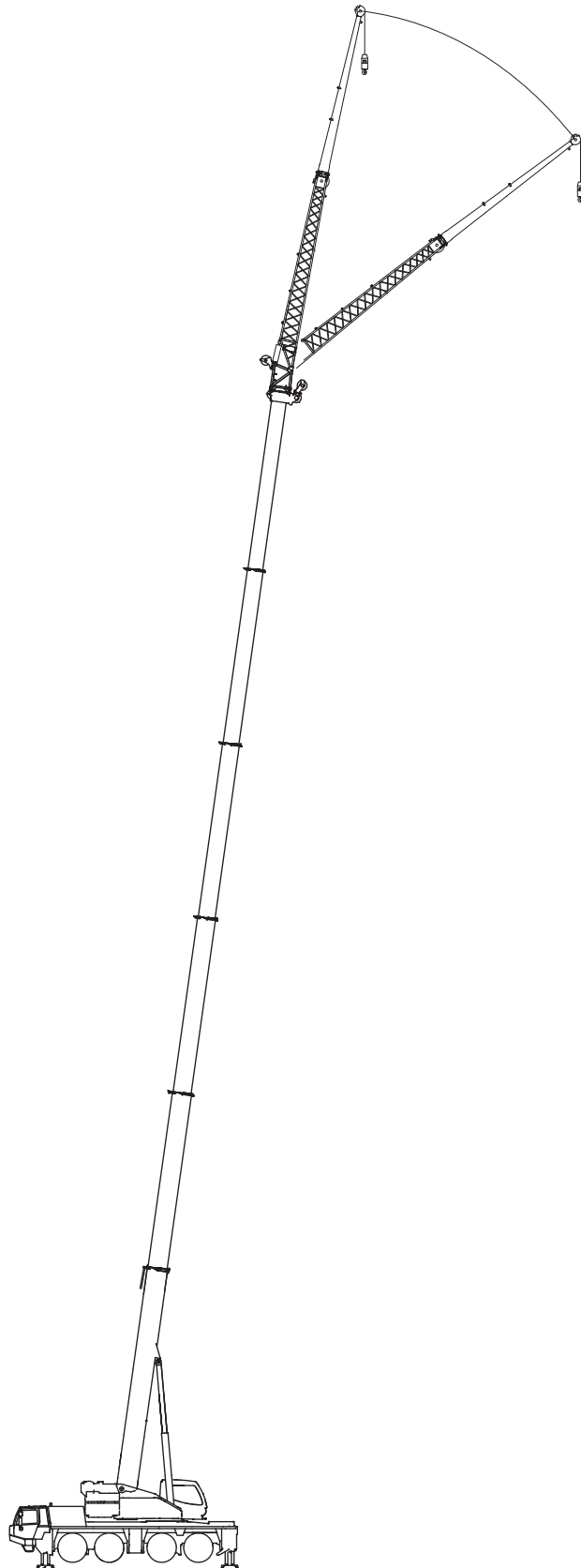
Spec. No. ATF-100G-1-90101

TADANO LTD.

Schematic

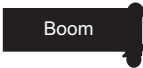


Boom



Hydraulic tilt jib
HLJ

Select rated lifting capacity table below based on combination of counterweights and outrigger extension width, and read the appropriate page.

Boom								Boom
	Counterweight	25 t	21 t	15 t	9 t	5 t	0 t	
	7.2 m	A	B	C	D	E	F	
	6.0 m	G	H	I	J	K	L	
	5.0 m	M	N	O	P	Q	R	
	2.55 m	—	—	—	—	—	S, T	
Boom + hydraulic tilt jib (HLJ)								HLJ
	Counterweight	25 t	21 t	15 t	9 t	5 t		
	7.2 m	A	B	C	D	E		
	6.0 m	G	H	I	J	K		
	5.0 m	M	N	O	P	Q		

Note: Do not perform crane operations for combinations displayed as (—).

Specifications

■ Crane

Boom	11.1 m	100,000 kg × 2.3 m (2 × 10 parts of line, with attachment)
	14.8 m	54,600 kg × 4.5 m (11 parts of line)
	18.5 m	54,600 kg × 3.5 m (11 parts of line)
	22.1 m	45,600 kg × 5.0 m (9 parts of line)
	25.8 m	40,900 kg × 4.5 m (8 parts of line)
	29.5 m	31,300 kg × 5.0 m (6 parts of line)
	33.2 m	23,800 kg × 8.0 m (5 parts of line)
	36.9 m	19,700 kg × 9.0 m (4 parts of line)
	40.5 m	15,800 kg × 10.0 m (3 parts of line)
	44.2 m	12,900 kg × 12.0 m (3 parts of line)
	47.9 m	10,200 kg × 16.0 m (2 parts of line)
	51.2 m	8,900 kg × 16.0 m (2 parts of line)
Single top		5,600 kg (1 part of line)
Hydraulic tilt jib (HLJ)	10.0 m HLJ	11,000 kg × 8.0 m (2 parts of line)
	18.0 m HLJ	5,600 kg × 11.0 m (1 part of line)
Maximum lifting height	Boom	52.0 m (8.9 t)
	HLJ	70.0 m (2.7 t)
Maximum load radius	Boom	48.0 m (1.7 t)
	HLJ	58.0 m (0.6 t)
Boom/jib length	Boom	11.1 m to 51.2 m
	HLJ	10.0 m, 18.0 m
Boom/jib type	Boom	Box-shaped 6-section hydraulic telescoping type, pin lock mechanism for each section
	HLJ	Lattice-shaped 1 section + box-shaped 1 section Offset (5° to 40°) Hydraulic stepless tilt type
	Single top	Lateral folding stowage attached to top boom
Boom telescoping device		1 double-acting direct-pushing hydraulic cylinder
Boom extension speed		40.1 m/290 s
Hook block		55 t hook block (5 sheave) 18 t hook block (1 sheave) 5.6 t hook block
Hoisting system		Hydraulic motor driven planetary gear speed reducer Automatic brake 2 single winches
Wire rope	Main winch	Dia. 18 mm × L 265 m, rotation-resistant wire rope
	Auxiliary winch	Dia. 18 mm × L 230 m, rotation-resistant wire rope
Hoist-up speed	Main winch	115 m/min (4th layer)
	Auxiliary winch	115 m/min (4th layer)
Boom elevating system		1 double-acting direct-pushing hydraulic cylinder
Boom raising speed		-0.5° to 82.0°/30 s
Slewing system		Hydraulic motor driven planetary gear speed reducer Ball slew bearings Manual switch slewing free Manual slew lock Manual switch brake
Slewing angle		360° continuous
Slewing speed		2.1 min ⁻¹
Counterweight		25 t, 21 t, 15 t, 9 t, 5 t
Outriggers		Fully hydraulic H-type Extension width: Maximum 7.2 m, Middle 6.0 m, 5.0 m Minimum 2.55 m Slide and jacks with independent operation device With slide lock pin Slide-stowing float
Upper engine	Type	Benz OM924LA Water-cooled, 4-cycle, in-line 4 cylinder, direct injection turbocharged diesel engine with intercooler, urea SCR system
	Displacement	4.8 L
	Maximum output	129 kW [175PS] / 2,200 min ⁻¹ (rpm)
	Maximum torque	675 N·m (68 kgf·m) / 1,200 to 1,600 min ⁻¹ (rpm)
Fuel tank capacity		220 L
AdBlue tank capacity		8 L
Hydraulic pump		High-pressure variable piston pump × 2 High-pressure piston pump × 1 High-pressure gear pump × 1

Safety devices	Load moment indicator (LMI) Work range limit function Hook block movement display function Outtrigger extension width detector (independent detection) Slew rang limit function Slewing automatic stop function Boom elevation slow stop function Anti-two-block device Over-unwinding cutout device Level Hook safety latch Slewing lock Hydraulic safety valve Hydraulic lock (boom telescoping/elevating/hoist up/jack)
Standard equipment	Counterweight mounting/demounting device Boom elevating speed slow speed mode setting device Slew slow speed mode setting device Jib tilt slow speed mode setting device Hoist-up slow speed mode setting device AML external warning lamp Anemometer Oil cooler Crane cab air conditioner Radio Drum monitor Slew auditory alarm Mobile communication device (HELLO-NET Owner's Site) (#GA5288 -)
Options	Loudspeaker

■ Carrier

Maximum speed		85 km/h
Gradability		$\tan\theta = 0.7$
Minimum turning radius		8.7 m
Overall length		13,000 mm
Overall width		2,780 mm
Overall height		3,850 mm
Wheel base		1,700 mm+2,440 mm+1,700 mm
Wheel track		2,350 mm
Gross vehicle weight (When travelling on public roads)	Overall weight	39,800 kg
	Front axle	22,840 kg (1 axle + 2 axle)
	Rear axle	16,960 kg (3 axle + 4 axle)
Passenger occupancy		Two persons
Engine	Type	Benz OM501LA, Water-cooled, 4-cycle, V6 cylinder direct injection turbodiesel engine with intercooler, urea SCR system
	Displacement	11.946 L
	Maximum output	320 kW [435PS] / 1,800 min ⁻¹
	Maximum torque	2,100 N·m [214 kgf·m] / 1,300 min ⁻¹
Fuel tank capacity		400 L
AdBlue tank capacity		40 L
Transmission	Type	ZF AS tronic with automatic transmission interarder brake
	Gears	12 forward and 2 reverse speeds
Driving method		8 × 4 (6) (2nd axle) + 3rd axle + 4th axle, with differential lock
Axle type		Full-floating type
Suspension		All-axle hydropneumatic, with leveling adjusting device Suspension lock: +150 mm, -50 mm
Steering		Left-hand handle, emergency steering pump dual system with power steering, special steering
Brakes	Main brake	Pneumatic all-wheel braking, dual system, ABS
	Parking brake	2nd/3rd/4th axle spring brake
	Auxiliary brake	Transmission-integrated interarder, exhaust brake
Tires		385/95 R25 170F ROAD (all-wheel)
Battery		12V-170Ah × 2 (24V)
Standard equipment		Car air conditioner, radio, centralized lubrication system, sleeping area, back monitor

Travelling

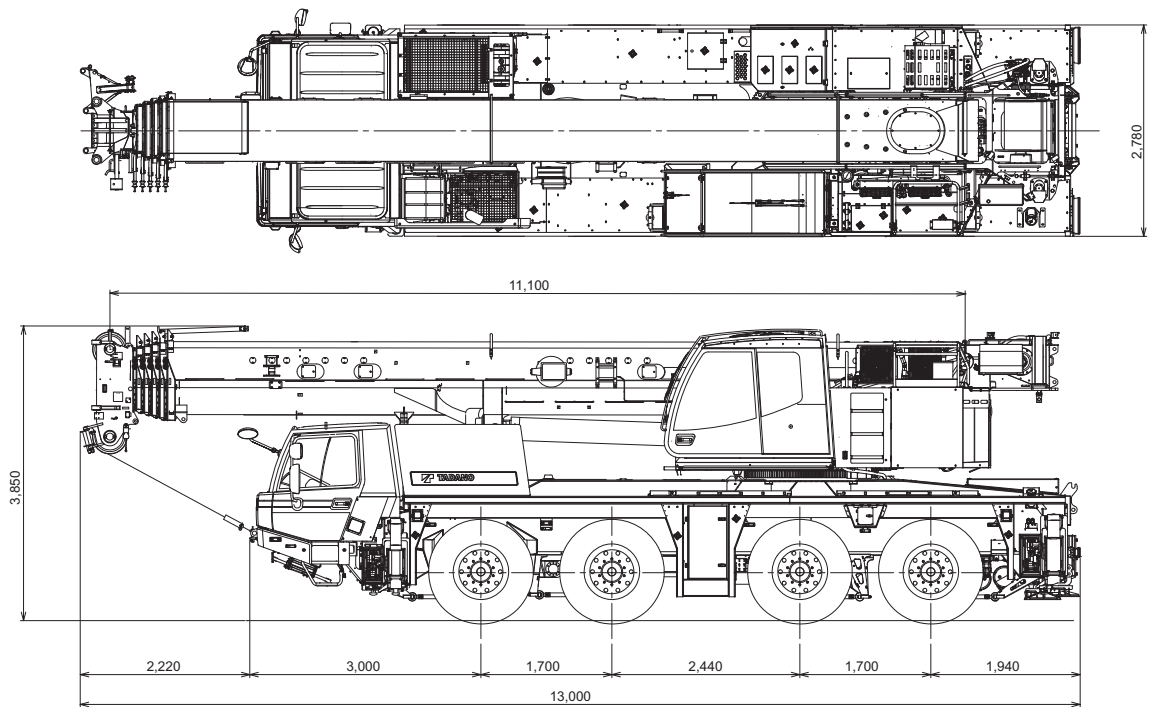
■ When travelling on public roads

Unit (mm)

● 39.8 t

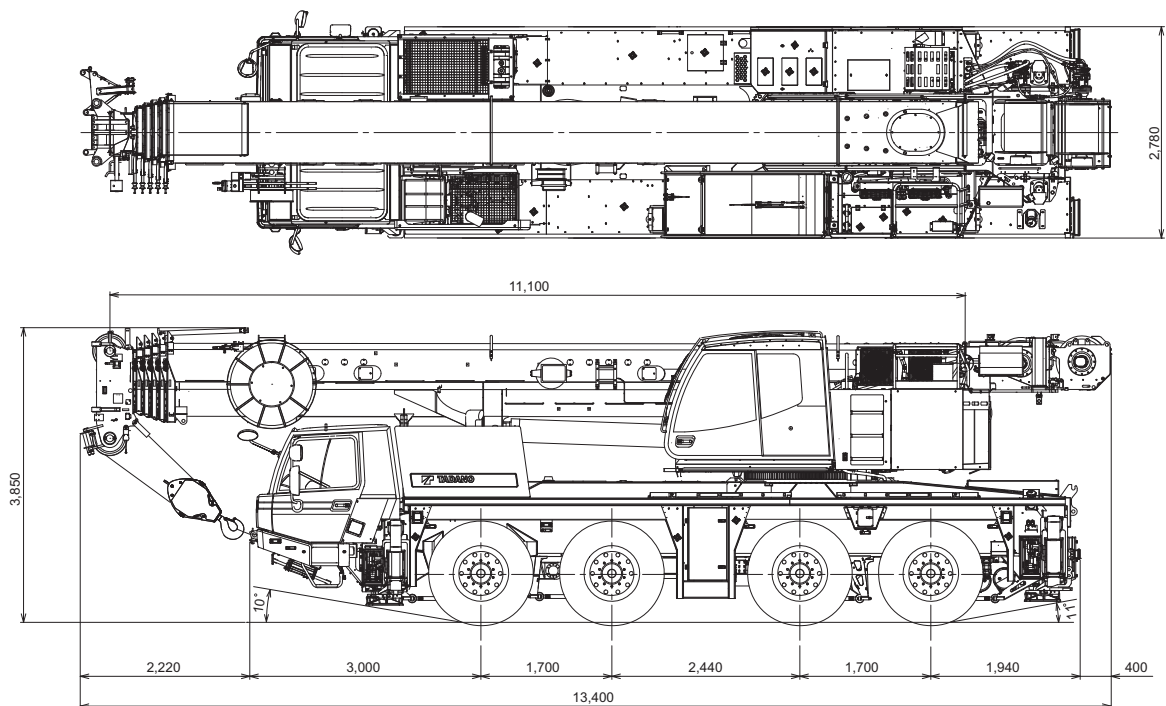
(Caution for travelling on public roads)

1. Jib, sub-winch, counterweight device and hose reel must be sent separately.
2. Authorization for relaxed safety standards must be acquired, in accordance with road transport vehicle safety standard.
3. (Standard) certificate of conformance has been acquired under the Newly Developed Vehicle Certificate System, but running conditions will be decided based on the calculations of the road administrator for each route.



■ When travelling on premises

Unit (mm)



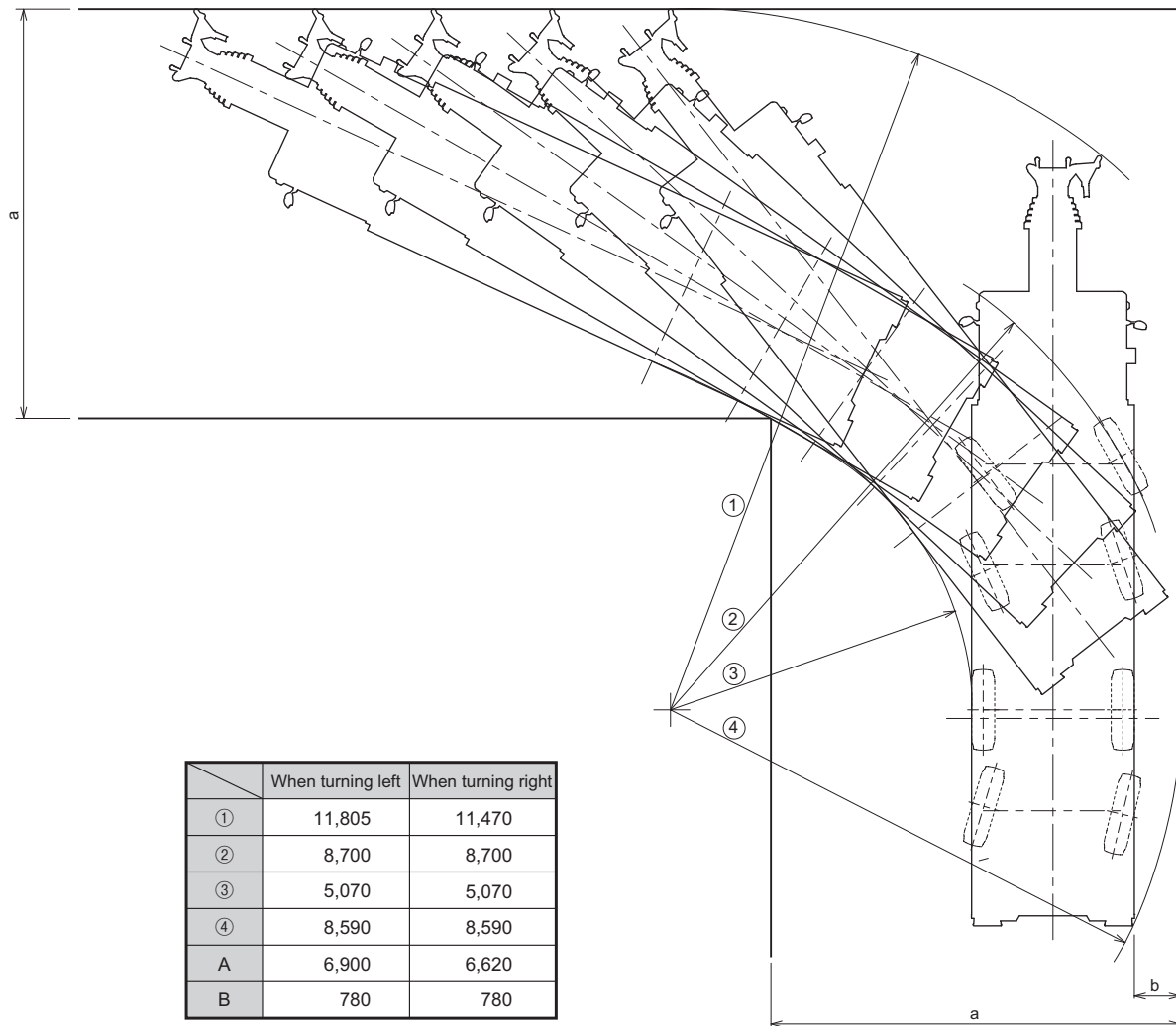
+150 mm, -50 mm (suspension)

Minimum road clearance: 220 mm

Travelling

■ Minimum right-angle passage width

Unit (mm)

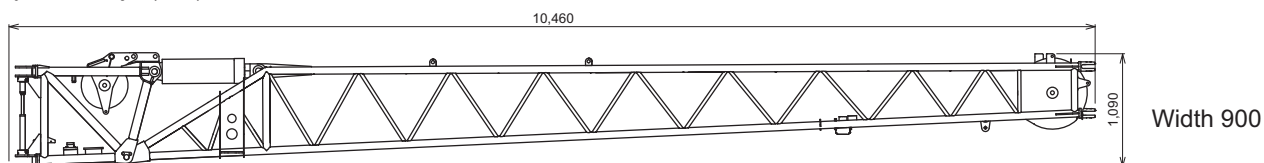


Conveyance

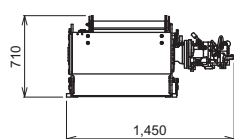
Disassembled conveyance components

Unit (mm)

