



Hydraulic Crawler Crane

CKE

2500G

Model : CKE2500G

Max. Lifting Capacities : **250 t x 4.6 m**

Max. Lifting Capacities With Luffing Jib: **80 t x 9.8 m**

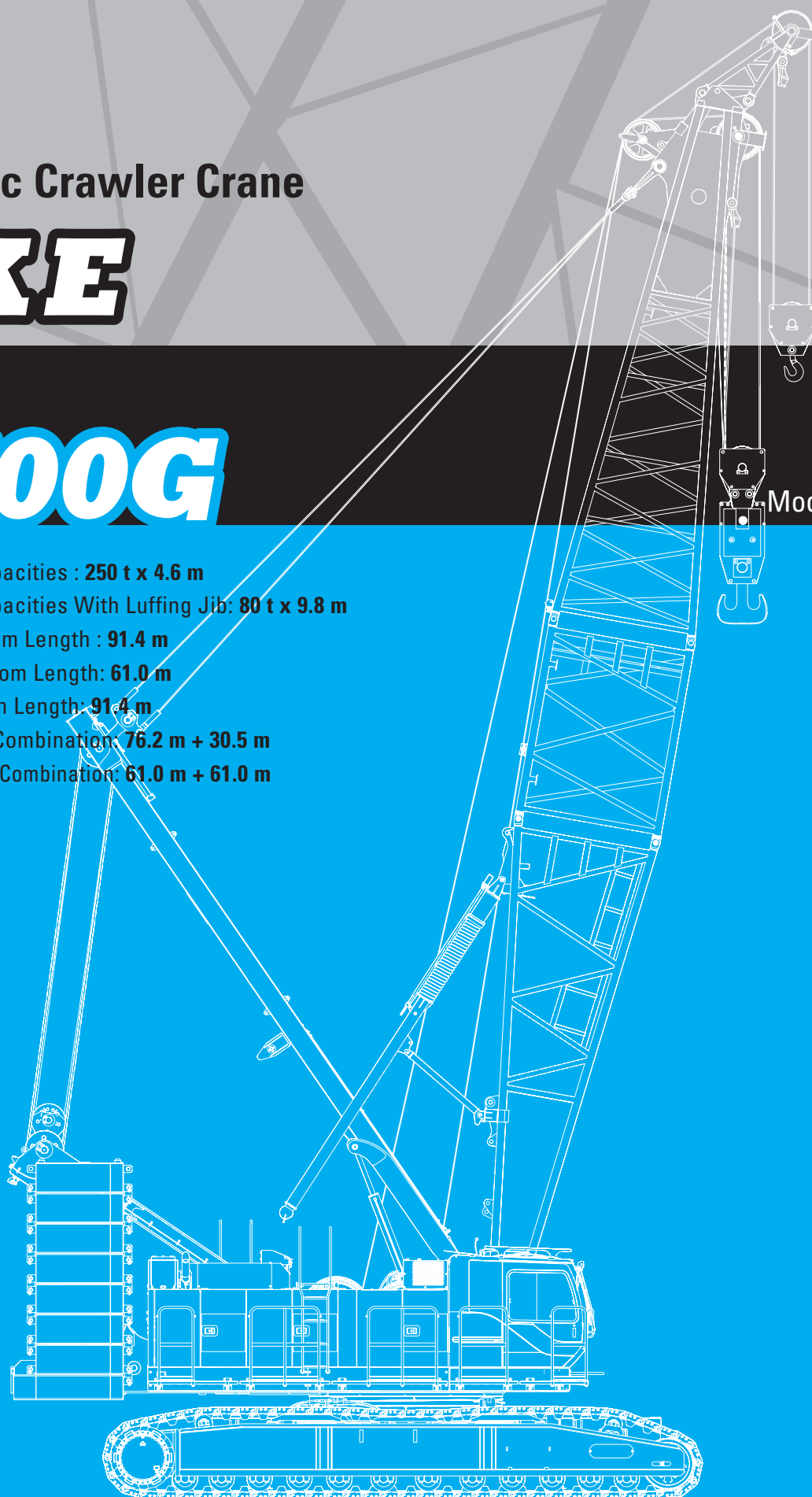
Max. Crane Boom Length : **91.4 m**

Max. Luffing Boom Length: **61.0 m**

Max. Long Boom Length: **91.4 m**

Max. Fixed Jib Combination: **76.2 m + 30.5 m**

Max. Luffing Jib Combination: **61.0 m + 61.0 m**



KOBELCO





CKE2500G

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SPECIFICATIONS



Power Plant

Model: HINO P11C-VC
Type: 4 cycle, water-cooled, vertical in-line 6, direct injection, turbo-charger, intercooler
Complies with NRMM (Europe) Stage IIIB and US EPA Tier Interim Tier 4
Displacement: 10,520 liters
Rated power: 271 kW/1850 min⁻¹ (363 HP / 1,850 rpm)
Max. Torque: 1,469 N·m/1,400 min⁻¹
Cooling System: Water-cooled
Starter: 24 V-6 kW
Radiator: Corrugated type core, thermostatically controlled
Air cleaner: Dry type with replaceable paper element
Throttle: Twist grip type hand throttle, electrically actuated
Fuel filter: Replaceable paper element
Batteries: Two 12 V x 136 Ah/5 HR capacity batteries, series connected
Fuel tank capacity: 400 liters



Hydraulic System

Main pumps: 4 variable displacement piston pumps
Control: Full-flow hydraulic control system for infinitely variable pressure to all winches, propel and swing. Controls respond instantly to the touch, delivering smooth function operation.
Cooling: Oil-to-air heat exchanger (plate-fin type)
Filtration: Full-flow and bypass type with replaceable element
Max. relief valve pressure:
Load hoist, boom hoist and propel system: 31.9 MPa (4,626 psi)
Swing system: 27.5 MPa (3,989 psi)
Control system: 5.4 MPa (783 psi)
Hydraulic Tank Capacity: 650 liters (171.7 US Gal)



Boom Hoisting System

Powered by a hydraulic motor through a planetary reducer.
Brake: A spring-set, hydraulically released multiple-disc brake is mounted on the boom hoist motor and operated through a counter-balance valve.
Drum Lock: External ratchet for locking drum
Drum: Single drum, grooved for 26 mm dia. wire rope
Line Speed: Single line on first drum layer
Hoisting/Lowering: 22 to 2 m/min x 2
Diameter of wire rope
Main winch: 26 mm x 480 m (1-1/32 in x 1,575 ft)
Aux. winch: 26 mm x 390 m (1-1/32 in x 1,575 ft)
Third winch: 26 mm x 265 m (27/32 in x 869 ft)
Boom hoisting/lowering: 26 mm x 285 m (1-1/32 in x 935 ft)
Boom guy line: 38 m (1-1/2 in)
Boom backstops: Required for all boom length



Load Hoisting System

Front and rear drums for load hoist powered by a hydraulic variable plunger motors, driven through planetary reducers.
Negative Brake: A spring-set, hydraulically released multiple-disc brake is mounted on the hoist motor and operated through a counter-balance valve. (Positive free fall brake is optional)
Drum Lock: External ratchet for locking drum
Drums:
Front Drums: 618 mm (2 ft 5/16 inch) P.C.D x 864 m (2 ft 10-1/32 inch) wide drum, grooved for 26 mm (1-1/32 inch) wire rope. Rope capacity is 480 m (1,575 ft) working length and 510 m (1,673 ft) storage length.
Rear Drum: 618 mm (2 ft 5/16 inch) P.C.D x 864 m (2 ft 10-1/32 inch), grooved for 26 mm (1-1/32 inch) wire rope. Rope capacity is 390 m (1,280 ft) working length and 510 m (1,673 ft) storage length.
Line Speed: Single line on first drum layer
Hoisting/lowering: 110 to 3 m/min
Line Pull:
Max. Line Pull (Single Line): 233 kN (52,500 lbs) (Referential performance)
Rated Line Pull: 132 kN (29,500 lbs)



Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducers (2 set), the swing system provides 360° rotation.
Swing parking brakes: A spring-set, hydraulically released multiple-disc brake is mounted on swing motor.
Swing circle: Single-row ball bearing with an integral internally cut swing gear.
Swing lock: Manually, four position lock for transportation
Swing Speed: 2.0 min⁻¹ (2.0 rpm)



Upper Structure

Torsion-free precision machined upper frame. All components are located clearly and service friendly. Engine will with low noise level.
Counter weight: 90.4 ton



Cab & Control

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a headrest and armrests, and intermittent wiper and window washer (skylight and front window).
Cab fittings:
Air conditioner, convenient compartment (for tool), cup holder, ashtray, cigarette lighter, sun visor, roof blind, tinted glass, floor



mat, footrest, and shoe tray

Controls:

Four adjustable levers for front drum, rear drum, boom drum and swing controls.



Lower Structure

Steel-welded carbody with axles. Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles. Crawler belt tension is maintained by hydraulic jack force on the track adjusting bearing block.

Carbodyweight: 7.3 ton

Crawler drive: Independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a driving tumbler through a planetary gear box. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.

Crawler brakes: Spring-set, hydraulically released parking brakes are built into each propel drive.

Steering mechanism: A hydraulic propel system provides both skid steering (driving one track only) and counter-rotating steering (driving each track in opposite directions).

Track rollers: Sealed track rollers for maintenance-free operation.

Shoe (flat): 1,220 mm wide each crawler

Max. gradeability: 30 %



Weight

Including upper and lower machine, 90.4 ton counterweight and 27.5 ton carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

Weight: 220 ton

Ground pressure: 112 kPa (15.0 psi)



Attachment

Boom & Jib:

Welded lattice construction using tubular, high-tensile steel chords with pin connection between sections.

Boom and Jib length

	Min. Length (Min. combination)	Max. Length (Min. combination)
Crane Boom	15.2 m	91.4 m
Fixed lib	27.4 m + 12.2 m	76.2 m + 30.5 m

Main Specifications (Model: CKE2500G)	
Crane Boom	
Max. Lifting Capacity	250 t x 4.6 m
Max. Length	91.4 m
Fixed Jib	
Max. Lifting Capacity	27.0 t x 10.4 m
Max. Combination	76.2 m + 30.5 m
Long Boom	
Max. Lifting Capacity	47.1 t/12.8 m
Max. Length	91.4 m
Luffing Boom	
Max. Lifting Capacity	150 t/ 7.0 m
Max. Length	61.0 m
Luffing Jib	
Max. Jib Length	61.0 m
Max . Combination	61.0 m + 61.0 m
Main & Aux. Winch	
Max. Line Speed (1st layer)	110 m/min
Rated Line Pull (Single line)	132 kN {13.5 tf}
Wire Rope Diameter	26 mm x 480 m
Wire Rope Length	480 m (Main), 390 m (Aux.)
Brake Type	Wet-type multiple disc brake (Optional)
Working Speed	
Swing Speed	2.0 min ⁻¹ {rpm}
Travel Speed	1.1/0.7 km/h

Power Plant	
Model	HINO P11C-VC
Engine Output	271 kW / 1850 min ⁻¹
Fuel Tank	400 liters
Hydraulic System	
Main Pums	4 variable displacement
Max. Pressure	31.9 Mpa {325 kg/cm ² }
Hydraulic Tank Capacity	650 liters
Self-Removal Device	
	counterweight/crawler self-removal device (Standard)
Weight	
Operating Weight	220 t *1
Ground Pressure	112 kPa
Counterweight	90,400 kg
Transport Weight	44,960 kg *2

Units are SI units. { } indicates conventional units.
Line speeds in table are for light loads. Line speed varies with load.

*1 Including upper and lower machine, 90.4 ton counterweight, 27.5 ton carbody weight, basic boom, hook, and other accessories.

*2 Base Machine with gantry, wire ropes (front/rear/boom hoist)

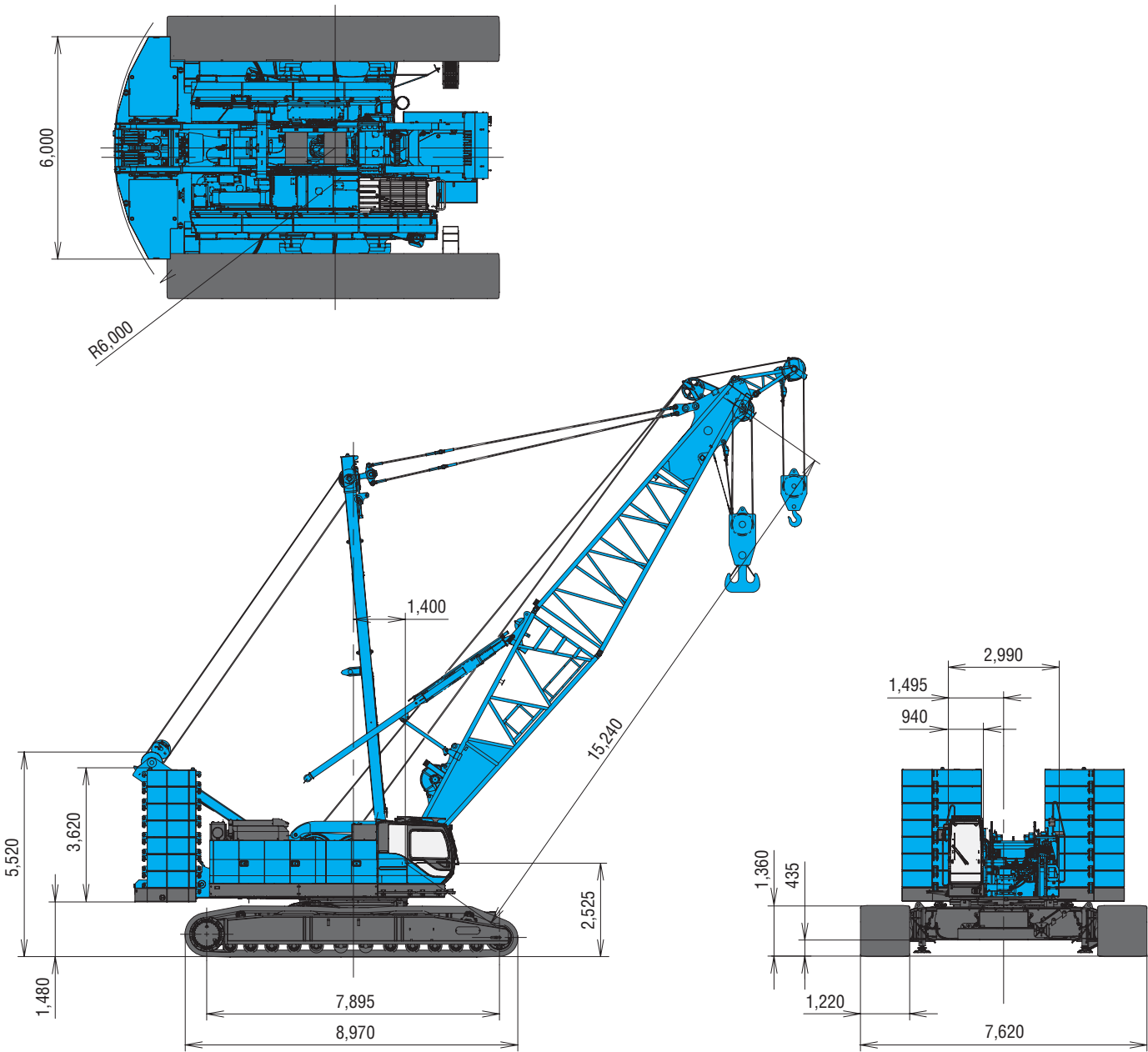
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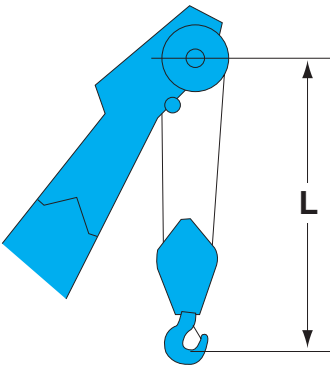
GENERAL DIMENSIONS

Crane Boom

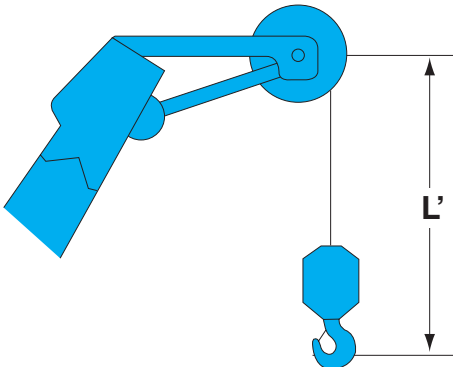
(Unit: mm)



Limit of Hook Lifting



Hook	L
250 t hook	5.3 m
150 t hook	5.9 m
70 t hook	4.9 m
35 t hook	4.7 m

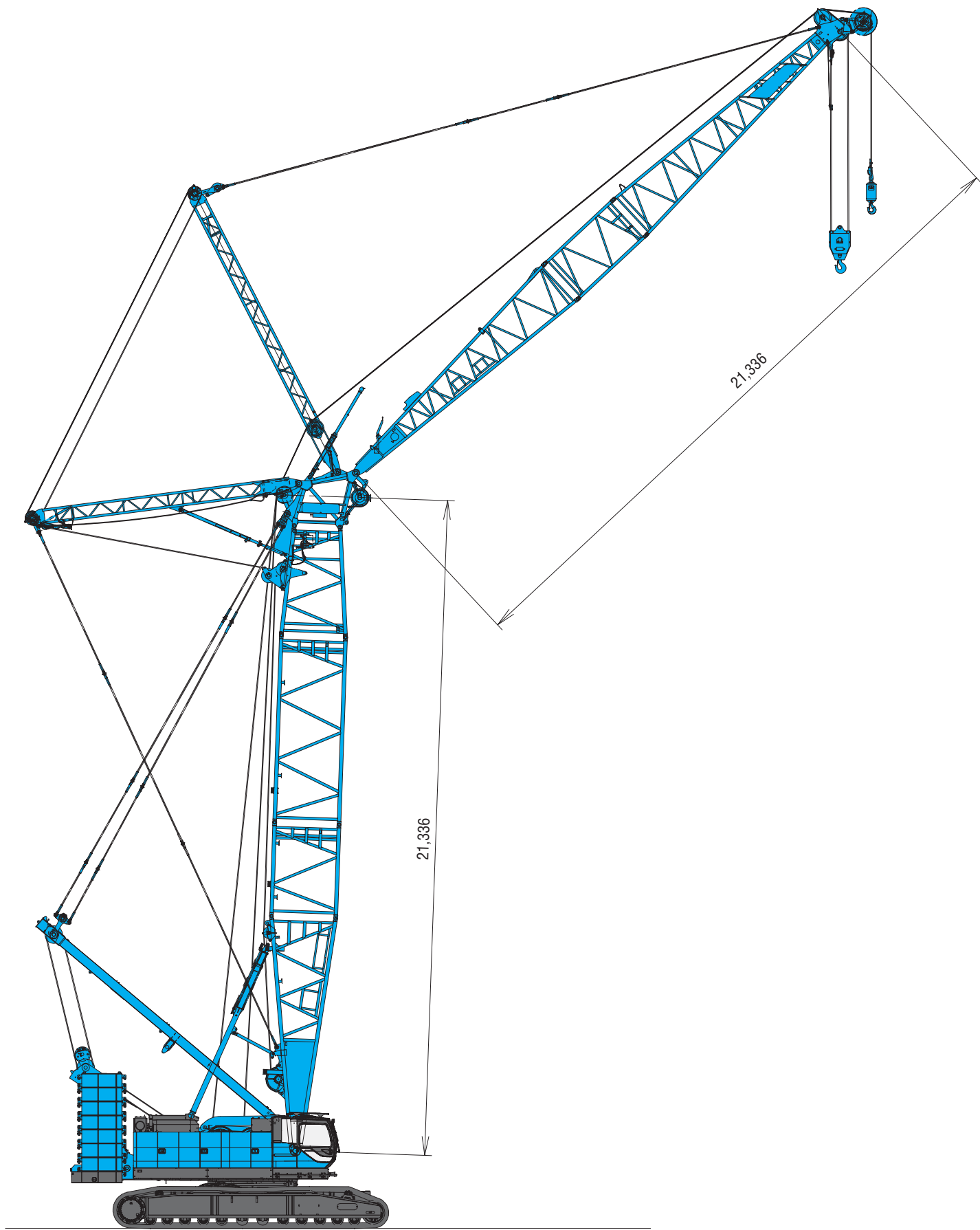


Hook	L'
13.5 t ball hook	3.8 m
13.5 t ball hook	3.5 m



Luffing Jib

(Unit: mm)





BOOM AND JIB ARRANGEMENTS

Crane Boom Arrangements

Boom length m (ft)	Boom arrangement
15.2 (50)	
18.3 (60)	
21.3 (70)	
24.4 (80)	
27.4 (90)	
30.5 (100)	
33.5 (110)	
36.6 (120)	
39.5 (130)	
42.7 (140)	
45.7 (150)	
48.8 (160)	
51.8 (170)	
54.9 (180)	
57.9 (190)	

Boom length m (ft)	Boom arrangement
61.0 (200)	
64.0 (210)	
67.1 (220)	
70.1 (230)	
73.2 (240)	
76.2 (250)	
79.3 (260)	
82.3 (270)	
85.3 (280)	
88.4 (290)	
91.4 (300)	

Symbol	Boom Length	Remarks
	7.6 m	Boom Base
	7.6 m	Boom Top
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	12.2 m	Insert Boom

↗ mark shows the guy line installing position when the fixed jib is used.

Indicates the most flexible combination of insert booms, which can be modified to form all shorter boom arrangements.

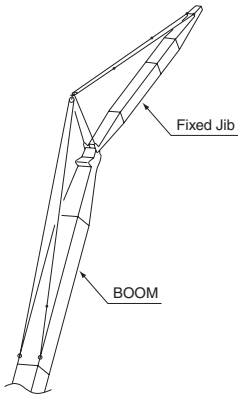


Long Boom Arrangements

Boom length m (ft)	Boom arrangement
64.0 (210)	
67.1 (220)	
70.0 (230)	
73.2 (240)	
76.2 (250)	
79.3 (260)	
82.3 (270)	
85.3 (280)	
88.4 (290)	
91.4 (300)	

Symbol	Long Boom Length	Remarks
	7.6 m	Boom Base
	9.1 m	Luffing Jib Top
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	12.2 m	Insert Boom
	4.6 m	Tapered Boom
	3.0 m	Relay Jib
	3.0 m	Luffing Insert Jib
	6.1 m	Luffing Insert Jib
	12.2 m	Luffing Insert Jib

Fixed Jib Arrangements



Crane boom length	Jib length m (ft)	Jib arrangement
27.4 m ~ 76.2 m	12.2 (40)	
	18.3 (60)	
	24.4 (80)	
	30.5 (100)	

Symbol	Jib Length	Remarks
	4.6 m	Jib Base
	4.6 m	Jib Top
	3.0 m	Insert Jib
	6.1 m	Insert Jib



BOOM AND JIB ARRANGEMENTS

Luffing Boom Arrangements for Luffing

Boom length m (ft)	Boom arrangement
21.3 (70)	
24.4 (80)	
27.4 (90)	
30.5 (100)	
33.5 (110)	
36.6 (120)	
39.6 (130)	
42.7 (140)	
45.7 (150)	

Boom length m (ft)	Boom arrangement
48.8 (160)	
51.8 (170)	
54.9 (180)	
57.9 (190)	
61.0 (200)	

Symbol	Luffing Boom Length	Remarks
	7.6 m	Boom Base
	1.0 m	Luffing Boom Top
	3.6 m	Luffing Tapered Boom
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	12.2 m	Insert Boom

Indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

Luffing Boom Arrangements for Crane

Boom length m (ft)	Boom arrangement
15.2 (50)	
18.3 (60)	
21.3 (70)	
24.4 (80)	
27.4 (90)	
30.5 (100)	
33.5 (110)	
36.6 (120)	
39.6 (130)	
42.7 (140)	
45.7 (150)	

Boom length m (ft)	Boom arrangement
48.8 (160)	
51.8 (170)	
54.9 (180)	
57.9 (190)	
61.0 (200)	

Symbol	Boom Length	Remarks
	7.6 m	Boom Base
	1.0 m	Luffing Boom Top
	3.6 m	Luffing Tapered Boom
	3.0 m	Insert Boom
	6.1 m	Insert Boom
	12.2 m	Insert Boom

Indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.



Luffing Jib Arrangements

Jib length m (ft)	Jib arrangement
21.3 (70)	
24.4 (80)	
27.4 (90)	
30.5 (100)	
33.5 (110)	
36.6 (120)	
39.6 (130)	
42.7 (140)	
45.7 (150)	

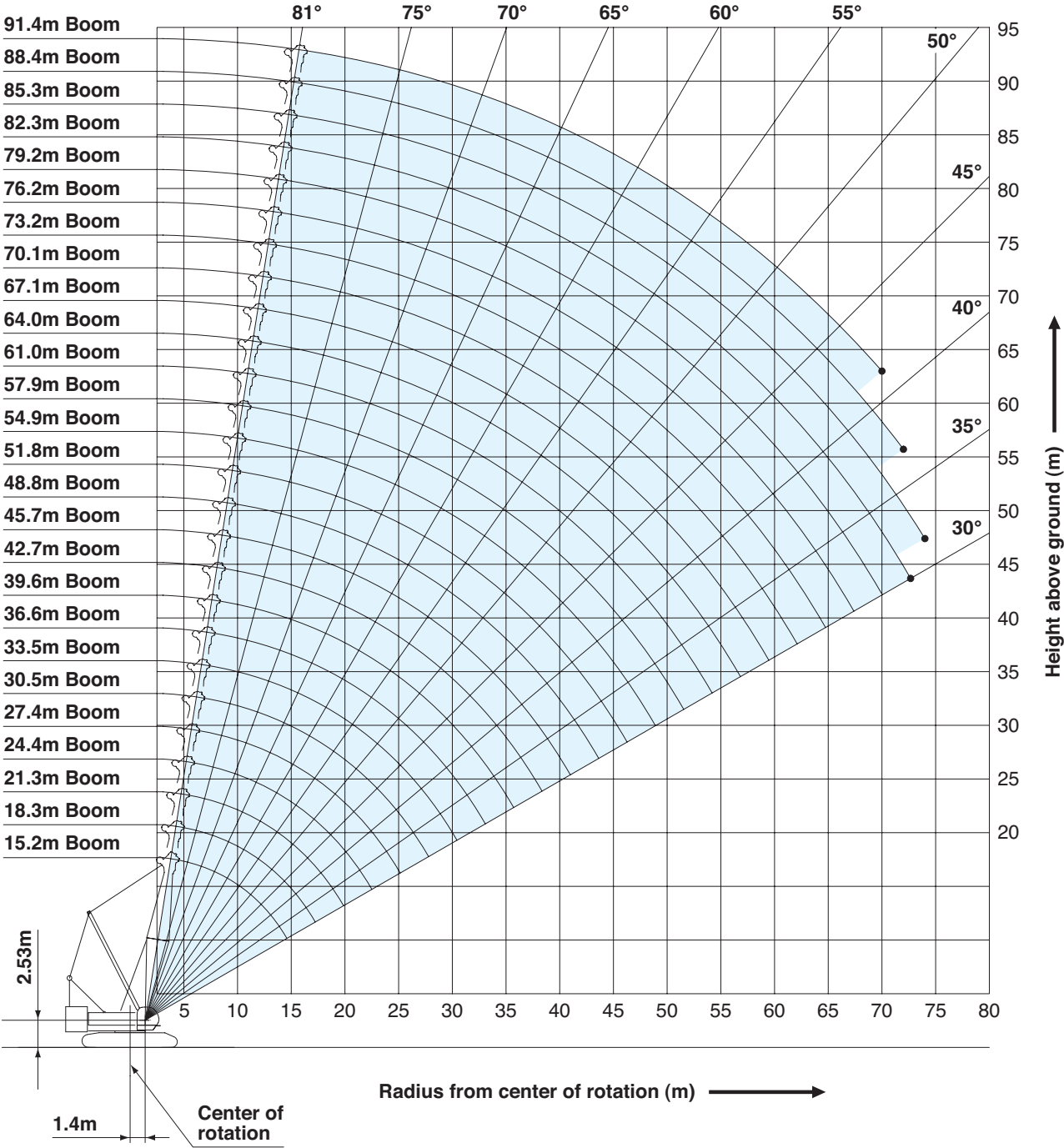
Jib length m (ft)	Jib arrangement
48.8 (160)	
51.8 (170)	
54.9 (180)	
57.9 (190)	
61.0 (200)	

Symbol	Boom Length	Remarks
	9.1 m	Luffing Jib Base
	9.1 m	Luffing Jib Top
	3.0 m	Relay Jib
	3.0 m	Luffing Insert Jib
	6.1 m	Luffing Insert Jib
	12.2 m	Luffing Insert Jib

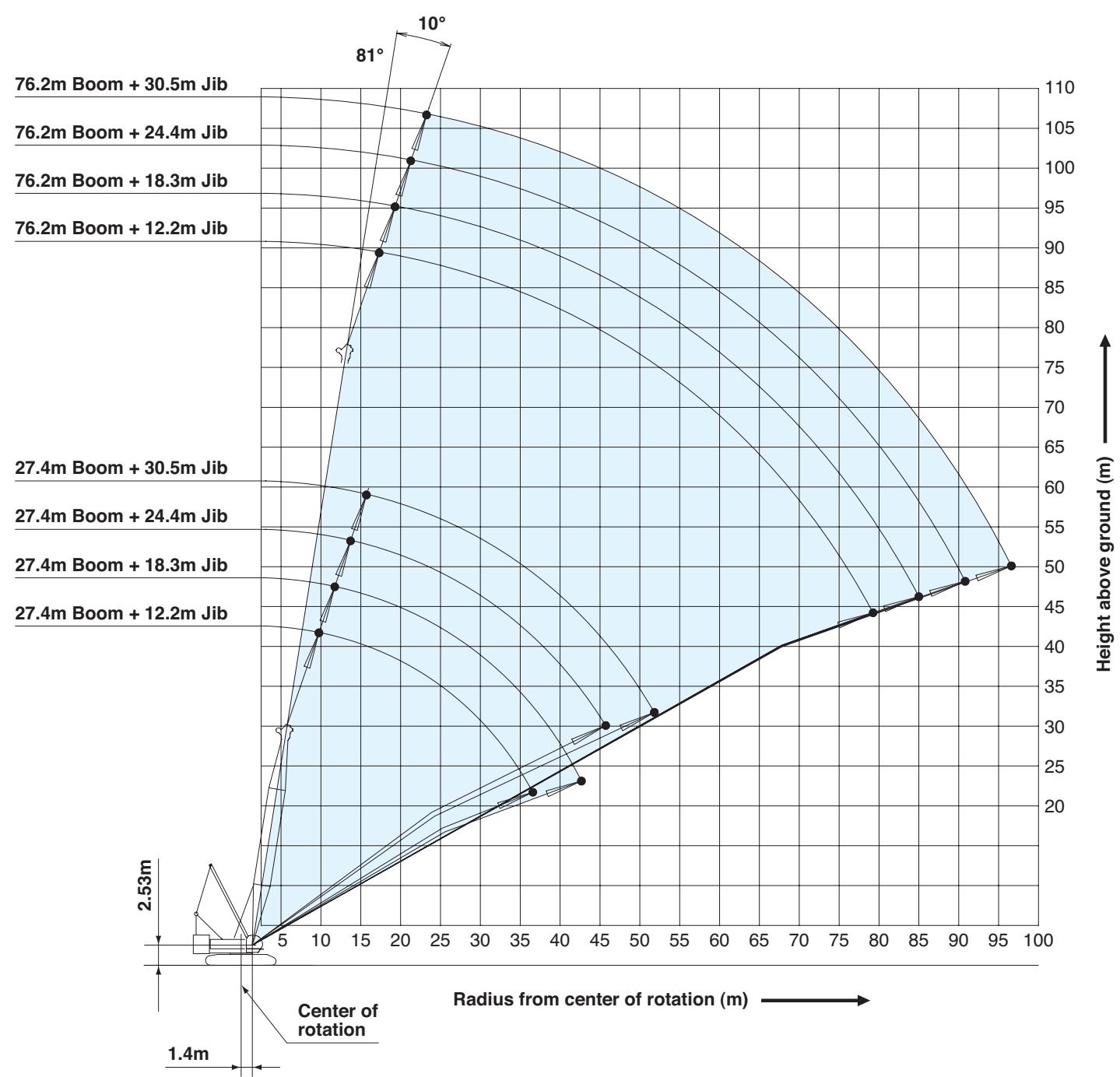
Indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.

WORKING RANGES

Crane Boom

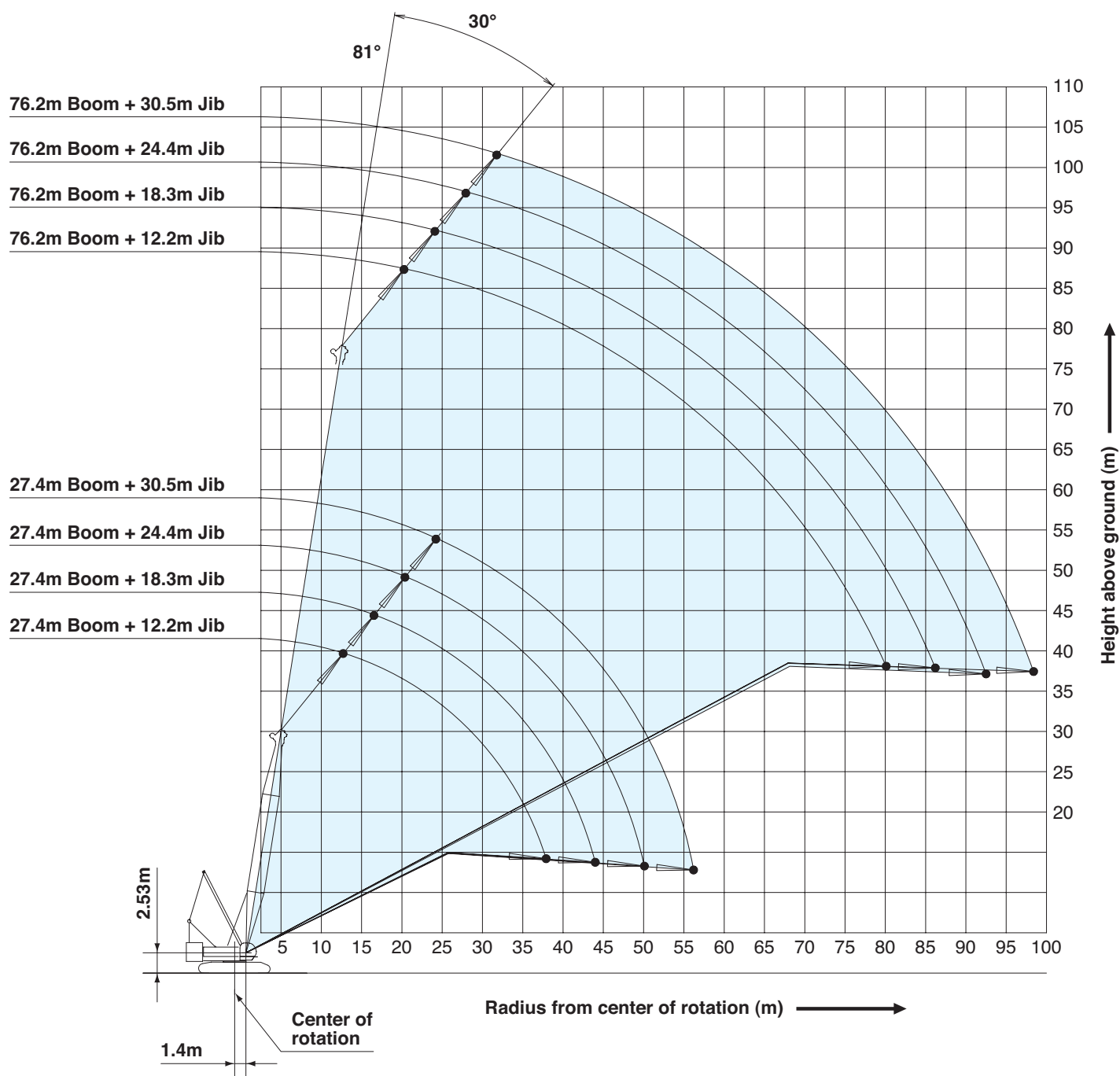


Fixed Jib 10°



WORKING RANGES

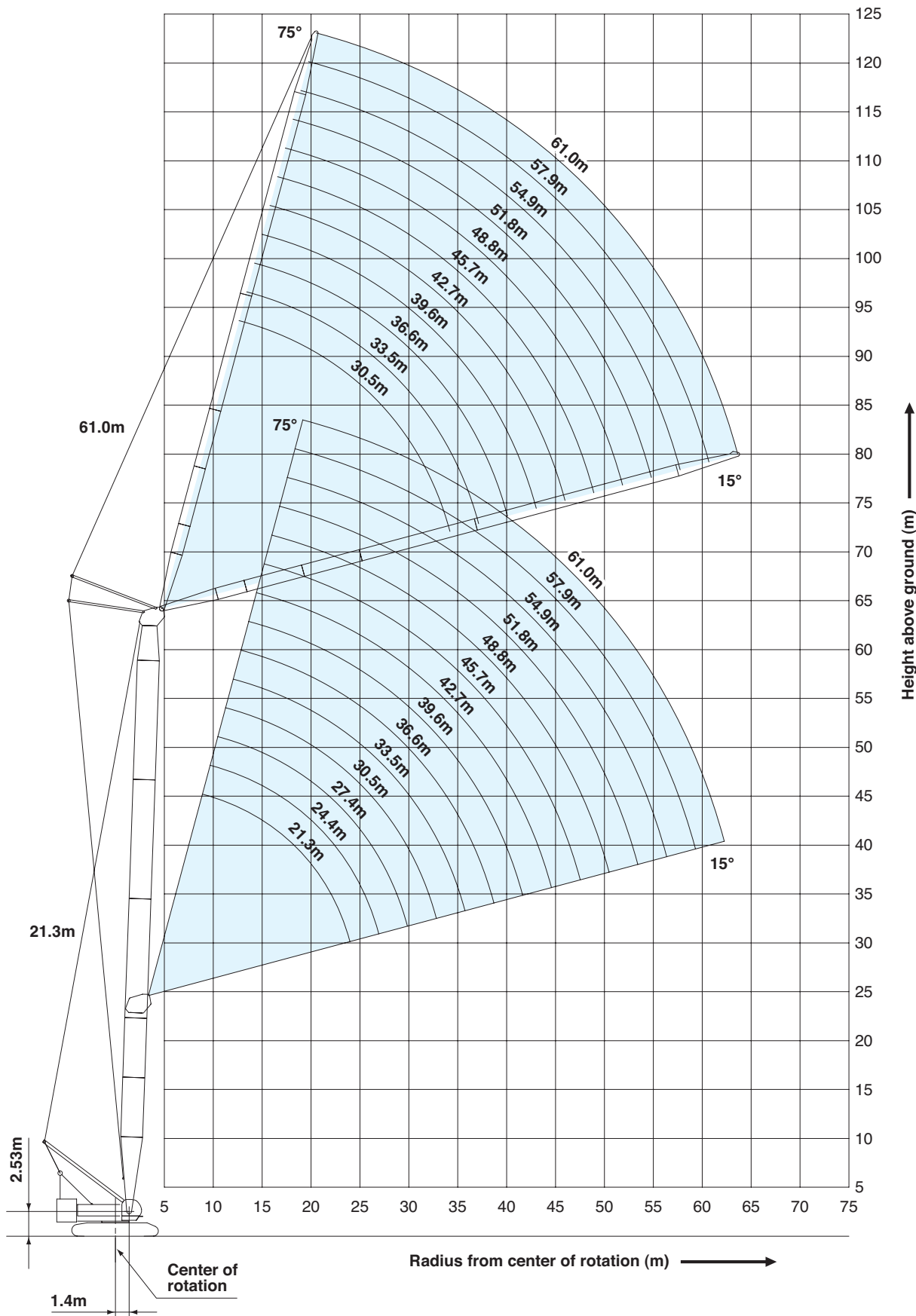
Fixed Jib 30°





Luffing Jib

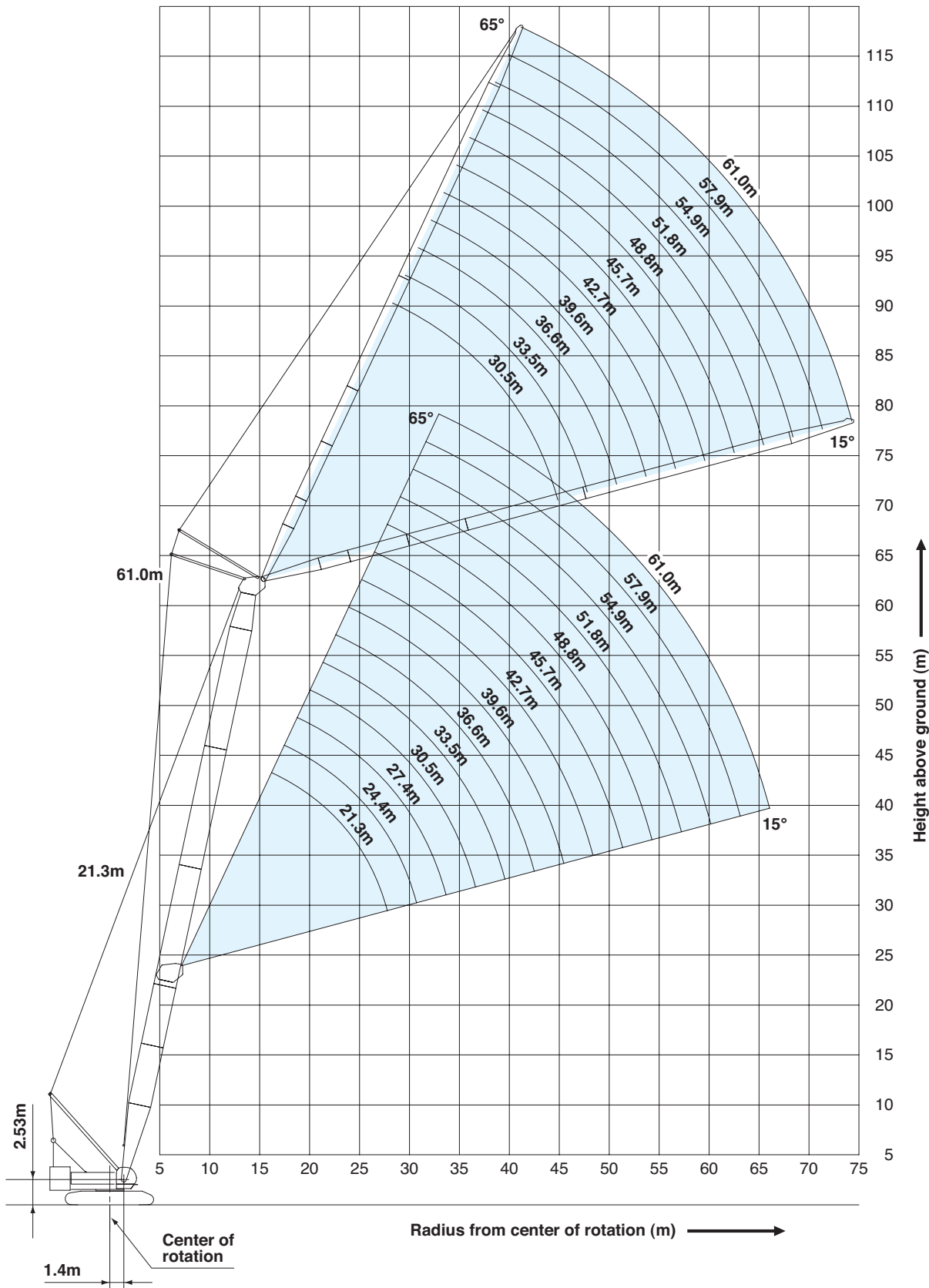
Boom Angle: 88°





WORKING RANGES

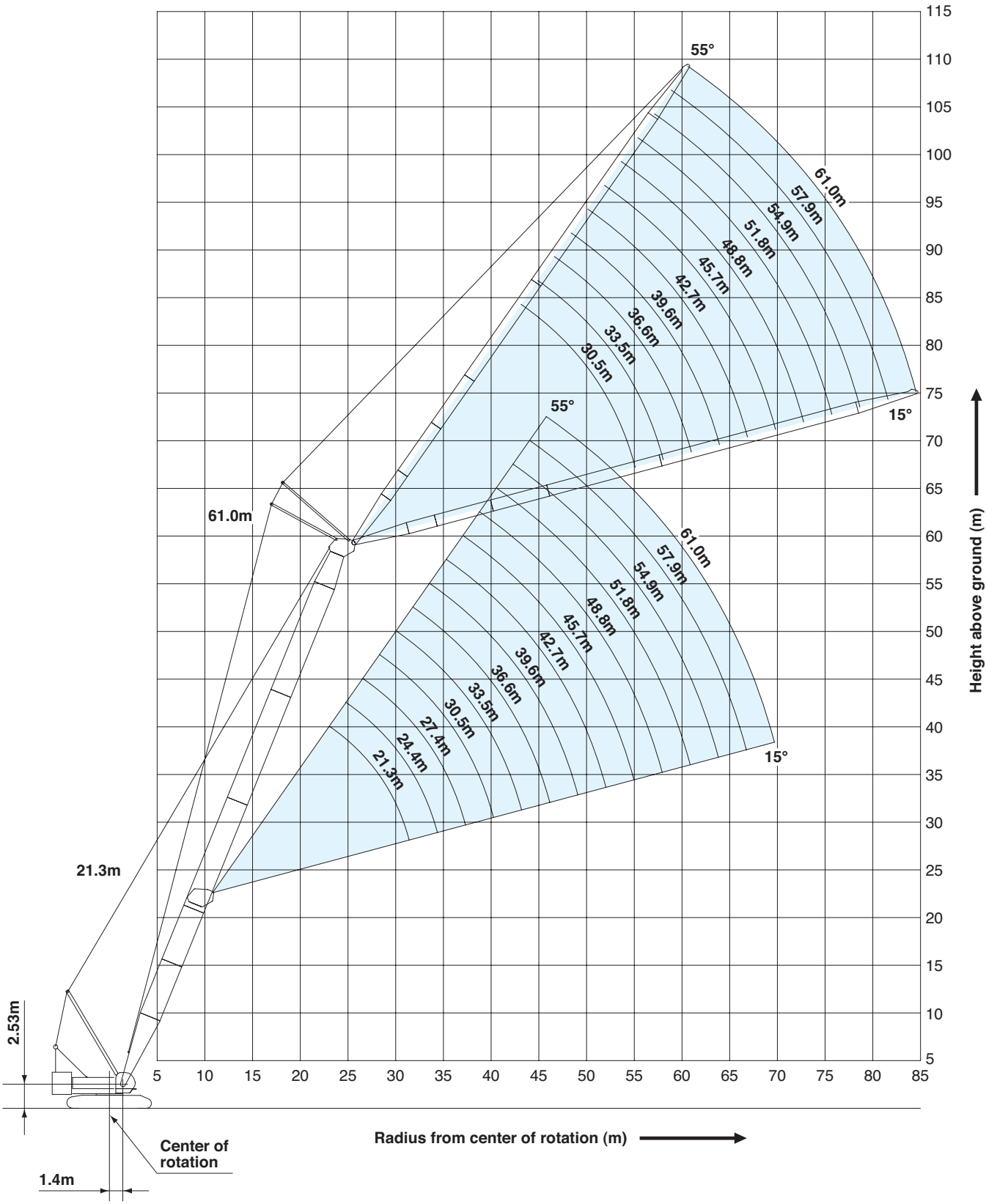
Luffing Jib Boom Angle: 78°





Luffing Jib

Boom Angle: 68°





SUPPLEMENTAL DATA

- Ratings according to EN13000.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- Deduct weight of hook block (s), slings and all other load handling accessories from main boom ratings shown.
- Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions, out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment.
The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
- Ratings are for operation on a firm and level surface, up to 1 % gradient.
- At radii and boom lengths where no ratings are shown on chart, Operation is not intended nor approved.
- Boom inserts and guy lines must be arranged as shown in the "operator's manual".
- Boom hoist reeving is 16 part line.
- Gantry must be in raised position for all conditions.
- Boom backstops are required for all boom lengths.
- The boom should be erected over the front of the crawlers, not laterally.
- Ratings inside of boxes are limited by strength of materials.
- The minimum rated load is 2.4 (ton).
- When erecting and lowering the standard boom length of 88.4 m or over and boom length of 76.2 m with fixed jib, the blocks for erection must be placed at the end of the crawlers.

(Main boom)

- The total load that can be lifted is the value for weight of hook block, slings, and all other load handling accessories deducted from main boom ratings shown.

(Main boom with auxiliary sheave frame)

- The total load that can be lifted is the value for weight of main hook block, slings, and all other load handling accessories deducted from main boom with auxiliary sheave ratings shown.

(Auxiliary sheave)

- The total load that can be lifted is the value for weight of auxiliary sheave hook block, slings, and all other load handling accessories deducted from auxiliary sheave ratings shown.
- Standard boom lengths for auxiliary sheave mounting are 15.2 m to 88.4 m.
- Luffing boom lengths for auxiliary sheave mounting are 15.2 m to 61.0 m.
- Long boom lengths for auxiliary sheave mounting are 64.0 m to 91.4 m.

Main hoist loads

No. of Parts of Line	1	2	3	4	5
Maximum Loads (kN)	132	265	397	530	662
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5

No. of Parts of Line	6	7	8	10	12
Maximum Loads (kN)	794	927	1,059	1,324	1,569
Maximum Loads (t)	81.0	94.5	108.0	135.0	160.0

No. of Parts of Line	14	16	18	20	22
Maximum Loads (kN)	1,795	2,010	2,226	2,354	2,452
Maximum Loads (t)	183.0	205.0	227.0	240.0	250.0

Auxiliary hoist loads

No. of Parts of Line	1	2
Maximum Loads (kN)	132	265
Maximum Loads (t)	13.5	27.0

Weight of hook block						
Hook Block	250 t	150 t	100 t	70 t	35 t	13.5 t Ball Hook
Weight (t)	4.2	2.3	1.8	1.2	0.9	0.45

(Main boom with fixed jib)

- The total load that can be lifted is the value for weight of main hook block, slings, and all other load handling accessories deducted from main boom with fixed jib ratings shown.
- Standard boom lengths for fixed jib mounting are 27.4 m to 76.2 m.

(Fixed jib)

- The total load that can be lifted is the value for weight of jib hook block, slings, and all other load handling accessories deducted from fixed jib ratings shown.
- Standard boom lengths for fixed jib mounting are 27.4 m to 76.2 m.
- One part of line on hook is not allowed to use for 12.2 m jib length with offset angle 10 degrees.