● Hydraulic tilt jib (HLJ) 1.0 t

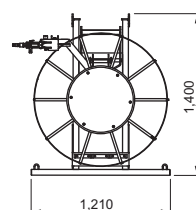


● Auxiliary winch 1.0 t



Length 780

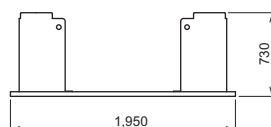
● Hose reel 0.2 t



Width 670

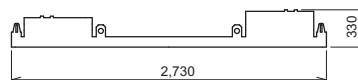
● Counterweight (C/W)

① 1.0 t



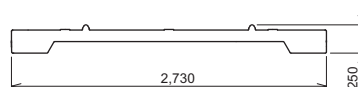
Length 1,370

② 4.5 t



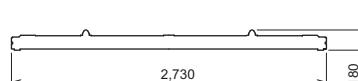
Length 1,600

③ 2.9 t



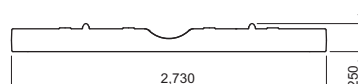
Length 1,600

④ 1.2 t



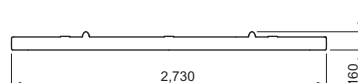
Length 1,600

⑤ 4.4 t



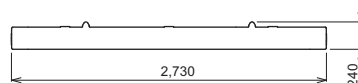
Length 1,600

⑥ 2.7 t



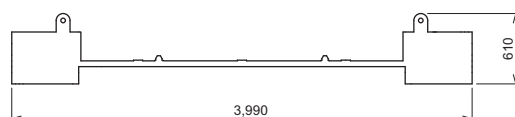
Length 1,600

⑦ 4.6 t



Length 1,600

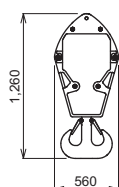
⑧ 4.0 t



Length 1,600

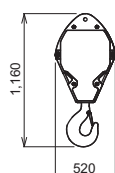
● Hook block

55 t hook block 0.65 t



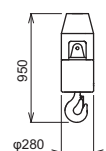
Width 550

18 t hook block 0.3 t



Width 265

5.6 t hook block 0.15 t



Width 280

● Attachment jib + Adaptor 0.1 t

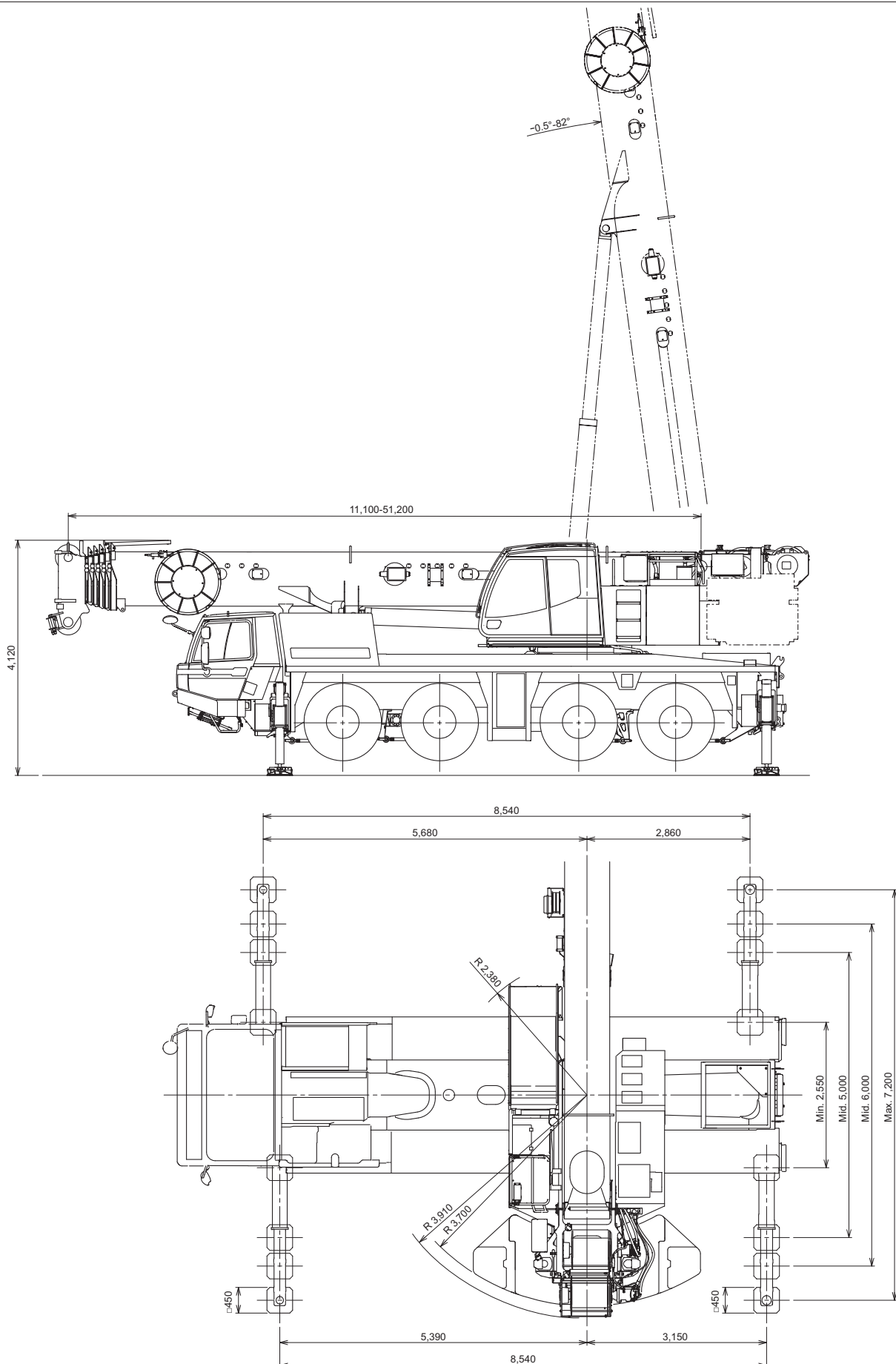


Width 1,210

Mounting

■ Outrigger extension width/Tail swing

Unit (mm)



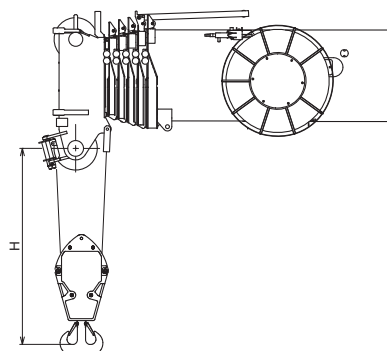
Mounting

■ Hook block dimensions

Unit (mm)

H : Distance between head jib midline and hook top surface

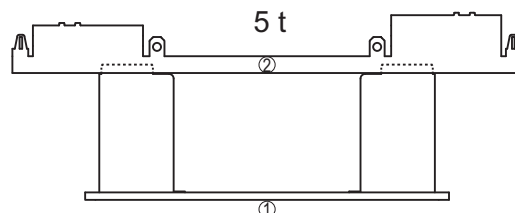
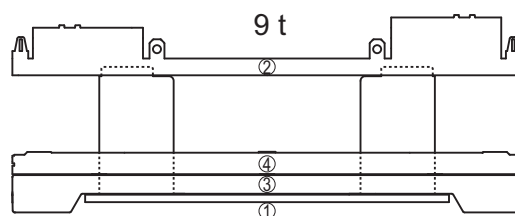
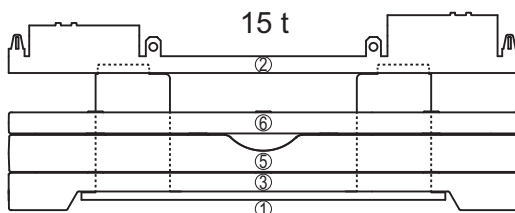
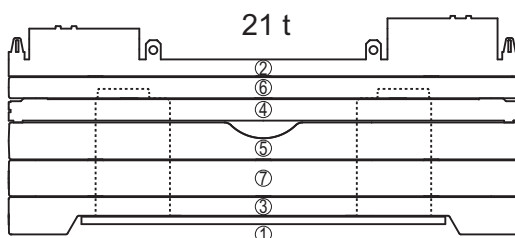
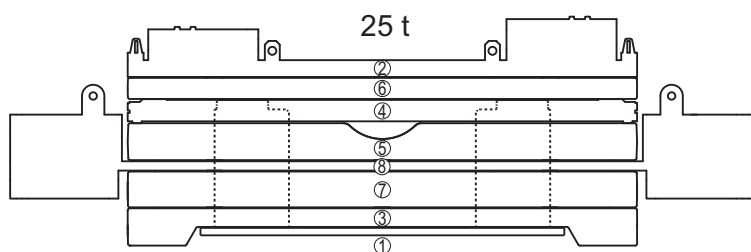
	55 t hook block	18 t hook block	5.6 t hook block
Boom	2.0 m	2.0 m	
Single top			2.8 m
10 m jib		2.9 m	3.0 m
18 m jib			2.8 m



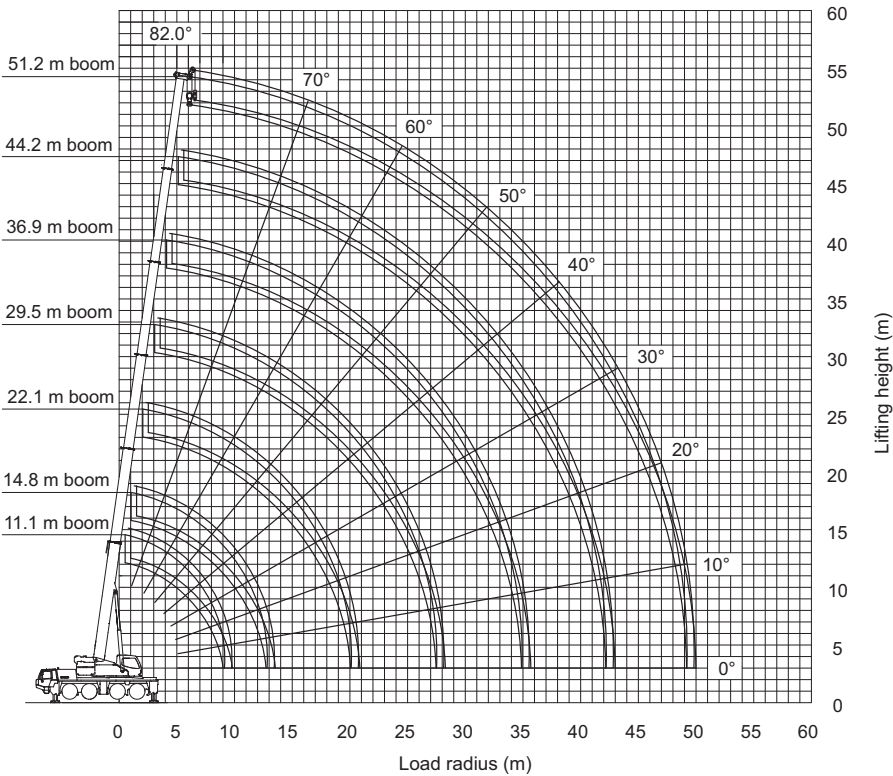
■ Counterweight (C/W) combinations

● Displays actual number of items in use for each weight

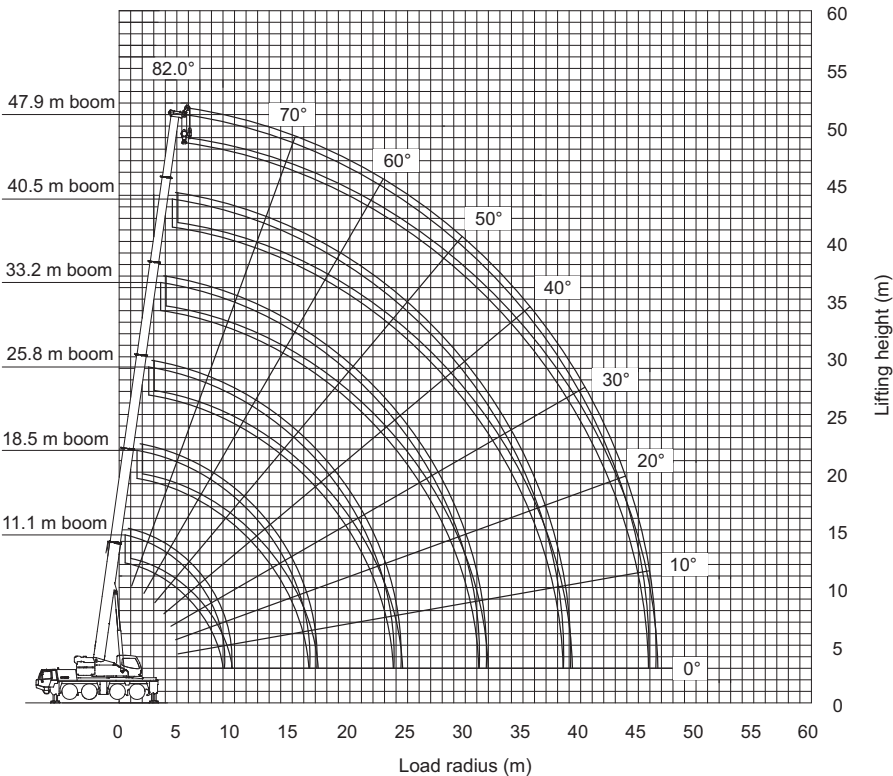
Weight Name(actual weight)	Weight ① 1.0 t	Weight ② 4.5 t	Weight ③ 2.9 t	Weight ④ 1.2 t	Weight ⑤ 4.4 t	Weight ⑥ 2.7 t	Weight ⑦ 4.6 t	Weight ⑧ 4.0 t
25 t (25.3 t)	1	1	1	1	1	1	1	1
21 t (21.3 t)	1	1	1	1	1	1	1	
15 t (15.5 t)	1	1	1		1	1		
9 t (9.6 t)	1	1	1	1				
5 t (5.5 t)	1	1						



Boom working range chart



Note 1. The above drawing does not include boom deflection.
2. Displays A capacity



Note 1. The above drawing does not include boom deflection.
2. Displays A capacity.

Boom rated lifting capacity table

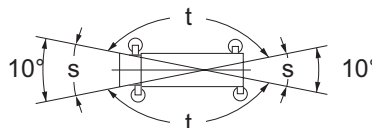
■ Precautions concerning rated lifting capacity table

◆ Rated lifting capacity table capacity classifications A-T are as shown in the chart below.

Counterweight Outrigger extension width	25 t	21 t	15 t	9 t	5 t	0 t
7.2 m	A	B	C	D	E	F
6.0 m	G	H	I	J	K	L
5.0 m	M	N	O	P	Q	R
2.55 m						S, T

*Rated lifting capacity may vary depending on telescoping ratio, even when capacity classification and boom length remain the same.

*S, T capacity is limited to boom of 22.1 m or less, with working area as shown in the diagram below.



◆ Rated lifting capacities include the weight of the lifting devices and hook block (55 t hook block: 510 kg, 18 t hook block: 300 kg, 5.6 t hook block: 150 kg).

◆ Rated lifting capacities are based on actual load radius, including boom deflection.

◆ When using fewer parts of line than the standard number included in rated lifting capacity tables, maximum load limits will be as shown in the chart below.

Number of parts of line	11 parts	10 parts	9 parts	8 parts	7 parts	6 parts	5 parts	4 parts	3 parts	2 parts	1 part
Maximum load	54.6 t	50.2 t	45.6 t	40.9 t	36.1 t	31.3 t	26.3 t	21.3 t	16.1 t	11.0 t	5.6 t

◆ When using the single top, the number of parts of line is 1 (using 5.6 t hook block), and the rated lifting capacity is the value obtained by subtracting the weight of the hook block attached to the boom from the rated lifting capacity, and must not exceed 5.6 t.

◆ The rated lifting capacities assume that the outriggers are set firmly on level ground.

◆ Rated lifting capacity tables do not account for the effect of wind. Do not operate the crane during maximum instantaneous wind speeds of 10 m/s or greater.

Explanation of lines and terminology used in rated lifting capacity tables

◆ The values above the thick line are based on the structural strength while those below are based on the crane stability factor.

◆ "Maximum load without pin" indicates maximum rated lifting capacity when the B-pin (boom fixing pin) is not inserted.

◆ " $\theta(^{\circ})$ " indicates boom elevation angle range in which operation is possible without load.

◆ "Main winch, standard number of parts of line" indicates the standard number of parts of line when using the main winch.

◆ "Auxiliary winch, standard number of parts of line" indicates the standard number of parts of line when using the auxiliary winch. As the wire rope is shorter than when using the main winch, the number of parts of line may be less.

◆ "Auxiliary winch, maximum load" indicates maximum rated lifting capacity when using the auxiliary winch.

[C capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	12	3	1	5	4	1	6	1	7	1	1	8	
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22	
Boom length (m)	11.1	14.8			18.5																									
Load radius (m)	11.1	14.8			18.5																									
2.5	54.6																													
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																							
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																			
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																
5.0	53.4	53.1	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0													
6.0	45.5	45.1	29.1	40.4	45.3	32.0	20.6	37.2	44.8	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3										
7.0	39.0	38.6	26.8	35.8	38.7	29.6	18.6	32.8	39.0	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9					
8.0	33.7	33.0	24.8	32.1	33.2	27.6	17.0	29.3	33.7	29.5	18.9	27.7	30.8	17.2	26.1	28.5	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0			
9.0	23.3	26.7	23.2	26.1	26.9	25.9	15.7	26.4	27.3	27.0	17.5	24.9	29.0	15.6	23.9	28.5	17.0	22.1	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2		
10.0		22.1	21.8	21.6	22.3	24.1	14.5	21.9	22.8	24.6	16.3	22.3	24.3	14.3	21.9	23.9	15.5	20.7	19.5	14.1	18.5	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9	
11.0		18.8	20.5	18.3	18.9	21.0	13.4	18.5	19.3	21.1	15.1	18.9	20.8	13.2	19.5	20.5	14.2	19.2	18.5	13.2	17.4	15.4	13.3	15.6	12.9	12.9	11.0	10.2	8.9	
12.0		16.0	17.8	15.5	16.2	18.3	12.5	15.7	16.6	18.4	14.0	16.2	18.1	12.2	16.7	17.7	13.1	17.3	17.6	12.1	16.4	14.6	12.6	14.8	12.6	12.9	11.0	10.2	8.9	
14.0				11.6	12.2	14.2	11.1	11.8	12.6	14.2	12.3	12.2	14.0	10.6	12.7	13.6	11.4	13.2	14.1	10.4	13.2	13.3	11.4	13.3	11.5	12.2	11.0	10.2	8.9	
16.0				8.9	9.5	11.4	10.0	9.1	9.9	11.4	10.9	9.5	11.2	9.3	10.0	10.9	10.0	10.5	11.3	9.1	10.5	11.5	10.3	10.6	10.5	10.8	10.6	10.2	8.9	
18.0								7.2	7.9	9.4	9.8	7.5	9.2	8.3	8.0	8.8	8.9	8.5	9.3	8.1	8.5	9.5	9.2	8.6	9.6	8.8	9.4	9.1	8.7	
20.0								5.7	6.5	7.9	8.3	6.0	7.7	7.5	6.5	7.3	8.0	7.0	7.7	7.2	6.9	7.9	8.2	7.1	8.0	7.3	7.8	7.6	7.6	
22.0												4.9	6.5	6.8	5.3	6.1	7.2	5.8	6.5	5.8	6.7	7.0	5.9	6.8	6.1	6.6	6.4	6.4		
24.0															4.4	5.2	6.2	4.8	5.6	5.9	4.8	5.8	6.1	4.9	5.8	5.1	5.6	5.4	5.4	
26.0															3.6	4.4	5.4	4.0	4.8	5.3	4.0	5.0	5.3	4.1	5.0	4.3	4.8	4.6	4.6	
28.0																		3.4	4.1	4.6	3.4	4.3	4.6	3.5	4.4	3.7	4.2	3.9	3.9	
30.0																		2.9	3.6	4.1	2.8	3.7	4.0	2.9	3.8	3.1	3.6	3.4	3.4	
32.0																					2.3	3.2	3.5	2.5	3.3	2.6	3.1	2.9	2.9	
34.0																					2.0	2.8	3.1	2.0	2.9	2.2	2.7	2.5	2.5	
36.0																								1.7	2.5	1.8	2.3	2.1	2.1	
38.0																								1.4	2.2	1.5	2.0	1.8	1.8	
40.0																										1.3	1.8	1.5	1.5	
42.0																										1.0	1.5	1.2	1.2	
44.0																												1.0	1.0	
46.0																													0.8	
48.0																													0.6	
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9	
θ (°)	0 to 82	0 to 82			0 to 82				0 to 82				0 to 82			0 to 82			0 to 82			0 to 82			0 to 82		0 to 82	0 to 82	0 to 82	0 to 82
Telescoping ratio (%)																														
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	46	46	92	92	92	100
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	46	92	46	46	92	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	46	46	46	92	46	92	46	92	92	92	92	92	100	
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	92	92	92	92	100	
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t			55 t			55 t		18 t		18 t		18 t		18 t	18 t
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		300 kg	300 kg
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5	6	5	5	4	4	3	3	3	3	3	3	3	2	2	2	2	
Auxiliary winch, standard	11	11	7	9	7	6	8	7	6	6	5	6	5	5	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	
Number of parts of line																														
Auxiliary winch	54.6	54.6	35.0	45.6	35.0	29.9	40.9	35.0	29.3	31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9				
Maximum load																														