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.
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LIFTING CAPACITIES

 Crane Boom Lifting Capacities Counterweight: 90.4 t Carbody Weight: 27.5 t Unit: metric ton														
Boom Length (m) Working Radius (m)	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	Boom Length (m) Working Radius (m)
4.6	4.6m/250.0													4.6
5.0	230.7	5.0m/226.7	5.5m/205.0											5.0
6.0	191.5	191.5	191.1	6.1m/183.0	6.6m/174.5									6.0
7.0	165.9	165.6	165.2	165.0	164.7	7.1m/154.2	7.7m/143.8							7.0
8.0	146.1	145.8	145.4	145.2	144.9	144.6	141.4	8.2m/127.3	8.7m/115.7					8.0
9.0	130.4	130.1	129.8	129.6	129.2	127.0	127.3	123.8	114.8	9.2m/107.2	9.8m/98.3			9.0
10.0	117.7	117.4	117.1	116.9	114.7	115.0	113.3	110.5	107.4	103.8	97.0	10.3m/92.6	10.8m/84.7	10.0
12.0	90.0	90.2	90.2	90.2	90.2	90.1	90.0	89.9	87.8	85.9	83.8	82.0	79.5	12.0
14.0	72.2	72.4	72.4	72.4	72.3	72.2	72.1	72.0	72.0	72.0	70.8	69.4	68.0	14.0
16.0	14.8m/65.7	60.2	60.2	60.2	60.0	59.9	59.8	59.8	59.7	59.6	59.4	59.3	58.7	16.0
18.0		17.5m/53.5	51.3	51.3	51.1	51.1	50.9	50.8	50.7	50.7	50.4	50.3	50.2	18.0
20.0			44.6	44.6	44.4	44.3	44.1	44.0	43.9	43.9	43.6	43.5	43.4	20.0
22.0			20.1m/44.3	39.3	39.1	39.0	38.7	38.7	38.6	38.5	38.3	38.2	38.0	22.0
24.0				22.7m/37.6	34.8	34.7	34.5	34.4	34.3	34.2	34.0	33.8	33.7	24.0
26.0					25.4m/32.3	31.3	30.9	30.8	30.7	30.7	30.4	30.3	30.1	26.0
28.0						28.0m/28.3	28.0	27.9	27.8	27.7	27.4	27.3	27.1	28.0
30.0							25.5	25.4	25.2	25.2	24.9	24.8	24.6	30.0
32.0							30.7m/24.8	23.4	23.1	23.0	22.7	22.6	22.4	32.0
34.0								33.3m/22.1	21.2	21.1	20.8	20.7	20.5	34.0
36.0									35.9m/19.7	19.5	19.2	19.1	18.9	36.0
38.0										18.0	17.7	17.6	17.4	38.0
40.0										38.6m/17.6	16.4	16.3	16.1	40.0
42.0											41.2m/15.7	15.2	14.9	42.0
44.0												43.9m/14.2	13.9	44.0
46.0													13.0	46.0
48.0													46.5m/12.8	48.0
Reeves	22	18	16	14	14	12	12	10	10	8	8	7	7	Reeves

Boom Length (m) Working Radius (m)	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2	79.3	82.3	85.3	88.4	91.4	Boom Length (m) Working Radius (m)
10.0	11.4m/81.4	11.9m/76.1												10.0
12.0	78.0	75.5	12.4m/68.8	12.9m/67.5	13.5m/63.8									12.0
14.0	66.5	65.2	63.3	62.5	61.3	14.0m/59.4	14.5m/54.5	15.1m/49.1	15.6m/44.7					14.0
16.0	57.5	56.4	55.4	54.2	53.2	51.2	51.1	48.4	44.5	16.1m/40.9	16.6m/37.4	17.2m/33.8	17.7m/31.0	16.0
18.0	50.0	49.5	48.6	47.6	46.8	45.6	44.9	44.2	43.2	39.7	36.6	33.3	30.9	18.0
20.0	43.2	43.0	42.9	42.2	41.5	40.6	39.9	39.2	38.4	37.6	35.4	32.2	29.8	20.0
22.0	37.8	37.7	37.5	37.3	37.2	36.5	35.7	35.1	34.4	33.6	32.9	31.2	28.8	22.0
24.0	33.5	33.3	33.2	32.9	32.9	32.6	32.2	31.6	30.9	30.2	29.6	29.2	27.7	24.0
26.0	29.9	29.7	29.6	29.4	29.3	29.0	28.9	28.6	28.0	27.3	26.8	26.3	25.7	26.0
28.0	26.9	26.8	26.6	26.4	26.3	26.0	25.9	25.8	25.4	24.8	24.3	23.9	23.3	28.0
30.0	24.4	24.2	24.1	23.8	23.7	23.5	23.3	23.2	23.0	22.6	22.1	21.7	21.2	30.0
32.0	22.2	22.0	21.9	21.6	21.5	21.3	21.1	21.0	20.8	20.5	20.2	19.8	19.3	32.0
34.0	20.3	20.1	20.0	19.7	19.6	19.4	19.2	19.1	18.9	18.6	18.4	18.1	17.6	34.0
36.0	18.6	18.5	18.3	18.1	17.9	17.7	17.5	17.4	17.2	16.9	16.8	16.6	16.1	36.0
38.0	17.2	17.0	16.9	16.6	16.5	16.2	16.0	15.9	15.7	15.4	15.3	15.2	14.7	38.0
40.0	15.9	15.7	15.5	15.3	15.2	14.9	14.7	14.6	14.4	14.1	13.9	13.8	13.5	40.0
42.0	14.7	14.5	14.4	14.1	14.0	13.7	13.5	13.4	13.2	12.9	12.8	12.7	12.4	42.0
44.0	13.7	13.5	13.3	13.0	12.9	12.6	12.5	12.3	12.1	11.8	11.7	11.6	11.3	44.0
46.0	12.7	12.5	12.4	12.1	12.0	11.7	11.5	11.4	11.2	10.9	10.7	10.6	10.4	46.0
48.0	11.9	11.6	11.5	11.2	11.1	10.8	10.7	10.5	10.3	10.0	9.8	9.7	9.4	48.0
50.0	49.1m/11.4	10.9	10.7	10.4	10.3	10.0	9.9	9.7	9.5	9.1	8.9	8.8	8.5	50.0
52.0		51.8m/10.2	10.0	9.7	9.6	9.3	9.1	8.9	8.7	8.3	8.1	8.0	7.7	52.0
54.0			9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.6	7.4	7.2	7.0	54.0
56.0			54.4m/9.2	8.4	8.3	7.9	7.7	7.5	7.2	6.9	6.7	6.5	6.3	56.0
58.0				57.1m/8.1	7.7	7.3	7.1	6.9	6.6	6.3	6.1	5.9	5.6	58.0
60.0					59.7m/7.2	6.7	6.5	6.3	6.0	5.7	5.5	5.3	5.0	60.0
62.0						6.2	6.0	5.8	5.5	5.1	4.9	4.8	4.5	62.0
64.0						62.3m/6.1	5.5	5.3	5.0	4.6	4.4	4.3	4.0	64.0
66.0							65.0m/5.3	4.8	4.5	4.2	4.0	3.8	3.5	66.0
68.0								67.6m/4.5	4.1	3.7	3.5	3.3	2.9	68.0
70.0									3.7	3.3	3.1	2.9	2.4	70.0
72.0									70.2m/3.6	2.9	2.7	2.5		72.0
74.0										72.9m/2.8	2.4			74.0
Reeves	7	6	6	5	5	5	5	4	4	4	3	3	3	Reeves

Note:Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES

Fixed Jib Lifting Capacities (Without Main Hook Block)

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		27.4				30.5				33.5				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	10.0	10.4m/27.0				11.0m/26.4				11.5m/26.5				10.0
	12.0	25.5	12.5m/21.2			25.9	13.1m/21.2			26.3	13.6m/21.2			12.0
	14.0	24.3	20.4	14.6m/12.1		24.7	20.7	15.1m/12.1		25.1	21.0	15.7m/12.1		14.0
	16.0	23.0	19.3	11.8	16.7m/6.8	23.7	19.7	11.9	17.2m/6.8	24.1	20.0	12.1	17.8m/6.7	16.0
	18.0	21.8	18.4	11.2	6.5	22.7	18.8	11.4	6.6	23.2	19.1	11.6	6.7	18.0
	20.0	20.7	17.5	10.7	6.2	21.9	17.9	10.9	6.3	22.3	18.3	11.1	6.4	20.0
	22.0	19.8	16.8	10.3	5.9	21.0	17.2	10.5	6.0	21.5	17.6	10.7	6.1	22.0
	24.0	18.9	16.1	9.9	5.6	20.2	16.5	10.1	5.7	20.7	16.9	10.3	5.8	24.0
	26.0	18.1	15.4	9.4	5.3	19.5	15.9	9.7	5.5	20.0	16.3	9.9	5.6	26.0
	28.0	17.3	14.3	9.1	5.1	18.7	15.1	9.3	5.2	19.4	15.7	9.5	5.3	28.0
	30.0	16.7	13.4	8.7	4.9	17.9	14.1	8.9	5.0	18.7	14.8	9.2	5.1	30.0
	32.0	16.1	12.6	8.4	4.7	17.2	13.3	8.6	4.8	18.0	13.9	8.8	4.9	32.0
	34.0	15.5	11.9	8.1	4.5	16.4	12.5	8.3	4.6	17.3	13.2	8.5	4.7	34.0
	36.0	14.9	11.3	7.8	4.3	15.7	11.9	8.0	4.4	16.6	12.5	8.3	4.5	36.0
	38.0	37.1m/14.5	10.7	7.6	4.2	15.0	11.3	7.8	4.3	15.8	11.9	8.0	4.4	38.0
	40.0		10.3	7.3	4.0	39.8m/14.5	10.8	7.6	4.1	15.1	11.3	7.8	4.2	40.0
	42.0		9.8	7.1	3.9		10.3	7.3	4.0	14.6	10.8	7.5	4.1	42.0
	44.0		42.9m/9.7	6.9	3.8		9.9	7.1	3.9	42.4m/14.5	10.4	7.3	4.0	44.0
	46.0			6.8	3.7		45.5m/9.7	7.0	3.8		10.0	7.1	3.8	46.0
	48.0			6.6	3.6			6.8	3.7		9.7	7.0	3.8	48.0
	50.0			48.6m/6.6	3.5			6.6	3.6		48.2m/9.7	6.8	3.7	50.0
	52.0				3.3			51.2m/6.6	3.5			6.7	3.6	52.0
	54.0				3.2				3.4			53.9m/6.6	3.5	54.0
	56.0				54.3m/3.1				3.2				3.4	56.0
	58.0								57.0m/3.0				3.2	58.0
	60.0												59.6m/3.0	60.0
	Reeves	2	2	1	1	2	2	1	1	2	2	1	1	Reeves

36.6

39.6

42.7

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.



Fixed Jib Lifting Capacities (Without Main Hook Block) Counterweight: 90.4 t Carbody Weight: 27.5 t Unit: metric ton													Jib Offset Angle : 10°	
Boom length (m)		45.7				48.8				51.8				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	12.0	13.6m/26.5												12.0
	14.0	26.3	15.7m/21.2			14.1m/26.5				14.7m/26.5				14.0
	16.0	25.4	21.0	17.8m/12.1		25.7	16.2m/21.2			25.9	16.8m/21.2			16.0
	18.0	24.6	20.2	12.1	19.9m/6.7	24.9	20.5	18.3m/12.1		25.1	20.7	18.8m/12.1		18.0
	20.0	23.8	19.5	11.6	6.7	24.1	19.7	11.8	20.4m/6.7	24.4	19.9	11.9	20.9m/6.8	20.0
	22.0	23.0	18.8	11.3	6.4	23.2	19.0	11.4	6.5	23.5	19.3	11.5	6.6	22.0
	24.0	22.2	18.1	10.9	6.2	22.4	18.4	11.0	6.3	22.8	18.6	11.1	6.3	24.0
	26.0	21.5	17.5	10.5	5.9	21.6	17.8	10.7	6.0	22.1	18.1	10.8	6.1	26.0
	28.0	20.7	17.0	10.2	5.7	20.9	17.3	10.4	5.8	21.5	17.5	10.5	5.9	28.0
	30.0	20.0	16.5	9.9	5.5	20.3	16.8	10.1	5.6	20.9	17.0	10.2	5.7	30.0
	32.0	19.3	16.0	9.6	5.3	19.7	16.3	9.8	5.4	20.3	16.6	9.9	5.5	32.0
	34.0	18.6	15.6	9.3	5.1	19.1	15.8	9.5	5.2	19.7	16.1	9.6	5.3	34.0
	36.0	17.8	14.8	9.0	5.0	18.5	15.3	9.2	5.0	19.2	15.7	9.3	5.1	36.0
	38.0	17.1	14.0	8.8	4.8	17.8	14.6	8.9	4.9	17.7	15.1	9.1	5.0	38.0
	40.0	16.3	13.4	8.5	4.6	16.7	13.9	8.7	4.7	16.4	14.4	8.8	4.8	40.0
	42.0	15.5	12.8	8.3	4.5	15.5	13.3	8.5	4.6	15.2	13.8	8.6	4.7	42.0
	44.0	14.6	12.3	8.1	4.4	14.4	12.8	8.2	4.5	14.1	13.2	8.4	4.5	44.0
	46.0	13.6	11.8	7.9	4.2	13.4	12.3	8.0	4.3	13.1	12.7	8.2	4.4	46.0
	48.0	12.7	11.4	7.7	4.1	12.5	11.8	7.8	4.2	12.2	12.2	8.0	4.3	48.0
	50.0	11.9	11.0	7.5	4.0	11.7	11.4	7.7	4.1	11.4	11.8	7.8	4.2	50.0
	52.0	11.2	10.6	7.3	3.9	11.0	11.0	7.5	4.0	10.7	11.1	7.6	4.1	52.0
	54.0	53.0m/10.9	10.3	7.2	3.8	10.3	10.7	7.3	3.9	10.0	10.4	7.5	4.0	54.0
	56.0		10.0	7.0	3.8	55.6m/9.8	10.0	7.2	3.8	9.4	9.8	7.3	3.9	56.0
	58.0		9.7	6.9	3.7		9.5	7.0	3.7	8.8	9.2	7.2	3.8	58.0
	60.0		58.7m/9.6	6.8	3.6		8.9	6.9	3.7	58.3m/8.7	8.6	7.1	3.7	60.0
	62.0			6.7	3.5		61.4m/8.6	6.8	3.6		8.1	6.9	3.7	62.0
	64.0			6.6	3.4			6.7	3.5		64.0m/7.7	6.8	3.6	64.0
	66.0			64.4m/6.5	3.4			6.6	3.5			6.7	3.5	66.0
	68.0				3.3			67.1m/6.5	3.4			6.6	3.5	68.0
	70.0				3.1				3.4			69.7m/6.5	3.4	70.0
	72.0				70.2m/3.1				3.2				3.4	72.0
	74.0								72.8m/3.1				3.2	74.0
	76.0												75.4m/3.0	76.0
Reeves		2	2	1	1	2	2	1	1	2	2	1	1	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.

LIFTING CAPACITIES



Fixed Jib Lifting Capacities (Without Main Hook Block)

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

Unit: metric ton

Boom length (m)		54.9				57.9				61.0				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	14.0	15.2m/26.4				15.7m/26.5								14.0
	16.0	26.2	17.3m/21.1			26.4	17.8m/21.1			16.3m/26.5				16.0
	18.0	25.4	20.9	19.4m/12.1		25.6	21.1	19.9m/12.1		25.8	18.3m/21.1			18.0
	20.0	24.7	20.2	12.0	21.5m/6.8	24.9	20.4	12.1		25.1	20.6	20.4m/12.1		20.0
	22.0	23.9	19.5	11.6	6.7	24.1	19.7	11.7	22.0m/6.7	24.5	19.9	11.8	22.5m/6.7	22.0
	24.0	23.2	18.9	11.3	6.4	23.4	19.1	11.4	6.5	23.7	19.3	11.5	6.5	24.0
	26.0	22.5	18.3	10.9	6.2	22.8	18.5	11.0	6.2	23.1	18.8	11.1	6.3	26.0
	28.0	21.9	17.8	10.6	6.0	22.2	18.0	10.7	6.0	22.5	18.2	10.9	6.1	28.0
	30.0	21.3	17.3	10.3	5.8	21.6	17.5	10.5	5.8	21.9	17.7	10.6	5.9	30.0
	32.0	20.7	16.8	10.1	5.6	21.0	17.1	10.2	5.6	21.3	17.3	10.3	5.7	32.0
	34.0	20.1	16.4	9.8	5.4	20.3	16.6	9.9	5.5	20.1	16.8	10.0	5.5	34.0
	36.0	18.9	16.0	9.5	5.2	18.6	16.2	9.6	5.3	18.4	16.4	9.8	5.4	36.0
	38.0	17.4	15.6	9.2	5.1	17.1	15.8	9.4	5.1	16.9	16.1	9.5	5.2	38.0
	40.0	16.1	14.9	9.0	4.9	15.8	15.4	9.1	5.0	15.6	15.7	9.3	5.1	40.0
	42.0	14.9	14.2	8.8	4.8	14.6	14.7	8.9	4.8	14.4	14.8	9.1	4.9	42.0
	44.0	13.8	13.7	8.6	4.6	13.5	13.9	8.7	4.7	13.3	13.8	8.8	4.8	44.0
	46.0	12.8	13.1	8.3	4.5	12.5	13.0	8.5	4.6	12.3	12.8	8.6	4.7	46.0
	48.0	12.0	12.3	8.2	4.4	11.6	12.1	8.3	4.4	11.4	11.9	8.4	4.5	48.0
	50.0	11.1	11.6	8.0	4.3	10.8	11.2	8.1	4.3	10.6	11.1	8.3	4.4	50.0
	52.0	10.4	10.8	7.8	4.2	10.1	10.5	7.9	4.3	9.9	10.3	8.1	4.3	52.0
	54.0	9.7	10.1	7.6	4.1	9.4	9.8	7.8	4.1	9.2	9.6	7.9	4.2	54.0
	56.0	9.1	9.5	7.5	4.0	8.8	9.2	7.6	4.0	8.6	9.0	7.8	4.1	56.0
	58.0	8.5	8.9	7.3	3.9	8.2	8.6	7.5	3.9	8.0	8.4	7.6	4.0	58.0
	60.0	8.0	8.3	7.2	3.8	7.6	8.0	7.3	3.9	7.4	7.8	7.5	3.9	60.0
	62.0	60.9m/7.8	7.8	7.1	3.7	7.1	7.5	7.2	3.8	6.9	7.3	7.3	3.9	62.0
	64.0		7.4	6.9	3.7	63.5m/6.8	7.0	7.1	3.7	6.5	6.8	7.2	3.8	64.0
	66.0		6.9	6.8	3.6		6.6	7.0	3.7	6.0	6.4	6.9	3.7	66.0
	68.0		66.6m/6.8	6.7	3.5		6.2	6.6	3.6	66.2m/6.0	6.0	6.5	3.6	68.0
	70.0			6.5	3.5		69.3m/5.9	6.2	3.5		5.6	6.0	3.6	70.0
	72.0			6.2	3.4			5.8	3.5		71.9m/5.2	5.7	3.5	72.0
	74.0			72.4m/6.1	3.4			5.5	3.4			5.3	3.5	74.0
	76.0				3.3			75.0m/5.3	3.4			5.0	3.4	76.0
	78.0				3.2				3.3			77.6m/4.7	3.4	78.0
	80.0				78.1m/3.2				3.2				3.3	80.0
	82.0								80.7m/3.1				3.3	82.0
	84.0												83.4m/3.0	84.0
Reeves		2	2	1	1	2	2	1	1	2	2	1	1	Reeves

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.

12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.



Fixed Jib Lifting Capacities (Without Main Hook Block)
Jib Offset Angle : 10°

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		64.0				67.1				70.1				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	16.0	16.8m/26.5				17.3m/26.4				17.9m/26.4				16.0
	18.0	26.0	18.9m/21.1			26.2	19.4m/21.1			26.4	19.9m/21.1			18.0
	20.0	25.3	20.7	21.0m/12.1		25.5	20.9	21.5m/12.1		25.7	21.1			20.0
	22.0	24.7	20.1	11.9	23.0m/6.7	24.9	20.3	12.0	23.6m/6.7	25.1	20.5	22.0m/12.0		22.0
	24.0	24.1	19.5	11.6	6.6	24.3	19.7	11.7	6.6	24.5	19.9	11.7	24.1m/6.7	24.0
	26.0	23.5	19.0	11.3	6.4	23.8	19.2	11.3	6.4	24.0	19.3	11.4	6.5	26.0
	28.0	23.0	18.4	11.0	6.2	23.1	18.6	11.1	6.2	23.4	18.8	11.1	6.3	28.0
	30.0	22.4	18.0	10.7	6.0	22.4	18.2	10.8	6.0	23.0	18.4	10.8	6.1	30.0
	32.0	21.7	17.5	10.4	5.8	21.4	17.7	10.5	5.9	20.9	17.9	10.6	5.9	32.0
	34.0	19.8	17.1	10.2	5.6	19.5	17.3	10.3	5.7	19.2	17.5	10.3	5.7	34.0
	36.0	18.1	16.7	9.9	5.4	17.8	16.9	10.0	5.5	17.5	17.1	10.1	5.6	36.0
	38.0	16.6	16.3	9.7	5.3	16.3	16.5	9.8	5.4	16.0	16.5	9.9	5.4	38.0
	40.0	15.3	15.7	9.4	5.1	15.0	15.5	9.5	5.2	14.7	15.2	9.6	5.3	40.0
	42.0	14.1	14.5	9.2	5.0	13.8	14.3	9.3	5.1	13.5	14.0	9.4	5.1	42.0
	44.0	13.0	13.5	9.0	4.9	12.7	13.2	9.1	4.9	12.4	12.9	9.2	5.0	44.0
	46.0	12.0	12.5	8.8	4.7	11.7	12.2	8.9	4.8	11.4	11.9	9.0	4.9	46.0
	48.0	11.1	11.6	8.6	4.6	10.9	11.3	8.7	4.7	10.5	11.0	8.8	4.8	48.0
	50.0	10.3	10.7	8.4	4.5	10.0	10.5	8.5	4.6	9.7	10.2	8.6	4.6	50.0
	52.0	9.6	10.0	8.2	4.4	9.3	9.7	8.3	4.4	9.0	9.4	8.4	4.5	52.0
	54.0	8.9	9.3	8.0	4.3	8.6	9.0	8.2	4.3	8.3	8.7	8.3	4.4	54.0
	56.0	8.2	8.7	7.9	4.2	8.0	8.4	8.0	4.3	7.6	8.1	8.1	4.3	56.0
	58.0	7.7	8.1	7.7	4.1	7.4	7.8	7.9	4.2	7.1	7.5	8.0	4.2	58.0
	60.0	7.1	7.5	7.6	4.0	6.8	7.2	7.7	4.1	6.5	6.9	7.5	4.2	60.0
	62.0	6.6	7.0	7.5	3.9	6.3	6.7	7.3	4.0	6.0	6.4	7.0	4.1	62.0
	64.0	6.1	6.5	7.0	3.9	5.9	6.2	6.8	3.9	5.5	5.9	6.5	4.0	64.0
	66.0	5.7	6.1	6.6	3.8	5.4	5.8	6.3	3.8	5.1	5.5	6.0	3.9	66.0
	68.0	5.3	5.7	6.2	3.7	5.0	5.4	5.9	3.8	4.7	5.1	5.6	3.8	68.0
	70.0	68.8m/5.1	5.3	5.7	3.6	4.6	5.0	5.5	3.7	4.3	4.7	5.2	3.8	70.0
	72.0		4.9	5.4	3.6	71.5m/4.4	4.6	5.1	3.7	3.9	4.3	4.8	3.7	72.0
	74.0		4.6	5.0	3.5		4.3	4.7	3.6	3.6	3.9	4.4	3.6	74.0
	76.0		74.6m/4.5	4.7	3.5		3.9	4.4	3.5	74.1m/3.6	3.6	4.1	3.6	76.0
	78.0			4.3	3.4		77.2m/3.8	4.1	3.5		3.3	3.8	3.5	78.0
	80.0			4.0	3.4			3.8	3.4		79.8m/3.0	3.5	3.4	80.0
	82.0			80.3m/4.0	3.4			3.5	3.4			3.2	3.3	82.0
	84.0				3.3			82.9m/3.3	3.3			2.9	3.1	84.0
	86.0				86.0m/3.2				3.1			85.6m/2.7	2.9	86.0
	88.0								3.0				2.7	88.0
	90.0								88.6m/2.9				2.5	90.0
	92.0												91.3m/2.3	92.0
Reeves		2	2	1	1	2	2	1	1	2	2	1	1	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.



LIFTING CAPACITIES

Fixed Jib Lifting Capacities (Without Main Hook Block) Jib Offset Angle : 10° Counterweight: 90.4 t Carbody Weight: 27.5 t Unit: metric ton											
Boom length (m)		73.2				76.2					
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5		
Working Radius (m)	18.0	18.4m/26.4				18.9m/26.4					18.0
	20.0	25.9	20.5m/21.1			26.1	21.0m/21.1				20.0
	22.0	25.3	20.6	22.5m/12.1		25.5	20.8	23.1m/12.0			22.0
	24.0	24.7	20.0	11.8	24.6m/6.7	24.9	20.2	11.9	25.2m/6.7		24.0
	26.0	24.2	19.5	11.5	6.5	24.4	19.7	11.6	6.6		26.0
	28.0	23.7	19.0	11.2	6.3	23.9	19.2	11.3	6.4		28.0
	30.0	22.6	18.5	11.0	6.2	21.7	18.7	11.1	6.2		30.0
	32.0	20.5	18.1	10.7	6.0	19.9	18.3	10.8	6.0		32.0
	34.0	18.9	17.7	10.5	5.8	18.3	17.9	10.6	5.9		34.0
	36.0	17.3	17.3	10.2	5.6	16.9	17.5	10.3	5.7		36.0
	38.0	15.8	16.3	10.0	5.5	15.5	15.9	10.1	5.6		38.0
	40.0	14.5	15.0	9.8	5.3	14.2	14.7	9.9	5.4		40.0
	42.0	13.3	13.8	9.6	5.2	13.0	13.5	9.7	5.3		42.0
	44.0	12.2	12.7	9.4	5.1	11.9	12.4	9.5	5.1		44.0
	46.0	11.2	11.7	9.2	4.9	10.9	11.4	9.3	5.0		46.0
	48.0	10.3	10.8	9.0	4.8	10.0	10.5	9.1	4.9		48.0
	50.0	9.5	10.0	8.8	4.7	9.2	9.7	8.9	4.8		50.0
	52.0	8.8	9.2	8.6	4.6	8.5	8.9	8.7	4.7		52.0
	54.0	8.1	8.5	8.4	4.5	7.8	8.2	8.5	4.5		54.0
	56.0	7.4	7.9	8.3	4.4	7.1	7.6	8.2	4.4		56.0
	58.0	6.9	7.3	7.8	4.3	6.5	7.0	7.6	4.4		58.0
	60.0	6.3	6.7	7.3	4.2	6.0	6.4	7.0	4.3		60.0
	62.0	5.8	6.2	6.8	4.1	5.5	5.9	6.5	4.2		62.0
	64.0	5.3	5.7	6.3	4.0	5.0	5.4	6.0	4.1		64.0
	66.0	4.9	5.3	5.8	4.0	4.6	5.0	5.5	4.0		66.0
	68.0	4.5	4.9	5.4	3.9	4.1	4.5	5.1	3.9		68.0
	70.0	4.1	4.5	5.0	3.8	3.7	4.1	4.7	3.9		70.0
	72.0	3.7	4.1	4.6	3.8	3.4	3.8	4.3	3.8		72.0
	74.0	3.4	3.7	4.3	3.7	3.0	3.4	4.0	3.7		74.0
	76.0	3.0	3.4	3.9	3.6	2.7	3.1	3.6	3.7		76.0
	78.0	76.7m/2.9	3.1	3.6	3.6	2.4	2.8	3.3	3.5		78.0
	80.0		2.8	3.3	3.4	79.4m/2.2	2.5	3.0	3.3		80.0
	82.0		2.5	3.0	3.3		2.2	2.7	3.0		82.0
	84.0		82.5m/2.5	2.7	3.0		1.9	2.4	2.7		84.0
	86.0			2.5	2.7		85.1m/1.8	2.2	2.5		86.0
	88.0			2.2	2.4			1.9	2.2		88.0
	90.0			88.2m/2.2	2.1			1.7	2.0		90.0
	92.0				1.9			90.8m/1.5	1.7		92.0
	94.0				93.9m/1.8				1.6		94.0
	96.0								1.4		96.0
	98.0								96.6m/1.3		98.0
Reeves		2	2	1	1	2	2	1	1		Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.
12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.