Note: Counterweight 15 t, outrigger extension width 7.2 m

[D capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22			
(Boom length (m)	11.1	14.8			18.5																											
Load radius (m)	11.1	14.8			18.5																											
2.5	54.6																															
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																									
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																					
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																		
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																		
5.0	52.5	52.1	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0															
6.0	43.9	43.5	29.1	40.4	43.7	32.0	20.6	37.2	44.0	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3												
7.0	36.4	35.6	26.8	35.0	35.9	29.6	18.6	32.8	36.4	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0					
8.0	28.3	27.5	24.8	26.9	27.7	27.6	17.0	27.2	28.2	29.5	18.9	27.7	30.0	17.2	26.1	28.5	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
9.0	22.8	22.0	23.2	21.4	22.2	24.6	15.7	21.7	22.7	24.7	17.5	22.2	24.4	15.6	22.9	24.0	17.0	22.1	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
10.0		17.8	19.8	17.3	18.0	20.4	14.5	17.6	18.5	20.5	16.3	18.0	20.2	14.3	18.7	19.8	15.5	19.3	19.5	14.1	18.5	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9			
11.0		14.8	16.6	14.3	15.0	17.2	13.4	14.6	15.4	17.3	15.1	15.0	17.0	13.2	15.6	16.6	14.2	16.2	17.2	13.2	16.2	15.4	13.3	15.6	12.9	12.9	11.0	10.2	8.9			
12.0		12.5	14.3		12.0	12.7	14.8	12.5	12.2	13.1	14.9	14.0	12.7	14.6	12.2	13.2	14.2	13.1	13.8	14.8	12.1	13.8	14.6	12.6	14.0	12.6	12.9	11.0	10.2	8.9		
14.0					8.7	9.4	11.3	11.1	9.0	9.7	11.4	11.9	9.3	11.2	10.6	9.9	10.8	11.4	10.4	11.3	10.4	10.4	11.5	11.4	10.6	11.5	10.8	11.0	10.2	8.9		
16.0					6.5	7.1	9.0	9.0	6.7	7.5	9.0	9.5	7.1	8.8	9.3	7.6	8.5	9.6	8.1	8.9	9.1	8.1	9.2	9.5	8.3	9.2	8.5	9.0	8.8	8.8		
18.0									5.1	5.8	7.4	7.8	5.5	7.1	7.8	5.9	6.8	7.9	6.4	7.2	7.8	6.4	7.4	7.8	6.6	7.5	6.8	7.3	7.1	7.1		
20.0									3.9	4.7	6.1	6.5	4.2	5.9	6.5	4.7	5.5	6.6	5.1	5.9	6.5	5.1	6.1	6.5	5.3	6.2	5.5	6.0	5.8	5.8		
22.0													3.3	4.9	5.5	3.7	4.5	5.6	4.2	4.9	5.5	4.1	5.1	5.4	4.3	5.2	4.5	5.0	4.8	4.8		
24.0																2.9	3.7	4.8	3.4	4.1	4.6	3.3	4.3	4.6	3.5	4.4	3.7	4.2	4.0	4.0		
26.0																2.3	3.1	4.1	2.7	3.4	4.0	2.7	3.6	3.9	2.8	3.7	3.0	3.5	3.3	3.3		
28.0																			2.2	2.9	3.4	2.1	3.1	3.4	2.3	3.1	2.4	3.0	2.7	2.7		
30.0																			1.7	2.4	3.0				1.8	2.7	2.0	2.5	2.3	2.2		
32.0																								1.3	2.2	2.5	1.4	2.3	1.6	2.1	1.8	1.8
34.0																								1.0	1.9	2.2	1.1	1.9	1.2	1.7	1.5	1.5
36.0																											0.8	1.6	0.9	1.4	1.2	1.2
38.0																											0.5	1.4	0.7	1.2	0.9	0.9
40.0																													0.9	0.7	0.7	0.7
42.0																													0.7	0.5		
Without pin																																
Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
θ (°)	0 to 82	0 to 82			0 to 82				0 to 82				0 to 82		0 to 82		0 to 82		0 to 82			0 to 82			0 to 82		0 to 82		0 to 82	0 to 82	0 to 26	to 82
Telescoping ratio (%)																																
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100		
Telescopic section 2	0	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	92	100	
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	46	92	46	46	92	46	92	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	92	92	92	92	92	100	
Telescopic section 5	0	0	46	0	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	46	92	46	92	46	92	92	100	
Standard hook block	55 t	55 t			55 t				55 t				55 t		55 t		55 t		55 t		55 t		55 t		18 t		18 t		18 t		18 t	16 t
Hook block weight	650 kg	650 kg			650 kg				650 kg				650 kg		650 kg		650 kg		650 kg		650 kg		300 kg		300 kg		300 kg		300 kg	300 kg	300 kg	
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5	6	5	5	5	4	4		4		3		3		3	3	2	2	2	
Number of parts of line																																
Auxiliary winch, standard	11	11	7		9		7	6	8	7	6	6	5	6	5	5	5	4		4		3		3		3	3	2	2	2	2	
Number of parts of line																																
Auxiliary winch	54.6	54.6	35.0		45.6		35.0	29.9		40.9		35.0	29.3		31.3		25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9
Maximum load																																

[E capacity]

Boom

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22	
Boom length (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2		47.9	51.2	
Load radius (m)	2.5	54.6																												
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																							
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																			
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																
5.0	51.2	50.8	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0													
6.0	42.8	42.4	29.1	40.4	42.6	32.0	20.6	37.2	42.8	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3										
7.0	31.7	30.9	26.8	30.3	31.1	29.6	18.6	30.6	31.7	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9					
8.0	24.2	23.4	24.8	22.7	23.6	26.4	17.0	23.1	24.2	26.5	18.9	23.6	26.2	17.2	24.4	25.7	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0			
9.0	19.1	18.2	20.3	17.7	18.5	21.0	15.7	18.0	19.0	21.1	17.5	18.5	20.8	15.6	19.2	20.3	17.0	19.8	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2		
10.0		14.7	16.6	14.1	14.9	17.2	14.5	14.4	15.3	17.3	16.3	14.9	17.1	14.3	15.5	16.6	15.5	16.2	17.2	14.1	16.2	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9	
11.0		12.1	13.9	11.6	12.3	14.5	13.4	11.8	12.7	14.5	15.1	12.3	14.3	13.2	12.9	13.9	14.2	13.5	14.5	13.2	13.5	14.7	13.3	13.7	12.9	12.9	11.0	10.2	8.9	
12.0		10.1	11.8	9.6	10.3	12.4	12.4	9.8	10.7	12.4	13.0	10.3	12.2	12.2	10.8	11.8	13.1	11.4	12.3	12.1	11.4	12.6	12.6	11.6	12.6	11.0	10.2	8.9		
14.0				6.8	7.4	9.4	9.4	7.0	7.8	9.4	9.9	7.4	9.2	10.0	7.9	8.8	10.1	8.5	9.3	10.0	8.5	9.6	9.9	8.6	9.7	8.8	9.5	9.2	8.9	
16.0				4.9	5.5	7.4	7.4	5.1	5.8	7.4	7.9	5.4	7.2	7.9	5.9	6.8	8.0	6.4	7.3	7.9	6.4	7.5	7.9	6.6	7.6	6.8	7.4	7.2	7.1	
18.0								3.7	4.4	5.9	6.4	4.0	5.7	6.4	4.0	5.7	6.4	4.5	5.4	6.5	5.0	5.8	6.4	5.0	6.0	6.3	5.1	5.3	5.7	5.5
20.0								2.7	3.4	4.9	5.3	3.0	4.6	5.3	3.4	4.3	5.4	3.9	4.7	5.2	3.9	4.9	5.2	4.0	5.0	4.4	4.5	4.5	4.5	
22.0												2.2	3.8	4.4	2.6	3.4	4.5	3.0	3.8	4.4	3.0	4.0	4.3	3.2	4.1	3.4	3.9	3.7	3.7	
24.0															1.9	2.7	3.8	2.4	3.1	3.6	2.3	3.3	3.6	2.5	3.4	2.7	3.2	3.0	3.0	
26.0																1.4	2.2	3.2		1.8	2.5	3.1	1.8	2.7	3.0	1.9	2.8	2.1	2.6	2.4
28.0																			1.3	2.1	2.6	1.3	2.2	2.5	1.4	2.3	1.6	2.1	1.9	1.9
30.0																				1.0	1.7	2.2	0.9	1.8	2.1	1.0	1.9	1.2	1.5	1.5
32.0																							1.5	1.8	0.7	1.5	0.9	1.4	1.1	1.1
34.0																							1.2	0.6	1.1	0.8	1.2	0.6	0.8	0.8
36.0																								1.0		0.8	0.6	0.6	0.5	
38.0																									0.8		0.6			
Without pin	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9	
Maximum load																														
θ (°)	0 to 82	0 to 82		0 to 82					0 to 82				0 to 82		0 to 82			0 to 82				0 to 82		22 to 82	0 to 82	31 to 82	0 to 82	36 to 82	44 to 82	
Telescoping ratio (%)																														
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100	
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	46	92	92	92	92	92	100	
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	0	46	46	46	92	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	92	92	92	92	100	
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	92	100	
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t		55 t		55 t		55 t		18 t		18 t		18 t	18 t		
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg		650 kg		650 kg		650 kg		180 kg		180 kg		300 kg	300 kg	300 kg	
Main winch, standard	11	11	7	11	10	7	6		9	7	6	8	7	5		6	5	5		4		4		3		3	3	2	2	2
Number of parts of line																														
Auxiliary winch, standard	11	11	7		9	7	6		8	7	6		6	5		6	5	5		4		4		3		3	3	2	2	2
Number of parts of line																														
Auxiliary winch	54.6	54.6	35.0		45.6		35.0	29.9		40.9	35.0	29.3		31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9
Maximum load																														

Note: Counterweight 5 t, outrigger extension width 7.2 m

[F capacity]

Boom

[illegible]

Note: Counterweight 0 t, outrigger extension width 7.2 m

[G capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22			
Boom number																																
Boom length (m)	11.1	14.8																														
Load radius (m)																																
2.5	54.6																															
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																									
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																					
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																		
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																		
5.0	52.5	52.1	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0															
6.0	45.2	44.7	29.1	40.4	44.9	32.0	20.6	37.2	44.8	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3												
7.0	39.4	39.0	26.8	35.8	39.1	29.6	18.6	32.8	39.4	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9							
8.0	34.5	34.3	24.8	32.1	34.5	27.6	17.0	29.3	34.8	29.5	18.9	27.7	30.8	17.2	26.1	28.5	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0					
9.0	23.3	29.2	23.2	28.7	29.4	25.9	15.7	26.4	29.9	27.0	17.5	24.9	29.1	15.6	23.9	28.5	17.0	22.1	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2				
10.0		24.4	21.8	23.9	24.5	24.1	14.5	23.9	25.0	24.8	16.3	22.6	26.5	14.3	21.9	26.2	15.5	20.7	19.5	14.1	18.5	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9			
11.0		20.7	20.6	20.2	20.9	22.4	13.4	20.5	21.3	22.9	15.1	20.6	22.8	13.2	20.0	22.4	14.2	19.2	18.5	13.2	17.4	15.4	13.3	15.6	12.9	12.9	11.0	10.2	8.9			
12.0		17.9	19.5					12.5	17.6	18.4	20.1	14.0	18.0	19.9	12.2	18.3	19.5	13.1	17.7	17.6	12.1	16.4	14.6	12.6	14.8	12.6	12.9	11.0	10.2	8.9		
14.0								11.1	13.5	14.3	15.8	12.3	13.9	15.6	10.6	14.4	15.3	11.4	14.9	15.7	10.4	14.3	13.3	11.4	13.3	11.5	12.2	11.0	10.2	8.9		
16.0					10.5	11.1	12.8	10.0	10.7	11.4	12.9	10.9	11.0	12.7	9.3	11.5	12.3	10.0	12.0	12.8	9.1	12.0	12.2	10.3	11.9	10.5	11.1	10.6	10.2	8.9		
18.0									8.6	9.3	10.7	9.8	8.9	10.5	8.3	9.4	10.2	8.9	9.8	10.6	8.1	9.8	10.8	9.2	10.0	9.6	10.1	9.9	9.3	8.7		
20.0								7.0	7.7	9.0	9.0				7.3	8.9	7.5	7.8	8.6	8.0	8.2	9.0	7.2	8.2	9.2	8.2	8.3	8.5	8.5	9.1	8.6	8.0
22.0																6.1	7.6	6.8														
24.0																																
26.0																																
28.0																																
30.0																																
32.0																																
34.0																																
36.0																																
38.0																																
40.0																																
42.0																																
44.0																																
46.0																																
48.0																																
Without pin	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
Maximum load																																
θ (°)	0 to 82	0 to 82			0 to 82				0 to 82				0 to 82			0 to 82			0 to 82			0 to 82			0 to 82		0 to 82	0 to 82	0 to 82	0 to 82	0 to 82	
Telescoping ratio (%)																																
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100		
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	100	
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100		
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	92	92	92	92	92	100		
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	46	92	46	92	92	100		
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t			55 t			55 t			55 t		18 t		18 t		18 t		
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg			650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5	6	5	5	4	4	3	3					3	3	2	2	2	2		
Number of parts of line																																
Auxiliary winch, standard	11	11	7	9	7	6	8	7	6	6	5	6	5	5	4	4	3	3							3	3	2	2	2	2		
Number of parts of line																																
Auxiliary winch, maximum load	54.6	54.6	35.0	45.6	35.0	29.9	40.9	35.0	29.3	31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9						

Note: Counterweight 25 t, outrigger extension width 6.0 m

[H capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22		
Boom length (m)	11.1	14.8																													
Load radius (m)	11.1	14.8																													
2.5	54.6																														
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																								
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																				
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																	
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																	
5.0	53.8	53.4	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0														
6.0	45.6	45.1	29.1	40.4	45.2	32.0	20.6	37.2	44.8	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3											
7.0	39.0	38.6	26.8	35.8	38.7	29.6	18.6	32.8	39.0	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9						
8.0	33.2	32.5	24.8	31.9	32.7	27.6	17.0	29.3	33.2	29.5	18.9	27.7	30.8	17.2	26.1	28.5	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0				
9.0	23.3	26.2	23.2	25.7	26.4	25.9	15.7	26.0	26.9	27.0	17.5	24.9	28.5	15.6	23.9	28.1	17.0	22.1	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2			
10.0		21.8	21.1	21.3	21.9	24.1	14.5	21.5	22.4	24.2	16.3	21.9	24.0	14.3	21.9	23.6	15.5	20.7	19.5	14.1	18.5	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9		
11.0		18.4	20.8	17.9	18.6	20.7	13.4	18.2	19.0	20.7	15.1	18.6	20.5	13.2	19.2	20.1	14.2	19.2	18.5	13.2	17.4	15.4	13.3	15.6	12.9	12.9	11.0	10.2	8.9		
12.0		15.9	17.5		15.4	16.0	18.0	12.5	15.6	16.4	18.1	14.0	16.0	17.8	12.2	16.5	17.5	13.1	17.1	17.6	12.1	16.4	14.6	12.6	14.8	12.6	12.9	11.0	10.2	8.9	
14.0					11.7	12.2	14.1	11.1	11.8	12.6	14.2	12.3	12.2	14.0	10.6	12.7	13.6	11.4	13.2	14.1	10.4	13.2	13.3	11.4	13.3	11.5	12.2	11.0	10.2	8.9	
16.0					9.1	9.7	11.4	10.0	9.3	10.0	11.5	10.9	9.6	11.3	9.3	10.1	10.9	10.0	10.6	11.4	9.1	10.6	11.6	10.3	10.7	10.5	10.9	10.6	10.2	8.9	
18.0									7.4	8.1	9.5	9.8	7.7	9.3	8.3	8.2	9.0	8.9	8.6	9.4	8.1	8.6	9.6	9.2	8.8	9.6	9.0	9.5	9.3	8.7	
20.0								6.0	6.7	8.1	8.5		6.3	7.8	7.5	6.7	7.5	8.0	7.1	7.9	7.2	7.1	8.1	8.2	7.3	8.2	7.5	8.0	7.8	7.7	
22.0													5.1	6.7	6.8		5.5	6.3	7.2	6.0	6.7	6.5	6.0	6.9	7.2	6.1	7.0	6.3	6.8	6.6	
24.0																4.6	5.4	6.4	5.0	5.7	5.9	5.0	5.9	6.2	5.1	6.0	5.3	5.8	5.6	5.6	
26.0																3.8	4.6	5.6	4.2	5.0	5.3	4.2	5.1	5.4	4.3	5.2	4.5	5.0	4.8	4.8	
28.0																			3.6	4.3	4.8	3.6	4.5	4.8	3.7	4.5	3.9	4.4	4.1	4.1	
30.0																			3.1	3.7	4.3	3.0	3.9	4.2	3.1	4.0	3.3	3.8	3.6	3.6	
32.0																						2.5	3.4	3.7	2.7	3.5	2.8	3.3	3.1	3.1	
34.0																						2.1	3.0	3.3							
36.0																										1.8	2.7	2.0	2.5	2.3	2.3
38.0																										1.5	2.4	1.7	2.2	2.0	1.9
40.0																												1.3	1.9	1.6	1.6
42.0																												1.1	1.7	1.3	1.3
44.0																														1.0	1.0
46.0																															0.8
48.0																															0.6
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	20.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9		
θ (°)	0 to 82	0 to 82		0 to 82					0 to 82			0 to 82			0 to 82				0 to 82			0 to 82		0 to 82		0 to 82	0 to 82	0 to 82	0 to 82	0 to 82	
Telescoping ratio (%)																															
Telescopic section 1	0	0	46	0	0	92	46	0	0	0	92	46	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100	
Telescopic section 2	0	0	0	0	0	0	46	0	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	100
Telescopic section 3	0	0	0	0	0	0	0	0	0	0	46	46	0	0	46	46	0	46	46	46	46	46	92	46	92	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	0	46	0	0	0	46	46	46	0	46	92	46	46	46	46	46	92	46	92	46	92	92	92	92	100	
Telescopic section 5	0	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	46	92	46	92	100	
Standard hook block	55 t	55 t				55 t					55 t				55 t			55 t			55 t		55 t		18 t		18 t		18 t	18 t	
Hook block weight	650 kg	650 kg				650 kg					650 kg				650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		300 kg	300 kg	
Main winch, standard	11	11	7						9	7	6	8		7	5			6	5	5	4	4	3		3		3	2	2	2	
Number of parts of line																															
Auxiliary winch, standard	11	11	7						8	7	6		6	5			6	5	5	4	4		3		3		3	2	2	2	
Number of parts of line																															
Auxiliary winch load	54.6	54.6	35.0			45.6	35.0	29.9			40.9	35.0	29.3		31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9		