Fixed Jib Lifting Capacities (Without Main Hook Block)
Jib Offset Angle : 30°

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		27.4				30.5				33.5				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	14.0	14.1m/19.3				14.6m/19.3				15.2m/19.3				14.0
	16.0	18.7				18.9				19.0				16.0
	18.0	17.9	18.0m/13.5			18.3	18.6m/13.5			18.5	19.1m/13.5			18.0
	20.0	16.8	13.5	21.9m/8.2		17.3	13.5			17.7	13.5			20.0
	22.0	15.9	13.1	8.2		16.4	13.2	22.5m/8.2		16.8	13.4	23.0m/8.1		22.0
	24.0	15.2	12.6	7.9	25.9m/4.4	15.6	12.9	8.0		16.0	13.0	8.0		24.0
	26.0	14.5	12.0	7.6	4.4	14.9	12.3	7.7	26.4m/4.4	15.4	12.6	7.8	26.9m/4.4	26.0
	28.0	13.9	11.4	7.4	4.2	14.4	11.7	7.5	4.3	14.8	12.0	7.6	4.3	28.0
	30.0	13.4	10.9	7.2	4.1	13.8	11.2	7.3	4.1	14.2	11.5	7.3	4.2	30.0
	32.0	13.0	10.4	7.0	3.9	13.4	10.7	7.1	4.0	13.8	11.0	7.2	4.0	32.0
	34.0	12.7	10.0	6.8	3.8	13.0	10.3	6.9	3.9	13.4	10.6	7.0	3.9	34.0
	36.0	12.5	9.7	6.6	3.7	12.7	10.0	6.7	3.8	13.0	10.3	6.8	3.8	36.0
	38.0	37.9m/12.4	9.4	6.5	3.7	12.5	9.7	6.6	3.7	12.7	9.9	6.7	3.7	38.0
	40.0		9.2	6.3	3.6	12.4	9.4	6.4	3.6	12.5	9.6	6.5	3.7	40.0
	42.0		9.0	6.2	3.5	40.5m/12.4	9.2	6.3	3.5	12.4	9.4	6.4	3.6	42.0
	44.0		44.0m/8.9	6.2	3.4		9.0	6.2	3.5	43.2m/12.4	9.2	6.3	3.5	44.0
	46.0			6.1	3.3		8.9	6.1	3.4		9.0	6.2	3.4	46.0
	48.0			6.1	3.3		46.6m/8.9	6.1	3.3		8.9	6.1	3.4	48.0
	50.0			6.1	3.3			6.1	3.3		49.3m/8.9	6.1	3.3	50.0
	52.0			50.1m/6.1	3.2			6.1	3.3			6.1	3.3	52.0
	54.0				3.0			52.7m/6.1	3.2			6.1	3.3	54.0
	56.0				2.9				3.0			55.4m/6.1	3.2	56.0
	58.0				56.2m/2.8				2.9				3.0	58.0
	60.0								58.8m/2.8				2.9	60.0
	62.0												61.4m/2.7	62.0
	Reeves	2	1	1	1	2	1	1	1	2	1	1	1	Reeves

Boom length (m)		36.6				39.6				42.7				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	14.0	15.7m/19.3												14.0
	16.0	19.2				16.2m/19.2				16.8m/19.2				16.0
	18.0	18.7	19.6m/13.5			18.8				19.0				18.0
	20.0	18.1	13.5			18.4	20.1m/13.5			18.6	20.7m/13.5			20.0
	22.0	17.2	13.5	23.5m/8.1		17.5	13.5			17.9	13.5			22.0
	24.0	16.4	13.1	8.1		16.8	13.2	24.1m/8.1		17.1	13.3	24.6m/8.1		24.0
	26.0	15.7	12.8	7.9	27.5m/4.3	16.1	13.0	7.9		16.4	13.1	8.0		26.0
	28.0	15.1	12.3	7.6	4.3	15.5	12.5	7.7	28.0m/4.4	15.8	12.8	7.8	28.5m/4.4	28.0
	30.0	14.6	11.8	7.4	4.2	14.9	12.0	7.5	4.2	15.3	12.3	7.6	4.3	30.0
	32.0	14.1	11.3	7.2	4.1	14.5	11.6	7.3	4.1	14.8	11.8	7.4	4.2	32.0
	34.0	13.7	10.9	7.1	4.0	14.0	11.1	7.2	4.0	14.3	11.4	7.2	4.1	34.0
	36.0	13.3	10.5	6.9	3.9	13.6	10.8	7.0	3.9	13.9	11.0	7.1	4.0	36.0
	38.0	13.0	10.2	6.8	3.8	13.3	10.4	6.8	3.8	13.6	10.7	6.9	3.9	38.0
	40.0	12.8	9.9	6.6	3.7	13.0	10.1	6.7	3.7	13.3	10.4	6.8	3.8	40.0
	42.0	12.6	9.6	6.5	3.6	12.8	9.9	6.6	3.7	13.0	10.1	6.7	3.7	42.0
	44.0	12.4	9.4	6.4	3.5	12.6	9.6	6.5	3.6	12.8	9.8	6.6	3.6	44.0
	46.0	45.8m/12.4	9.2	6.3	3.5	12.4	9.4	6.4	3.5	12.6	9.6	6.4	3.6	46.0
	48.0		9.1	6.2	3.4	12.4	9.2	6.3	3.5	12.4	9.4	6.4	3.5	48.0
	50.0		8.9	6.1	3.4	48.4m/12.4	9.1	6.2	3.4	12.4	9.2	6.3	3.5	50.0
	52.0		51.9m/8.9	6.1	3.3		9.0	6.1	3.4	51.1m/12.0	9.1	6.2	3.4	52.0
	54.0			6.1	3.3		8.9	6.1	3.3		9.0	6.1	3.3	54.0
	56.0			6.1	3.2		54.5m/8.9	6.1	3.3		8.9	6.1	3.3	56.0
	58.0			58.0m/6.1	3.1			6.1	3.3		57.2m/8.9	6.1	3.3	58.0
	60.0				3.0			6.1	3.2			6.1	3.2	60.0
	62.0				2.9			60.6m/6.1	3.1			6.1	3.2	62.0
	64.0				2.8				3.0			63.3m/6.1	3.2	64.0
	66.0				64.1m/2.8				2.8				3.0	66.0
	68.0								66.7m/2.7				2.9	68.0
	70.0												69.4m/2.7	70.0
	Reeves	2	1	1	1	2	1	1	1	2	1	1	1	Reeves

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Fixed Jib Lifting Capacities (Without Main Hook Block)

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Jib Offset Angle : 30°

Unit: metric ton

Boom length (m)		45.7				48.8				51.8				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	16.0	17.3m/19.2				17.8m/19.2								16.0
	18.0	19.1				19.2				18.3m/19.2				18.0
	20.0	18.7	21.2m/13.5			18.8	21.7m/13.5			18.9				20.0
	22.0	18.2	13.5			18.4	13.5			18.5	22.3m/13.5			22.0
	24.0	17.4	13.4	25.1m/8.1		17.7	13.5	25.6m/8.1		18.0	13.5			24.0
	26.0	16.7	13.2	8.0		17.0	13.3	8.1		17.3	13.3	26.2m/8.1		26.0
	28.0	16.1	12.9	7.8	29.0m/4.4	16.4	13.0	7.9	29.6m/4.2	16.7	13.1	7.9		28.0
	30.0	15.6	12.5	7.6	4.3	15.9	12.7	7.7	4.2	16.2	12.9	7.8	30.1m/4.2	30.0
	32.0	15.1	12.0	7.5	4.2	15.4	12.2	7.5	4.2	15.7	12.4	7.6	4.2	32.0
	34.0	14.6	11.6	7.3	4.1	14.9	11.8	7.4	4.1	15.2	12.0	7.4	4.2	34.0
	36.0	14.2	11.2	7.1	4.0	14.5	11.4	7.2	4.0	14.8	11.7	7.3	4.1	36.0
	38.0	13.9	10.9	7.0	3.9	14.1	11.1	7.1	3.9	14.4	11.3	7.1	4.0	38.0
	40.0	13.5	10.6	6.9	3.8	13.8	10.8	6.9	3.8	14.1	11.0	7.0	3.9	40.0
	42.0	13.3	10.3	6.7	3.7	13.5	10.5	6.8	3.8	13.7	10.7	6.9	3.8	42.0
	44.0	13.0	10.0	6.6	3.7	13.2	10.2	6.7	3.7	13.5	10.4	6.8	3.7	44.0
	46.0	12.8	9.8	6.5	3.6	13.0	10.0	6.6	3.6	13.2	10.2	6.7	3.7	46.0
	48.0	12.6	9.6	6.4	3.5	12.8	9.8	6.5	3.6	12.5	10.0	6.6	3.6	48.0
	50.0	12.1	9.4	6.3	3.5	11.9	9.6	6.4	3.5	11.7	9.7	6.5	3.5	50.0
	52.0	11.3	9.2	6.3	3.4	11.2	9.4	6.3	3.4	10.9	9.5	6.4	3.5	52.0
	54.0	53.7m/10.7	9.1	6.2	3.4	10.4	9.2	6.2	3.4	10.2	9.4	6.3	3.4	54.0
	56.0		9.0	6.1	3.3	9.8	9.1	6.2	3.4	9.5	9.2	6.2	3.4	56.0
	58.0		8.9	6.1	3.3	56.4m/9.7	9.0	6.1	3.3	8.9	9.1	6.2	3.4	58.0
	60.0		59.8m/8.9	6.1	3.3		8.9	6.1	3.3	59.0m/8.6	9.0	6.1	3.3	60.0
	62.0			6.1	3.3		8.6	6.1	3.3		8.4	6.1	3.3	62.0
	64.0			6.1	3.2		62.5m/8.5	6.1	3.2		7.9	6.0	3.3	64.0
	66.0			65.9m/6.1	3.1			6.1	3.2		65.1m/7.6	6.0	3.2	66.0
	68.0				3.0			6.1	3.1			6.0	3.2	68.0
	70.0				2.9			68.6m/6.1	3.0			6.0	3.2	70.0
	72.0				72.0m/2.8				2.9			71.2m/6.0	3.1	72.0
	74.0								2.8				3.0	74.0
	76.0								74.6m/2.7				2.8	76.0
	78.0												77.3m/2.7	78.0
	Reeves	2	1	1	1	2	1	1	1	2	1	1	1	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Fixed Jib Lifting Capacities (Without Main Hook Block)
Jib Offset Angle : 30°

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		54.9				57.9				61.0				Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib Length (m)
Working Radius (m)	18.0	18.9m/19.2				19.4m/19.2				19.9m/19.2				18.0
	20.0	19.0				19.1				19.2				20.0
	22.0	18.6	22.8m/13.5			18.7	23.3m/13.5			18.8	23.8m/13.5			22.0
	24.0	18.2	13.5			18.4	13.5			18.5	13.5			24.0
	26.0	17.6	13.4	26.7m/8.1		17.8	13.5	27.2m/8.1		18.1	13.5	27.8m/8.1		26.0
	28.0	17.0	13.2	8.0		17.2	13.3	8.0		17.5	13.3	8.1		28.0
	30.0	16.4	12.9	7.8	30.6m/4.3	16.7	13.0	7.9	31.2m/4.3	16.9	13.1	7.9	31.7m/4.3	30.0
	32.0	15.9	12.6	7.6	4.3	16.2	12.8	7.7	4.3	16.4	12.9	7.7	4.3	32.0
	34.0	15.5	12.2	7.5	4.2	15.7	12.4	7.5	4.2	16.0	12.6	7.6	4.2	34.0
	36.0	15.1	11.8	7.3	4.1	15.3	12.0	7.4	4.1	15.5	12.2	7.4	4.1	36.0
	38.0	14.7	11.5	7.2	4.0	14.9	11.7	7.3	4.0	15.1	11.9	7.3	4.0	38.0
	40.0	14.3	11.2	7.1	3.9	14.5	11.4	7.1	3.9	14.8	11.5	7.2	4.0	40.0
	42.0	14.0	10.9	6.9	3.8	14.2	11.1	7.0	3.9	14.4	11.2	7.1	3.9	42.0
	44.0	13.7	10.6	6.8	3.8	13.9	10.8	6.9	3.8	13.7	11.0	7.0	3.8	44.0
	46.0	13.2	10.4	6.7	3.7	12.9	10.5	6.8	3.7	12.7	10.7	6.8	3.8	46.0
	48.0	12.2	10.1	6.6	3.7	12.0	10.3	6.7	3.7	11.8	10.5	6.7	3.7	48.0
	50.0	11.4	9.9	6.5	3.6	11.1	10.1	6.6	3.6	11.0	10.2	6.6	3.6	50.0
	52.0	10.6	9.7	6.4	3.5	10.3	9.9	6.5	3.5	10.2	10.0	6.6	3.6	52.0
	54.0	9.9	9.5	6.4	3.5	9.6	9.7	6.4	3.5	9.5	9.8	6.5	3.5	54.0
	56.0	9.2	9.4	6.3	3.4	9.0	9.5	6.3	3.5	8.8	9.6	6.4	3.5	56.0
	58.0	8.6	9.2	6.2	3.4	8.3	9.1	6.3	3.4	8.2	8.9	6.3	3.4	58.0
	60.0	8.1	8.7	6.2	3.3	7.7	8.5	6.2	3.4	7.6	8.3	6.3	3.4	60.0
	62.0	61.6m/7.6	8.2	6.1	3.3	7.2	7.9	6.2	3.3	7.1	7.8	6.2	3.3	62.0
	64.0		7.7	6.1	3.3	6.7	7.4	6.1	3.3	6.6	7.3	6.2	3.3	64.0
	66.0		7.2	6.0	3.2	64.3m/6.7	6.9	6.1	3.3	6.1	6.8	6.1	3.3	66.0
	68.0		67.7m/6.8	6.0	3.2		6.4	6.0	3.3	66.9m/5.9	6.3	6.1	3.3	68.0
	70.0			6.0	3.2		6.0	6.0	3.2		5.9	6.0	3.2	70.0
	72.0			6.0	3.2		70.4m/5.9	6.0	3.2		5.5	5.9	3.2	72.0
	74.0			73.8m/6.0	3.1			5.7	3.1		73.0m/5.3	5.5	3.2	74.0
	76.0				3.0			5.3	3.0			5.1	3.2	76.0
	78.0				2.9			76.5m/5.2	2.9			4.8	3.1	78.0
	80.0				79.9m/2.8				2.9			79.1m/4.6	3.0	80.0
	82.0								2.8				2.9	82.0
	84.0								82.6m/2.7				2.8	84.0
	86.0												85.2m/2.7	86.0
Reeves		2	1	1	1	2	1	1	1	2	1	1	1	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES

 Fixed Jib Lifting Capacities (Without Main Hook Block) Jib Offset Angle : 30° Counterweight: 90.4 t Carbody Weight: 27.5 t Unit: metric ton													Boom length (m)	
Jib Length (m)		64.0				67.1				70.1				Jib Length (m)
Working Radius (m)	20.0	20.5m/19.2				21.0m/19.1				21.5m/19.1				20.0
	22.0	18.9				19.0				19.1				22.0
	24.0	18.6	24.4m/13.5			18.7	24.9m/13.5			18.8	25.4m/13.5			24.0
	26.0	18.3	13.5			18.4	13.5			18.5	13.5			26.0
	28.0	17.7	13.4	28.3m/8.1		17.9	13.5	28.8m/8.1		18.1	13.5	29.4m/8.1		28.0
	30.0	17.2	13.2	7.9		17.4	13.3	8.0		17.6	13.3	8.0		30.0
	32.0	16.7	13.0	7.8	32.2m/4.3	16.9	13.0	7.8	32.7m/4.2	17.1	13.1	7.9	33.3m/4.3	32.0
	34.0	16.2	12.8	7.6	4.2	16.4	12.9	7.7	4.2	16.6	12.9	7.7	4.3	34.0
	36.0	15.8	12.4	7.5	4.2	16.0	12.5	7.5	4.2	16.2	12.7	7.6	4.2	36.0
	38.0	15.4	12.0	7.4	4.1	15.6	12.2	7.4	4.1	15.8	12.4	7.5	4.1	38.0
	40.0	15.0	11.7	7.2	4.0	15.2	11.9	7.3	4.0	15.3	12.0	7.3	4.0	40.0
	42.0	14.6	11.4	7.1	3.9	14.3	11.6	7.2	3.9	14.0	11.7	7.2	4.0	42.0
	44.0	13.5	11.1	7.0	3.9	13.2	11.3	7.1	3.9	12.9	11.4	7.1	3.9	44.0
	46.0	12.4	10.9	6.9	3.8	12.2	11.0	7.0	3.8	11.9	11.2	7.0	3.8	46.0
	48.0	11.5	10.6	6.8	3.7	11.3	10.8	6.9	3.7	11.0	10.9	6.9	3.8	48.0
	50.0	10.7	10.4	6.7	3.7	10.4	10.6	6.8	3.7	10.1	10.7	6.8	3.7	50.0
	52.0	9.9	10.2	6.6	3.6	9.6	10.4	6.7	3.6	9.3	10.2	6.7	3.7	52.0
	54.0	9.2	10.0	6.5	3.6	8.9	9.8	6.6	3.6	8.6	9.5	6.6	3.6	54.0
	56.0	8.5	9.3	6.5	3.5	8.3	9.1	6.5	3.5	7.9	8.8	6.6	3.5	56.0
	58.0	7.9	8.7	6.4	3.4	7.6	8.4	6.4	3.5	7.3	8.2	6.5	3.5	58.0
	60.0	7.3	8.1	6.3	3.4	7.1	7.8	6.4	3.4	6.7	7.6	6.4	3.5	60.0
	62.0	6.8	7.5	6.3	3.4	6.5	7.3	6.3	3.4	6.2	7.0	6.3	3.4	62.0
	64.0	6.3	7.0	6.2	3.4	6.0	6.8	6.2	3.4	5.7	6.5	6.3	3.4	64.0
	66.0	5.8	6.5	6.1	3.3	5.6	6.3	6.2	3.3	5.3	6.0	6.2	3.4	66.0
	68.0	5.4	6.0	6.1	3.3	5.1	5.8	6.1	3.3	4.8	5.5	6.1	3.3	68.0
	70.0	69.6m/5.1	5.6	6.1	3.3	4.7	5.4	5.9	3.3	4.4	5.1	5.6	3.3	70.0
	72.0		5.2	5.7	3.2	4.3	5.0	5.5	3.2	4.0	4.7	5.2	3.3	72.0
	74.0		4.8	5.3	3.2	72.2m/4.3	4.6	5.1	3.2	3.7	4.3	4.8	3.3	74.0
	76.0		75.7m/4.5	4.9	3.2		4.2	4.7	3.2	74.8m/3.5	3.9	4.4	3.2	76.0
	78.0			4.6	3.2		3.9	4.3	3.2		3.6	4.1	3.2	78.0
	80.0			4.2	3.1		78.3m/3.8	4.0	3.2		3.3	3.7	3.2	80.0
	82.0			81.8m/3.9	3.0			3.7	3.2		80.9m/3.1	3.4	3.2	82.0
	84.0				2.9			3.4	3.1			3.1	3.2	84.0
	86.0				2.9			84.4m/3.3	3.0			2.8	3.0	86.0
	88.0				87.8m/2.8				2.9			87.0m/2.6	2.8	88.0
	90.0								2.8				2.7	90.0
	92.0								90.5m/2.7				2.4	92.0
	94.0												93.1m/2.2	94.0
Reeves		2	1	1	1	2	1	1	1	2	1	1	1	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Fixed Jib Lifting Capacities (Without Main Hook Block)										Counterweight: 90.4 t Carbody Weight: 27.5 t				
Jib Offset Angle : 30°														
Unit: metric ton														
Boom length (m)		73.2				76.2								Boom length (m)
Jib Length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5				Jib Length (m)	
Working Radius (m)	22.0	22.0m/19.1				22.6m/19.1							22.0	
	24.0	18.8				18.9							24.0	
	26.0	18.6	26.0m/13.5			18.7	26.5m/13.5						26.0	
	28.0	18.3	13.5	29.9m/8.1		18.4	13.5						28.0	
	30.0	17.8	13.4	8.0		18.0	13.4	30.4m/8.0					30.0	
	32.0	17.3	13.2	7.9	33.8m/4.3	17.5	13.2	7.9					32.0	
	34.0	16.8	13.0	7.8	4.3	17.0	13.1	7.8	34.3m/4.3				34.0	
	36.0	16.4	12.8	7.6	4.2	16.6	12.9	7.7	4.2				36.0	
	38.0	16.0	12.5	7.5	4.1	16.2	12.7	7.5	4.2				38.0	
	40.0	15.1	12.2	7.4	4.1	14.9	12.3	7.4	4.1				40.0	
	42.0	13.9	11.9	7.3	4.0	13.6	12.0	7.3	4.0				42.0	
	44.0	12.8	11.6	7.2	3.9	12.5	11.7	7.2	3.9				44.0	
	46.0	11.7	11.3	7.1	3.8	11.5	11.5	7.1	3.9				46.0	
	48.0	10.8	11.1	7.0	3.8	10.5	11.2	7.0	3.8				48.0	
	50.0	10.0	10.9	6.9	3.7	9.7	10.6	6.9	3.8				50.0	
	52.0	9.2	10.1	6.8	3.7	8.9	9.8	6.8	3.7				52.0	
	54.0	8.5	9.3	6.7	3.6	8.2	9.1	6.7	3.7				54.0	
	56.0	7.8	8.6	6.6	3.6	7.5	8.4	6.7	3.6				56.0	
	58.0	7.2	8.0	6.5	3.5	6.9	7.7	6.6	3.5				58.0	
	60.0	6.6	7.4	6.5	3.5	6.3	7.1	6.5	3.5				60.0	
	62.0	6.1	6.9	6.4	3.4	5.8	6.6	6.4	3.5				62.0	
	64.0	5.6	6.3	6.3	3.4	5.3	6.1	6.4	3.4				64.0	
	66.0	5.1	5.8	6.3	3.4	4.8	5.6	6.1	3.4				66.0	
	68.0	4.7	5.4	5.9	3.3	4.3	5.1	5.7	3.3				68.0	
	70.0	4.2	5.0	5.5	3.3	3.9	4.7	5.2	3.3				70.0	
	72.0	3.8	4.5	5.1	3.3	3.5	4.3	4.8	3.3				72.0	
	74.0	3.4	4.2	4.7	3.3	3.2	3.9	4.4	3.3				74.0	
	76.0	3.1	3.8	4.3	3.2	2.8	3.5	4.0	3.3				76.0	
	78.0	77.5m/2.9	3.4	3.9	3.2	2.5	3.2	3.7	3.2				78.0	
	80.0		3.1	3.6	3.2	2.2	2.8	3.3	3.2				80.0	
	82.0		2.8	3.3	3.2	80.1m/2.2	2.5	3.0	3.2				82.0	
	84.0		83.6m/2.5	3.0	3.1		2.2	2.7	3.0				84.0	
	86.0			2.7	2.9		1.9	2.4	2.8				86.0	
	88.0			2.4	2.7		86.2m/1.9	2.1	2.6				88.0	
	90.0			89.7m/2.1	2.5			1.8	2.3				90.0	
	92.0				2.3			1.6	2.1				92.0	
	94.0				2.0			92.3m/1.5	1.8				94.0	
	96.0				95.8m/1.7				1.6				96.0	
	98.0								1.4				98.0	
	100.0								98.4m/1.3				100.0	
Reeves		2	1	1	1	2	1	1	1				Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES

 Long Boom Lifting Capacities Counterweight: 90.4 t Carbody Weight: 27.5 t Unit: metric ton													
Working Radius (m)	Boom Length (m)	64.0	67.1	70.1	73.2	76.2	79.2	82.3	85.3	88.4	91.4	Jib Length (m)	Working Radius (m)
12.0	12.8m/47.1	13.3m/46.1	13.8m/45.0										12.0
14.0	45.0	44.9	44.8	14.3m/44.2	14.9m/41.1	15.4m/36.2	15.9m/32.3						14.0
16.0	42.0	41.9	41.8	41.7	39.6	35.5	32.2	16.5m/27.0	17.0m/24.9	17.5m/21.3			16.0
18.0	39.4	39.3	39.2	39.1	37.2	33.2	30.1	27.0	24.0	20.9			18.0
20.0	37.2	37.1	37.0	36.9	35.1	31.3	28.3	25.3	22.4	19.5			20.0
22.0	35.2	35.1	35.0	34.9	33.3	29.6	26.7	23.9	21.1	18.3			22.0
24.0	33.4	33.3	33.2	33.1	31.7	28.0	25.2	22.6	19.9	17.3			24.0
26.0	31.5	31.3	31.2	30.9	30.2	26.7	24.0	21.4	18.9	16.3			26.0
28.0	28.5	28.3	28.1	27.9	27.8	25.5	22.8	20.4	18.0	15.5			28.0
30.0	25.9	25.7	25.6	25.4	25.3	24.4	21.8	19.5	17.1	14.8			30.0
32.0	23.7	23.5	23.4	23.1	23.0	22.9	20.9	18.6	16.4	14.1			32.0
34.0	21.8	21.6	21.5	21.2	21.1	21.0	20.1	17.9	15.7	13.6			34.0
36.0	20.1	19.9	19.8	19.5	19.4	19.3	19.2	17.2	15.1	13.0			36.0
38.0	18.7	18.4	18.3	18.1	18.0	17.9	17.8	16.6	14.6	12.6			38.0
40.0	17.3	17.1	17.0	16.7	16.6	16.5	16.4	16.1	14.1	12.1			40.0
42.0	16.2	15.9	15.8	15.5	15.4	15.3	15.2	15.1	13.6	11.7			42.0
44.0	15.1	14.8	14.7	14.5	14.4	14.3	14.2	14.1	13.2	11.4			44.0
46.0	14.1	13.9	13.7	13.5	13.4	13.3	13.2	13.1	12.8	11.0			46.0
48.0	13.3	13.0	12.9	12.6	12.5	12.4	12.3	12.2	12.3	10.7			48.0
50.0	12.5	12.2	12.1	11.8	11.7	11.6	11.5	11.4	11.3	10.5			50.0
52.0	11.7	11.5	11.3	11.1	11.0	10.9	10.8	10.7	10.6	10.2			52.0
54.0	11.1	10.8	10.7	10.4	10.3	10.2	10.1	10.0	9.9	9.8			54.0
56.0	10.4	10.2	10.0	9.8	9.7	9.6	9.5	9.4	9.3	9.2			56.0
58.0	56.9m/10.2	9.6	9.5	9.2	9.1	9.0	8.9	8.8	8.7	8.6			58.0
60.0		59.6m/9.2	8.9	8.7	8.6	8.5	8.4	8.3	8.2	8.1			60.0
62.0			8.5	8.2	8.1	8.0	7.9	7.8	7.7	7.6			62.0
64.0			62.2m/8.4	7.7	7.6	7.5	7.4	7.3	7.2	7.1			64.0
66.0				64.9m/7.6	7.2	7.1	7.0	6.9	6.8	6.7			66.0
68.0					67.5m/6.9	6.8	6.7	6.6	6.5	6.4			68.0
70.0						6.4	6.3	6.2	6.1	5.9			70.0
72.0							70.2m/6.3	6.0	5.9	5.8	5.7		72.0
74.0								72.8m/5.9	5.6	5.5	5.4		74.0
76.0									75.4m/5.4	5.3	5.1		76.0
78.0										78.0m/4.9	4.8		78.0
80.0											4.5		80.0
82.0											80.7m/4.4		82.0
Reeves	4	4	4	4	4	3	3	2	2	2	2	Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Boom Lifting Capacities												Counterweight: 90.4 t Carbody Weight: 27.5 t	
Unit: metric ton													
Working Radius (m) Boom Length (m)	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	Boom Length (m) Working Radius (m)		
5.0	5.4m/150.0	5.9m/143.6									5.0		
6.0	150.0	143.6	6.4m/143.8								6.0		
7.0	150.0	143.6	143.8	7.0m/144.2	7.5m/144.6						7.0		
8.0	144.9	143.6	143.8	144.0	143.8	8.0m/132.2	8.6m/116.0				8.0		
9.0	129.2	128.9	128.8	128.4	128.2	123.8	114.6	9.1m/111.3	9.6m/100.0		9.0		
10.0	116.5	116.2	116.0	115.7	114.0	111.8	109.7	107.7	98.5	10.1m/95.1	10.0		
12.0	88.9	88.8	88.7	88.6	88.5	88.4	88.3	88.2	86.9	84.9	12.0		
14.0	71.2	71.1	71.0	70.9	70.8	70.7	70.6	70.5	70.4	70.3	14.0		
16.0	15.3m/61.6	59.2	59.1	59.0	58.9	58.8	58.7	58.6	58.5	58.4	16.0		
18.0		17.9m/50.7	50.5	50.4	50.3	50.2	50.1	50.0	49.9	49.8	18.0		
20.0			43.8	43.7	43.6	43.5	43.4	43.3	43.2	43.0	20.0		
22.0			20.6m/42.2	38.4	38.3	38.2	38.1	38.0	37.9	37.6	22.0		
24.0				23.2m/35.7	34.1	33.9	33.8	33.7	33.6	33.3	24.0		
26.0					25.8m/30.8	30.4	30.3	30.2	30.0	29.8	26.0		
28.0						27.4	27.3	27.2	27.1	26.8	28.0		
30.0						28.5m/26.8	24.9	24.8	24.6	24.3	30.0		
32.0							31.1m/23.7	22.6	22.4	22.2	32.0		
34.0								33.8m/21.0	20.6	20.3	34.0		
36.0									18.9	18.6	36.0		
38.0									36.4m/18.6	17.2	38.0		
40.0										39.0m/16.5	40.0		
Reeves	12	12	12	12	12	10	10	10	8	8	Reeves		