Unit: t

Note: Counterweight 15 t, outrigger extension width 6.0 m

Unit: t

Note: Counterweight 9 t, outrigger extension width 6.0 m

[K capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8			
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22			
Boom length (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2			47.9	51.2		
Load radius (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2			47.9	51.2		
2.5	54.6																															
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																									
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																					
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																		
4.5	54.0	53.5	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																		
5.0	48.8	48.3	32.0	46.3	48.4	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0															
6.0	33.9	33.0	29.1	32.3	33.3	32.0	20.6	32.7	34.0	33.7	22.4	33.3	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3												
7.0	24.3	23.5	25.8	22.9	23.8	26.5	18.6	23.2	24.3	26.6	20.5	23.8	26.3	19.2	24.5	25.8	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9							
8.0	18.6	17.8	19.9	17.3	18.0	20.5	17.0	17.6	18.5	20.6	18.9	18.1	20.3	17.2	18.7	19.9	18.3	19.4	20.5	16.2	19.4	16.1	14.8	15.8	12.9	12.9	11.0					
9.0	14.8	14.0	15.9	13.5	14.2	16.5	15.7	13.8	14.7	16.6	17.2	14.2	16.4	15.6	14.9	15.9	17.0	15.5	16.5	15.1	15.5	16.1	14.8	15.7	12.9	12.9	11.0	10.2				
10.0		11.3	13.1	10.8	11.5	13.7	13.7	11.1	11.9	13.7	14.3	11.5	13.5	14.3	12.1	13.1	14.5	12.7	13.7	14.1	12.7	13.9	14.1	12.9	12.9	12.9	11.0	10.2	8.9			
11.0		9.3	11.0	8.8	9.5	11.5	11.6	9.1	9.9	11.6	12.1	9.5	11.4	12.2	10.0	11.0	12.3	10.6	11.5	12.2	10.6	11.8	12.1	10.8	11.9	11.0	11.0	10.2	8.9			
12.0		7.7	9.4	7.3	7.9	9.9	9.9	7.5	8.3	9.9	10.4	7.9	9.7	10.5	8.4	9.4	10.6	9.0	9.8	10.5	9.0	10.1	10.5	9.1	10.2	9.4	10.0	9.7	8.9			
14.0				5.0	5.6	7.5	7.5	5.2	6.0	7.5	8.0	5.6	7.3	8.0	6.1	7.0	8.1	6.6	7.4	8.0	6.6	7.7	8.0	6.8	7.7	7.0	7.5	7.3	7.3			
16.0				3.5	4.0	5.8	5.9	3.6	4.4	5.9	6.3	4.0	5.7	6.3	4.5	5.3	6.4	5.0	5.7	6.3	4.9	6.0	6.3	5.1	6.1	5.3	5.9	5.6	5.6			
18.0								2.5	3.2	4.7	5.1	2.8	4.4	5.1	3.3	4.1	5.2	3.8	4.5	5.1	3.7	4.7	5.0	3.9	4.8	4.1	4.6	4.4	4.4			
20.0								1.7	2.4	3.8	4.2	2.0	3.5	4.2	2.4	3.2	4.2	2.8	3.6	4.1	2.8	3.8	4.1	3.0	3.9	3.2	3.7	3.5	3.5			
22.0												1.3	2.8	3.4	1.7	2.5	3.5	2.1	2.9	3.4	2.1	3.0	3.3	2.2	3.1	2.4	2.9	2.7	2.7			
24.0															1.1	1.9	2.9	1.5	2.3	2.8	1.5	2.4	2.7	1.7	2.5	1.8	2.3	2.1	2.1			
26.0																1.4	2.4	1.1	1.8	2.3	1.0	1.9	2.2	1.2	2.0	1.3	1.9	1.6	1.6			
28.0																			1.4	1.9		1.5	1.8	0.7	1.6	0.9	1.4	1.2	1.2			
30.0																				1.0	1.6		1.2	1.5		1.3	1.1	0.9	0.8			
32.0																						0.9	1.2		1.0		0.8					
34.0																						0.6	0.9		0.7		0.5					
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
θ (°)	0 to 82	0 to 82		0 to 82			0 to 82			0 to 82			0 to 82			14 to 82			0 to 82		41 to 82		0 to 82		43 to 82		0 to 82		48 to 82	36 to 82	51 to 82	56 to 82
Telescoping ratio (%)																																
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100			
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	46	92	92	92	92	92	100			
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	92	46	92	92	92	92	92	100			
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	46	92	92	92	100			
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	92	100			
Standard hook block	55 t	55 t		55 t			55 t			55 t			55 t			55 t			55 t		18 t		18 t		18 t		18 t		18 t			
Hook block weight	650 kg	650 kg		650 kg			650 kg			650 kg			650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		300 kg		300 kg			
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5		6	5	5	5	4		4	3		3	3	2	2	2				
Number of parts of line	11	11	7		9	7	6		8	7	6		6	5		6	5	5		4		4	3		3	3	2	2	2			
Auxiliary winch, standard	11	11	7		9	7	6		8	7	6		6	5		6	5	5		4		4	3		3	3	2	2	2			
Number of parts of line	11	11	7		9	7	6		8	7	6		6	5		6	5	5		4		4	3		3	3	2	2	2			
Auxiliary winch	54.6	54.6	35.0		45.6	35.0	29.9		40.9	35.0	29.3		31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			
Maximum load																																

Boom

[M capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8																			
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22																			
Boom length (m)	11.1	14.8	18.5					22.1					25.8					29.5					33.2					36.9					40.5					44.2					47.9					51.2
Load radius (m)	11.1	14.8	18.5					22.1					25.8					29.5					33.2					36.9					40.5					44.2					47.9					51.2
2.5	54.6																																															
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																																									
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																																					
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																																		
4.5	53.3	52.9	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																																		
5.0	48.9	48.5	32.0	46.3	48.6	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0																															
6.0	41.9	41.4	29.1	40.4	41.6	32.0	20.6	37.2	41.9	33.7	22.4	34.6	34.2	21.2				23.8	20.9	17.3																												
7.0	36.3	35.5	26.8	35.0	35.7	29.6	18.6	32.8	36.2	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9																							
8.0	28.9	28.2	24.8	27.6	28.4	27.6	17.0	27.9	28.8	29.5	18.9	27.7	30.5	17.2	26.1	28.5	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0																					
9.0	23.3	23.1	23.2	22.6	23.3	25.4	15.7	22.8	23.7	25.5	17.5	23.3	25.2	15.6	23.8	24.8	17.0	22.1	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2																				
10.0		19.3	21.0	18.9	19.5	21.5	14.5	19.1	19.9	21.6	16.3	19.5	21.4	14.3	20.1	21.0	15.5	20.6	19.5	14.1	18.5	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9																			
11.0		16.5	18.1	16.0	16.7	18.6	13.4	16.3	17.0	18.7	15.1	16.7	18.5	13.2	17.2	18.1	14.2	17.7	18.5	13.2	17.4	15.4	13.3	15.6	12.9	12.9	11.0	10.2	8.9																			
12.0		14.3	15.8	13.8	14.4	16.3	12.5	14.0	14.8	16.3	14.0	14.4	16.1	12.2	14.9	15.8	13.1	15.4	16.3	12.1	15.4	14.6	12.6	14.8	12.6	12.9	11.0	10.2	8.9																			
14.0				10.5	11.1	12.9	11.1	10.7	11.4	12.9	12.3	11.1	12.7	10.6	11.5	12.4	11.4	12.0	12.8	10.4	12.0	13.0	11.4	12.2	11.5	12.2	11.0	10.2	8.9																			
16.0				8.2	8.8	10.5	10.0	8.4	9.1	10.5	10.9	8.7	10.3	9.3	9.2	10.0	10.0	9.6	10.4	9.1	9.6	10.6	10.3	9.8	10.5	10.0	10.5	10.2	8.9																			
18.0								6.7	7.4	8.8	9.2	7.0	8.5	8.3	7.4	8.2	8.9	7.9	8.6	8.1	7.9	8.8	9.1	8.0	8.9	8.2	8.7	8.5	8.5																			
20.0								5.4	6.1	7.4	7.8	5.7	7.2	7.5	6.1	6.9	7.9	6.5	7.2	7.2	6.5	7.4	7.7	6.6	7.5	6.8	7.3	7.1	7.1																			
22.0												4.6	6.1	6.7			5.0	5.8	6.8	5.4	6.2	6.5	5.4	6.3	6.6	5.6	6.4	5.7	6.2																			
24.0																	4.2	4.9	5.9		4.6	5.3	5.8	4.5	5.4	5.7	4.7	5.5	4.9																			
26.0																	3.5	4.2	5.2		3.8	4.5	5.0	3.8	4.7	5.0	3.9	4.8	4.1																			
28.0																					3.2	3.9	4.4	3.2	4.1	4.4	3.3	4.2	3.5																			
30.0																						2.7	3.4	3.9	2.7	3.6	3.8	2.8	3.6																			
32.0																								2.3	3.1	3.4	2.4	3.2	2.5																			
34.0																									1.8	2.7	3.0	1.9	2.8																			
36.0																										1.5	2.4	1.8	2.3																			
38.0																										1.2	2.1	1.4	2.0																			
40.0																											1.1	1.7	1.4																			
42.0																											0.8	1.4	1.1																			
44.0																													0.8																			
46.0																													0.6																			
Without pin	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9																			
Maximum load																																																
θ (°)	0 to 82	0 to 82		0 to 82				0 to 82				0 to 82			0 to 82			0 to 82			0 to 82			0 to 82		0 to 82	0 to 82	0 to 82	0 to 82																			
Telescoping ratio (%)																																																
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	0	92	46	92	100																			
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100																			
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	0	92	46	46	92	92	92	92	92	100																			
Telescopic section 4	0	0	0	0	0	46	0	0	46	46	0	46	46	0	46	92	46	46	46	46	92	46	92	46	92	92	92	92	100																			
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	100																			
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t			55 t			55 t			55 t	18 t		18 t	18 t	18 t																			
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg			650 kg			650 kg	650 kg	300 kg	300 kg	300 kg	300 kg	300 kg	300 kg	300 kg																			
Main winch, standard	11	11	7	11	10	7	6	9		7	6	8	7	5	6	5	5	6	5	5	4	4	3	3	3	3	2	2	2																			
Auxiliary winch, standard	11	11	7		9	7	6	8		7	6	6		5	6	5	5	5	4	4	4	3	3	3	3	2	2	2	2																			
Number of parts of line																																																
Auxiliary winch	54.6	54.6	35.0		45.6	35.0	29.9		40.9	35.0	29.3		31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9																			
Maximum load																																																

Note: Counterweight 25 t, outrigger extension width 5.0 m

[N capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22		
Boom length (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2			47.9		51.2
Load radius (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2			47.9		51.2
2.5	54.6																														
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																								
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																				
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																	
4.5	54.6	54.6	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																	
5.0	50.5	50.1	32.0	46.3	50.0	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0														
6.0	42.3	41.8	29.1	40.4	41.9	32.0	20.6	37.2	42.3	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3											
7.0	32.6	31.8	26.8	31.3	32.1	29.6	18.6	31.6	32.5	31.5	20.5	31.1	32.7	19.2	28.7	28.5	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9						
8.0	25.8	25.2	24.8	24.6	25.3	27.6	17.0	24.9	25.8	27.7	18.9	25.3	27.4	17.2	26.0	27.0	18.3	23.8	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0				
9.0	21.2	20.5	22.3	20.0	20.7	22.8	15.7	20.3	21.1	22.9	17.5	20.7	22.7	15.6	21.3	22.3	17.0	21.9	20.6	15.1	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2			
10.0		17.1	18.8	16.7	17.3	19.3	14.5	16.9	17.7	19.4	16.3	17.3	19.2	14.3	17.8	18.8	15.5	18.4	19.3	14.1	18.4	16.1	14.1	15.8	12.9	12.9	11.0	10.2	8.9		
11.0		14.5	16.1	14.1	14.7	16.6	13.4	14.3	15.1	16.7	15.1	14.7	16.5	13.2	15.2	16.1	14.2	15.8	16.6	13.2	15.8	15.4	13.3	15.1	12.9	12.9	11.0	10.2	8.9		
12.0		12.5	14.1	12.7	11.6	14.5	12.5	12.3	13.0	14.6	14.0	12.6	14.4	12.2	13.2	14.0	13.1	13.7	14.5	12.1	13.7	14.6	12.6	13.8	12.9	12.9	11.0	10.2	8.9		
14.0				9.1	9.6	11.4	11.1	9.3	10.0	11.5	11.9	9.6	11.3	10.3	10.0	10.9	11.4	10.6	11.4	10.4	10.6	11.6	11.4	10.7	11.5	10.9	11.0	10.2	8.9		
16.0				7.0	7.5	9.3	9.3	7.1	7.8	9.3	9.7	7.5	9.1	9.3	7.9	8.8	9.8	8.4	9.2	9.1	8.4	9.4	9.7	8.6	9.5	8.7	9.3	9.1	8.9		
18.0								5.6	6.3	7.7	8.1	5.9	7.5	8.1	6.3	7.1	8.2	6.8	7.5	8.1	6.8	7.8	8.1	6.9	7.8	7.1	7.7	7.4	7.4		
20.0								4.4	5.1	6.5	6.9	4.7	6.2	6.9	5.1	5.9	6.6	5.6	6.3	6.8	5.6	6.5	6.8	5.7	6.6	5.9	6.4	6.2	6.2		
22.0												3.8	5.3	5.9	4.2	4.9	5.9	4.6	5.3	5.8	4.6	5.5	5.8	4.7	5.6	4.9	5.4	5.2	5.2		
24.0															3.4	4.1	5.1	3.8	4.5	5.0	3.8	4.6	5.0	3.9	4.7	4.1	4.6	4.3			
26.0															2.7	3.5	4.5	3.1	3.8	4.3	3.1	4.0	4.3	3.2	4.1	3.4	3.9	3.7	3.3		
28.0																		2.6	3.3	3.8	2.6	3.4	3.7	2.7	3.5	2.8	3.3	3.1	3.1		
30.0																		2.1	2.8	3.3	2.1	3.0	3.2	2.2	3.0	2.4	2.9	2.6	2.6		
32.0																					1.6	2.5	2.8	1.8	2.6	2.0	2.4	2.2	2.2		
34.0																					1.2	2.2	2.5	1.4	2.3	1.6	2.1	1.9	1.8		
36.0																								1.0	1.9	1.2	1.8	1.5	1.5		
38.0																									0.7	1.7					
40.0																										0.9	1.5	1.2	1.2		
42.0																											0.6	1.2	0.9		
																											1.0	0.6	0.6		
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9		
θ (°)	0 to 82	0 to 82			0 to 82				0 to 82				0 to 82		0 to 82			0 to 82		0 to 82		0 to 82		0 to 82		12.9	11.0	10.2	8.9		
Telescoping ratio (%)																															
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	46	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	100	
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	100	
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	0	46	46	0	0	46	46	46	46	0	46	46	92	46	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	46	0	46	46	46	46	92	46	92	46	92	92	92	92	92	92	100	
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	92	46	92	46	92	46	92	92	100	
Standard hook weight	55 t	55 t			55 t				55 t				55 t		55 t			55 t		55 t		55 t	18 t		18 t	18 t	18 t	18 t	18 t		
Hook block weight	650 kg	650 kg			650 kg				650 kg				650 kg		650 kg			650 kg		650 kg		300 kg		300 kg	300 kg	300 kg	300 kg	300 kg			
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5		6	5	5		4		4		3		3	3	2	2	2		
Auxiliary winch, standard	11	11	7																												
Number of parts of line																															
Auxiliary winch Maximum load	54.6	54.6	35.0		45.6	35.0	29.9		40.9	35.0	29.3		31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9		

[O capacity]

Boom

Unit: t

Capacity block Boom number (Boom length (m) Load radius (m))	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8		
	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22		
	11.1	14.8			18.5			22.1					25.8			29.5			33.2			36.9			40.5			44.2		47.9	51.2
2.5	54.6																														
3.0	54.6	54.6	35.0		54.6	50.0	35.0	29.9																							
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																				
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																	
4.5	53.6	53.1	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																	
5.0	48.5	48.0	32.0	46.3	48.2	34.8	22.9	42.7	45.6	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0														
6.0	36.1	35.4	29.1	34.7	35.6	32.0	20.6	35.0	36.1	33.7	22.4	34.6	34.2	21.2	31.1	28.5	21.1	23.8	20.9	17.3											
7.0	27.1	26.4	26.8	25.8	26.6	29.1	18.6	26.1	27.1	29.1	20.5	26.6	28.9	19.2	27.3	28.4	19.7	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9						
8.0	21.4	20.7	22.6	20.2	20.9	23.1	17.0	20.4	21.3	23.2	18.9	20.9	23.0	17.2	21.5	22.6	18.3	22.1	20.9	16.2	19.7	16.1	14.8	15.8	12.9	12.9	11.0				
9.0	17.4	16.7	18.5	16.2	16.9	19.0	15.7	16.5	17.3	19.1	17.5	16.9	18.9	15.6	17.5	18.5	17.0	18.1	19.0	15.1	18.1	16.1	14.8	15.8	12.9	12.9	11.0	10.2			
10.0		13.9	15.5	13.4	14.0	16.0	14.5	13.6	14.4	16.1	16.3	14.0	15.9	14.3	14.6	15.5	15.5	15.1	16.0	14.1	15.1	16.1	14.1	15.3	12.9	12.9	11.0	10.2	8.9		
11.0		11.7	13.3	11.2	11.8	13.8	13.4	11.4	12.2	13.8	14.3	11.8	13.6	13.2	12.3	13.3	14.2	12.9	13.7	13.2	12.9	14.0	13.3	13.0	12.9	12.9	11.0	10.2	8.9		
12.0		9.9	11.5	9.5	10.1	11.9	12.0	9.7	10.4	12.0	12.5	10.1	11.8	12.2	10.6	11.5	12.6	11.1	11.9	12.1	11.1	12.2	12.5	11.3	12.2	11.5	11.0	10.2	8.9		
14.0				6.9	7.5	9.3	9.3	7.1	7.8	9.3	9.8	7.5	9.1	9.8	8.0	8.8	9.9	8.4	9.2	9.8	8.4	9.5	9.8	8.6	9.5	8.8	9.4	9.1	8.9		
16.0				5.2	5.7	7.4	7.5	5.3	6.0	7.5	7.9	5.7	7.3	7.9	6.1	6.9	8.0	6.6	7.4	7.9	6.6	7.6	7.9	6.7	7.7	6.9	7.5	7.2	7.2		
18.0								4.0	4.7	6.1	6.5	4.3	5.9	6.5	4.8	5.6	6.6	5.2	6.0	6.5	5.2	6.2	6.5	5.4	6.2	5.5	6.1	5.8	5.8		
20.0								3.0	3.7	5.1	5.5	3.3	4.8	5.5	3.7	4.5	5.5	4.2	4.9	5.4	4.2	5.1	5.4	4.3	5.2	4.5	5.0	4.8	4.8		
22.0													2.5	4.0	4.6				2.9	3.7	4.7	3.3	4.0	4.6	3.3	4.2	4.5	3.4	3.9	3.9	
24.0																2.2	3.0	4.0	2.6	3.4	3.9	2.6	3.5	3.8	2.8	3.6	2.9	3.4	3.2	3.2	
26.0																1.7	2.5	3.4	2.1	2.8	3.3	2.1	3.0	3.2	2.2	3.0	2.4	2.9	2.6	2.6	
28.0																			1.6	2.3	2.8	1.6	2.5	2.8	1.7	2.5	1.9	2.4	2.2	2.1	
30.0																					1.2	1.9	2.4	1.1	2.1	2.3	1.3	2.1	1.5	2.0	1.7
32.0																							1.7	2.0	0.9	1.8	1.1	1.6	1.4	1.4	
34.0																							1.4	1.7	0.5	1.5	0.7	1.3	1.0	1.0	
36.0																										1.2		1.0	0.7	0.7	
38.0																										0.9					
40.0																											0.9				
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9		
θ (°)	0 to 82	0 to 82		0 to 82				0 to 82					0 to 82			0 to 82			0 to 82			0 to 82			20 to 82		0 to 82	28 to 82	12 to 82	34 to 82	42 to 82
Telescoping ratio (%)																															
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100	
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100		
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100		
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	46	92	92	92	100		
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	92	100		
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t			55 t			55 t		18 t		18 t		18 t		18 t		
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		300 kg		
Main winch, standard Number of parts of line	11	11	7	11	10	7	6	9	7	6	8	7	5		6	5	5		4	4	3		3		3	3	2	2	2		
Auxiliary winch, standard Number of parts of line	11	11	7		9	7	6	8	7	6		6	5		6	5	5		4	4	3		3		3	2	2	2	2		
Auxiliary winch Maximum load	54.6	54.6	35.0		45.6	35.0	29.9	40.9	35.0	29.3		31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9			

Note: Counterweight 15 t, outrigger extension width 5.0 m

[P capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8				
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22				
Boom length (m)	11.1	14.8			18.5							22.1				25.8			29.5			33.2			36.9			40.5		44.2		47.9	51.2
Load radius (m)	2.5	54.6																															
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																										
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																						
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																			
4.5	51.3	50.8	33.7	49.8	50.0	35.0	24.4	45.6	45.6	35.0	26.1	40.9	34.2	24.2																			
5.0	42.4	41.5	32.0	40.7	41.8	34.8	22.9	41.1	42.4	35.0	24.7	38.8	34.2	23.1	31.3	28.5	22.0																
6.0	29.0	28.2	29.1	27.6	28.4	31.2	20.6	27.9	29.0	31.3	22.4	28.4	31.0	21.2	29.2	28.5	21.1	23.8	20.9	17.3													
7.0	21.5	20.8	22.9	20.3	21.0	23.5	18.6	20.6	21.5	23.6	20.5	21.0	23.3	19.2	21.7	22.9	19.7	22.4	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0						
8.0	16.8	16.1	18.0	15.6	16.3	18.6	17.0	15.9	16.8	18.7	18.9	16.3	18.4	17.2	17.0	18.0	18.3	17.6	18.6	16.2	17.6	16.1	14.8	15.8	12.9	12.9	11.0	10.2					
9.0	13.6	12.9	14.6	12.4	13.1	15.2	15.3	12.7	13.5	15.3	15.8	13.1	15.0	15.6	13.7	14.0	14.2	15.2	15.1	14.2	15.5	14.8	14.8	12.9	12.9	11.0	10.2						
10.0		10.5	12.2	10.0	10.7	12.7	12.8	10.3	11.1	12.8	13.3	10.7	12.6	13.3	11.2	12.2	13.4	11.8	12.7	13.3	11.8	12.9	13.3	12.0	12.9	12.2	11.0	10.2	8.9				
11.0		8.7	10.3	8.2	8.9	10.8	10.9	8.5	9.2	10.9	11.3	8.9	10.7	11.4	9.4	10.3	11.5	9.9	10.8	11.4	9.9	11.0	11.4	10.1	11.1	10.3	10.9	10.2	8.9				
12.0		7.3	8.8	6.8	7.4	9.3	9.4	7.0	7.8	9.4	9.8	7.4	9.2	9.9	7.9	8.8	10.0	8.4	9.3	9.9	8.4	9.5	9.9	8.6	9.6	8.8	9.4	9.2	8.9				
14.0				4.8	5.3	7.1	7.1	4.9	5.7	7.2	7.6	5.3	7.0	7.6	5.8	6.6	7.7	6.3	7.1	7.6	6.3	7.3	7.6	6.4	7.4	6.6	7.2	6.9	6.9				
16.0				3.3	3.9	5.6	5.6	3.5	4.2	5.6	6.0	3.8	5.4	6.1	4.3	5.1	6.2	4.7	5.5	6.1	4.7	5.7	6.0	4.9	5.8	5.1	5.6	5.4	5.4				
18.0								2.4	3.1	4.5	4.9	2.7	4.3	4.9	3.2	3.9	5.0	3.6	4.3	4.9	3.6	4.6	4.9	3.7	4.6	3.9	4.5	4.2	4.2				
20.0								1.6	2.3	3.6	4.0	1.9	3.4	4.0	2.3	3.1	4.1	2.7	3.5	4.0	2.7	3.7	4.0	2.9	3.7	3.0	3.6	3.3	3.3				
22.0												1.2	2.7	3.3	1.6	2.4	3.4	2.0	2.8	3.3	2.0	2.9	3.2	2.2	3.0	2.3	2.8	2.6	2.6				
24.0															1.0	1.8	2.8	1.5	2.2	2.7	1.5	2.4	2.7	1.6	2.4	1.8	2.3	2.1	2.0				
26.0																1.4	2.4	1.0	1.7	2.2	1.0	1.9	2.2	1.1	2.0	1.3	1.8	1.6	1.6				
28.0																				1.3	1.8		1.5	1.8	0.7	1.6	0.9	1.4	1.2				
30.0																				1.0	1.5			1.2	1.4		1.1	0.8	0.8				
32.0																								0.9	1.1		0.9						
34.0																								0.6	0.8		0.6						
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.9	15.8	12.9	12.9	11.0	10.2	8.9				
θ (°)	0 to 82	0 to 82		0 to 82				0 to 82					0 to 82		0 to 82		14 to 82	0 to 82	14 to 82	0 to 82	42 to 82	0 to 82	44 to 82	0 to 82	49 to 82	36 to 82	51 to 82	56 to 82					
Telescoping ratio (%)																																	
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100			
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	0	92	92	92	92	92	100				
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	0	46	92	46	92	92	92	92	92	100				
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	92	92	92	92	100				
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	92	46	92	92	46	92	46	92	92	100				
Standard hook block	55 t	55 t		55 t				55 t				55 t			55 t		55 t		55 t		55 t		18 t		18 t		18 t	18 t	18 t				
Hook block weight	650 kg	650 kg		650 kg				650 kg				650 kg			650 kg		650 kg		650 kg		650 kg		300 kg		300 kg		300 kg	300 kg	300 kg				
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5		6	5	5		4		4		3		3	3	2	2	2				
Number of parts of line																																	
Auxiliary winch, standard	11	11	7	9		7	6	8	7	6		6	5		6	5	5		4		4		3		3	3	2	2	2				
Number of parts of line																																	
Auxiliary winch Maximum load	54.6	54.6	35.0	45.6		35.0	29.9	40.9		35.0	29.3	31.3		25.3	31.3	28.5	22.0	23.8	20.9	17.3	19.7	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9				

Boom

[Q capacity]

Boom

Unit: t

Capacity block Boom number (Boom length (m)) Load radius (m)	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22	
Boom length (m)	11.1	14.8			18.5			22.1			25.8			29.5			33.2			36.9			40.5			44.2		47.9	51.2	
Load radius (m)	2.5	54.6																												
3.0	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																			
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																			
4.0	54.6	54.6	35.0	53.9	50.0	35.0	26.0	45.6	45.6	35.0	27.6	40.9	34.2	25.3																
4.5	45.4	44.4	33.7	43.5	44.8	35.0	24.4	44.0	45.5	35.0	26.1	40.9	34.2	24.2																
5.0	35.4	34.5	32.0	33.8	34.8	34.8	22.9	34.2	35.5	35.0	24.7	34.8	34.2	23.1	31.3	28.5	22.0													
6.0	24.0	23.2	25.5	22.6	23.5	26.2	20.6	22.9	24.0	26.3	22.4	23.5	26.0	21.2	24.3	25.6	21.1	23.8	20.9	17.3										
7.0	17.7	17.0	19.0	16.4	17.2	19.6	18.6	16.7	17.7	19.7	20.3	17.2	19.5	19.2	17.9	19.0	19.7	18.5	19.6	17.3	18.6	16.1	14.8	15.8	12.9					
8.0	13.7	13.0	14.9	12.5	13.2	15.4	15.5	12.7	13.6	15.5	16.1	13.2	15.3	16.1	13.8	14.9	16.3	14.4	15.4	16.1	14.4	15.7	14.8	14.6	12.9	12.9	11.0			
9.0	10.9	10.2	12.0	9.7	10.4	12.5	12.6	10.0	10.8	12.6	13.1	10.4	12.4	13.2	11.0	12.0	13.3	11.6	12.5	13.2	11.6	12.8	13.2	11.8	12.9	12.0	11.0	10.2		
10.0		8.2	9.9	7.7	8.4	10.4	10.4	8.0	8.8	10.5	11.0	8.4	10.2	11.0	8.9	9.9	11.1	9.5	10.4	11.0	9.5	10.6	11.0	9.7	10.7	9.9	10.5	10.2	8.9	
11.0		6.7	8.3	6.2	6.8	8.8	8.8	6.4	7.2	8.8	9.3	6.8	8.6	9.4	7.4	8.3	9.5	7.9	8.7	9.4	7.9	9.0	9.3	8.1	9.1	8.3	8.9	8.6	8.6	
12.0		5.5	7.0	5.0	5.6	7.5	7.5	5.2	6.0	7.5	8.0	5.6	7.3	8.1	6.1	7.0	8.2	6.6	7.5	8.1	6.6	7.7	8.0	6.8	7.8	7.0	7.6	7.3	7.3	
14.0				3.2	3.8	5.6	5.6	3.4	4.2	5.6	6.1	3.8	5.5	6.1	4.3	5.1	6.2	4.8	5.6	6.1	4.8	5.8	6.1	4.9	5.9	5.1	5.7	5.4	5.4	
16.0				2.0	2.6	4.3	4.3	2.2	2.9	4.3	4.7	2.5	4.1	4.8	3.0	3.8	4.9	3.5	4.2	4.8	3.4	4.4	4.7	3.6	4.5	3.8	4.3	4.1	4.1	
18.0								1.3	2.0	3.4	3.8	1.6	3.2	3.8	2.0	2.8	3.9	2.5	3.2	3.8	2.5	3.4	3.7	2.6	3.5	2.8	3.3	3.1	3.1	
20.0									1.3	2.6	3.0	0.9	2.4	3.0	1.3	2.1	3.1	1.7	2.5	3.0	1.7	2.7	3.0	1.9	2.7	2.1	2.6	2.3	2.3	
22.0													1.8	2.4		1.5	2.5	1.2	1.9	2.4	1.1	2.1	2.3	1.3	2.1	1.5	2.0	1.7	1.7	
24.0																1.0	2.0		1.4	1.9		1.6	1.9		1.6	1.0	1.5	1.2	1.2	
26.0																		1.6		1.5		1.2	1.4		1.2		1.1			
28.0																					1.2	0.8	1.1		0.9		0.7			
30.0																						0.9		0.5	0.8					
32.0																							0.6							
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	18.3	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9	
θ (°)	0 to 82	0 to 82		0 to 82			0 to 82			0 to 82			27 to 82	0 to 82		39 to 82	0 to 82		43 to 82	0 to 82		53 to 82	20 to 82	0 to 82	55 to 82	38 to 82	58 to 82	50 to 82	60 to 82	62 to 82
Telescoping ratio (%)																														
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	46	0	46	46	0	46	46	0	46	46	46	92	92	92	92	92	92	100
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	46	46	0	46	46	46	46	46	46	92	46	46	92	92	92	92	92	92	100
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46	0	46	92	46	46	92	46	46	92	46	92	46	92	46	92	92	92	92	100
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	0	46	92	46	92	46	92	46	92	46	92	46	92	92	92	100
Standard hook block	55 t	55 t		55 t			55 t			55 t			55 t			55 t			55 t			55 t		18 t		18 t		18 t		18 t
Hook block weight	650 kg	650 kg		650 kg			650 kg			650 kg			650 kg			650 kg			650 kg			650 kg		300 kg		300 kg		300 kg		300 kg
Main winch, standard Number of parts of line	11	11	7	11	10	7	6	9	7	6	8	7	5	6	5	5	5	4	4	3	4	3	3	3	3	2	2	2	2	
Auxiliary winch, standard Number of parts of line	11	11	7	9	7	6	8	7	6	6	5	6	5	5	5	4	4	3	3	3	3	3	3	3	2	2	2	2	2	
Auxiliary winch Maximum load	54.6	54.6	35.0	45.6	35.0	29.9	40.9	35.0	29.3	31.3	25.3	31.3	28.5	22.0	23.8	20.9	17.3	18.6	16.1	14.8	15.8	12.9	12.9	11.0	10.2	8.9				

Note: Counterweight 5 t, outrigger extension width 5.0 m

[R capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1	11	2	1	12	2	1	2	3	1	5	4	1	6	1	7	1	1	8	
Boom number	1	23	2	24	25	12	3	26	27	13	4	28	14	5	29	15	6	16	17	7	19	18	8	20	9	21	10	11	22	
(Boom length (m))	11.1	14.8																												
Load radius (m)																														
2.5	54.6																													
3.0	54.6	54.6	35.0	54.6	50.0	35.0	29.9																							
3.5	54.6	54.6	35.0	54.6	50.0	35.0	27.8	45.6	45.6	35.0	29.3																			
4.0	44.0	42.8	35.0	41.8	43.2	35.0	26.0	42.3	44.1	35.0	27.6	40.9	34.2	25.3																
4.5	31.8	30.8	33.7	30.0	31.2	34.9	24.4	30.5	31.9	35.0	26.1	31.2	34.2	24.2																
5.0	24.6	23.7	26.4	22.9	24.0	27.2	22.9	23.3	24.6	27.4	24.7	24.0	27.0	23.1	24.9	26.5	22.0													
6.0	16.2	15.5	17.8	14.9	15.7	18.5	18.6	15.2	16.3	18.6	19.2	15.8	18.3	19.4	16.5	17.8	19.5	17.3	18.5	17.3										
7.0	11.6	10.9	12.9	10.4	11.1	13.6	13.7	10.7	11.6	13.7	14.3	11.2	13.4	14.4	11.8	13.0	14.5	12.5	13.6	14.4	12.5	13.9	14.3	12.7	12.9					
8.0	8.7	8.0	9.9	7.5	8.2	10.5	10.5	7.8	8.7	10.6	11.1	8.3	10.3	11.2	8.9	9.9	11.3	9.5	10.5	11.2	9.5	10.8	11.2	9.7	10.9	9.9	10.6			
9.0	6.7	6.0	7.8	5.6	6.2	8.3	8.4	5.8	6.6	8.4	8.9	6.2	8.2	9.0	6.8	7.8	9.1	7.4	8.3	9.0	7.4	8.6	9.0	7.6	8.7	7.8	8.5	8.2		
10.0		4.6	6.2	4.1	4.7	6.8	6.8	4.4	5.2	6.8	7.3	4.8	6.6	7.4	5.3	6.3	7.5	5.9	6.8	7.4	5.9	7.0	7.4	6.0	7.1	6.3	6.9	6.6	6.6	
11.0		3.5	5.1	3.0	3.6	5.6	5.6	3.2	4.0	5.6	6.1	3.6	5.4	6.2	4.2	5.1	6.3	4.7	5.5	6.2	4.7	5.8	6.1	4.9	5.9	5.1	5.7	5.4	5.4	
12.0		2.6	4.1	2.1	2.7	4.6	4.7	2.4	3.1	4.7	5.1	2.7	4.5	5.2	3.3	4.1	5.3	3.8	4.6	5.2	3.8	4.8	5.2	3.9	4.9	4.1	4.7	4.5	4.5	
14.0				0.9	1.4	3.2	3.3	1.1	1.8	3.3	3.7	1.4	3.1	3.8	1.9	2.8	3.9	2.4	3.2	3.8	2.4	3.4	3.7	2.6	3.5	2.8	3.3	3.1	3.1	
16.0						2.3	2.3		0.9	2.3	2.7		2.1	2.8		1.8	2.9	1.4	2.2	2.8		2.4	2.7	1.6	2.5	1.8	2.3	2.1	2.1	
18.0										1.6	2.0		1.4	2.0		1.1	2.1		1.5	2.0		1.7	2.0		1.8		1.6			
20.0										1.1	1.5				0.9	1.5		1.1		1.5		0.9	1.4		1.1	1.4				
22.0															1.0			1.1			1.0		1.0		0.7	1.0				
24.0																														
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3	17.8	20.3	16.3	18.0	18.8	20.3	17.3	18.4	16.1	12.5	13.9	14.3	12.7	12.9	9.9	10.6	8.2	6.6	
θ (°)	0 to 82	0 to 82	22 to 82		0 to 82	47 to 82	32 to 82	0 to 82	55 to 82	0 to 82	0 to 82	58 to 82	49 to 82	0 to 82	61 to 82	47 to 82	41 to 82	66 to 82	52 to 82	46 to 82	67 to 82	58 to 82	70 to 82	65 to 82	71 to 82	74 to 82				
Telescoping ratio (%)																														
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0	92	0	0	92	46	0	92	46	0	92	46	0	92	46	0	92	46	92	100
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0	46	0	0	46	46	0	46	46	0	92	46	46	92	92	92	92	92	100	
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0	0	46	46	0	46	46	46	46	92	46	46	92	92	92	92	92	92	100	
Telescopic section 4	0	0	0	0	0	46	0	0	46	46	0	0	46	92	46	46	92	46	46	92	46	92	92	92	92	92	92	92	100	
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92	0	46	92	46	46	92	46	92	92	46	92	92	46	92	92	92	92	100	
Standard hook block	55 t	55 t		55 t		55 t		55 t		55 t		55 t		55 t		55 t		55 t		55 t		18 t		18 t		18 t		18 t		18 t
Hook block weight	650 kg	650 kg		650 kg		650 kg		650 kg		650 kg		650 kg		650 kg		650 kg		650 kg		650 kg		300 kg		300 kg		300 kg		300 kg		300 kg
Main winch, standard	11	11	7	11	10	7	6	9	7	6	8	7	5	5	6	5		4			3		3		2		2	2		
Auxiliary winch, standard																														
Number of parts of line	11	11	7		9	7	6	8	7	6		6	5	5	6	5		4			3		3		2		2	2		
Auxiliary winch Maximum load	54.6	54.6	35.0	45.6	35.0	29.9		40.9	35.0	29.3		31.3	25.3	24.9	26.5	22.0	17.3	18.5	17.3	12.5	13.9	14.3	12.7	12.9	9.9	10.6	8.2	6.6		

[S capacity]

Boom

Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1
Boom number	1	23	2	24	25	12	3	26	27	13	4
Boom length (m)	11.1	14.8			18.5			22.1			
Load radius (m)	11.1	14.8			18.5			22.1			
2.5	54.6										
3.0	47.2	46.7	35.0	46.4	46.9	35.0	29.9				
3.5	41.6	41.2	35.0	40.8	41.3	35.0	27.8	41.0	41.6	35.0	29.3
4.0	37.3	36.9	35.0	36.6	37.0	35.0	26.0	36.8	37.3	35.0	27.6
4.5	33.9	33.5	33.7	33.2	33.6	35.0	24.4	33.3	33.9	35.0	26.1
5.0	31.0	30.6	31.8	30.3	30.8	32.2	22.9	30.5	31.1	32.3	24.7
6.0	26.5	26.1	27.3	25.8	26.2	27.7	20.6	26.0	26.5	27.7	22.4
7.0	23.0	22.6	23.8	22.3	22.7	24.2	18.6	22.5	23.0	24.2	20.5
8.0	18.3	17.6	19.6	17.0	17.8	20.3	17.0	17.3	18.3	20.4	18.9
9.0	14.6	13.8	15.7	13.3	14.0	16.3	15.7	13.6	14.5	16.4	17.0
10.0		11.2	12.9	10.7	11.3	13.5	13.6	10.9	11.8	13.6	14.1
11.0		9.2	10.8	8.7	9.3	11.4	11.4	8.9	9.7	11.5	12.0
12.0		7.6	9.2	7.1	7.8	9.7	9.8	7.4	8.2	9.8	10.3
14.0				4.9	5.5	7.4	7.4	5.1	5.9	7.4	7.9
16.0				3.4	3.9	5.7	5.8	3.6	4.3	5.8	6.2
18.0								2.4	3.1	4.6	5.0
20.0								1.6	2.3	3.7	4.1
Without pin Maximum load	21.5	21.8	23.0	17.6	21.4	27.6	15.4	17.7	20.1	21.3	22.3
θ (°)	0 to 82	0 to 82			0 to 82			0 to 82			
Telescoping ratio (%)											
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92
Standard hook block	55 t	55 t			55 t			55 t			
Hook block weight	650 kg	650 kg			650 kg			650 kg			
Main winch, standard	11	10	7	10	7	6	9	7	6		
Number of parts of line				9							
Auxiliary winch, standard	11	10	7	9	7	6	8	7	6		
Number of parts of line											
Auxiliary winch Maximum load	54.6	46.7	35.0	45.6	35.0	29.9	40.9	35.0	29.3		