Working Radius (m)	Boom Length (m)	45.7	48.8	51.8	54.9	57.9	61.0	Boom Length (m)	Working Radius (m)
10.0	10.7m/83.0	11.2m/81.0	11.7m/77.9						10.0
12.0	78.8	77.3	76.1	12.3m/73.2	12.8m/69.2	13.3m/65.2			12.0
14.0	70.2	68.7	64.9	63.8	63.0	62.0			14.0
16.0	58.3	58.2	58.0	56.8	54.8	54.0			16.0
18.0	49.7	49.6	49.5	49.3	48.9	47.9			18.0
20.0	42.9	42.8	42.7	42.5	42.4	42.2			20.0
22.0	37.5	37.4	37.3	37.1	37.0	36.9			22.0
24.0	33.2	33.1	33.0	32.8	32.7	32.5			24.0
26.0	29.7	29.6	29.5	29.2	29.1	29.0			26.0
28.0	26.7	26.6	26.5	26.3	26.2	26.0			28.0
30.0	24.2	24.1	24.0	23.7	23.6	23.4			30.0
32.0	22.1	21.9	21.8	21.5	21.4	21.3			32.0
34.0	20.2	20.0	19.9	19.6	19.5	19.4			34.0
36.0	18.5	18.4	18.3	18.0	17.9	17.7			36.0
38.0	17.1	16.9	16.8	16.5	16.4	16.2			38.0
40.0	15.9	15.6	15.5	15.2	15.1	14.9			40.0
42.0	41.7m/15.0	14.5	14.3	14.1	14.0	13.7			42.0
44.0		13.5	13.3	13.0	12.9	12.7			44.0
46.0		44.3m/13.3	12.4	12.1	12.0	11.7			46.0
48.0			47.0m/11.9	11.2	11.1	10.9			48.0
50.0				49.6m/10.6	10.4	10.1			50.0
52.0					9.7	9.4			52.0
54.0					52.2m/9.6	8.7			54.0
56.0						54.9m/8.4			56.0
Reeves	7	6	6	6	6	5	Reeves		

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



SUPPLEMENTAL DATA

- Ratings according to EN13000.
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- Ratings shown are based on freely suspended loads and make no allowance for such factors as wind effect on lifted load, ground conditions, out-of-level, operating speeds or any other condition that could be detrimental to the safe operation of this equipment.
The operator, therefore, has the responsibility to judge the existing conditions and reduce lifted loads and operating speeds accordingly.
- Ratings are for operation on a firm and level surface, up to 1 % gradient.
- At radii and boom lengths where no ratings are shown on chart, operation is not intended nor approved.
- Boom and jib inserts and guy lines must be arranged as shown in the "operator's manual".
- Boom hoist reeving is 16 part line.
- Jib hoist reeving is 10 part line.
- Gantry must be in raised position for all conditions.
- Boom and jib backstops are required for all boom and jib combinations.
- Ratings inside of boxes are limited by strength of materials.
- The boom should be erected over the front of the crawlers, not laterally.
- When erecting and lowering the boom length of 54.9 m or over, the blocks for erection must be placed at the end of the crawlers.
- The minimum rated load is 2.5 (ton).
- All ratings shown is calculated in the condition equipped with the auxiliary sheave frame.

(Luffing boom lifting with luffing jib attached)

- The total load that can be lifted is the value for weight of main hook block, slings, and all other load handling accessories deducted from "luffing boom rated loads with luffing jib".

(Luffing jib lifting)

- The total load that can be lifted is the value for weight of jib hook block, slings, and all other load handling accessories deducted from "luffing jib rated loads".

(Luffing jib lifting with main hook block)

- The total load that can be lifted is the value for weight of main hook block, jib hook block, slings, and all other load handling accessories deducted from "luffing jib rated loads".

(Luffing jib lifting with auxiliary sheave hook block)

- The total load that can be lifted is the value for weight of auxiliary sheave hook block, jib hook block, slings, and all other load handling accessories deducted from "luffing jib rated loads".

(Auxiliary sheave lifting with jib hook block)

- The total load that can be lifted is the value for weight of auxiliary sheave hook block, jib hook block, slings, and all other load handling accessories deducted from "luffing jib rated loads".
But it should not exceed 13.5 ton.

- Boom and jib combinations for auxiliary sheave mounting are all boom and jib combinations.

- Auxiliary sheave ratings at any radius from center of rotation are the same as crane ratings shown in table for main boom when operated at the same radius.

1. Luffing boom and jib combinations.

		Jib Length (m)													
		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0
Boom Length (m)	21.3	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	24.4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	27.4	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	30.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	33.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	36.6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	39.6	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	42.7	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	45.7	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	48.8	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	51.8	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	54.9	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	57.9	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	61.0	×	×	×	○	○	○	○	○	○	○	○	○	○	○

○: Combinations which is allowed. ×: Combinations which is not allowed.

2. Maximum hoist load for number of reeving parts of line for hoist rope.

For Main Boom Hook

No. of Parts of Line	1	2	3	4	5
Maximum Loads (kN)	132	265	397	530	662
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5

No. of Parts of Line	6	7	8	10
Maximum Loads (kN)	794	927	1,059	1,226
Maximum Loads (t)	81.0	94.5	108.0	125.0

For Jib Hook

No. of Parts of Line	1	2	3	4	5	6
Maximum Loads (kN)	132	265	397	530	662	785
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5	80.0

For Auxiliary Sheave

No. of Parts of Line	1
Maximum Loads (kN)	132
Maximum Loads (t)	13.5

Weight of hook block						
Hook Block	250 t	150 t	100 t	70 t	35 t	13.5 t Ball Hook
Weight (t)	4.2	2.3	1.8	1.2	0.9	0.45

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.



LIFTING CAPACITIES

Luffing Boom Lifting Capacities With Luffing Jib																Counterweight: 90.4 t Carbody Weight: 27.5 t		
Attached at 23 degree boom to luffing jib offset angle																		
Unit: metric ton																		
21.3m Boom Length	Boom Length (m)		21.3														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	6.4	125.0	122.6	120.0	119.0	117.9	116.1	114.1	111.9	108.9	107.5	106.0	103.6	100.3	97.2	6.4	
		7.0	125.0	122.6	120.0	119.0	117.9	116.1	114.1	111.9	108.9	107.5	106.0	103.6	100.3	97.2	7.0	
		8.0	125.0	122.6	120.0	119.0	117.9	116.1	114.1	111.9	108.9	107.5	106.0	103.6	100.3	97.2	8.0	
		9.0	111.7	109.6	107.4	106.6	105.8	104.3	102.7	101.0	98.5	97.3	96.1	94.2	91.6	89.1	9.0	
		10.0	99.3	97.3	95.3	94.5	93.7	92.3	90.7	89.1	86.8	85.7	84.5	82.7	80.3	77.9	10.0	
		12.0	72.6	70.8	68.9	68.2	67.5	66.2	64.8	63.3	61.2	61.2	59.1	57.4	55.2	53.0	12.0	
		14.0	55.3	53.6	51.9	51.3	50.7	49.4	48.0	46.7	44.8	44.7	42.7	41.2	39.1	37.2	14.0	
		16.0	43.9	42.3	40.7	40.1	39.5	38.3	37.0	35.7	33.9	33.8	32.0	30.5	28.6	26.8	16.0	
	18.0	35.7	34.2	32.7	32.2	31.6	30.4	29.1	28.0	26.3	26.1	24.4	23.0	21.2	19.5	18.0		
Reeves	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	Reeves		
24.4m Boom Length	Boom Length (m)		24.4														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	7.0	125.0	123.9	121.5	120.6	119.6	118.0	116.2	114.3	111.5	110.2	108.9	106.7	103.7	100.9	7.0	
		8.0	125.0	123.9	121.5	120.6	119.6	118.0	116.2	114.3	111.5	110.2	108.9	106.7	103.7	100.9	8.0	
		9.0	111.6	109.5	107.4	106.7	105.9	104.5	103.0	101.3	99.0	97.9	96.7	94.8	92.3	89.9	9.0	
		10.0	99.3	97.3	95.4	94.7	93.9	92.6	91.1	89.6	87.4	86.3	85.2	83.5	81.1	78.8	10.0	
		12.0	72.7	71.0	69.2	68.6	67.9	66.7	65.3	63.9	61.9	60.9	59.9	58.3	56.2	54.2	12.0	
		14.0	55.5	53.8	52.2	51.6	51.0	49.8	48.6	47.3	45.4	45.4	43.5	42.1	40.1	38.2	14.0	
		16.0	44.0	42.4	40.9	40.4	39.8	38.7	37.4	36.2	34.5	34.5	32.7	31.3	29.5	27.7	16.0	
		18.0	35.7	34.2	32.8	32.3	31.8	30.7	29.5	28.4	26.7	26.7	25.0	23.7	21.9	20.3	18.0	
	20.0	29.3	28.0	26.6	26.1	25.6	24.6	23.4	22.3	20.8	20.7	19.1	17.9	16.2	14.6	20.0		
Reeves	10	10	10	10	10	10	10	10	10	10	10	8	8	8	Reeves			
27.4m Boom Length	Boom Length (m)		27.4														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	8.0	125.0	124.6	123.8	123.0	120.8	119.3	117.8	116.0	113.6	112.5	111.3	109.3	106.7	104.2	8.0	
		9.0	111.6	109.6	108.9	108.1	106.1	104.7	103.3	101.7	99.4	98.3	97.2	95.5	93.0	90.7	9.0	
		10.0	97.8	95.9	95.2	94.5	92.6	91.3	89.9	88.5	86.3	85.3	84.3	82.6	80.3	78.1	10.0	
		12.0	72.8	71.1	70.5	69.9	68.2	67.0	65.7	64.4	62.4	61.5	60.6	59.1	57.0	55.0	12.0	
		14.0	55.6	54.0	53.5	52.9	51.3	50.2	49.0	47.7	45.9	45.1	44.2	42.8	40.9	39.1	14.0	
		16.0	44.0	42.5	42.0	41.5	40.0	38.9	37.8	36.7	35.0	34.2	33.3	32.0	30.2	28.5	16.0	
		18.0	35.7	34.3	33.9	33.4	31.9	30.9	29.8	28.7	27.1	26.3	25.5	24.3	22.6	21.0	18.0	
		20.0	29.3	28.0	27.6	27.1	25.7	24.7	23.7	22.6	21.1	21.1	19.5	18.4	16.8	15.2	20.0	
	22.0	24.3	23.0	22.6	22.2	20.9	19.9	18.9	17.9	16.4	16.4	14.9	13.8	12.3	10.8	22.0		
Reeves	10	10	10	10	10	10	10	10	10	10	10	10	8	8	Reeves			
30.5m Boom Length	Boom Length (m)		30.5														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	8.0	115.2	115.3	113.4	111.6	110.0	108.0	106.5	104.9	102.5	101.4	100.2	98.4	95.8	93.4	8.0	
		9.0	107.3	107.4	105.6	103.9	102.5	100.7	99.3	97.7	95.5	94.5	93.4	91.7	89.3	87.1	9.0	
		10.0	95.7	95.8	94.1	92.5	91.2	89.4	88.1	86.7	84.6	83.7	82.7	81.0	78.8	76.7	10.0	
		12.0	72.9	73.0	71.5	70.0	68.8	67.2	66.0	64.7	62.8	62.0	61.1	59.6	57.6	55.7	12.0	
		14.0	55.6	55.8	54.3	53.0	51.8	50.4	49.3	48.1	46.3	45.5	44.7	43.3	41.5	39.7	14.0	
		16.0	44.0	44.2	42.8	41.6	40.5	39.1	38.1	37.0	35.3	34.5	33.7	32.5	30.7	29.1	16.0	
		18.0	35.7	35.9	34.6	33.4	32.4	31.1	30.1	29.0	27.5	27.5	25.9	24.8	23.1	21.6	18.0	
		20.0	29.3	29.5	28.2	27.1	26.1	24.9	23.9	22.9	21.4	21.4	19.9	18.8	17.2	15.8	20.0	
	22.0	24.2	24.4	23.2	22.2	21.1	20.0	19.0	18.1	16.7	16.7	15.2	14.2	12.6	11.2	22.0		
24.0	20.2	20.4	19.2	18.2	17.2	16.1	15.1	14.2	12.9	12.9	11.5	10.5	9.0	7.7	24.0			
Reeves	10	10	10	10	10	10	8	8	8	8	8	8	8	7	Reeves			
33.5m Boom Length	Boom Length (m)		33.5														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	9.0	100.1	98.4	96.6	95.4	93.5	91.7	90.4	88.9	86.7	85.7	84.7	83.0	80.7	78.5	9.0	
		10.0	95.5	93.9	92.2	91.1	89.3	87.6	86.4	85.0	82.9	82.0	81.1	79.5	77.3	75.2	10.0	
		12.0	74.6	73.1	71.5	70.6	68.9	67.4	66.3	65.0	63.2	62.4	61.5	60.1	58.1	56.3	12.0	
		14.0	57.2	55.8	54.4	53.5	52.0	50.6	49.5	48.3	46.6	45.9	45.1	43.8	42.0	40.3	14.0	
		16.0	45.6	44.2	42.9	42.0	40.6	39.3	38.3	37.2	35.6	34.9	34.1	32.9	31.2	29.6	16.0	
		18.0	37.2	35.9	34.7	33.8	32.5	31.2	30.3	29.3	27.7	27.0	26.3	25.2	23.6	22.1	18.0	
		20.0	30.7	29.5	28.3	27.5	26.2	25.0	24.1	23.1	21.6	21.0	20.3	19.2	17.6	16.2	20.0	
		22.0	25.6	24.4	23.2	22.5	21.2	20.1	19.2	18.3	16.9	16.9	15.5	14.5	13.0	11.7	22.0	
	24.0	21.4	20.3	19.2	18.4	17.3	16.2	15.3	14.4	13.1	13.1	11.7	10.7	9.3	8.0	24.0		
26.0	18.1	17.0	16.0	15.2	14.1	13.0	12.1	11.3	10.0	10.0	8.7	7.8	6.4		26.0			
Reeves	8	8	8	8	7	7	7	7	7	7	7	7	6	6	Reeves			

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES

36.6m Boom Length	36.6															Boom Length (m)
	Jib Length (m)	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)
	10.0	93.5	91.9	90.7	89.2	87.5	85.8	84.6	83.2	81.2	80.3	79.4	77.9	75.8	73.8	10.0
	12.0	74.5	73.0	71.9	70.6	69.0	67.5	66.4	65.2	63.4	62.6	61.8	60.4	58.5	56.7	12.0
	14.0	57.1	55.8	54.7	53.5	52.0	50.7	49.7	48.5	46.9	46.2	45.4	44.1	42.3	40.7	14.0
	16.0	45.5	44.2	43.2	42.1	40.7	39.4	38.5	37.4	35.8	35.1	34.4	33.2	31.6	30.0	16.0
	18.0	37.1	35.9	35.0	33.9	32.5	31.3	30.4	29.4	27.9	27.3	26.6	25.5	23.9	22.4	18.0
	20.0	30.6	29.4	28.5	27.5	26.2	25.1	24.2	23.2	21.8	21.2	20.5	19.5	18.0	16.6	20.0
	22.0	25.5	24.3	23.5	22.5	21.2	20.1	19.3	18.4	17.0	16.4	15.7	14.7	13.3	12.0	22.0
	24.0	21.3	20.2	19.4	18.4	17.3	16.2	15.3	14.5	13.2	12.6	11.9	11.0	9.6	8.3	24.0
Working radius (m)	26.0	18.0	16.9	16.1	15.2	14.0	13.0	12.2	11.3	10.1	9.5	8.9	7.9	6.6		26.0
	28.0	15.1	14.1	13.3	12.4	11.3	10.3	9.5	8.7	7.5	7.5	6.3				28.0
	30.0	12.9	11.9	11.1	10.2	9.2	8.2	7.4	6.6	5.5	5.5					30.0
	Reeves	7	7	7	7	7	7	7	7	7	6	6	6	6	6	Reeves

39.6m Boom Length	39.6															Boom Length (m)
	Jib Length (m)	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)
	10.0	86.0	84.3	82.9	81.2	79.9	78.8	77.1	75.2	74.8	72.7	70.9	69.1	67.1	65.0	10.0
	12.0	73.2	72.2	70.7	69.4	67.8	66.9	65.4	64.1	62.4	61.6	60.8	59.5	57.6	55.8	12.0
	14.0	57.1	56.1	54.7	53.5	52.1	51.2	49.8	48.7	47.0	46.3	45.6	44.4	42.6	41.0	14.0
	16.0	45.4	44.5	43.2	42.1	40.7	39.9	38.6	37.5	36.0	35.3	34.6	33.5	31.9	30.4	16.0
	18.0	37.1	36.1	34.9	33.9	32.6	31.8	30.5	29.5	28.1	27.5	26.8	25.7	24.2	22.8	18.0
	20.0	30.5	29.7	28.5	27.5	26.2	25.5	24.3	23.4	22.0	21.4	20.7	19.7	18.2	16.9	20.0
	22.0	25.4	24.5	23.4	22.5	21.3	20.6	19.4	18.5	17.2	16.6	15.9	15.0	13.6	12.3	22.0
	24.0	21.2	20.4	19.3	18.4	17.3	16.6	15.4	14.6	13.3	12.7	12.1	11.2	9.8	8.6	24.0
Working radius (m)	26.0	17.8	17.0	15.9	15.0	13.9	13.2	12.1	11.3	10.1	9.5	8.9	8.0	6.7		26.0
	28.0	15.0	14.2	13.2	12.3	11.3	10.6	9.5	8.7	7.5	7.0	6.4	5.5			28.0
	30.0	12.7	11.9	10.9	10.0	9.0	8.3	7.3	6.5	5.4	5.4					30.0
	32.0	10.6	9.8	8.9	8.1	7.1	6.4	5.4								32.0
	Reeves	7	7	7	7	6	6	6	6	6	6	6	6	5	5	Reeves

42.7m Boom Length	42.7															Boom Length (m)
	Jib Length (m)	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)
	10.0	71.6	70.2	68.8	67.5	66.5	65.1	63.5	62.3	60.6	59.9	59.1	57.7	55.9	54.2	10.0
	12.0	57.3	56.0	54.7	53.5	52.6	51.3	49.8	48.7	47.1	46.5	45.8	44.5	42.9	41.3	12.0
	14.0	45.7	44.4	43.2	42.1	41.2	40.0	38.6	37.6	36.1	35.5	34.8	33.7	32.1	30.6	14.0
	16.0	37.2	36.1	34.9	33.8	33.0	31.9	30.6	29.6	28.2	27.6	27.0	25.9	24.4	23.0	16.0
	18.0	30.6	29.5	28.4	27.4	26.5	25.4	24.2	23.3	22.0	21.4	20.8	19.8	18.3	17.0	18.0
	20.0	25.3	24.3	23.2	22.2	21.4	20.4	19.2	18.3	17.0	16.5	15.9	14.9	13.6	12.3	20.0
	22.0	21.2	20.1	19.1	18.2	17.4	16.4	15.2	14.4	13.2	12.6	12.0	11.1	9.8	8.6	22.0
	24.0	17.8	16.8	15.8	14.9	14.1	13.1	12.0	11.2	10.0	9.5	8.9	8.0	6.8		24.0
Working radius (m)	26.0	14.9	13.9	12.9	12.1	11.3	10.4	9.3	8.5	7.4	6.9	6.3	5.4			26.0
	28.0	12.5	11.6	10.6	9.8	9.0	8.1	7.1	6.3	5.2	5.2					28.0
	30.0	10.5	9.6	8.7	7.8	7.1	6.2	5.2								30.0
	32.0	8.7	7.8	6.9	6.1	5.4										32.0
	Reeves	6	6	6	6	5	5	5	5	5	5	5	5	5	5	Reeves

45.7m Boom Length	45.7															Boom Length (m)
	Jib Length (m)	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)
	10.0	65.5	64.2	63.4	62.0	60.9	59.3	57.8	56.4	55.8	54.1	53.2	51.9	50.1	48.4	10.0
	12.0	57.3	56.0	54.7	54.0	52.6	51.3	49.9	48.8	47.2	46.6	45.9	44.7	43.1	41.5	12.0
	14.0	45.6	44.4	43.2	42.5	41.2	40.0	38.7	37.7	36.2	35.6	35.0	33.9	32.3	30.9	14.0
	16.0	37.2	36.0	34.9	34.2	33.0	31.9	30.6	29.7	28.3	27.7	27.1	26.1	24.6	23.2	16.0
	18.0	30.5	29.4	28.3	27.7	26.5	25.5	24.3	23.4	22.1	21.5	20.9	19.9	18.5	17.2	18.0
	20.0	25.3	24.2	23.2	22.5	21.4	20.4	19.3	18.4	17.1	16.6	16.0	15.1	13.7	12.5	20.0
	22.0	21.1	20.1	19.0	18.5	17.4	16.4	15.3	14.5	13.2	12.7	12.2	11.3	10.0	8.8	22.0
	24.0	17.7	16.7	15.7	15.1	14.1	13.1	12.1	11.3	10.1	9.6	9.0	8.2	6.9		24.0
Working radius (m)	26.0	14.8	13.9	12.9	12.3	11.3	10.4	9.3	8.6	7.4	6.9	6.4	5.5			26.0
	28.0	12.4	11.5	10.5	10.0	9.0	8.1	7.1	6.3	5.2	5.2					28.0
	30.0	10.4	9.5	8.6	8.0	7.0	6.2	5.2								30.0
	32.0	8.6	7.7	6.8	6.3	5.3										32.0
	Reeves	5	5	5	5	5	5	5	5	5	5	4	4	4	4	Reeves

48.8m Boom Length	48.8															Boom Length (m)
	Jib Length (m)	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)
	10.0	65.4	64.4	63.2	61.7	60.8	59.2	57.8	56.1	55.8	54.0	52.5	50.6	49.3	47.3	10.0
	12.0	55.8	54.5	53.6	52.5	51.2	49.9	48.5	47.4	46.8	46.2	44.6	43.4	41.8	40.3	12.0
	14.0	45.5	44.3	43.5	42.4	41.2	40.0	38.7	37.7	37.2	36.6	35.1	34.0	32.4	31.0	14.0
	16.0	37.1	35.9	35.2	34.2	33.0	31.9	30.6	29.7	29.2	28.6	27.2	26.2	24.7	23.4	16.0
	18.0	30.4	29.4	28.6	27.7	26.5	25.5	24.3	23.4	22.9	22.4	21.0	20.0	18.7	17.4	18.0
	20.0	25.2	24.1	23.4	22.5	21.4	20.4	19.3	18.4	17.9	17.4	16.1	15.2	13.9	12.6	20.0
	22.0	21.0	20.0	19.3	18.4	17.3	16.4	15.3	14.5	14.5	13.5	12.2	11.3	10.1	8.9	22.0
	24.0	17.6	16.6	15.9	15.1	14.0	13.1	12.1	11.3	10.3	10.3	9.1	8.2	7.0		24.0
Working radius (m)	26.0	14.7	13.7	13.1	12.2	11.2	10.3	9.3	8.6	8.6	7.6	6.4	5.6			26.0
	28.0	12.3	11.4	10.7	9.9	8.9	8.0	7.0	6.3	6.3	5.4					28.0
	30.0	10.2	9.3	8.6	7.8	6.9	6.0	5.1								30.0
	32.0	8.4	7.5	6.8	6.1	5.1										32.0
	Reeves	5	5	5	5	5	5	5	5	5	5	4	4	4	4	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



51.8m Boom Length	Boom Length (m)		51.8														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	12.0	65.7	64.3	63.1	61.7	60.7	59.1	57.7	56.9	55.8	54.1	52.5	50.7	49.4	47.5	12.0	Working radius (m)
		14.0	52.0	51.1	49.9	48.8	47.4	46.2	44.8	44.7	43.9	42.6	41.0	39.8	38.2	36.7	14.0	
		16.0	45.3	44.5	43.3	42.3	41.0	39.9	38.6	38.5	37.7	36.5	35.0	34.0	32.5	31.0	16.0	
		18.0	37.0	36.2	35.1	34.1	32.9	31.9	30.6	30.5	29.8	28.7	27.3	26.3	24.8	23.5	18.0	
		20.0	30.3	29.6	28.6	27.6	26.5	25.4	24.3	24.2	23.5	22.4	21.1	20.1	18.8	17.5	20.0	
		22.0	25.1	24.4	23.3	22.4	21.4	20.4	19.2	19.2	18.5	17.4	16.2	15.3	14.0	12.8	22.0	
		24.0	20.9	20.2	19.2	18.3	17.3	16.3	15.3	15.2	14.5	13.5	12.3	11.4	10.2	9.0	24.0	
		26.0	17.5	16.8	15.9	15.0	14.0	13.1	12.0	12.0	11.3	10.3	9.2	8.3	7.1	6.0	26.0	
		28.0	14.6	13.9	13.0	12.2	11.2	10.3	9.3	9.2	8.6	7.6	6.5	5.7			28.0	
		30.0	12.2	11.5	10.6	9.8	8.9	8.0	7.0	7.0	6.3	5.4					30.0	
		32.0	10.1	9.4	8.5	7.8	6.8	6.0	5.0	5.0							32.0	
		34.0	8.3	7.6	6.8	6.0	5.1										34.0	
		36.0	6.8	6.1	5.3												36.0	
		38.0	5.4														38.0	
		Reeves	5	5	5	5	5	5	5	5	5	5	4	4	4	4	Reeves	