Note: Counterweight 0 t, outrigger extension width 2.55 m

[T capacity]

Boom

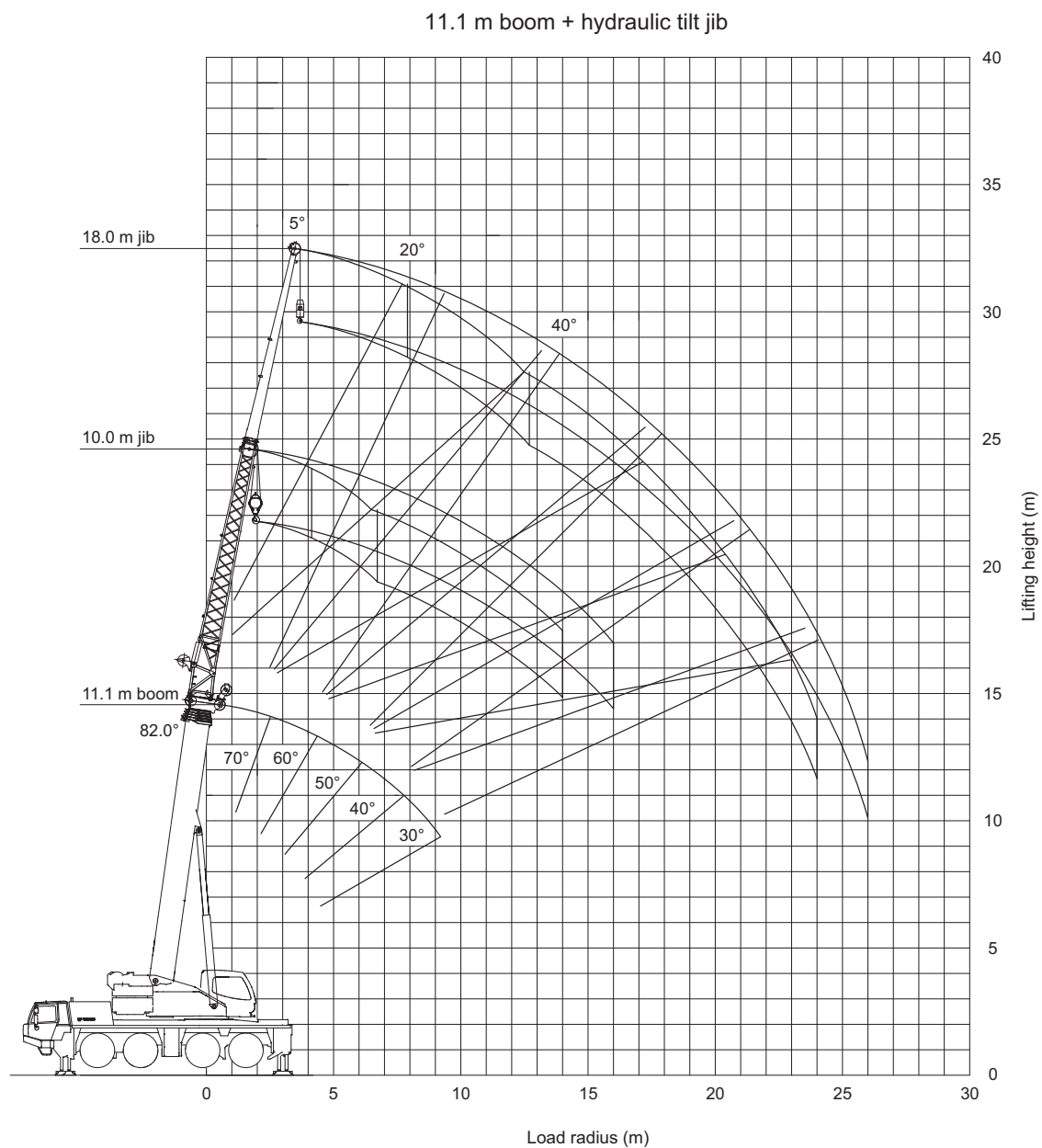
Unit: t

Capacity block	1	9	1	9	10	2	1	10	11	2	1
Boom number	1	23	2	24	25	12	3	26	27	13	4
Boom length (m)	11.1	14.8			18.5			22.1			
Load radius (m)	11.1	14.8			18.5			22.1			
2.5	29.0										
3.0	19.2	18.4	21.0	17.7	18.7	21.8	22.0				
3.5	13.9	13.1	15.4	12.5	13.4	16.1	16.2	12.9	13.9	16.3	16.9
4.0	10.5	9.8	11.9	9.2	10.0	12.5	12.6	9.5	10.5	12.6	13.3
4.5	8.1	7.5	9.4	7.0	7.7	10.0	10.1	7.3	8.2	10.1	10.7
5.0	6.4	5.8	7.7	5.3	6.0	8.2	8.3	5.6	6.5	8.3	8.9
6.0	4.1	3.5	5.2	3.1	3.7	5.7	5.8	3.3	4.1	5.8	6.3
7.0	2.6	2.0	3.6		2.2	4.1	4.2		2.6	4.2	4.7
8.0	1.5	1.0	2.5			3.0	3.1			3.1	3.5
9.0			1.7			2.2	2.2			2.2	2.7
10.0			1.1			1.5	1.6			1.6	2.0
11.0						1.0	1.1			1.1	1.5
12.0											1.1
Without pin	21.5	18.4	21.0	17.6	18.7	21.8	15.4	12.9	13.9	16.3	16.9
Maximum load											
θ (°)	0 to 82	50 to 82	6 to 82	66 to 82	63 to 82	42 to 82	41 to 82	72 to 82	68 to 82	56 to 82	49 to 82
Telescoping ratio (%)											
Telescopic section 1	0	46	0	92	46	0	0	92	46	0	0
Telescopic section 2	0	0	0	0	46	0	0	46	46	0	0
Telescopic section 3	0	0	0	0	0	0	0	0	46	46	0
Telescopic section 4	0	0	0	0	0	46	0	0	0	46	46
Telescopic section 5	0	0	46	0	0	46	92	0	0	46	92
Standard hook block	55 t	55 t			55 t			18 t			
Hook block weight	650 kg	650 kg			650 kg			300 kg			
Main winch, standard	6	4		4		5		3		4	
Number of parts of line											
Auxiliary winch, standard	6	4		4		5		3		4	
Number of parts of line											
Auxiliary winch	29.0	18.4	21.0	17.7	18.7	21.8	22.0	12.9	13.9	16.3	16.9
Maximum load											

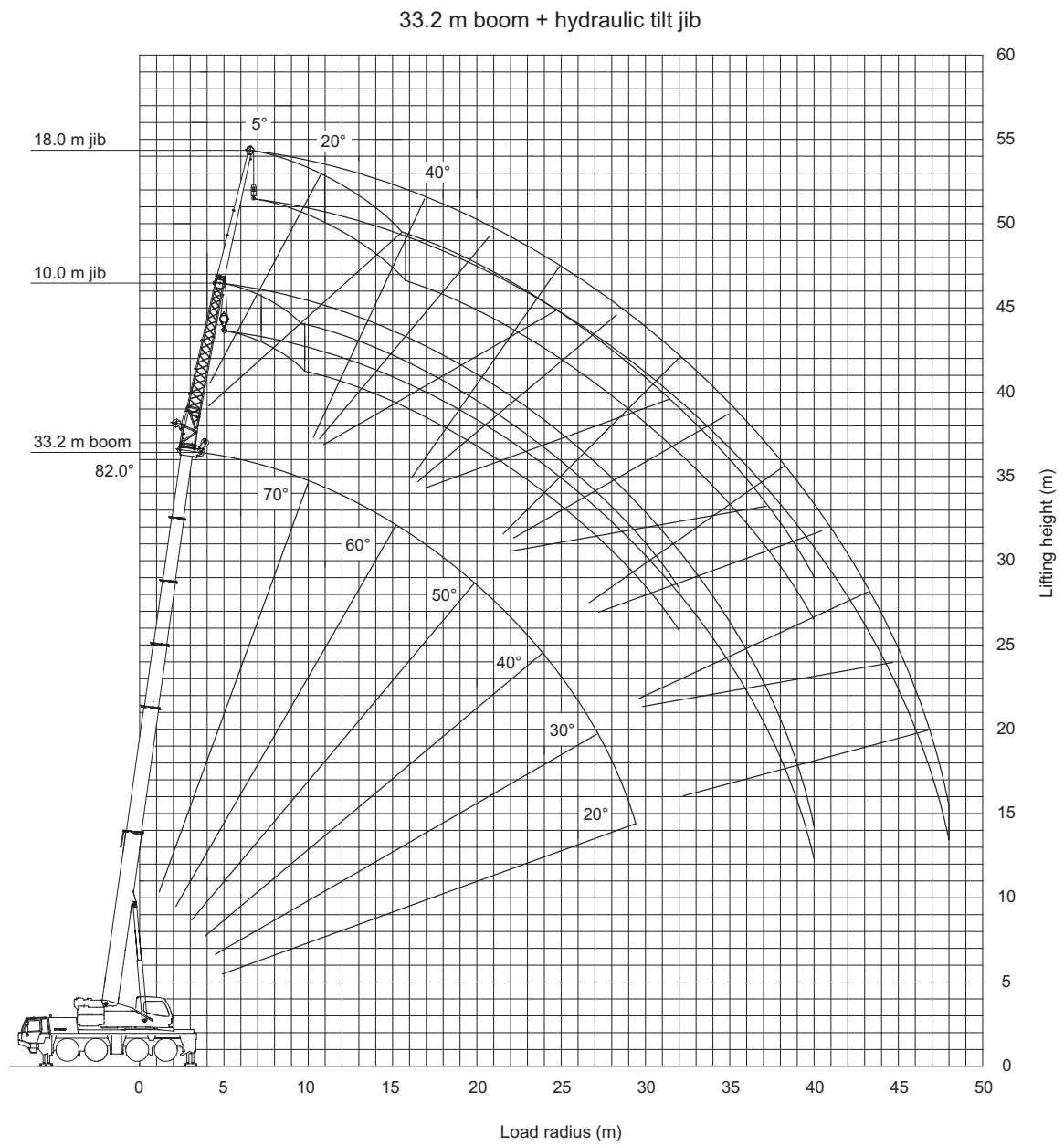
Note: Counterweight 0 t, outrigger extension width 2.55 m

Hydraulic tilt jib

Boom + hydraulic tile jib (HLJ) working range chart

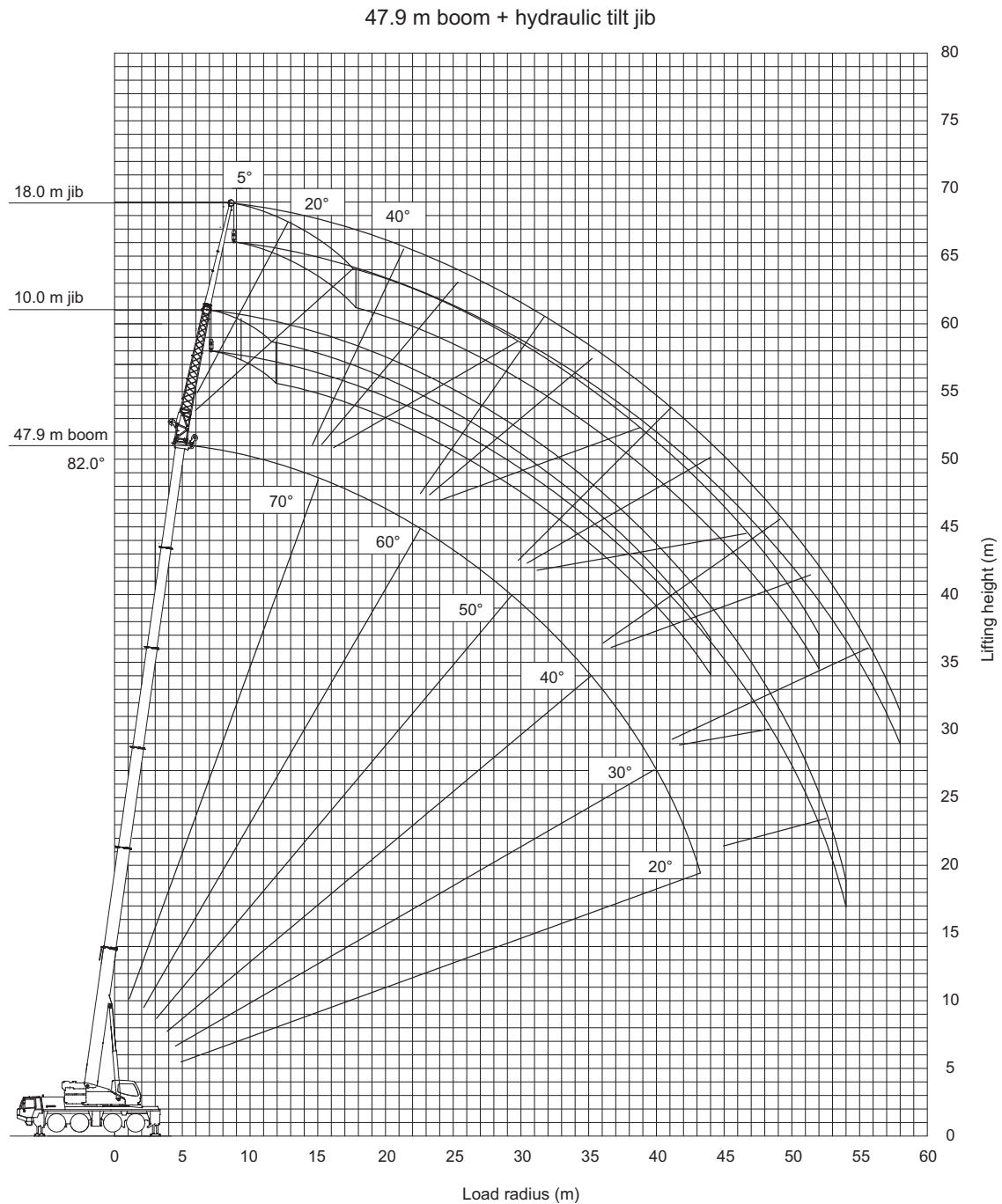


- Note 1. The above drawing does not include boom and jib deflection.
2. Displays A capacity

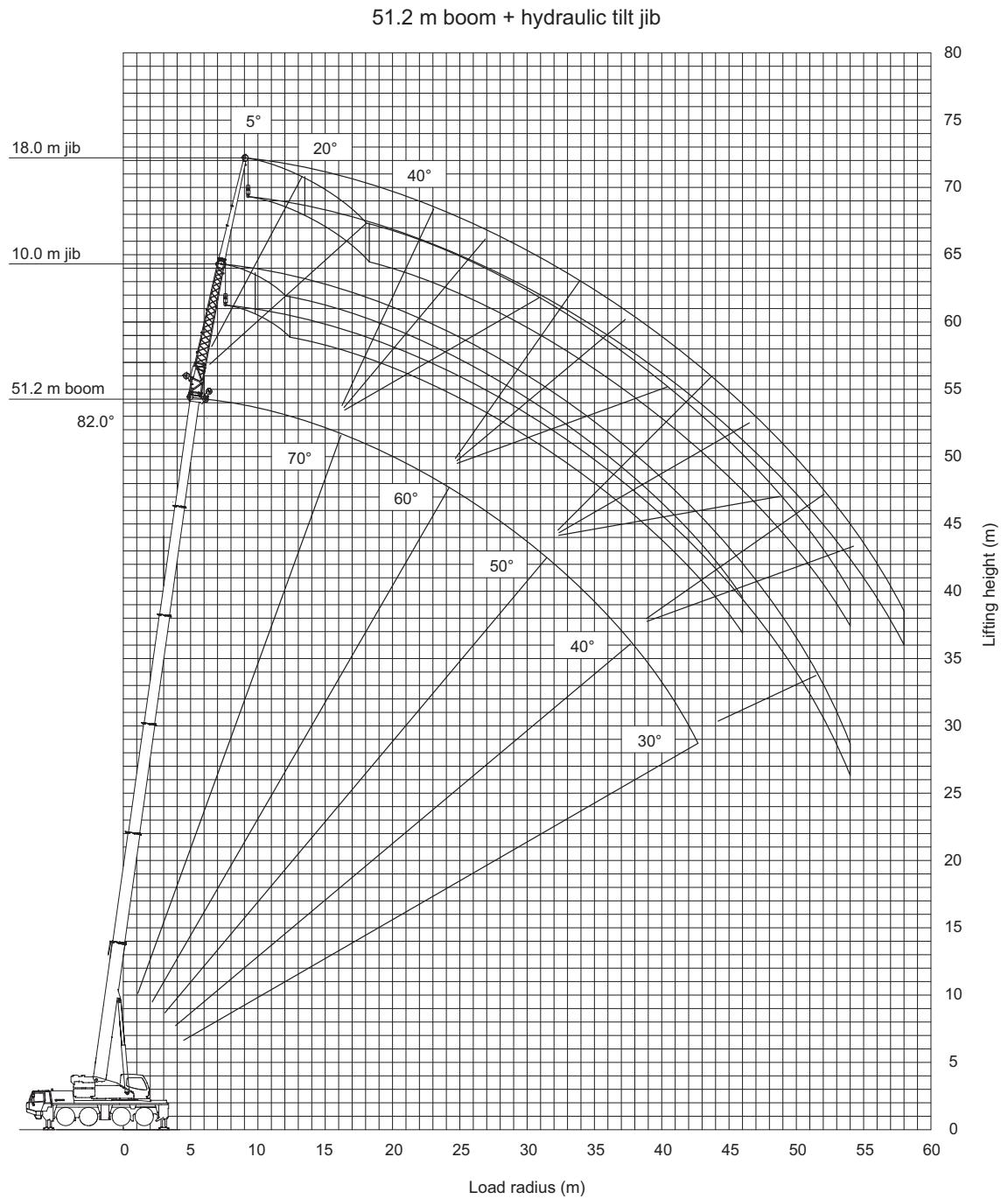


Note 1. The above drawing does not include boom and jib deflection.
 2. Displays A capacity

Hydraulic tilt jib



- Note 1. The above drawing does not include boom and jib deflection.
2. Displays A capacity



- Note 1. The above drawing does not include boom and jib deflection.
 2. Displays A capacity

Hydraulic tilt jib

Boom + hydraulic tilt jib (HLJ) rated lifting capacity tables

■ Precautions concerning rated lifting capacity table

◆ Rated lifting capacity table capacity classifications A-Q are as shown in the chart below.

Counterweight Outrigger extension width	25 t	21 t	15 t	9 t	5 t
7.2 m	A	B	C	D	E
6.0 m	G	H	I	J	K
5.0 m	M	N	O	P	Q

◆ Rated lifting capacities include the weight of the lifting devices and hook block (18 t hook block: 300 kg, 5.6 t hook block: 150 kg, 5.6 t hook block: 150 kg).

◆ Rated lifting capacities are based on actual load radius, including boom and jib deflection.

◆ Telescoping ratios for each telescopic section, for each boom length, are as listed in the chart below.

Boom length	11.1 m	33.2 m	47.9 m	51.2 m
Telescopic section 1	0	92	92	100
Telescopic section 2	0	46	92	100
Telescopic section 3	0	46	92	100
Telescopic section 4	0	46	92	100
Telescopic section 5	0	46	92	100

◆ When using fewer parts of line than the standard number included in rated lifting capacity tables, maximum load limits will be as shown in the chart below.

Number of parts of line	1 part
Maximum load	5.6 t

◆ The rated lifting capacities assume that the outriggers are set firmly on level ground.

◆ Rated lifting capacity tables do not account for the effect of wind. Do not operate the crane during maximum instantaneous wind speeds of 10 m/s or greater.