54.9m Boom Length	Boom Length (m)		54.9														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	14.0	51.2	50.0	48.8	47.7	46.4	45.2	44.6	43.6	42.9	41.6	40.0	38.9	37.3	35.8	14.0	Working radius (m)
		16.0	44.4	43.3	42.2	41.1	39.9	38.8	38.3	37.3	36.6	35.4	34.0	32.9	31.4	30.0	16.0	
		18.0	37.1	51.2	34.9	34.0	32.8	31.7	31.3	30.4	29.7	28.6	27.2	26.2	24.8	23.5	18.0	
		20.0	30.4	29.4	28.4	27.4	26.3	25.3	24.9	24.1	23.4	22.3	21.0	20.1	18.7	17.5	20.0	
		22.0	25.2	24.2	23.2	22.3	21.2	20.2	19.8	19.0	18.4	17.4	16.1	15.2	13.9	12.7	22.0	
		24.0	21.0	20.0	19.0	18.2	17.1	16.2	15.8	15.0	14.4	13.4	12.2	11.4	10.1	9.0	24.0	
		26.0	17.5	16.5	15.6	14.7	13.7	12.8	12.5	11.7	11.1	10.2	9.0	8.2	7.0	5.9	26.0	
		28.0	14.6	13.7	12.8	12.0	11.0	10.1	9.8	9.1	8.5	7.5	6.4	5.6			28.0	
		30.0	12.1	11.2	10.3	9.5	8.6	7.7	7.4	6.7	6.1	5.2					30.0	
		32.0	10.0	9.1	8.2	7.5	6.5	5.7	5.4								32.0	
		34.0	8.2	7.3	6.4	5.7											34.0	
		36.0	6.6	5.8	4.9												36.0	
		38.0	5.2														38.0	
		Reeves	4	4	4	4	4	4	4	4	4	4	3	3	3	3	Reeves	

57.9m Boom Length	Boom Length (m)		57.9														Boom Length (m)	
	Jib Length (m)		21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0	Jib Length (m)	
	Working radius (m)	14.0	50.4	49.2	48.0	46.9	45.7	45.2	43.9	42.9	42.2	40.9	39.4	38.2	36.6	35.2	14.0	Working radius (m)
		16.0	42.5	41.3	40.2	39.2	37.9	37.6	36.3	35.4	34.8	33.6	32.1	31.1	29.6	28.2	16.0	
		18.0	36.7	35.7	34.6	33.6	32.4	32.1	30.9	30.1	29.5	28.3	27.0	26.0	24.6	23.3	18.0	
		20.0	30.4	29.3	28.3	27.4	26.3	26.0	24.8	24.0	23.4	22.4	21.1	20.1	18.8	17.6	20.0	
		22.0	25.1	24.1	23.1	22.2	21.1	20.8	19.8	19.0	18.4	17.4	16.1	15.3	14.0	12.8	22.0	
		24.0	20.9	19.9	19.0	18.1	17.1	16.8	15.8	15.0	14.5	13.5	12.3	11.4	10.2	9.1	24.0	
		26.0	17.4	16.4	15.5	14.7	13.7	13.4	12.4	11.7	11.1	10.2	9.0	8.2	7.0	5.9	26.0	
		28.0	14.6	13.6	12.7	11.9	11.0	10.7	9.7	9.1	8.5	7.6	6.4	5.6			28.0	
		30.0	12.0	11.1	10.3	9.5	8.5	8.3	7.3	6.7	6.1	5.2					30.0	
		32.0	9.9	9.0	8.2	7.4	6.5	6.2	5.3								32.0	
		34.0	8.1	7.2	6.4	5.6											34.0	
		36.0	6.5	5.7	4.9												36.0	
		38.0	5.1														38.0	
		Reeves	4	4	4	4	4	4	4	4	4	4	3	3	3	3	Reeves	

61.0m Boom Length	Boom Length (m)		61.0														Boom Length (m)	
	Jib Length (m)		30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	57.9	61.0				Jib Length (m)	
	Working radius (m)	14.0	46.2	46.1	44.7	43.6	42.1	41.3	40.0	38.5	37.3	35.8	34.3				14.0	Working radius (m)
		16.0	38.4	37.9	36.8	35.6	34.7	34.0	32.8	31.4	30.4	28.9	27.6				16.0	
		18.0	32.6	32.1	31.1	30.0	29.1	28.5	27.4	26.1	25.1	23.7	22.4				18.0	
		20.0	27.2	26.7	25.8	24.7	23.9	23.3	22.2	20.9	20.0	18.7	17.5				20.0	
		22.0	22.1	21.7	20.8	19.7	18.9	18.4	17.4	16.1	15.3	14.0	12.9				22.0	
		24.0	17.9	17.5	16.6	15.6	14.9	14.3	13.3	12.1	11.3	10.1	9.0				24.0	
		26.0	14.6	14.2	13.3	12.3	11.6	11.1	10.2	9.0	8.2	7.0	6.0				26.0	
		28.0	11.7	11.4	10.5	9.6	8.9	8.3	7.4	6.3	5.5						28.0	
		30.0	9.3	8.9	8.1	7.2	6.5	6.0	5.1								30.0	
		32.0	7.3	6.9	6.1	5.2											32.0	
		34.0	5.5	5.2													34.0	
		Reeves	4	4	4	4	4	4	3	3	3	3	3				Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

LIFTING CAPACITIES

Luffing Jib Lifting Capacities																			Counterweight: 90.4 t Carbody Weight: 27.5 t			
																			Unit: metric ton			
21.3m Boom Length	Boom Length (m)		21.3																Boom Length (m)			
	Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	9.8		80.0																		9.8	
	10.0		79.3																		10.0	
	12.0		72.2						70.0						70.0						12.0	
	14.0		65.1	65.7					64.6						64.7						14.0	
	16.0		58.0	58.7					58.6	58.6					58.6	58.6					16.0	
	18.0		50.9	54.2	53.5				52.5	54.0	53.4				52.9	53.5					18.0	
	20.0		43.8	47.6	46.7				46.5	47.6	46.6				47.2	47.5	46.4				20.0	
	22.0		36.7	42.1	41.4	40.6			41.1	42.1	41.2	40.5			41.5	42.0	41.1				22.0	
	24.0		27.9	37.8	37.1	36.3	35.6		34.2	37.8	36.9	36.3			36.9	37.7	36.8	36.1			24.0	
	26.0				33.5	32.9	32.2		27.7	34.2	33.4	32.8	32.1		31.7	34.1	33.3	32.7			26.0	
	28.0					30.0	29.4	28.8		29.1	30.5	29.9	29.2		26.6	31.1	30.3	29.8	29.1		28.0	
	30.0						27.0	26.5			27.9	27.5	26.8	26.4		27.8	27.8	27.3	26.7		30.0	
	32.0							24.4				25.3	24.8	24.3			25.7	25.2	24.6	24.2	32.0	
	34.0												23.0	22.6				23.4	22.8	22.4	34.0	
	36.0													21.0					21.3	20.9	36.0	
	38.0																			19.5	38.0	
	Reeves		6						6						6						Reeves	

Working radius (m)	Boom Length (m)		21.3										Boom Length (m)			
	Jib Length (m)		30.5					33.5					Jib Length (m)			
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	12.0		66.1												12.0	
	14.0		61.6						54.0						14.0	
	16.0		56.8						51.9						16.0	
	18.0		51.9	53.2					49.2	52.5					18.0	
	20.0		47.1	47.4					46.5	47.3					20.0	
	22.0		42.0	41.9	41.1				42.0	41.9	40.9				22.0	
	24.0		37.3	37.6	36.8				37.4	37.5	36.6				24.0	
	26.0		33.5	34.0	33.3	32.6			33.6	34.0	33.1				26.0	
	28.0		29.5	31.0	30.3	29.7			30.4	31.0	30.2	29.6			28.0	
	30.0		25.3	28.4	27.8	27.2	26.6		27.3	28.4	27.7	27.2			30.0	
	32.0		21.2	26.3	25.7	25.1	24.6		23.8	26.2	25.5	25.1	24.4		32.0	
	34.0			22.1	23.8	23.3	22.8	22.3	20.4	24.3	23.7	23.2	22.6		34.0	
	36.0				22.2	21.7	21.2	20.8		21.5	22.1	21.6	21.1	20.7	36.0	
	38.0					20.3	19.8	19.4			20.6	20.2	19.7	19.3	38.0	
40.0						18.6	18.2				19.0	18.5	18.1	40.0		
42.0							17.1					17.4	17.0	42.0		
44.0													16.0	44.0		
Reeves		5					4					Reeves				

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody aWeight: 27.5 t

Unit: metric ton

21.3m Boom Length

Boom Length (m)		21.3																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	47.7																		14.0	Working radius (m)
	16.0	46.3						39.5						33.9						16.0	
	18.0	44.6						38.7						33.2						18.0	
	20.0	42.8	45.4					37.6	38.7					32.6						20.0	
	22.0	40.8	41.8					36.3	38.1					32.0	32.6					22.0	
	24.0	37.8	37.4	36.6				34.8	36.5					31.1	32.0					24.0	
	26.0	33.9	33.9	33.1				33.1	33.8	33.1				30.2	31.5	32.0				26.0	
	28.0	30.7	30.9	30.2	29.5			31.0	30.8	30.1				28.8	30.2	30.1				28.0	
	30.0	27.9	28.3	27.7	27.0			28.2	28.3	27.6	27.0			27.4	28.2	27.6				30.0	
	32.0	25.3	26.1	25.5	24.9			25.8	26.1	25.5	24.9			25.9	26.0	25.4	24.8			32.0	
	34.0	22.6	24.2	23.7	23.1	22.6		23.8	24.2	23.6	23.1			23.8	24.1	23.6	23.0			34.0	
	36.0	19.7	22.6	22.0	21.5	21.0		21.4	22.5	22.0	21.5	21.0		22.0	22.5	21.9	21.4	20.9		36.0	
	38.0	16.7	20.5	20.6	20.1	19.6	19.2	18.9	21.1	20.6	20.1	19.6		20.1	21.0	20.5	20.0	19.5		38.0	
	40.0		17.6	19.3	18.9	18.4	18.0	16.4	19.7	19.3	18.8	18.3	17.9	18.0	19.7	19.2	18.7	18.3		40.0	
	42.0			18.2	17.7	17.3	16.9		17.2	18.1	17.7	17.2	16.8	15.9	18.5	18.1	17.6	17.2	16.8	42.0	
	44.0				16.7	16.3	15.9			17.1	16.7	16.3	15.9	13.7	16.6	17.0	16.6	16.2	15.8	44.0	
	46.0					15.4	15.0				15.7	15.4	15.0		14.4	16.1	15.7	15.3	14.9	46.0	
	48.0											14.5	14.2			15.1	14.9	14.5	14.1	48.0	
	50.0												13.4				14.1	13.7	13.4	50.0	
	52.0																		13.1	12.7	
Reeves		4						3						3						Reeves	

Working radius (m)

Boom Length (m)		21.3												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	29.4												16.0	Working radius (m)
	18.0	28.7						24.4						18.0	
	20.0	28.1						23.8						20.0	
	22.0	27.5	28.1					23.3						22.0	
	24.0	27.0	27.5					22.8	23.3					24.0	
	26.0	26.5	27.0					22.4	22.8					26.0	
	28.0	25.9	26.6	27.0				21.9	22.4					28.0	
	30.0	24.7	25.9	26.6				20.9	22.0	22.4				30.0	
	32.0	23.5	24.7	25.3				19.9	20.9	22.0				32.0	
	34.0	22.4	23.5	23.4	22.9			18.9	19.9	20.9	22.0			34.0	
	36.0	21.4	22.3	21.8	21.3			18.1	19.0	19.9	20.9			36.0	
	38.0	20.3	20.9	20.4	19.8	19.4		17.3	18.1	19.0	19.8			38.0	
	40.0	18.9	19.6	19.1	18.6	18.1		16.5	17.3	18.1	18.6	18.1		40.0	
	42.0	16.9	18.4	17.9	17.5	17.0		15.9	16.6	17.3	17.5	17.0		42.0	
	44.0	15.1	17.3	16.9	16.5	16.0	15.6	14.9	15.9	16.6	16.4	16.0		44.0	
	46.0	13.3	15.8	16.0	15.5	15.1	14.8	14.0	15.3	15.9	15.5	15.1	14.7	46.0	
	48.0		14.0	15.1	14.7	14.3	14.0	13.0	14.8	15.1	14.7	14.3	13.9	48.0	
	50.0			14.3	14.0	13.6	13.2	11.2	13.6	14.3	13.9	13.6	13.2	50.0	
52.0				13.3	12.9	12.6		11.9	13.6	13.2	12.9	12.5	52.0		
54.0					12.3	12.0			12.5	12.6	12.2	11.9	54.0		
56.0						11.4				12.0	11.7	11.3	56.0		
58.0												10.8	58.0		
Reeves		3						2						Reeves	

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody aWeight: 27.5 t

Unit: metric ton

21.3m Boom Length	Boom Length (m)		21.3																		Boom Length (m)		
	Jib Length (m)		51.8						54.9						57.9						Jib Length (m)		
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)		
	Working radius (m)	18.0	26.6																			18.0	Working radius (m)
		20.0	26.0						23.4						20.9							20.0	
		22.0	24.9						22.7						20.4							22.0	
		24.0	23.8	24.3					21.7						19.5							24.0	
		26.0	22.7	23.2					20.6	21.3					18.5	19.2						26.0	
		28.0	21.6	22.1					19.4	20.2					17.5	18.2						28.0	
		30.0	20.4	21.1	21.6				18.4	19.1					16.6	17.2						30.0	
		32.0	19.2	20.0	20.6				17.4	18.1	18.7				15.8	16.3						32.0	
		34.0	18.2	18.9	19.5				16.5	17.1	17.7				15.0	15.5	16.1					34.0	
		36.0	17.2	17.9	18.6	19.1			15.6	16.2	16.8				14.2	14.7	15.3					36.0	
		38.0	16.3	17.0	17.6	18.1			14.9	15.4	16.0	16.5			13.5	14.0	14.5					38.0	
		40.0	15.3	16.0	16.6	17.2			14.1	14.7	15.2	15.7			12.9	13.4	13.8	14.3				40.0	
		42.0	14.3	15.0	15.7	16.3	16.8		13.4	14.0	14.5	15.0			12.3	12.7	13.2	13.6				42.0	
		44.0	13.4	14.1	14.8	15.4	15.8		12.8	13.3	13.8	14.3	14.7		11.7	12.2	12.6	13.0				44.0	
		46.0	12.5	13.2	13.9	14.6	14.9		12.2	12.7	13.2	13.6	14.1		11.2	11.6	12.0	12.4	12.8			46.0	
		48.0	11.6	12.3	13.1	13.7	14.1	13.7	11.6	12.1	12.6	13.0	13.4		10.7	11.1	11.5	11.9	12.3			48.0	
		50.0	10.7	11.5	12.2	12.9	13.3	12.9	11.1	11.5	12.0	12.4	12.8	12.9	10.2	10.6	11.0	11.4	11.7			50.0	
		52.0	9.7	10.6	11.4	12.0	12.6	12.3	10.3	11.0	11.4	11.9	12.3	12.2	9.8	10.2	10.5	10.9	11.2	11.6		52.0	
		54.0		9.7	10.5	11.2	11.9	11.7	9.5	10.3	10.9	11.4	11.7	11.6	9.3	9.7	10.1	10.4	10.8	11.1		54.0	
		56.0			9.6	10.4	11.1	11.1	8.6	9.5	10.2	10.8	11.2	11.0	8.9	9.3	9.7	10.0	10.3	10.6		56.0	
		58.0				9.6	10.3	10.6		8.6	9.4	10.1	10.7	10.5	8.2	8.9	9.3	9.6	9.9	10.2		58.0	
		60.0					9.5	10.1			8.6	9.4	10.0	10.0		8.2	8.8	9.2	9.5	9.8		60.0	
		62.0						9.3				8.6	9.3	9.6			8.1	8.8	9.1	9.4		62.0	
		64.0												9.1				8.1	8.7	9.0		64.0	
		66.0																	8.0	8.6		66.0	
		68.0																		8.0		68.0	
	Reeves		2						2						2						Reeves		

Boom Length (m)		21.3						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	20.0	18.4						20.0	Working radius (m)
	22.0	18.3						22.0	
	24.0	17.6						24.0	
	26.0	16.7						26.0	
	28.0	15.8	16.4					28.0	
	30.0	15.0	15.6					30.0	
	32.0	14.3	14.8					32.0	
	34.0	13.6	14.0	14.5				34.0	
	36.0	12.9	13.4	13.8				36.0	
	38.0	12.3	12.7	13.2				38.0	
	40.0	11.7	12.2	12.6				40.0	
	42.0	11.2	11.6	12.0	12.4			42.0	
	44.0	10.7	11.1	11.5	11.8			44.0	
	46.0	10.3	10.6	11.0	11.3			46.0	
	48.0	9.8	10.2	10.5	10.8	11.2		48.0	
	50.0	9.4	9.7	10.1	10.4	10.7		50.0	
	52.0	9.0	9.3	9.7	10.0	10.3		52.0	
	54.0	8.6	9.0	9.3	9.6	9.9	10.1	54.0	
	56.0	8.3	8.6	8.9	9.2	9.5	9.7	56.0	
	58.0	7.9	8.2	8.5	8.8	9.1	9.4	58.0	
60.0	7.6	7.9	8.2	8.5	8.7	9.0	60.0		
62.0	7.0	7.5	7.9	8.1	8.4	8.7	62.0		
64.0		7.0	7.5	7.8	8.1	8.3	64.0		
66.0			7.0	7.5	7.8	8.0	66.0		
68.0					7.5	7.7	68.0		
70.0						7.4	70.0		
Reeves		2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

24.4m Boom Length

Boom Length (m)		24.4																		Boom Length (m)	
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	10.0	76.3																		10.0	
	12.0	69.9						68.6						68.8						12.0	
	14.0	63.4	65.6					63.2						63.4						14.0	
	16.0	57.0	58.6					57.7	58.4					58.0	58.4					16.0	
	18.0	50.5	54.1	53.2				52.3	53.8					52.6	53.3					18.0	
	20.0	44.1	47.5	46.4				46.7	47.4	46.3				47.2	47.3	46.1				20.0	
	22.0	37.6	42.0	41.1	40.2			41.4	42.0	41.0				41.8	41.9	40.8				22.0	
	24.0	28.9	37.7	36.8	36.0			34.9	37.7	36.7	35.9			37.0	37.5	36.5				24.0	
	26.0		31.5	33.3	32.5	31.8		28.4	34.1	33.2	32.5			32.3	34.0	33.0	32.3			26.0	
	28.0			30.3	29.7	29.0	28.3		30.7	30.2	29.6	28.8		27.2	31.0	30.1	29.5			28.0	
	30.0				27.2	26.6	26.0			27.8	27.2	26.4	25.9	21.8	28.4	27.6	27.0	26.3		30.0	
	32.0					24.5	24.0				25.1	24.4	23.9		23.8	25.5	24.9	24.2	23.7	32.0	
	34.0						22.2						22.6	22.1			23.6	23.1	22.5	22.0	34.0
	36.0												20.6				21.5	20.9	20.5	36.0	
	38.0																	19.6	19.1	38.0	
	40.0																		17.9	40.0	
Reeves		6						6						6						Reeves	

Working radius (m)

Boom Length (m)		24.4												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	12.0	66.3												12.0
	14.0	61.5						54.0						14.0
	16.0	56.7						52.0						16.0
	18.0	51.8	53.0					49.3	52.4					18.0
	20.0	47.0	47.2					46.7	47.2					20.0
	22.0	42.2	41.8	40.8				42.4	41.8					22.0
	24.0	37.5	37.5	36.5				37.6	37.4	36.4				24.0
	26.0	33.6	33.9	33.0	32.2			33.7	33.8	32.9				26.0
	28.0	30.1	30.9	30.1	29.3			30.5	30.9	30.0	29.3			28.0
	30.0	25.9	28.3	27.6	26.9	26.2		27.7	28.3	27.5	26.9			30.0
	32.0	21.7	26.2	25.5	24.8	24.2		24.3	26.1	25.3	24.8	24.0		32.0
	34.0		23.2	23.6	23.0	22.4	21.9	20.9	24.2	23.5	23.0	22.3		34.0
	36.0			22.0	21.4	20.9	20.3		22.4	21.9	21.4	20.7	20.2	36.0
	38.0				20.0	19.5	19.0		18.8	20.5	20.0	19.4	18.9	38.0
	40.0					18.3	17.8			19.2	18.7	18.1	17.7	40.0
	42.0						16.8				17.6	17.1	16.7	42.0
	44.0											16.1	15.7	44.0
	46.0												14.8	46.0
Reeves		5						4						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

24.4m Boom Length

Boom Length (m)	24.4																		Boom Length (m)	
Jib Length (m)	36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	47.7											33.9						14.0	
	16.0	46.3					39.6												16.0	
	18.0	44.7					38.7						33.2						18.0	
	20.0	43.0	45.7				37.5	38.8					32.6						20.0	
	22.0	41.0	41.7				36.4	38.2					32.0	32.7					22.0	
	24.0	38.0	37.3	36.4			34.8	36.8					31.1	32.1					24.0	
	26.0	34.1	33.7	32.9			33.1	33.7	32.8				30.2	31.6					26.0	
	28.0	30.8	30.8	29.9			31.2	30.7	29.9				28.8	30.4	29.9				28.0	
	30.0	28.0	28.2	27.5	26.7		28.3	28.2	27.4				27.5	28.1	27.4				30.0	
	32.0	25.6	26.0	25.3	24.6		25.9	26.0	25.3	24.6			26.0	26.0	25.2	24.5			32.0	
	34.0	23.0	24.1	23.5	22.8	22.2	23.8	24.1	23.4	22.8			23.9	24.1	23.4	22.7			34.0	
	36.0	20.1	22.5	21.9	21.3	20.7	21.7	22.4	21.8	21.2	20.6		22.1	22.4	21.8	21.2			36.0	
	38.0	17.2	21.0	20.4	19.9	19.3	18.8	19.2	21.0	20.4	19.8	19.3	20.5	20.9	20.3	19.8	19.2		38.0	
	40.0		18.4	19.2	18.6	18.1	17.6	16.8	19.7	19.1	18.6	18.0	17.5	18.3	19.6	19.1	18.5	18.0	40.0	
	42.0			18.0	17.5	17.0	16.5		17.9	18.0	17.5	17.0	16.5	16.2	18.5	17.9	17.4	16.9	16.4	42.0
	44.0				16.5	16.0	15.6			16.9	16.5	16.0	15.5	14.0	17.2	16.9	16.4	15.9	15.4	44.0
	46.0					15.2	14.7			16.0	15.5	15.1	14.7		15.0	16.0	15.5	15.0	14.6	46.0
	48.0						13.9				14.7	14.3	13.9			15.1	14.7	14.2	13.8	48.0
50.0											13.5	13.1				13.9	13.5	13.1	50.0	
52.0												12.5					12.8	12.4	52.0	
54.0																		11.8	54.0	
Reeves	4						3						3						Reeves	

Boom Length (m)	24.4												Boom Length (m)	
Jib Length (m)	45.7						48.8						Jib Length (m)	
Boom Angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	29.4											16.0	
	18.0	28.7					24.4						18.0	
	20.0	28.1					23.9						20.0	
	22.0	27.5	28.2				23.3						22.0	
	24.0	27.0	27.6				22.8	23.4					24.0	
	26.0	26.5	27.1				22.4	22.9					26.0	
	28.0	25.9	26.6	27.2			22.0	22.4					28.0	
	30.0	24.7	26.0	26.7			21.0	22.0	22.5				30.0	
	32.0	23.5	24.8	25.1			19.9	21.1	22.1				32.0	
	34.0	22.4	23.7	23.2	22.6		19.0	20.1	21.3				34.0	
	36.0	21.4	22.3	21.6	21.0		18.1	19.1	20.2	21.0			36.0	
	38.0	20.4	20.8	20.2	19.6		17.3	18.2	19.2	19.6			38.0	
	40.0	19.0	19.5	18.9	18.4	17.8	16.6	17.4	18.3	18.3			40.0	
	42.0	17.2	18.3	17.8	17.2	16.7	15.9	16.7	17.5	17.2	16.7		42.0	
	44.0	15.4	17.3	16.7	16.2	15.8	15.3	14.9	16.0	16.7	16.2	15.7	44.0	
	46.0	13.6	16.3	15.8	15.3	14.9	14.4	14.1	15.4	15.8	15.3	14.9	14.4	46.0
	48.0		14.5	15.0	14.5	14.1	13.6	13.3	14.8	15.0	14.5	14.0	13.6	48.0
	50.0			14.2	13.8	13.3	12.9	11.5	14.1	14.2	13.7	13.3	12.9	50.0
52.0			13.4	13.1	12.7	12.3		12.4	13.5	13.0	12.6	12.2	52.0	
54.0				12.4	12.0	11.7			12.8	12.4	12.0	11.6	54.0	
56.0					11.5	11.1				11.8	11.4	11.1	56.0	
58.0						10.6					10.9	10.6	58.0	
60.0												10.1	60.0	
Reeves	3						2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom Length (m)		24.4																		Boom Length (m)	
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
24.4m Boom Length	18.0	26.2																		18.0	
	20.0	25.8					23.1							20.7						20.0	
	22.0	24.7					22.5							20.3						22.0	
	24.0	23.6					21.6							19.4						24.0	
	26.0	22.5	23.0				20.5	21.2						18.4						26.0	
	28.0	21.4	21.9				19.4	20.1						17.5	18.1					28.0	
	30.0	20.3	20.9				18.3	19.0						16.5	17.2					30.0	
	32.0	19.2	19.8	20.3			17.3	18.0	18.7					15.7	16.3					32.0	
	34.0	18.2	18.8	19.3			16.4	17.1	17.7					14.9	15.5	16.0				34.0	
	36.0	17.2	17.8	18.4			15.6	16.2	16.8					14.2	14.7	15.2				36.0	
	38.0	16.2	16.8	17.4	17.9		14.8	15.4	15.9	16.5				13.5	14.0	14.5				38.0	
	40.0	15.3	15.9	16.5	17.0		14.1	14.6	15.2	15.7				12.9	13.3	13.8	14.2			40.0	
	42.0	14.3	15.0	15.6	16.1		13.4	13.9	14.4	14.9				12.3	12.7	13.2	13.6			42.0	
	44.0	13.4	14.1	14.7	15.3	15.5		12.8	13.3	13.8	14.2	14.7		11.7	12.1	12.6	13.0			44.0	
	46.0	12.5	13.2	13.9	14.4	14.6		12.2	12.7	13.1	13.6	14.0		11.2	11.6	12.0	12.4	12.8		46.0	
	48.0	11.6	12.4	13.0	13.6	13.8	13.3	11.6	12.1	12.6	13.0	13.4		10.7	11.1	11.5	11.9	12.2		48.0	
	50.0	10.8	11.5	12.2	12.8	13.1	12.6	11.1	11.6	12.0	12.4	12.8	12.6	10.3	10.6	11.0	11.4	11.7		50.0	
	52.0	9.9	10.7	11.4	12.0	12.4	12.0	10.4	11.0	11.5	11.9	12.3	11.9	9.8	10.2	10.5	10.9	11.2	11.5	52.0	
	54.0		9.8	10.6	11.3	11.8	11.4	9.6	10.3	11.0	11.4	11.7	11.3	9.4	9.8	10.1	10.4	10.8	11.1	54.0	
	56.0			9.8	10.5	11.1	10.8	8.8	9.6	10.3	10.8	11.1	10.7	9.0	9.3	9.7	10.0	10.3	10.6	56.0	
58.0				9.7	10.4	10.3		8.8	9.5	10.1	10.6	10.2	8.3	8.9	9.3	9.6	9.9	10.1	58.0		
60.0				8.9	9.6	9.8			8.8	9.4	10.0	9.7		8.3	8.9	9.2	9.5	9.6	60.0		
62.0					8.8	9.4				8.7	9.3	9.3			8.2	8.8	9.1	9.2	62.0		
64.0						8.7					8.6	8.9				8.2	8.7	8.7	64.0		
66.0												8.5					8.1	8.4	66.0		
68.0																		8.0	68.0		
Reeves		2						2						2						Reeves	
Working radius (m)																				Working radius (m)	

24.4							Boom Length (m)
61.0							Jib Length (m)
							Boom Angle (deg)
88	83	78	73	68	63		Boom Angle (deg)
20.0	18.4						20.0
22.0	18.3						22.0
24.0	17.5						24.0
26.0	16.6						26.0
28.0	15.8	16.4					28.0
30.0	14.9	15.5					30.0
32.0	14.2	14.7					32.0
34.0	13.5	14.0					34.0
36.0	12.9	13.3	13.8				36.0
38.0	12.3	12.7	13.1				38.0
40.0	11.7	12.1	12.5				40.0
42.0	11.2	11.6	12.0	12.3			42.0
44.0	10.7	11.1	11.4	11.8			44.0
46.0	10.2	10.6	10.9	11.3			46.0
48.0	9.8	10.1	10.5	10.8	11.1		48.0
50.0	9.4	9.7	10.0	10.4	10.7		50.0
52.0	9.0	9.3	9.6	9.9	10.2		52.0
54.0	8.6	9.0	9.3	9.5	9.8	10.1	54.0
56.0	8.3	8.6	8.9	9.2	9.4	9.7	56.0
58.0	7.9	8.2	8.5	8.8	9.1	9.3	58.0
60.0	7.6	7.9	8.2	8.5	8.7	9.0	60.0
62.0	7.2	7.6	7.9	8.1	8.4	8.6	62.0
64.0		7.2	7.6	7.8	8.1	8.3	64.0
66.0			7.2	7.5	7.8	8.0	66.0
68.0				7.1	7.5	7.7	68.0
70.0					7.1	7.4	70.0
72.0						7.0	72.0
Reeves	2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.

LIFTING CAPACITIES

Luffing Jib Lifting Capacities																			Counterweight: 90.4 t Carbody Weight: 27.5 t			
																			Unit: metric ton			
27.4m Boom Length	Boom Length (m)		27.4																Boom Length (m)			
	Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	10.0		73.4																			10.0
	12.0		67.6						67.3						67.5							12.0
	14.0		61.7	65.4					62.1						62.4							14.0
	16.0		55.9	58.4					57.0	58.3					57.3	58.3						16.0
	18.0		50.1	53.9	52.8				51.9	53.7					52.2	53.2						18.0
	20.0		44.2	47.3	46.1				46.7	47.3	45.9				47.1	47.2						20.0
	22.0		38.4	41.9	40.8	39.7			41.6	41.9	40.7				42.0	41.7	40.5					22.0
	24.0		29.7	37.5	36.6	35.6			35.5	37.5	36.4	35.5			37.2	37.4	36.3					24.0
	26.0			33.5	33.1	32.2	31.4		29.1	33.9	32.9	32.1			32.8	33.8	32.8	32.0				26.0
	28.0				30.1	29.4	28.6			30.9	30.0	29.3	28.4		27.7	30.8	29.9	29.1				28.0
	30.0					26.9	26.2	25.5			27.5	26.9	26.0		22.3	28.3	27.4	26.7	25.9			30.0
	32.0						24.2	23.5			25.4	24.8	24.0	23.4		25.1	25.3	24.7	23.8			32.0
	34.0							21.8				23.0	22.3	21.7			23.5	22.9	22.1	21.5		34.0
	36.0												20.7	20.2					21.3	20.6	20.1	36.0
	38.0													18.9					19.2	18.7		38.0
	40.0																			17.6		40.0
	Reeves		6						5						5						Reeves	

Working radius (m)	Boom Length (m)		27.4										Boom Length (m)			
	Jib Length (m)		30.5					33.5					Jib Length (m)			
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	12.0		65.0												12.0	
	14.0		61.6						54.0						14.0	
	16.0		56.8						52.1						16.0	
	18.0		52.1	53.0					49.4	52.2					18.0	
	20.0		47.3	47.2					46.8	47.0					20.0	
	22.0		42.5	41.8	40.5				42.6	41.6					22.0	
	24.0		37.7	37.4	36.3				37.8	37.3	36.1				24.0	
	26.0		33.8	33.8	32.8				33.9	33.7	32.6				26.0	
	28.0		30.5	30.9	29.9	29.1			30.6	30.7	29.7				28.0	
	30.0		26.3	28.3	27.4	26.7			27.8	28.2	27.3	26.5			30.0	
	32.0		22.1	26.1	25.3	24.6	23.8		24.6	26.0	25.1	24.5			32.0	
	34.0			24.2	23.5	22.8	22.1		21.2	24.1	23.3	22.7	21.9		34.0	
	36.0				21.8	21.3	20.5	20.0	17.6	22.5	21.7	21.1	20.4		36.0	
	38.0					19.9	19.2	18.7		19.7	20.3	19.7	19.0	18.5	38.0	
	40.0					18.6	18.0	17.5			19.0	18.5	17.8	17.4	40.0	
	42.0						16.9	16.5				17.4	16.8	16.3	42.0	
	44.0							15.5					15.8	15.4	44.0	
46.0													14.5	46.0		
Reeves		5					4					Reeves				

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

27.4m Boom Length

Boom Length (m)		27.4																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	47.7																		14.0	Working radius (m)
	16.0	46.4						39.5						34.0						16.0	
	18.0	44.8						38.6						33.1						18.0	
	20.0	43.1	46.1					37.5						32.3						20.0	
	22.0	41.2	41.5					36.3	38.3					31.5	32.8					22.0	
	24.0	38.2	37.2					34.8	37.0					30.7	32.2					24.0	
	26.0	34.2	33.6	32.6				33.2	33.6	32.6				29.9	31.7					26.0	
	28.0	30.9	30.6	29.7				31.3	30.6	29.7				28.7	30.6	29.6				28.0	
	30.0	28.1	28.1	27.2	26.4			28.5	28.1	27.2				27.3	28.0	27.2				30.0	
	32.0	25.7	25.9	25.1	24.3			26.0	25.9	25.1	24.3			26.1	25.8	25.0				32.0	
	34.0	23.3	24.0	23.3	22.6			23.9	24.0	23.3	22.5			24.0	24.0	23.2	22.5			34.0	
	36.0	20.4	22.4	21.7	21.0	20.3		22.0	22.3	21.6	21.0			22.1	22.3	21.6	20.9			36.0	
	38.0	17.5	20.9	20.3	19.6	19.0		19.5	20.9	20.2	19.6	18.9		20.5	20.8	20.2	19.5			38.0	
	40.0		19.1	19.0	18.4	17.8	17.2	17.1	19.6	19.0	18.3	17.7		18.6	19.5	18.9	18.3	17.7		40.0	
	42.0			17.9	17.3	16.7	16.2		18.4	17.8	17.2	16.7	16.1	16.4	18.4	17.8	17.2	16.6		42.0	
	44.0				16.3	15.8	15.2		15.9	16.8	16.2	15.7	15.2	14.3	17.3	16.7	16.2	15.6	15.1	44.0	
	46.0				15.4	14.9	14.4			15.9	15.3	14.8	14.3		15.6	15.8	15.3	14.8	14.3	46.0	
	48.0					14.1	13.6				14.5	14.0	13.6			15.0	14.5	14.0	13.5	48.0	
	50.0						12.9					13.3	12.8				13.7	13.2	12.8	50.0	
	52.0												12.2				13.0	12.6	12.1	52.0	
	54.0																	12.0	11.5	54.0	
	56.0																		11.0	56.0	
Reeves		4						3						3						Reeves	

Boom Length (m)		27.4												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	28.7						24.5							18.0
	20.0	28.1						23.9							20.0
	22.0	27.5						23.3							22.0
	24.0	27.0	27.7					22.8	23.5						24.0
	26.0	26.5	27.2					22.4	23.0						26.0
	28.0	25.9	26.7					22.0	22.5						28.0
	30.0	24.7	26.2	26.8				21.0	22.1	22.6					30.0
	32.0	23.5	25.0	24.9				20.0	21.3	22.2					32.0
	34.0	22.4	23.8	23.0				19.0	20.2	21.6					34.0
	36.0	21.4	22.2	21.4	20.7			18.1	19.3	20.5	20.7				36.0
	38.0	20.4	20.7	20.0	19.3			17.3	18.4	19.5	19.3				38.0
	40.0	19.0	19.4	18.7	18.1	17.5		16.6	17.6	18.6	18.1				40.0
	42.0	17.5	18.2	17.6	17.0	16.4		15.9	16.8	17.6	17.0	16.4			42.0
	44.0	15.6	17.2	16.6	16.0	15.5		14.9	16.1	16.6	16.0	15.5			44.0
	46.0	13.8	16.2	15.7	15.1	14.6	14.1	14.1	15.5	15.7	15.1	14.6			46.0
	48.0		15.0	14.8	14.3	13.8	13.3	13.5	14.9	14.8	14.3	13.8	13.3		48.0
	50.0		13.0	14.1	13.6	13.1	12.6	11.8	14.4	14.1	13.5	13.1	12.6		50.0
	52.0			13.4	12.9	12.4	12.0		12.9	13.3	12.9	12.4	11.9		52.0
	54.0				12.3	11.8	11.4			12.7	12.2	11.8	11.3		54.0
	56.0					11.3	10.8				11.6	11.2	10.8		56.0
	58.0						10.3						10.7	10.3	58.0
	60.0												10.2	9.8	60.0
	62.0													9.4	62.0
Reeves		3						2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom Length (m)		27.4																		Boom Length (m)	
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
27.4m Boom Length	Working radius (m)	18.0	25.7																		18.0
		20.0	25.4					22.7						20.4						20.0	
		22.0	24.5					22.4						20.1						22.0	
		24.0	23.5					21.5						19.3						24.0	
		26.0	22.4	22.8				20.4	21.1					18.4						26.0	
		28.0	21.3	21.7				19.3	20.1					17.4	18.1					28.0	
		30.0	20.2	20.7				18.2	19.0					16.5	17.1					30.0	
		32.0	19.1	19.7	20.1			17.3	18.0					15.6	16.2					32.0	
		34.0	18.1	18.7	19.2			16.4	17.0	17.7				14.9	15.4	16.0				34.0	
		36.0	17.1	17.7	18.2			15.6	16.2	16.8				14.1	14.7	15.2				36.0	
		38.0	16.2	16.8	17.3	17.7		14.8	15.4	15.9				13.5	14.0	14.5				38.0	
		40.0	15.2	15.8	16.4	16.8		14.1	14.6	15.2	15.7			12.8	13.3	13.8				40.0	
		42.0	14.3	14.9	15.5	16.0		13.4	13.9	14.4	14.9			12.3	12.7	13.1	13.6			42.0	
		44.0	13.4	14.1	14.6	15.1	15.2	12.8	13.3	13.8	14.2			11.7	12.1	12.5	13.0			44.0	
		46.0	12.5	13.2	13.8	14.3	14.3	12.2	12.7	13.1	13.6	14.0		11.2	11.6	12.0	12.4			46.0	
		48.0	11.7	12.4	13.0	13.5	13.5	11.7	12.1	12.6	13.0	13.4		10.7	11.1	11.5	11.8	12.2		48.0	
		50.0	10.8	11.6	12.2	12.8	12.8	12.3	11.1	11.6	12.0	12.4	12.7		10.3	10.6	11.0	11.3	11.7		50.0
		52.0	10.0	10.8	11.4	12.0	12.1	11.7	10.5	11.1	11.5	11.9	12.1	11.6	9.8	10.2	10.5	10.9	11.2		52.0
		54.0		9.9	10.7	11.3	11.5	11.1	9.7	10.4	11.0	11.4	11.5	11.0	9.4	9.8	10.1	10.4	10.7	10.8	54.0
		56.0		9.1	9.9	10.5	11.0	10.5	8.9	9.6	10.3	10.8	10.9	10.5	9.0	9.4	9.7	10.0	10.3	10.3	56.0
		58.0			9.1	9.8	10.4	10.0		8.9	9.6	10.1	10.4	10.0	8.4	9.0	9.3	9.6	9.9	9.8	58.0
60.0				9.0	9.7	9.6			8.9	9.5	9.9	9.5		8.4	8.9	9.2	9.5	9.3	60.0		
62.0					9.0	9.1				8.8	9.4	9.0		7.6	8.3	8.8	9.1	8.9	62.0		
64.0						8.7					8.7	8.6			7.6	8.2	8.7	8.5	64.0		
66.0											8.0	8.3				7.6	8.1	8.1	66.0		
68.0												7.9					7.5	7.8	68.0		
70.0																		7.4	70.0		
Reeves		2						2						2						Reeves	

Boom Length (m)		27.4					Boom Length (m)	
Jib Length (m)		61.0					Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	22.0	18.1						22.0
	24.0	17.4						24.0
	26.0	16.6						26.0
	28.0	15.7	16.3					28.0
	30.0	14.9	15.5					30.0
	32.0	14.1	14.7					32.0
	34.0	13.5	14.0					34.0
	36.0	12.8	13.3	13.8				36.0
	38.0	12.2	12.7	13.1				38.0
	40.0	11.7	12.1	12.5				40.0
	42.0	11.2	11.5	11.9	12.3			42.0
	44.0	10.7	11.0	11.4	11.8			44.0
	46.0	10.2	10.6	10.9	11.3			46.0
	48.0	9.8	10.1	10.5	10.8			48.0
	50.0	9.4	9.7	10.0	10.3	10.6		50.0
	52.0	9.0	9.3	9.6	9.9	10.2		52.0
	54.0	8.6	8.9	9.2	9.5	9.8		54.0
	56.0	8.3	8.6	8.9	9.1	9.4	9.7	56.0
	58.0	8.0	8.3	8.5	8.8	9.0	9.3	58.0
	60.0	7.6	7.9	8.2	8.5	8.7	8.9	60.0
	62.0	7.3	7.6	7.9	8.1	8.4	8.6	62.0
	64.0		7.3	7.6	7.8	8.1	8.3	64.0
	66.0			7.2	7.5	7.8	8.0	66.0
	68.0				7.2	7.5	7.6	68.0
	70.0					7.1	7.3	70.0
	72.0					6.5	7.0	72.0
	74.0						6.5	74.0
	Reeves		2					Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

30.5m Boom Length

Boom Length (m)		30.5																		Boom Length (m)
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	10.0	69.9																		10.0
	12.0	66.6						66.2						65.5						12.0
	14.0	61.1						61.3						60.8						14.0
	16.0	55.6	58.3					56.5	58.1					56.2						16.0
	18.0	50.1	53.8					51.6	53.5					51.5	53.1					18.0
	20.0	44.6	47.2	45.8				46.8	47.1	45.6				46.9	47.1					20.0
	22.0	39.1	41.8	40.5				41.9	41.7	40.3				42.2	41.7	40.2				22.0
	24.0	30.5	37.5	36.3	35.3			36.1	37.4	36.1				37.4	37.4	36.0				24.0
	26.0		33.9	32.8	31.9			29.6	33.8	32.7	31.7			33.2	33.8	32.5	31.7			26.0
	28.0			29.9	29.1	28.1			30.8	29.8	28.9			28.1	30.8	29.6	28.9			28.0
	30.0				26.7	25.8			26.7	27.3	26.5	25.6		22.8	28.3	27.2	26.5			30.0
	32.0				24.6	23.8	23.1			25.2	24.5	23.6			26.1	25.1	24.4	23.4		32.0
	34.0					22.0	21.4				22.7	21.9	21.2			23.2	22.6	21.7		34.0
	36.0						19.9					20.4	19.8				21.1	20.2	19.7	36.0
	38.0												18.5				19.7	18.9	18.4	38.0
	40.0												17.3					17.7	17.2	40.0
	42.0																		16.2	42.0
Reeves		6						5						5						Reeves

Working radius (m)

Boom Length (m)		30.5												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	60.6						54.0						14.0
	16.0	56.1						52.3						16.0
	18.0	51.7	52.8					49.5						18.0
	20.0	47.2	47.0					47.0	46.7					20.0
	22.0	42.7	41.6					42.7	41.5					22.0
	24.0	37.9	37.3	36.0				38.0	37.1	35.8				24.0
	26.0	33.9	33.7	32.5				34.0	33.6	32.3				26.0
	28.0	30.6	30.7	29.6	28.7			30.7	30.6	29.5				28.0
	30.0	26.6	28.2	27.2	26.4			27.9	28.1	27.0	26.2			30.0
	32.0	22.5	26.0	25.1	24.3			24.9	25.9	24.9	24.1			32.0
	34.0		24.1	23.2	22.5	21.7		21.6	24.0	23.1	22.4	21.5		34.0
	36.0			21.6	21.0	20.2		18.0	22.4	21.5	20.8	20.0		36.0
	38.0			20.2	19.6	18.8	18.3		20.5	20.1	19.5	18.6		38.0
	40.0				18.4	17.7	17.1			18.8	18.2	17.5	16.9	40.0
	42.0					16.6	16.1				17.1	16.4	15.9	42.0
	44.0						15.2				16.2	15.5	15.0	44.0
	46.0						14.3					14.6	14.1	46.0
	48.0												13.4	48.0
Reeves		5						4						Reeves

Working radius (m)

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

30.5m Boom Length

Boom Length (m)		30.5																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	47.4																		14.0	
	16.0	46.4						39.5						34.0						16.0	
	18.0	44.8						38.7						33.0						18.0	
	20.0	43.1	46.4					37.5						32.1						20.0	
	22.0	41.2	41.4					36.4	38.4					31.1	32.8					22.0	
	24.0	38.3	37.0					34.9	37.0					30.1	32.3					24.0	
	26.0	34.4	33.5	32.3				33.2	33.5					29.1	31.7					26.0	
	28.0	31.1	30.5	29.4				31.4	30.5	29.4				28.2	30.4	29.4				28.0	
	30.0	28.2	28.0	27.0				28.6	28.0	27.0				27.2	27.9	26.9				30.0	
	32.0	25.8	25.8	24.9	24.0			26.1	25.8	24.9				26.2	25.7	24.8				32.0	
	34.0	23.6	23.9	23.1	22.2			24.0	23.9	23.0	22.2			24.1	23.9	23.0	22.1			34.0	
	36.0	20.7	22.3	21.5	20.7	19.9		22.1	22.2	21.4	20.7			22.2	22.2	21.4	20.6			36.0	
	38.0	17.8	20.8	20.1	19.3	18.6		19.8	20.8	20.0	19.3	18.6		20.6	20.7	20.0	19.2			38.0	
	40.0		19.5	18.8	18.1	17.4		17.3	19.5	18.8	18.1	17.4		18.8	19.4	18.7	18.0	17.3		40.0	
	42.0			17.7	17.0	16.4	15.8	14.7	18.3	17.6	17.0	16.3		16.7	18.3	17.6	16.9	16.3		42.0	
	44.0			16.7	16.0	15.4	14.8		16.6	16.6	16.0	15.4	14.8	14.5	17.2	16.6	15.9	15.3		44.0	
	46.0				15.2	14.6	14.0				15.7	15.1	14.5	14.0		16.1	15.7	15.1	14.5	13.9	46.0
	48.0					13.8	13.3					14.3	13.7	13.2			14.8	14.2	13.7	13.1	48.0
	50.0						12.6					13.6	13.0	12.5			14.1	13.5	13.0	12.4	50.0
	52.0						11.9						12.4	11.9				12.8	12.3	11.8	52.0
	54.0													11.3					11.7	11.2	54.0
	56.0																			10.7	56.0
Reeves		4						3						3						Reeves	

Working radius (m)

Boom Length (m)		30.5												Boom Length (m)
Jib Length (m)		45.7						48.8						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	18.0	28.8						24.5						18.0
	20.0	28.1						23.9						20.0
	22.0	27.5						23.3						22.0
	24.0	27.0	27.8					22.8	23.6					24.0
	26.0	26.6	27.2					22.4	23.0					26.0
	28.0	25.9	26.8					22.0	22.6					28.0
	30.0	24.7	26.3	26.7				21.1	22.1					30.0
	32.0	23.5	25.2	24.6				20.0	21.5	22.3				32.0
	34.0	22.4	23.7	22.8				19.0	20.4	21.9				34.0
	36.0	21.4	22.1	21.2	20.4			18.2	19.4	20.8				36.0
	38.0	20.4	20.6	19.8	19.1			17.3	18.5	19.8	19.1			38.0
	40.0	19.1	19.3	18.6	17.8			16.6	17.7	18.6	17.8			40.0
	42.0	17.7	18.1	17.4	16.8	16.1		15.9	16.9	17.4	16.8			42.0
	44.0	15.8	17.1	16.4	15.8	15.1		14.9	16.2	16.4	15.8	15.1		44.0
	46.0	14.0	16.1	15.5	14.9	14.3		14.1	15.6	15.5	14.9	14.3		46.0
	48.0		15.3	14.7	14.1	13.5	12.9	13.5	15.0	14.7	14.1	13.5		48.0
	50.0		13.5	13.9	13.3	12.8	12.3	12.0	14.5	13.9	13.3	12.8	12.2	50.0
	52.0			13.2	12.7	12.1	11.6		13.3	13.2	12.7	12.1	11.6	52.0
	54.0				12.1	11.5	11.0			12.6	12.0	11.5	11.0	54.0
	56.0					11.0	10.5			12.0	11.5	11.0	10.5	56.0
	58.0					10.5	10.0				10.9	10.5	10.0	58.0
	60.0						9.6					10.0	9.5	60.0
	62.0												9.1	62.0
Reeves		3						2						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

30.5m Boom Length

Boom Length (m)		30.5																		Boom Length (m)		
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)		
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)		
Working radius (m)	18.0	25.2																		18.0	Working radius (m)	
	20.0	24.9					22.3							20.1						20.0		
	22.0	24.4					22.0							19.8						22.0		
	24.0	23.3					21.4							19.2						24.0		
	26.0	22.2	22.6				20.4	20.9						18.3						26.0		
	28.0	21.2	21.6				19.2	20.0						17.3	18.1					28.0		
	30.0	20.1	20.5				18.2	19.0						16.4	17.1					30.0		
	32.0	19.1	19.5	19.9			17.2	17.9						15.6	16.2					32.0		
	34.0	18.0	18.5	19.0			16.3	17.0	17.7					14.8	15.4					34.0		
	36.0	17.1	17.6	18.0			15.5	16.1	16.7					14.1	14.6	15.2				36.0		
	38.0	16.1	16.6	17.1			14.8	15.3	15.9					13.4	13.9	14.4				38.0		
	40.0	15.2	15.7	16.2	16.6		14.1	14.6	15.1	15.7				12.8	13.3	13.7				40.0		
	42.0	14.3	14.9	15.4	15.8		13.4	13.9	14.4	14.9				12.2	12.7	13.1	13.5			42.0		
	44.0	13.4	14.0	14.5	15.0		12.8	13.3	13.7	14.2				11.7	12.1	12.5	12.9			44.0		
	46.0	12.5	13.2	13.7	14.2	14.0	12.2	12.7	13.1	13.5				11.2	11.6	12.0	12.3			46.0		
	48.0	11.7	12.4	12.9	13.4	13.2	11.7	12.1	12.5	12.9	13.1			10.7	11.1	11.4	11.8			48.0		
	50.0	10.8	11.6	12.2	12.7	12.5	11.1	11.6	12.0	12.4	12.4			10.2	10.6	11.0	11.3	11.6		50.0		
	52.0	10.0	10.8	11.4	11.9	11.9	11.3	10.5	11.1	11.5	11.9	11.8		9.8	10.2	10.5	10.8	11.1		52.0		
	54.0		10.0	10.7	11.2	11.3	10.7	9.7	10.4	10.9	11.4	11.2	10.7	9.4	9.8	10.1	10.4	10.7		54.0		
	56.0			9.2	9.9	10.5	10.7	10.2	8.9	9.7	10.2	10.7	10.6	10.1	9.0	9.4	9.7	10.0	10.3	10.0		56.0
	58.0				9.1	9.8	10.2	9.7		8.9	9.6	10.1	10.1	9.6	8.4	9.0	9.3	9.6	9.9	9.5		58.0
	60.0					9.1	9.7	9.3			8.9	9.5	9.6	9.2		8.4	8.9	9.2	9.5	9.0		60.0
	62.0						9.0	8.8			8.2	8.8	9.2	8.8		7.7	8.3	8.8	9.1	8.6		62.0
	64.0						8.3	8.4				8.1	8.7	8.4			7.7	8.2	8.6	8.2		64.0
	66.0							8.1					8.1	8.0				7.6	8.1	7.8		66.0
	68.0													7.6					7.5	7.5		68.0
	70.0																		6.9	7.2		70.0
	72.0																			6.9		72.0
Reeves		2						2						2						Reeves		

Working radius (m)

Boom Length (m)		30.5						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	22.0	17.8						22.0	
	24.0	17.3						24.0	
	26.0	16.5						26.0	
	28.0	15.6	16.3					28.0	
	30.0	14.8	15.4					30.0	
	32.0	14.1	14.6					32.0	
	34.0	13.4	13.9					34.0	
	36.0	12.8	13.2	13.7				36.0	
	38.0	12.2	12.6	13.1				38.0	
	40.0	11.6	12.0	12.5				40.0	
	42.0	11.1	11.5	11.9				42.0	
	44.0	10.6	11.0	11.4	11.7			44.0	
	46.0	10.2	10.5	10.9	11.2			46.0	
	48.0	9.8	10.1	10.4	10.7			48.0	
	50.0	9.4	9.7	10.0	10.3	10.6		50.0	
	52.0	9.0	9.3	9.6	9.9	10.2		52.0	
	54.0	8.6	8.9	9.2	9.5	9.7		54.0	
	56.0	8.3	8.6	8.8	9.1	9.4		56.0	
	58.0	8.0	8.2	8.5	8.8	9.0	9.2	58.0	
	60.0	7.6	7.9	8.2	8.4	8.7	8.9	60.0	
	62.0	7.3	7.6	7.9	8.1	8.3	8.5	62.0	
	64.0		7.3	7.6	7.8	8.0	8.1	64.0	
	66.0			7.2	7.5	7.7	7.7	66.0	
	68.0			6.6	7.1	7.5	7.4	68.0	
	70.0				6.6	7.0	7.0	70.0	
	72.0					6.5	6.7	72.0	
	74.0						6.4	74.0	
Reeves		2						Reeves	

Working radius (m)