Explanation of lines and terminology used in rated lifting capacity tables

◆ The values above the thick line are based on the structural strength while those below are based on the crane stability factor.

◆ "Offset" indicates the angle of difference between the boom and jib midlines.

◆ "θ(°)" indicates boom elevation angle range in which operation is possible without load.



[A capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0 Offset			18.0 Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 7.2 m

[A capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0 Offset			18.0 Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.9	6.2	5.6	4.2	3.9	3.2
22.0	6.5	5.9	5.4	4.2	3.8	3.0
24.0	6.1	5.6	5.1	4.2	3.6	2.9
26.0	5.8	5.3	5.0	4.0	3.5	2.9
28.0	5.4	5.1	4.8	3.9	3.4	2.8
30.0	4.7	4.9	4.6	3.7	3.2	2.7
32.0	4.1	4.3	4.4	3.6	3.1	2.6
34.0	3.6	3.7		3.5	3.0	2.6
36.0	3.1	3.2		3.3	2.9	2.5
38.0	2.7	2.8		3.1	2.8	2.5
40.0	2.4			2.9	2.7	2.5
42.0				2.5	2.6	
44.0				2.2	2.4	
46.0				2.0	2.1	
48.0				1.7		
θ (°)	15 to 82	27 to 82	46 to 82	18 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 7.2 m

[A capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0 Offset			18.0 Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	4.1	3.9	3.7	2.9	2.9	2.7
28.0	3.9	3.7	3.5	2.9	2.8	2.6
30.0	3.7	3.6	3.4	2.9	2.6	2.5
32.0	3.5	3.4	3.3	2.7	2.5	2.4
34.0	3.3	3.2	3.2	2.6	2.5	2.3
36.0	3.1	3.1	3.1	2.5	2.4	2.3
38.0	2.8	2.9	2.9	2.5	2.3	2.2
40.0	2.5	2.6	2.7	2.4	2.2	2.1
42.0	2.1	2.3	2.4	2.3	2.2	2.1
44.0	1.8	2.0	2.0	2.1	2.1	2.0
46.0	1.6	1.7		1.9	2.0	2.0
48.0	1.3	1.4		1.6	1.8	1.9
50.0	1.0	1.1		1.4	1.6	1.7
52.0	0.8	0.8		1.1	1.3	1.4
54.0	0.6			0.9	1.1	
56.0				0.7	0.8	
58.0				0.5	0.6	
θ (°)	20 to 82	28 to 82	46 to 82	31 to 82	34 to 82	47 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 7.2 m

[A capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0 Offset			18.0 Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.6	3.5	3.3	2.7	2.6	2.5
30.0	3.4	3.3	3.2	2.7	2.5	2.4
32.0	3.2	3.1	3.1	2.6	2.4	2.3
34.0	3.0	3.0	3.0	2.5	2.3	2.2
36.0	2.8	2.9	2.8	2.4	2.2	2.1
38.0	2.6	2.7	2.7	2.3	2.2	2.1
40.0	2.4	2.4	2.5	2.2	2.1	2.0
42.0	2.1	2.2	2.3	2.1	2.0	1.9
44.0	1.8	1.9	2.0	2.0	2.0	1.9
46.0	1.5	1.6	1.7	1.8	1.9	1.8
48.0	1.2	1.3		1.5	1.7	1.8
50.0	1.0	1.1		1.3	1.5	1.6
52.0	0.7	0.8		1.1	1.3	1.4
54.0	0.5	0.6		0.8	1.0	1.2
56.0				0.6	0.8	
58.0					0.6	
θ (°)	29 to 82	30 to 82	47 to 82	41 to 82	40 to 82	49 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 7.2 m

Hydraulic tilt jib

[B capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 7.2 m

[B capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.9	6.2	5.6	4.2	3.9	3.2
22.0	6.5	5.9	5.4	4.2	3.8	3.0
24.0	6.1	5.6	5.1	4.2	3.6	2.9
26.0	5.4	5.3	5.0	4.0	3.5	2.9
28.0	4.7	4.9	4.8	3.9	3.4	2.8
30.0	4.0	4.2	4.4	3.7	3.2	2.7
32.0	3.5	3.6	3.8	3.6	3.1	2.6
34.0	3.0	3.1		3.5	3.0	2.6
36.0	2.5	2.6		3.1	2.9	2.5
38.0	2.2	2.2		2.7	2.8	2.5
40.0	1.8			2.4	2.6	2.5
42.0				2.0	2.2	
44.0				1.8	1.9	
46.0				1.5	1.6	
48.0				1.3		
θ (°)	15 to 82	27 to 82	46 to 82	18 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 7.2 m

[B capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	4.1	3.9	3.7	2.9	2.9	2.7
28.0	3.9	3.7	3.5	2.9	2.8	2.6
30.0	3.7	3.6	3.4	2.9	2.6	2.5
32.0	3.5	3.4	3.3	2.7	2.5	2.4
34.0	3.1	3.2	3.2	2.6	2.5	2.3
36.0	2.7	2.8	3.0	2.5	2.4	2.3
38.0	2.3	2.4	2.6	2.5	2.3	2.2
40.0	1.9	2.1	2.2	2.3	2.2	2.1
42.0	1.6	1.8	1.9	1.9	2.2	2.1
44.0	1.4	1.5	1.6	1.7	1.9	2.0
46.0	1.1	1.2		1.4	1.6	1.8
48.0	0.8	0.9		1.2	1.4	1.5
50.0	0.6	0.7		1.0	1.1	1.3
52.0				0.7	0.9	1.0
54.0				0.5	0.7	
56.0					0.5	
θ (°)	31 to 82	33 to 82	46 to 82	39 to 82	38 to 82	47 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 7.2 m

[B capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.6	3.5	3.3	2.7	2.6	2.5
30.0	3.4	3.3	3.2	2.7	2.5	2.4
32.0	3.2	3.1	3.1	2.6	2.4	2.3
34.0	3.0	3.0	3.0	2.5	2.3	2.2
36.0	2.6	2.8	2.8	2.4	2.2	2.1
38.0	2.2	2.4	2.6	2.3	2.2	2.1
40.0	1.9	2.0	2.2	2.2	2.1	2.0
42.0	1.6	1.7	1.8	1.9	2.0	1.9
44.0	1.3	1.4	1.5	1.6	1.8	1.9
46.0	1.0	1.2	1.3	1.3	1.6	1.8
48.0	0.8	0.9		1.1	1.3	1.5
50.0	0.5	0.6		0.9	1.1	1.2
52.0				0.6	0.9	1.0
54.0					0.6	0.8
θ (°)	37 to 82	38 to 82	47 to 82	46 to 82	46 to 82	48 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 7.2 m



[C capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 7.2 m

[C capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.9	6.2	5.6	4.2	3.9	3.2
22.0	5.9	5.9	5.4	4.2	3.8	3.0
24.0	5.0	5.3	5.1	4.2	3.6	2.9
26.0	4.2	4.4	4.7	4.0	3.5	2.9
28.0	3.5	3.7	3.9	3.9	3.4	2.8
30.0	2.9	3.1	3.3	3.5	3.2	2.7
32.0	2.4	2.6	2.7	3.0	3.1	2.6
34.0	2.0	2.2		2.6	2.9	2.6
36.0	1.7	1.8		2.2	2.5	2.5
38.0	1.3	1.4		1.9	2.1	2.3
40.0	1.1			1.6	1.8	1.9
42.0				1.3	1.5	
44.0				1.0	1.2	
46.0				0.8	0.9	
48.0				0.6		
θ (°)	15 to 82	27 to 82	46 to 82	18 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 7.2 m

[C capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	4.1	3.9	3.7	2.9	2.9	2.7
28.0	3.6	3.7	3.5	2.9	2.8	2.6
30.0	3.1	3.3	3.4	2.9	2.6	2.5
32.0	2.6	2.8	3.0	2.7	2.5	2.4
34.0	2.2	2.4	2.5	2.5	2.5	2.3
36.0	1.8	2.0	2.1	2.1	2.4	2.3
38.0	1.4	1.6	1.8	1.8	2.1	2.2
40.0	1.2	1.3	1.4	1.5	1.7	2.0
42.0	0.9	1.0	1.1	1.2	1.4	1.7
44.0	0.6	0.8	0.8	0.9	1.2	1.4
46.0		0.5		0.7	0.9	1.1
48.0				0.5	0.7	0.9
50.0					0.5	0.6
θ (°)	42 to 82	41 to 82	46 to 82	47 to 82	48 to 82	50 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 7.2 m

[C capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.6	3.5	3.3	2.7	2.6	2.5
30.0	3.0	3.3	3.2	2.7	2.5	2.4
32.0	2.5	2.8	3.0	2.6	2.4	2.3
34.0	2.1	2.3	2.5	2.4	2.3	2.2
36.0	1.7	1.9	2.1	2.0	2.2	2.1
38.0	1.4	1.6	1.7	1.7	2.0	2.1
40.0	1.1	1.3	1.4	1.4	1.7	2.0
42.0	0.8	1.0	1.1	1.1	1.4	1.7
44.0	0.6	0.7	0.8	0.9	1.1	1.4
46.0			0.6	0.7	0.9	1.1
48.0					0.7	0.9
50.0						0.6
θ (°)	46 to 82	48 to 82	47 to 82	53 to 82	54 to 82	54 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 7.2 m

Hydraulic tilt jib

[D capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 7.2 m

[D capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	6.6	6.6	5.9	4.2	4.1	
20.0	5.3	5.8	5.6	4.2	3.9	3.2
22.0	4.3	4.7	5.1	4.2	3.8	3.0
24.0	3.5	3.8	4.2	4.2	3.6	2.9
26.0	2.8	3.1	3.4	3.5	3.5	2.9
28.0	2.3	2.5	2.7	2.9	3.4	2.8
30.0	1.8	2.0	2.2	2.4	2.8	2.7
32.0	1.4	1.6	1.7	2.0	2.3	2.6
34.0	1.1	1.2		1.6	1.9	2.3
36.0	0.7	0.9		1.3	1.6	1.8
38.0	0.5	0.6		1.0	1.2	1.5
40.0				0.8	1.0	1.1
42.0				0.5	0.7	
44.0					0.5	
θ (°)	24 to 82	27 to 82	46 to 82	36 to 82	35 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 7.2 m

[D capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	3.7	4.0	3.8	2.9	2.9	
26.0	3.0	3.3	3.7	2.9	2.9	2.7
28.0	2.4	2.7	3.0	2.8	2.8	2.6
30.0	2.0	2.2	2.5	2.3	2.6	2.5
32.0	1.5	1.8	2.0	1.9	2.3	2.4
34.0	1.2	1.4	1.6	1.5	1.9	2.3
36.0	0.9	1.1	1.2	1.2	1.5	1.9
38.0	0.6	0.8	0.9	0.9	1.2	1.5
40.0		0.5	0.6	0.7	0.9	1.2
42.0					0.7	0.9
44.0					0.5	0.7
θ (°)	51 to 82	50 to 82	52 to 82	57 to 82	56 to 82	59 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 7.2 m

[D capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	3.6	3.8	3.6	2.7	2.7	
26.0	3.0	3.3	3.5	2.7	2.7	2.6
28.0	2.4	2.7	3.0	2.7	2.6	2.5
30.0	1.9	2.2	2.4	2.2	2.5	2.4
32.0	1.5	1.7	2.0	1.8	2.2	2.3
34.0	1.1	1.3	1.6	1.4	1.8	2.2
36.0	0.8	1.0	1.2	1.1	1.5	1.9
38.0	0.5	0.7	0.9	0.8	1.2	1.5
40.0			0.6	0.6	0.9	1.2
42.0					0.6	0.9
44.0						0.6
θ (°)	54 to 82	56 to 82	55 to 82	60 to 82	60 to 82	62 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 7.2 m



[E capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 7.2 m

[E capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	6.7	7.0	6.2	4.2	4.2	
18.0	5.2	5.7	5.9	4.2	4.1	
20.0	4.1	4.5	5.0	4.2	3.9	3.2
22.0	3.2	3.6	4.0	4.0	3.8	3.0
24.0	2.5	2.8	3.2	3.2	3.6	2.9
26.0	1.9	2.2	2.5	2.6	3.1	2.9
28.0	1.4	1.7	1.9	2.1	2.5	2.8
30.0	1.0	1.2	1.4	1.6	2.1	2.5
32.0	0.7	0.9	1.0	1.3	1.6	2.0
34.0		0.5		1.0	1.3	1.6
36.0				0.7	0.9	1.2
38.0					0.7	0.9
40.0						0.6
θ (°)	41 to 82	39 to 82	46 to 82	47 to 82	47 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 7.2 m

[E capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.3	4.4	4.2	2.9	2.9	
22.0	3.4	3.8	4.0	2.9	2.9	
24.0	2.7	3.0	3.4	2.9	2.9	
26.0	2.1	2.4	2.7	2.5	2.9	2.7
28.0	1.6	1.9	2.2	2.0	2.5	2.6
30.0	1.2	1.4	1.7	1.5	2.0	2.5
32.0	0.8	1.1	1.3	1.2	1.6	2.0
34.0		0.7	0.9	0.8	1.2	1.6
36.0				0.6	0.9	1.3
38.0					0.6	0.9
40.0						0.7
θ (°)	59 to 82	58 to 82	60 to 82	61 to 82	63 to 82	64 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 7.2 m

[E capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.3	4.1	3.9	2.7		
22.0	3.4	3.8	3.7	2.7	2.7	
24.0	2.6	3.0	3.4	2.7	2.7	
26.0	2.1	2.4	2.7	2.4	2.7	2.6
28.0	1.6	1.8	2.1	1.9	2.4	2.5
30.0	1.1	1.4	1.7	1.5	1.9	2.4
32.0		1.0	1.2	1.1	1.5	2.0
34.0			0.9	0.8	1.2	1.6
36.0					0.8	1.2
38.0					0.6	0.9
40.0						0.6
θ (°)	64 to 82	63 to 82	63 to 82	66 to 82	65 to 82	66 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 7.2 m

Hydraulic tilt jib

[G capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 6.0 m

[G capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.9	6.2	5.6	4.2	3.9	3.2
22.0	6.5	5.9	5.4	4.2	3.8	3.0
24.0	5.8	5.6	5.1	4.2	3.6	2.9
26.0	4.9	5.2	5.0	4.0	3.5	2.9
28.0	4.2	4.4	4.7	3.9	3.4	2.8
30.0	3.6	3.8	4.0	3.7	3.2	2.7
32.0	3.1	3.2	3.4	3.6	3.1	2.6
34.0	2.6	2.8		3.2	3.0	2.6
36.0	2.2	2.3		2.8	2.9	2.5
38.0	1.9	1.9		2.4	2.6	2.5
40.0	1.6			2.1	2.3	2.5
42.0				1.8	2.0	
44.0				1.5	1.7	
46.0				1.3	1.4	
48.0				1.1		
θ (°)	15 to 82	27 to 82	46 to 82	18 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 6.0 m

[G capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	4.1	3.9	3.7	2.9	2.9	2.7
28.0	3.9	3.7	3.5	2.9	2.8	2.6
30.0	3.7	3.6	3.4	2.9	2.6	2.5
32.0	3.2	3.4	3.3	2.7	2.5	2.4
34.0	2.8	3.0	3.1	2.6	2.5	2.3
36.0	2.3	2.5	2.7	2.5	2.4	2.3
38.0	2.0	2.1	2.3	2.3	2.3	2.2
40.0	1.7	1.8	1.9	2.0	2.2	2.1
42.0	1.4	1.5	1.6	1.7	1.9	2.1
44.0	1.1	1.2	1.3	1.4	1.7	1.9
46.0	0.8	0.9		1.2	1.4	1.6
48.0	0.6	0.7		0.9	1.2	1.3
50.0				0.7	0.9	1.1
52.0				0.5	0.7	0.8
θ (°)	35 to 82	37 to 82	46 to 82	42 to 82	45 to 82	47 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 6.0 m

[G capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.6	3.5	3.3	2.7	2.6	2.5
30.0	3.4	3.3	3.2	2.7	2.5	2.4
32.0	3.2	3.1	3.1	2.6	2.4	2.3
34.0	2.7	2.9	3.0	2.5	2.3	2.2
36.0	2.3	2.5	2.7	2.4	2.2	2.1
38.0	1.9	2.1	2.3	2.2	2.2	2.1
40.0	1.6	1.8	1.9	1.9	2.1	2.0
42.0	1.3	1.5	1.6	1.6	1.9	1.9
44.0	1.0	1.2	1.3	1.4	1.6	1.9
46.0	0.8	0.9	1.0	1.1	1.3	1.6
48.0	0.5	0.6		0.8	1.1	1.3
50.0				0.6	0.8	1.1
52.0					0.6	0.8
54.0						0.5
θ (°)	40 to 82	42 to 82	47 to 82	49 to 82	49 to 82	48 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 6.0 m



[H capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 6.0 m

[H capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.9	6.2	5.6	4.2	3.9	3.2
22.0	5.9	5.9	5.4	4.2	3.8	3.0
24.0	4.9	5.2	5.1	4.2	3.6	2.9
26.0	4.1	4.4	4.7	4.0	3.5	2.9
28.0	3.5	3.7	3.9	3.9	3.4	2.8
30.0	2.9	3.1	3.3	3.5	3.2	2.7
32.0	2.4	2.6	2.7	3.0	3.1	2.6
34.0	2.0	2.2		2.6	2.9	2.6
36.0	1.7	1.8		2.2	2.5	2.5
38.0	1.4	1.4		1.9	2.1	2.4
40.0	1.1			1.6	1.8	2.0
42.0				1.3	1.5	
44.0				1.1	1.2	
46.0				0.9	1.0	
48.0				0.6		
θ (°)	15 to 82	27 to 82	46 to 82	18 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 6.0 m

[H capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	4.1	3.9	3.7	2.9	2.9	2.7
28.0	3.6	3.7	3.5	2.9	2.8	2.6
30.0	3.1	3.3	3.4	2.9	2.6	2.5
32.0	2.6	2.8	3.0	2.7	2.5	2.4
34.0	2.2	2.4	2.6	2.5	2.5	2.3
36.0	1.8	2.0	2.1	2.1	2.4	2.3
38.0	1.5	1.6	1.8	1.8	2.1	2.2
40.0	1.2	1.3	1.4	1.5	1.8	2.1
42.0	0.9	1.0	1.1	1.2	1.5	1.7
44.0	0.6	0.7	0.9	1.0	1.2	1.4
46.0		0.5		0.7	1.0	1.2
48.0				0.5	0.7	0.9
50.0					0.5	0.7
θ (°)	42 to 82	41 to 82	46 to 82	47 to 82	48 to 82	50 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 6.0 m

[H capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.6	3.5	3.3	2.7	2.6	2.5
30.0	3.0	3.3	3.2	2.7	2.5	2.4
32.0	2.5	2.8	3.0	2.6	2.4	2.3
34.0	2.1	2.3	2.5	2.4	2.3	2.2
36.0	1.7	1.9	2.1	2.0	2.2	2.1
38.0	1.4	1.6	1.7	1.7	2.0	2.1
40.0	1.1	1.3	1.4	1.4	1.7	2.0
42.0	0.8	1.0	1.1	1.2	1.4	1.7
44.0	0.5	0.7	0.8	0.9	1.2	1.4
46.0			0.5	0.6	0.9	1.1
48.0					0.7	0.9
50.0						0.6
θ (°)	46 to 82	48 to 82	47 to 82	53 to 82	54 to 82	54 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 6.0 m

Hydraulic tilt jib

[l capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 6.0 m

[l capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	6.7	6.6	5.9	4.2	4.1	
20.0	5.4	5.9	5.6	4.2	3.9	3.2
22.0	4.4	4.8	5.2	4.2	3.8	3.0
24.0	3.6	3.9	4.3	4.2	3.6	2.9
26.0	3.0	3.2	3.5	3.6	3.5	2.9
28.0	2.4	2.6	2.9	3.0	3.4	2.8
30.0	1.9	2.1	2.3	2.5	2.9	2.7
32.0	1.5	1.7	1.8	2.1	2.5	2.6
34.0	1.2	1.3		1.7	2.1	2.4
36.0	0.9	1.0		1.4	1.7	2.0
38.0	0.6	0.7		1.1	1.4	1.6
40.0				0.9	1.1	1.2
42.0				0.6	0.8	
44.0					0.6	
θ (°)	24 to 82	27 to 82	46 to 82	36 to 82	35 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 6.0 m

[l capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	3.8	4.0	3.8	2.9	2.9	
26.0	3.1	3.4	3.7	2.9	2.9	2.7
28.0	2.6	2.8	3.1	2.9	2.8	2.6
30.0	2.1	2.3	2.6	2.4	2.6	2.5
32.0	1.7	1.9	2.1	2.0	2.4	2.4
34.0	1.3	1.5	1.7	1.6	2.0	2.3
36.0	1.0	1.2	1.3	1.3	1.6	2.0
38.0	0.7	0.9	1.0	1.0	1.3	1.7
40.0		0.6	0.7	0.8	1.0	1.3
42.0				0.5	0.8	1.1
44.0					0.6	0.8
46.0						0.5
θ (°)	51 to 82	50 to 82	52 to 82	55 to 82	56 to 82	56 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 6.0 m

[l capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	3.8	3.8	3.6	2.7	2.7	
26.0	3.1	3.4	3.5	2.7	2.7	2.6
28.0	2.5	2.8	3.1	2.7	2.6	2.5
30.0	2.0	2.3	2.6	2.4	2.5	2.4
32.0	1.6	1.8	2.1	1.9	2.4	2.3
34.0	1.3	1.5	1.7	1.6	2.0	2.2
36.0	0.9	1.1	1.3	1.2	1.6	2.0
38.0	0.7	0.8	1.0	0.9	1.3	1.6
40.0		0.5	0.7	0.7	1.0	1.3
42.0					0.7	1.0
44.0					0.5	0.8
46.0						0.5
θ (°)	54 to 82	53 to 82	55 to 82	60 to 82	58 to 82	59 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 6.0 m



[J capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 6.0 m

[J capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.2	7.5	6.6	4.2		
16.0	6.3	6.9	6.2	4.2	4.2	
18.0	4.9	5.4	5.9	4.2	4.1	
20.0	3.8	4.3	4.7	4.2	3.9	3.2
22.0	3.0	3.4	3.7	3.7	3.8	3.0
24.0	2.3	2.6	3.0	3.0	3.6	2.9
26.0	1.8	2.0	2.3	2.4	2.9	2.9
28.0	1.3	1.5	1.8	1.9	2.4	2.8
30.0	0.9	1.1	1.3	1.5	1.9	2.4
32.0	0.6	0.7	0.9	1.2	1.5	1.9
34.0				0.9	1.2	1.5
36.0				0.6	0.9	1.1
38.0					0.6	0.8
40.0						0.5
θ (°)	41 to 82	43 to 82	46 to 82	47 to 82	47 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 6.0 m

[J capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.0	4.4	4.2	2.9	2.9	
22.0	3.2	3.6	4.0	2.9	2.9	
24.0	2.5	2.9	3.2	2.9	2.9	
26.0	1.9	2.3	2.6	2.3	2.9	2.7
28.0	1.5	1.7	2.0	1.8	2.3	2.6
30.0	1.1	1.3	1.6	1.4	1.9	2.4
32.0	0.7	0.9	1.2	1.1	1.5	1.9
34.0			0.8	0.8	1.1	1.5
36.0				0.5	0.8	1.2
38.0					0.5	0.9
40.0						0.6
θ (°)	59 to 82	61 to 82	60 to 82	61 to 82	63 to 82	64 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 6.0 m

[J capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.0	4.1	3.9	2.7		
22.0	3.1	3.5	3.7	2.7	2.7	
24.0	2.5	2.8	3.2	2.7	2.7	
26.0	1.9	2.2	2.6	2.2	2.7	2.6
28.0	1.4	1.7	2.0	1.8	2.3	2.5
30.0	1.0	1.3	1.5	1.3	1.8	2.3
32.0		0.9	1.1	1.0	1.4	1.9
34.0				0.7	1.1	1.5
36.0					0.8	1.2
38.0						0.8
θ (°)	64 to 82	63 to 82	65 to 82	66 to 82	67 to 82	68 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 6.0 m

Hydraulic tilt jib

[K capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 6.0 m

[K capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	8.8	8.1		4.2		
14.0	6.4	7.1	6.6	4.2		
16.0	4.8	5.4	6.1	4.2	4.2	
18.0	3.6	4.1	4.7	4.2	4.1	
20.0	2.7	3.1	3.6	3.5	3.9	3.2
22.0	2.0	2.4	2.7	2.7	3.4	3.0
24.0	1.4	1.7	2.1	2.1	2.7	2.9
26.0	1.0	1.2	1.5	1.6	2.1	2.7
28.0	0.6	0.8	1.0	1.2	1.6	2.1
30.0			0.6	0.8	1.2	1.7
32.0				0.5	0.9	1.2
34.0					0.6	0.9
36.0						0.6
θ (°)	49 to 82	51 to 82	50 to 82	53 to 82	54 to 82	55 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 6.0 m

[K capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	3.9	4.4	4.4	2.9		
20.0	2.9	3.4	3.9	2.9	2.9	
22.0	2.2	2.6	3.0	2.6	2.9	
24.0	1.6	2.0	2.3	2.0	2.6	
26.0	1.1	1.4	1.8	1.5	2.0	2.7
28.0		1.0	1.3	1.1	1.6	2.1
30.0					1.2	1.7
32.0					0.8	1.3
34.0						0.9
θ (°)	66 to 82	65 to 82	68 to 82	69 to 82	69 to 82	70 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 6.0 m

[K capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	3.8	4.3		2.7		
20.0	2.9	3.3	3.8	2.7		
22.0	2.1	2.5	3.0	2.5	2.7	
24.0	1.6	1.9	2.3	1.9	2.6	
26.0		1.4	1.7	1.4	2.0	2.6
28.0			1.2	1.0	1.5	2.1
30.0					1.1	1.6
32.0						1.2
34.0						0.9
θ (°)	70 to 82	69 to 82	70 to 82	71 to 82	72 to 82	72 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 6.0 m



[M capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 5.0 m

[M capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	7.4	6.6	5.9	4.2	4.1	
20.0	6.4	6.2	5.6	4.2	3.9	3.2
22.0	5.3	5.6	5.4	4.2	3.8	3.0
24.0	4.4	4.7	5.0	4.2	3.6	2.9
26.0	3.7	4.0	4.2	4.0	3.5	2.9
28.0	3.1	3.3	3.5	3.7	3.4	2.8
30.0	2.6	2.8	3.0	3.2	3.2	2.7
32.0	2.1	2.3	2.4	2.7	3.1	2.6
34.0	1.8	1.9		2.3	2.6	2.6
36.0	1.4	1.5		2.0	2.2	2.5
38.0	1.1	1.2		1.6	1.9	2.1
40.0	0.8			1.4	1.6	1.7
42.0				1.1	1.3	
44.0				0.9	1.0	
46.0				0.6	0.8	
θ (°)	15 to 82	27 to 82	46 to 82	25 to 82	29 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 25 t, outrigger extension width 5.0 m

[M capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	4.3	4.0	3.8	2.9	2.9	
26.0	3.9	3.9	3.7	2.9	2.9	2.7
28.0	3.3	3.5	3.5	2.9	2.8	2.6
30.0	2.7	3.0	3.2	2.9	2.6	2.5
32.0	2.3	2.5	2.7	2.6	2.5	2.4
34.0	1.9	2.1	2.3	2.2	2.5	2.3
36.0	1.5	1.7	1.9	1.9	2.2	2.3
38.0	1.2	1.4	1.5	1.5	1.8	2.2
40.0	0.9	1.1	1.2	1.3	1.5	1.8
42.0	0.6	0.8	0.9	1.0	1.3	1.5
44.0		0.5	0.6	0.8	1.0	1.2
46.0				0.5	0.8	1.0
48.0					0.5	0.7
50.0						0.5
θ (°)	46 to 82	44 to 82	46 to 82	50 to 82	51 to 82	50 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 5.0 m

[M capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	4.0	3.8	3.6	2.7	2.7	
26.0	3.8	3.6	3.5	2.7	2.7	2.6
28.0	3.2	3.5	3.3	2.7	2.6	2.5
30.0	2.7	2.9	3.2	2.7	2.5	2.4
32.0	2.2	2.5	2.7	2.5	2.4	2.3
34.0	1.8	2.0	2.2	2.1	2.3	2.2
36.0	1.5	1.7	1.9	1.8	2.1	2.1
38.0	1.2	1.3	1.5	1.5	1.8	2.1
40.0	0.9	1.1	1.2	1.2	1.5	1.8
42.0	0.6	0.8	0.9	0.9	1.2	1.5
44.0		0.5	0.6	0.7	1.0	1.2
46.0					0.7	0.9
48.0						0.7
θ (°)	49 to 82	48 to 82	50 to 82	56 to 82	56 to 82	57 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 25 t, outrigger extension width 5.0 m

Hydraulic tilt jib

[N capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 5.0 m

[N capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.6	7.5	6.6	4.2		
16.0	8.0	7.0	6.2	4.2	4.2	
18.0	6.6	6.6	5.9	4.2	4.1	
20.0	5.4	5.8	5.6	4.2	3.9	3.2
22.0	4.4	4.8	5.2	4.2	3.8	3.0
24.0	3.7	4.0	4.3	4.2	3.6	2.9
26.0	3.0	3.3	3.5	3.6	3.5	2.9
28.0	2.4	2.7	2.9	3.1	3.4	2.8
30.0	2.0	2.2	2.3	2.6	3.0	2.7
32.0	1.6	1.7	1.9	2.2	2.5	2.6
34.0	1.2	1.4		1.8	2.1	2.4
36.0	0.9	1.0		1.5	1.7	2.0
38.0	0.6	0.7		1.2	1.4	1.6
40.0				0.9	1.1	1.3
42.0				0.7	0.9	
44.0					0.6	
θ (°)	24 to 82	27 to 82	46 to 82	36 to 82	35 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 21 t, outrigger extension width 5.0 m

[N capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.8	4.4	4.2	2.9	2.9	
22.0	4.5	4.2	4.0	2.9	2.9	
24.0	3.8	4.0	3.8	2.9	2.9	
26.0	3.2	3.5	3.7	2.9	2.9	2.7
28.0	2.6	2.9	3.2	2.9	2.8	2.6
30.0	2.1	2.4	2.6	2.5	2.6	2.5
32.0	1.7	1.9	2.2	2.0	2.5	2.4
34.0	1.4	1.6	1.7	1.7	2.0	2.3
36.0	1.0	1.2	1.4	1.4	1.7	2.1
38.0	0.8	0.9	1.1	1.1	1.4	1.7
40.0	0.5	0.6	0.8	0.8	1.1	1.4
42.0			0.5	0.6	0.8	1.1
44.0					0.6	0.8
46.0						0.6
θ (°)	49 to 82	50 to 82	49 to 82	55 to 82	56 to 82	56 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 5.0 m

[N capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m) Load radius (m)	10.0			18.0		
	Offset			Offset		
	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.4	4.1	3.9	2.7		
22.0	4.2	4.0	3.7	2.7	2.7	
24.0	3.8	3.8	3.6	2.7	2.7	
26.0	3.1	3.4	3.5	2.7	2.7	2.6
28.0	2.6	2.8	3.1	2.7	2.6	2.5
30.0	2.1	2.3	2.6	2.4	2.5	2.4
32.0	1.7	1.9	2.1	2.0	2.4	2.3
34.0	1.3	1.5	1.7	1.6	2.0	2.2
36.0	1.0	1.2	1.4	1.3	1.6	2.0
38.0	0.7	0.9	1.0	1.0	1.3	1.7
40.0		0.6	0.7	0.7	1.0	1.3
42.0				0.5	0.8	1.1
44.0					0.5	0.8
46.0						0.6
θ (°)	54 to 82	53 to 82	55 to 82	58 to 82	58 to 82	59 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 21 t, outrigger extension width 5.0 m



[O capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	6.2	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 5.0 m

[O capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	9.3	8.1		4.2		
14.0	8.2	7.5	6.6	4.2		
16.0	6.4	7.0	6.2	4.2	4.2	
18.0	5.1	5.5	5.9	4.2	4.1	
20.0	4.0	4.4	4.9	4.2	3.9	3.2
22.0	3.2	3.5	3.9	3.9	3.8	3.0
24.0	2.5	2.8	3.1	3.2	3.6	2.9
26.0	2.0	2.2	2.5	2.6	3.1	2.9
28.0	1.5	1.7	1.9	2.1	2.5	2.8
30.0	1.1	1.3	1.5	1.7	2.1	2.5
32.0	0.7	0.9	1.0	1.3	1.7	2.0
34.0		0.6		1.0	1.3	1.6
36.0				0.7	1.0	1.3
38.0				0.5	0.7	0.9
40.0					0.5	0.6
θ (°)	41 to 82	39 to 82	46 to 82	44 to 82	44 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 15 t, outrigger extension width 5.0 m

[O capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.9	4.9		2.9		
18.0	4.9	4.7	4.4	2.9		
20.0	4.2	4.4	4.2	2.9	2.9	
22.0	3.4	3.8	4.0	2.9	2.9	
24.0	2.7	3.0	3.4	2.9	2.9	
26.0	2.1	2.4	2.7	2.5	2.9	2.7
28.0	1.6	1.9	2.2	2.0	2.5	2.6
30.0	1.2	1.5	1.7	1.6	2.0	2.5
32.0	0.9	1.1	1.3	1.2	1.6	2.1
34.0		0.8	1.0	0.9	1.3	1.7
36.0			0.6	0.6	1.0	1.3
38.0					0.7	1.0
40.0						0.7
42.0						0.5
θ (°)	59 to 82	58 to 82	58 to 82	61 to 82	63 to 82	61 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 5.0 m

[O capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	4.4	4.4		2.7		
20.0	4.2	4.1	3.9	2.7		
22.0	3.3	3.7	3.7	2.7	2.7	
24.0	2.6	3.0	3.4	2.7	2.7	
26.0	2.1	2.4	2.7	2.4	2.7	2.6
28.0	1.6	1.9	2.2	1.9	2.4	2.5
30.0	1.2	1.4	1.7	1.5	2.0	2.4
32.0	0.8	1.1	1.3	1.1	1.6	2.0
34.0			0.9	0.8	1.2	1.6
36.0					0.9	1.3
38.0					0.6	1.0
40.0						0.7
θ (°)	61 to 82	63 to 82	63 to 82	66 to 82	65 to 82	66 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 15 t, outrigger extension width 5.0 m

Hydraulic tilt jib

[P capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	8.0	6.8	5.9	5.4	4.4	
14.0	7.0	6.2	5.5	4.7	4.0	
16.0	5.9	5.7		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.8	2.7	2.5
26.0				2.6	2.5	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 5.0 m

[P capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	10.1	8.9		4.2		
11.0	9.7	8.5		4.2		
12.0	8.2	8.1		4.2		
14.0	6.1	6.7	6.6	4.2		
16.0	4.6	5.1	5.8	4.2	4.2	
18.0	3.4	3.9	4.5	4.2	4.1	
20.0	2.6	3.0	3.4	3.3	3.9	3.2
22.0	1.9	2.3	2.6	2.6	3.2	3.0
24.0	1.3	1.7	2.0	2.0	2.6	2.9
26.0	0.9	1.2	1.4	1.5	2.0	2.6
28.0		0.7	0.9	1.1	1.6	2.0
30.0			0.5	0.8	1.2	1.6
32.0				0.5	0.8	1.2
34.0					0.5	0.8
36.0						0.5
θ (°)	52 to 82	51 to 82	50 to 82	53 to 82	54 to 82	55 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 9 t, outrigger extension width 5.0 m

[P capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.9			2.9		
16.0	4.8	4.9		2.9		
18.0	3.7	4.2	4.4	2.9		
20.0	2.8	3.2	3.7	2.9	2.9	
22.0	2.1	2.5	2.9	2.5	2.9	
24.0	1.5	1.9	2.2	1.9	2.5	
26.0	1.1	1.4	1.7	1.4	2.0	2.6
28.0		0.9	1.2	1.0	1.5	2.1
30.0					1.1	1.6
32.0					0.8	1.2
34.0						0.9
θ (°)	66 to 82	65 to 82	68 to 82	69 to 82	69 to 82	70 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 5.0 m

[P capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	4.4	4.4		2.7		
18.0	3.6	4.1		2.7		
20.0	2.7	3.2	3.7	2.7		
22.0	2.0	2.4	2.9	2.4	2.7	
24.0	1.5	1.8	2.2	1.8	2.4	
26.0		1.3	1.6	1.3	1.9	2.5
28.0			1.2	0.9	1.4	2.0
30.0					1.1	1.6
32.0						1.2
34.0						0.8
θ (°)	70 to 82	69 to 82	70 to 82	71 to 82	72 to 82	72 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 9 t, outrigger extension width 5.0 m



[Q capacity]

11.1 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
3.0	11.0					
3.5	11.0					
4.0	11.0					
4.5	11.0					
5.0	11.0	11.0		5.6		
6.0	11.0	10.2		5.6		
7.0	11.0	9.4		5.6		
8.0	11.0	8.7	6.9	5.6		
9.0	10.1	8.1	6.6	5.6		
10.0	9.3	7.6	6.3	5.6	5.0	
11.0	8.6	7.2	6.1	5.6	4.7	
12.0	7.8	6.8	5.9	5.4	4.4	
14.0	5.9	6.2	5.5	4.7	4.0	
16.0	4.6	4.8		4.1	3.6	3.1
18.0				3.7	3.3	2.9
20.0				3.3	3.0	2.7
22.0				3.1	2.8	2.6
24.0				2.6	2.7	2.5
26.0				2.2	2.3	
θ (°)	33 to 82	38 to 82	54 to 82	20 to 82	28 to 82	47 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 5.0 m

[Q capacity]

33.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
8.0	10.1					
9.0	10.1					
10.0	9.2	8.9		4.2		
11.0	7.6	8.5		4.2		
12.0	6.4	7.2		4.2		
14.0	4.6	5.2	6.0	4.2		
16.0	3.3	3.8	4.5	4.1	4.2	
18.0	2.3	2.8	3.3	3.1	3.9	
20.0	1.6	2.0	2.4	2.3	3.0	3.2
22.0	1.0	1.4	1.7	1.7	2.3	3.0
24.0		0.8	1.2	1.2	1.8	2.4
26.0				0.8	1.3	1.8
28.0					0.9	1.4
30.0					0.5	1.0
32.0						0.6
θ (°)	59 to 82	58 to 82	62 to 82	62 to 82	60 to 82	62 to 82
Standard hook block	18 t			5.6 t		
Hook block weight	300 kg			150 kg		
Standard number of parts of line	2			1		

Note: Counterweight 5 t, outrigger extension width 5.0 m

[Q capacity]

47.9 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
11.0	4.9					
12.0	4.9					
14.0	4.8			2.9		
16.0	3.5	4.1		2.9		
18.0	2.5	3.0	3.6	2.9		
20.0	1.8	2.2	2.7	2.2	2.9	
22.0		1.6	2.0	1.6	2.3	
24.0			1.4	1.1	1.7	
26.0					1.2	1.8
28.0						1.4
30.0						1.0
θ (°)	73 to 82	72 to 82	72 to 82	73 to 82	75 to 82	75 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 5.0 m

[Q capacity]

51.2 m boom + hydraulic tilt jib

Unit: t

Jib length (m)	10.0			18.0		
	Offset			Offset		
Load radius (m)	5°	20°	40°	5°	20°	40°
12.0	4.4					
14.0	4.4					
16.0	3.5	4.0		2.7		
18.0	2.5	3.0		2.7		
20.0	1.7	2.2	2.7	2.1		
22.0		1.5	2.0	1.5	2.2	
24.0			1.4		1.6	
26.0					1.2	1.8
28.0						1.3
θ (°)	74 to 82	74 to 82	74 to 82	77 to 82	76 to 82	78 to 82
Standard hook block	5.6 t			5.6 t		
Hook block weight	150 kg			150 kg		
Standard number of parts of line	1			1		

Note: Counterweight 5 t, outrigger extension width 5.0 m