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

33.5m Boom Length	33.5																		Boom Length (m)
	21.3						24.4						27.4						Jib Length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
	10.0	67.5											63.5						10.0
	12.0	65.3					64.5												12.0
	14.0	60.2					60.0						59.3						14.0
	16.0	55.1	58.1				55.5	57.9					55.1						16.0
	18.0	49.9	53.6				51.1	53.3					50.9	52.9					18.0
	20.0	44.8	47.0	45.4			46.6	46.9					46.7	46.9					20.0
	22.0	39.7	41.7	40.2			42.1	41.5	40.0				42.5	41.5	39.9				22.0
	24.0	31.2	37.3	36.0	34.9		36.6	37.2	35.8				37.6	37.2	35.7				24.0
	26.0		33.7	32.6	31.6		30.1	33.7	32.4	31.4			33.6	33.6	32.2				26.0
	28.0			29.7	28.8	27.7		30.7	29.5	28.6			28.5	30.7	29.4	28.5			28.0
	30.0			27.2	26.4	25.4		28.1	27.1	26.2	25.2		23.3	28.1	26.9	26.2			30.0
	32.0				24.3	23.4			25.0	24.2	23.2			26.0	24.9	24.1	23.0		32.0
	34.0					21.7	21.0				22.4	21.5			23.0	22.4	21.3		34.0
	36.0					20.2	19.6				20.9	20.0	19.4			21.4	20.8	19.9	36.0
	38.0						18.3					18.7	18.1				19.5	18.5	18.0
	40.0												17.0					17.4	16.9
	42.0																		15.9
	44.0																		14.9
	Reeves	5					5					5					Reeves		

Working radius (m)	33.5												Boom Length (m)
	30.5						33.5						Jib Length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
	14.0	54.0					52.2						14.0
	16.0	54.0					50.9						16.0
	18.0	50.3	52.6				48.3						18.0
	20.0	46.5	46.8				45.6	46.5					20.0
	22.0	42.8	41.4				42.7	41.3					22.0
	24.0	38.1	37.1	35.7			38.2	37.0					24.0
	26.0	34.1	33.6	32.2			34.2	33.4	32.1				26.0
	28.0	30.7	30.6	29.4			30.8	30.5	29.2				28.0
	30.0	27.0	28.1	26.9	26.0		28.0	27.9	26.8	25.9			30.0
	32.0	23.0	25.9	24.9	24.0		25.2	25.8	24.7	23.8			32.0
	34.0		24.0	23.0	22.3	21.3	21.8	23.9	22.9	22.1			34.0
	36.0		21.9	21.4	20.7	19.8	18.3	22.2	21.3	20.6	19.6		36.0
	38.0			20.0	19.4	18.5		20.8	19.9	19.2	18.3		38.0
	40.0				18.1	17.3	16.8		18.6	18.0	17.2		40.0
	42.0				17.1	16.3	15.7		17.5	16.9	16.1	15.6	42.0
	44.0					15.4	14.8			15.9	15.2	14.7	44.0
	46.0						14.0				14.3	13.8	46.0
	48.0											13.1	48.0
	50.0											12.4	50.0
	Reeves	4					4					Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

33.5m Boom Length

Boom Length (m)		33.5																		Boom Length (m)		
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)		
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)		
Working radius (m)	14.0	45.9																		14.0	Working radius (m)	
	16.0	45.5						39.5						34.0						16.0		
	18.0	44.8						38.7						33.0						18.0		
	20.0	43.1	46.5					37.5						32.1						20.0		
	22.0	41.2	41.2					36.4	38.5					31.1	32.9					22.0		
	24.0	38.2	36.9					34.9	36.8					30.1	32.3					24.0		
	26.0	34.6	33.3	32.1				33.2	33.3					29.1	31.8					26.0		
	28.0	31.2	30.3	29.2				31.5	30.3	29.2				28.2	30.3					28.0		
	30.0	28.3	27.8	26.8				28.7	27.8	26.7				27.2	27.8	26.7				30.0		
	32.0	25.9	25.7	24.7	23.7			26.2	25.7	24.7				26.2	25.6	24.6				32.0		
	34.0	23.8	23.8	22.9	22.0			24.1	23.8	22.8	21.9			24.1	23.7	22.8				34.0		
	36.0	20.9	22.1	21.3	20.4			22.2	22.1	21.3	20.4			22.3	22.1	21.2	20.3			36.0		
	38.0	18.0	20.7	19.9	19.1	18.3		20.0	20.7	19.9	19.0			20.6	20.6	19.8	19.0			38.0		
	40.0		19.4	18.6	17.9	17.1		17.6	19.4	18.6	17.8	17.1		19.0	19.3	18.5	17.8			40.0		
	42.0		17.4	17.5	16.8	16.1	15.4	14.9	18.2	17.5	16.8	16.0		16.9	18.2	17.4	16.7	16.0		42.0		
	44.0			16.5	15.8	15.2	14.5		17.1	16.5	15.8	15.1	14.4	14.7	17.1	16.4	15.7	15.0		44.0		
	46.0				14.9	14.3	13.7			15.6	14.9	14.3	13.6		16.2	15.5	14.8	14.2	13.6	46.0		
	48.0					13.5	12.9				14.7	14.1	13.5	12.9		14.3	14.7	14.0	13.4	12.8		48.0
	50.0					12.8	12.3					13.4	12.8	12.2			13.9	13.3	12.7	12.1		50.0
	52.0						11.7						12.1	11.6				12.6	12.1	11.5		52.0
	54.0													11.0					11.5	10.9		54.0
	56.0													10.5					10.9	10.4		56.0
	58.0																			9.9		58.0
Reeves		4						3						3						Reeves		

Working radius (m)

Boom Length (m)		33.5												Boom Length (m)
Jib Length (m)		45.7						48.8						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	18.0	28.8						24.5						18.0
	20.0	28.1						23.9						20.0
	22.0	27.6						23.4						22.0
	24.0	27.0	27.9					22.9						24.0
	26.0	26.6	27.3					22.4	23.1					26.0
	28.0	25.9	26.8					22.0	22.7					28.0
	30.0	24.7	26.4	26.5				21.1	22.2					30.0
	32.0	23.5	25.3	24.4				20.0	21.7	22.4				32.0
	34.0	22.4	23.6	22.6				19.1	20.6	22.0				34.0
	36.0	21.4	21.9	21.0	20.1			18.2	19.6	21.0				36.0
	38.0	20.4	20.5	19.6	18.8			17.4	18.7	19.6	18.8			38.0
	40.0	19.1	19.2	18.4	17.6			16.6	17.8	18.4	17.6			40.0
	42.0	17.8	18.0	17.3	16.5			15.9	17.0	17.3	16.5			42.0
	44.0	16.0	17.0	16.3	15.5	14.9		14.9	16.3	16.3	15.6	14.8		44.0
	46.0	14.2	16.1	15.4	14.7	14.0		14.2	15.7	15.4	14.7	14.0		46.0
	48.0	12.2	15.2	14.5	13.9	13.2	12.6	13.5	15.1	14.5	13.9	13.2		48.0
	50.0		13.9	13.8	13.1	12.5	12.0	12.1	14.4	13.8	13.1	12.5	11.9	50.0
	52.0			13.1	12.5	11.9	11.3		13.7	13.1	12.5	11.9	11.3	52.0
	54.0				11.9	11.3	10.8			12.4	11.9	11.3	10.7	54.0
	56.0				11.3	10.8	10.2			11.8	11.3	10.7	10.2	56.0
	58.0					10.3	9.8				10.8	10.2	9.7	58.0
	60.0						9.3					9.8	9.3	60.0
	62.0						8.9					9.3	8.9	62.0
	64.0												8.5	64.0
Reeves		3						2						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

33.5m Boom Length	Boom Length (m)		33.5																Boom Length (m)				
	Jib Length (m)		51.8					54.9							57.9						Jib Length (m)		
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)		
	Working radius (m)	18.0	24.7																			18.0	
		20.0	24.4						21.9						19.8							20.0	
		22.0	24.1						21.6						19.5							22.0	
		24.0	23.2						21.3						19.2							24.0	
		26.0	22.1	22.5					20.3						18.3							26.0	
		28.0	21.1	21.4					19.2	20.0					17.3	18.0						28.0	
		30.0	20.0	20.4					18.2	19.0					16.4	17.1						30.0	
		32.0	19.0	19.4					17.2	17.9					15.5	16.2						32.0	
		34.0	18.0	18.4	18.8				16.3	17.0	17.7				14.8	15.4						34.0	
		36.0	17.0	17.5	17.9				15.5	16.1	16.8				14.1	14.6	15.2					36.0	
		38.0	16.1	16.6	17.0				14.7	15.3	15.9				13.4	13.9	14.4					38.0	
		40.0	15.1	15.7	16.1	16.5			14.0	14.6	15.1				12.8	13.3	13.7					40.0	
		42.0	14.3	14.8	15.3	15.7			13.4	13.9	14.4	14.9			12.2	12.6	13.1					42.0	
		44.0	13.4	14.0	14.5	14.9			12.8	13.3	13.7	14.2			11.7	12.1	12.5	12.9				44.0	
		46.0	12.5	13.2	13.7	14.1	13.7		12.2	12.7	13.1	13.6			11.2	11.6	12.0	12.3				46.0	
		48.0	11.7	12.4	12.9	13.4	13.0		11.7	12.1	12.5	13.0	12.9		10.7	11.1	11.4	11.8				48.0	
		50.0	10.9	11.6	12.2	12.6	12.3		11.1	11.6	12.0	12.4	12.2		10.2	10.6	11.0	11.3	11.6			50.0	
		52.0	10.1	10.8	11.4	11.9	11.6	11.0	10.5	11.1	11.5	11.9	11.5		9.8	10.2	10.5	10.8	11.1			52.0	
		54.0		10.0	10.7	11.2	11.0	10.5	9.8	10.4	10.9	11.3	10.9	10.4	9.4	9.8	10.1	10.4	10.7				54.0
		56.0		9.2	10.0	10.5	10.5	9.9	9.0	9.7	10.2	10.7	10.4	9.9	9.0	9.4	9.7	10.0	10.2	9.7		56.0	
		58.0			9.2	9.8	10.0	9.4		9.0	9.6	10.1	9.9	9.4	8.5	9.0	9.3	9.6	9.7	9.2		58.0	
		60.0				9.2	9.5	9.0			8.9	9.5	9.4	8.9		8.4	8.9	9.2	9.3	8.8		60.0	
		62.0				8.5	9.0	8.6			8.3	8.8	9.0	8.5		7.8	8.3	8.8	8.8	8.3		62.0	
		64.0					8.4	8.2				8.2	8.6	8.1			7.7	8.2	8.4	8.0		64.0	
		66.0						7.8					8.1	7.7					7.6	8.0	7.6	66.0	
		68.0						7.5					7.5	7.4					7.1	7.5	7.2	68.0	
		70.0												7.1						7.0	6.9	70.0	
		72.0																			6.6	72.0	
		74.0																			6.3	74.0	
	Reeves		2					2							2						Reeves		

Boom Length (m)		33.5						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	22.0	17.5						22.0	
	24.0	17.3						24.0	
	26.0	16.4						26.0	
	28.0	15.6						28.0	
	30.0	14.8	15.4					30.0	
	32.0	14.1	14.6					32.0	
	34.0	13.4	13.9					34.0	
	36.0	12.7	13.2					36.0	
	38.0	12.1	12.6	13.1				38.0	
	40.0	11.6	12.0	12.5				40.0	
	42.0	11.1	11.5	11.9				42.0	
	44.0	10.6	11.0	11.4	11.7			44.0	
	46.0	10.2	10.5	10.9	11.2			46.0	
	48.0	9.8	10.1	10.4	10.7			48.0	
	50.0	9.4	9.7	10.0	10.3			50.0	
	52.0	9.0	9.3	9.6	9.9	10.1		52.0	
	54.0	8.6	8.9	9.2	9.5	9.7		54.0	
	56.0	8.3	8.6	8.8	9.1	9.3		56.0	
	58.0	8.0	8.2	8.5	8.8	9.0	9.1	58.0	
	60.0	7.6	7.9	8.2	8.4	8.6	8.6	60.0	
	62.0	7.3	7.6	7.9	8.1	8.3	8.2	62.0	
	64.0		7.3	7.6	7.8	8.0	7.8	64.0	
	66.0			7.2	7.5	7.7	7.5	66.0	
	68.0				6.7	7.1	7.5	68.0	
	70.0					6.6	7.0	70.0	
	72.0						6.5	72.0	
	74.0						6.0	74.0	
	76.0							76.0	
	Reeves		2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

36.6m Boom Length

Boom Length (m)		36.6																		Boom Length (m)
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	10.0	67.5																		10.0
	12.0	63.0						63.5						54.0						12.0
	14.0	58.4						59.3						54.0						14.0
	16.0	53.9	58.0					55.0	57.7					54.0						16.0
	18.0	49.4	53.5					50.8	53.1					50.2	52.7					18.0
	20.0	44.8	46.9	45.0				46.5	46.7					46.5	46.7					20.0
	22.0	40.3	41.5	39.9				42.3	41.4	39.7				42.7	41.3					22.0
	24.0	31.8	37.2	35.7				37.0	37.1	35.5				37.8	37.0	35.3				24.0
	26.0		33.6	32.3	31.1			30.6	33.5	32.1				33.7	33.5	31.9				26.0
	28.0			29.4	28.4				30.5	29.3	28.2			28.8	30.5	29.1	28.1			28.0
	30.0			27.0	26.0	24.9			28.0	26.8	25.9			23.7	28.0	26.7	25.8			30.0
	32.0				24.0	23.0				24.7	23.8	22.8			25.8	24.6	23.8			32.0
	34.0				22.2	21.3	20.5				22.1	21.1				22.8	22.0	20.9		34.0
	36.0					19.8	19.1				20.6	19.6	18.9			21.2	20.5	19.4		36.0
	38.0						17.8					18.3	17.6				19.2	18.1	17.5	38.0
	40.0						16.7					17.2	16.5				18.0	17.0	16.4	40.0
	42.0												15.5					16.0	15.4	42.0
	44.0																		14.5	44.0
Reeves		5						5						4						Reeves

Working radius (m)

Boom Length (m)		36.6												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	54.0						50.4						14.0
	16.0	53.0						49.9						16.0
	18.0	49.6						47.8						18.0
	20.0	46.2	46.5					45.2	46.3					20.0
	22.0	42.8	41.3					42.7	41.1					22.0
	24.0	38.3	37.0	35.3				38.2	36.8					24.0
	26.0	34.2	33.4	31.9				34.3	33.3	31.8				26.0
	28.0	30.9	30.5	29.1				31.0	30.3	28.9				28.0
	30.0	27.3	27.9	26.7	25.7			28.1	27.8	26.5				30.0
	32.0	23.2	25.8	24.6	23.7			25.5	25.6	24.4	23.5			32.0
	34.0		23.9	22.8	21.9			22.1	23.8	22.6	21.7			34.0
	36.0		22.2	21.2	20.4	19.4		18.6	22.1	21.1	20.2			36.0
	38.0			19.8	19.1	18.1			20.7	19.7	18.9	17.9		38.0
	40.0				17.9	17.0	16.3			18.4	17.7	16.8		40.0
	42.0				16.8	15.9	15.3			17.3	16.6	15.8	15.1	42.0
	44.0					15.0	14.4				15.7	14.8	14.2	44.0
	46.0					14.2	13.6					14.0	13.4	46.0
	48.0						12.9					13.3	12.7	48.0
	50.0												12.0	50.0
Reeves		4						4						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

36.6m Boom Length	36.6																				Boom Length (m)
	36.6																				Jib Length (m)
	36.6																				Boom Angle (deg)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	Boom Angle (deg)
	14.0	44.5																			14.0
	16.0	44.1					38.6						34.0								16.0
	18.0	43.7					38.2						33.0								18.0
	20.0	43.1					37.5						32.1								20.0
	22.0	41.2	41.0				36.4	38.2					31.1								22.0
	24.0	38.2	36.7				34.9	36.7					30.1	32.4							24.0
	26.0	34.6	33.2				33.3	33.1					29.1	31.9							26.0
	28.0	31.3	30.2	28.9			31.5	30.2	28.9				28.2	30.1							28.0
	30.0	28.4	27.7	26.5			28.8	27.7	26.5				27.2	27.6	26.4						30.0
	32.0	26.0	25.5	24.4			26.3	25.5	24.4				26.2	25.5	24.3						32.0
	34.0	23.8	23.7	22.6	21.6		24.2	23.7	22.6	21.6			24.2	23.6	22.5						34.0
	36.0	21.1	22.0	21.1	20.1		22.3	22.0	21.0	20.1			22.3	22.0	21.0	20.0					36.0
	38.0	18.3	20.6	19.7	18.8	17.9	20.2	20.6	19.6	18.7			20.7	20.5	19.6	18.7					38.0
	40.0		19.3	18.4	17.6	16.7	17.8	19.3	18.4	17.5	16.7		19.1	19.2	18.3	17.5					40.0
	42.0		18.0	17.3	16.5	15.7	15.2	18.1	17.3	16.5	15.7		17.0	18.1	17.2	16.4	15.6				42.0
	44.0			16.3	15.6	14.8	14.1	17.1	16.3	15.5	14.8		14.9	17.0	16.2	15.4	14.7				44.0
	46.0				14.7	14.0	13.3		15.4	14.6	13.9	13.2		16.1	15.3	14.6	13.9				46.0
	48.0				13.9	13.2	12.6		14.6	13.9	13.2	12.5		14.8	14.5	13.8	13.1	12.4			48.0
	50.0					12.5	11.9			13.1	12.5	11.8			13.8	13.1	12.4	11.8			50.0
	52.0						11.3				11.8	11.2				12.4	11.8	11.2			52.0
	54.0						10.7				11.3	10.7				11.8	11.2	10.6			54.0
	56.0										10.2						10.7	10.1			56.0
	58.0																	9.6			58.0
	60.0																	9.2			60.0
	Reeves	4					3					3					Reeves				

36.6m Boom Length	36.6																				Boom Length (m)
	45.7																				Jib Length (m)
	45.7																				Boom Angle (deg)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	Boom Angle (deg)
	18.0	28.8					24.5						18.0								18.0
	20.0	28.1					23.9						20.0								20.0
	22.0	27.6					23.4						22.0								22.0
	24.0	27.0	27.9				22.9						24.0								24.0
	26.0	26.6	27.4				22.4	23.2					26.0								26.0
	28.0	25.9	26.9				22.0	22.7					28.0								28.0
	30.0	24.7	26.4				21.2	22.3					30.0								30.0
	32.0	23.5	25.3	24.2			20.1	21.9	22.6				32.0								32.0
	34.0	22.4	23.5	22.4			19.1	20.8	22.1				34.0								34.0
	36.0	21.4	21.8	20.8			18.2	19.8	20.8				36.0								36.0
	38.0	20.4	20.4	19.4	18.5		17.4	18.8	19.4				38.0								38.0
	40.0	19.1	19.1	18.2	17.3		16.7	18.0	18.2	17.3			40.0								40.0
	42.0	17.8	17.9	17.1	16.2		16.0	17.2	17.1	16.2			42.0								42.0
	44.0	16.2	16.9	16.1	15.3	14.5	15.0	16.5	16.1	15.3			44.0								44.0
	46.0	14.3	16.0	15.2	14.4	13.7	14.3	15.8	15.2	14.4	13.7		46.0								46.0
	48.0	12.4	15.1	14.4	13.6	12.9	13.5	15.1	14.4	13.6	12.9		48.0								48.0
	50.0		14.3	13.6	12.9	12.2	12.3	14.3	13.6	12.9	12.2		50.0								50.0
	52.0			12.9	12.3	11.6	11.0	13.6	12.9	12.2	11.6	11.0	52.0								52.0
	54.0			12.3	11.7	11.0	10.4	12.3	12.3	11.6	11.0	10.4	54.0								54.0
	56.0				11.1	10.5	9.9		11.7	11.1	10.5	9.9	56.0								56.0
	58.0					10.0	9.4			10.6	10.0	9.4	58.0								58.0
	60.0					9.5	9.0			10.1	9.5	9.0	60.0								60.0
	62.0						8.6				9.1	8.6	62.0								62.0
	64.0											8.2	64.0								64.0
	66.0											7.8	66.0								66.0
	Reeves	3					2					Reeves									

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

36.6m Boom Length

Boom Length (m)		36.6																		Boom Length (m)	
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	24.2																		18.0	
	20.0	23.9					21.5							19.4						20.0	
	22.0	23.6					21.2							19.1						22.0	
	24.0	23.1					20.9							18.8						24.0	
	26.0	22.0	22.3				20.2							18.2						26.0	
	28.0	20.9	21.3				19.1	19.9						17.2	18.0					28.0	
	30.0	19.9	20.3				18.1	18.9						16.3	17.1					30.0	
	32.0	18.9	19.3				17.1	17.9						15.5	16.2					32.0	
	34.0	17.9	18.3	18.6			16.3	16.9						14.7	15.3					34.0	
	36.0	16.9	17.4	17.7			15.4	16.1	16.7					14.0	14.6	15.2				36.0	
	38.0	16.0	16.5	16.8			14.7	15.3	15.9					13.3	13.9	14.4				38.0	
	40.0	15.1	15.6	16.0	16.3		14.0	14.5	15.1					12.7	13.2	13.7				40.0	
	42.0	14.2	14.7	15.2	15.5		13.3	13.9	14.4	14.9				12.2	12.6	13.1				42.0	
	44.0	13.3	13.9	14.4	14.7		12.7	13.2	13.7	14.2				11.6	12.0	12.5	12.9			44.0	
	46.0	12.5	13.1	13.6	14.0		12.2	12.6	13.1	13.5				11.1	11.5	11.9	12.3			46.0	
	48.0	11.7	12.3	12.8	13.2	12.6	11.6	12.1	12.5	12.9				10.7	11.0	11.4	11.8			48.0	
	50.0	10.9	11.5	12.1	12.5	11.9	11.1	11.6	12.0	12.3	11.9			10.2	10.6	10.9	11.3			50.0	
	52.0	10.1	10.8	11.4	11.8	11.3	10.5	11.0	11.5	11.8	11.2			9.8	10.1	10.5	10.8	11.1		52.0	
	54.0	9.2	10.0	10.6	11.1	10.7	10.1	9.7	10.3	10.8	11.2	10.7		9.4	9.7	10.0	10.3	10.5		54.0	
	56.0		9.3	9.9	10.5	10.2	9.6	9.0	9.7	10.2	10.6	10.1	9.5	9.0	9.3	9.6	9.9	10.0		56.0	
	58.0			9.2	9.8	9.7	9.1		9.0	9.5	10.0	9.6	9.0	8.4	9.0	9.3	9.5	9.5	8.9	58.0	
	60.0			8.5	9.1	9.2	8.7		8.3	8.9	9.4	9.2	8.6		8.4	8.8	9.2	9.0	8.4	60.0	
	62.0				8.5	8.8	8.3			8.3	8.8	8.7	8.2		7.7	8.3	8.6	8.6	8.0	62.0	
	64.0					8.4	7.9					8.2	8.3	7.8			7.7	8.1	8.2	7.6	64.0
	66.0					7.8	7.5					7.6	8.0	7.5			7.1	7.6	7.8	7.3	66.0
	68.0						7.2						7.5	7.1				7.0	7.4	7.0	68.0
	70.0													6.8					6.9	6.6	70.0
	72.0													6.5					6.4	6.3	72.0
	74.0																			6.1	74.0
Reeves		2						2						2						Reeves	

Boom Length (m)		36.6						Boom Length (m)
Jib Length (m)		61.0						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	22.0	17.2						22.0
	24.0	17.0						24.0
	26.0	16.4						26.0
	28.0	15.5						28.0
	30.0	14.7	15.4					30.0
	32.0	14.0	14.6					32.0
	34.0	13.3	13.9					34.0
	36.0	12.7	13.2					36.0
	38.0	12.1	12.6	13.1				38.0
	40.0	11.6	12.0	12.4				40.0
	42.0	11.0	11.4	11.9				42.0
	44.0	10.6	10.9	11.3				44.0
	46.0	10.1	10.5	10.8	11.2			46.0
	48.0	9.7	10.0	10.4	10.7			48.0
	50.0	9.3	9.6	9.9	10.2			50.0
	52.0	9.0	9.2	9.5	9.8			52.0
	54.0	8.6	8.9	9.2	9.4	9.7		54.0
	56.0	8.3	8.5	8.8	9.1	9.3		56.0
	58.0	7.9	8.2	8.5	8.7	8.9		58.0
	60.0	7.6	7.9	8.1	8.4	8.6	8.3	60.0
	62.0	7.3	7.6	7.8	8.1	8.3	7.9	62.0
	64.0		7.3	7.6	7.8	8.0	7.5	64.0
	66.0		6.7	7.2	7.5	7.7	7.2	66.0
	68.0			6.6	7.0	7.3	6.8	68.0
	70.0				6.6	6.9	6.5	70.0
	72.0				6.0	6.4	6.2	72.0
	74.0					5.9	5.9	74.0
	76.0						5.6	76.0
	78.0						5.4	78.0
Reeves		2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

39.6m Boom Length

Boom Length (m)		39.6																		Boom Length (m)	
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	10.0	64.5																		10.0	Working radius (m)
	12.0	60.6						54.0						54.0						12.0	
	14.0	56.6						54.0						54.0						14.0	
	16.0	52.7	57.7					53.0						53.0						16.0	
	18.0	48.8	53.2					49.5	53.0					49.5	52.5					18.0	
	20.0	44.8	46.6					46.1	46.6					46.1	46.5					20.0	
	22.0	40.9	41.3	39.5				42.6	41.3	39.3				42.7	41.2					22.0	
	24.0	32.4	37.0	35.4				37.5	37.0	35.2				38.0	36.9	35.0				24.0	
	26.0		33.4	32.0	30.7			31.0	33.4	31.8				33.9	33.3	31.6				26.0	
	28.0		30.4	29.1	28.0				30.5	29.0	27.9			29.2	30.4	28.8				28.0	
	30.0			26.7	25.7				28.0	26.6	25.6			24.0	27.9	26.4	25.4			30.0	
	32.0				23.7	22.5				24.5	23.6				25.7	24.3	23.4			32.0	
	34.0				21.9	20.9				22.7	21.9	20.7			23.8	22.6	21.7	20.4		34.0	
	36.0					19.4	18.6				20.4	19.2				21.0	20.2	19.0		36.0	
	38.0					18.1	17.4					17.9	17.3				18.9	17.7		38.0	
	40.0						16.3					16.8	16.2				17.7	16.6	16.0	40.0	
	42.0												15.2					15.6	15.0	42.0	
44.0												14.3					14.7	14.1	44.0		
46.0																		13.4	46.0		
Reeves		5						4						4						Reeves	

Boom Length (m)		39.6												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	54.0						48.5						14.0
	16.0	52.0						48.1						16.0
	18.0	48.8						47.1						18.0
	20.0	45.9	46.2					44.8	46.1					20.0
	22.0	42.8	41.1					42.6	40.9					22.0
	24.0	38.3	36.8					38.2	36.6					24.0
	26.0	34.4	33.2	31.6				34.5	33.1	31.4				26.0
	28.0	31.0	30.3	28.8				31.1	30.2	28.6				28.0
	30.0	27.6	27.8	26.4				28.2	27.7	26.2				30.0
	32.0	23.4	25.6	24.3	23.3			25.7	25.5	24.2	23.1			32.0
	34.0		23.8	22.6	21.6			22.3	23.6	22.4	21.4			34.0
	36.0		22.1	21.0	20.1	19.0		18.8	22.0	20.8	19.9			36.0
	38.0			19.6	18.8	17.7			20.6	19.5	18.6	17.5		38.0
	40.0			18.4	17.6	16.6				18.2	17.4	16.4		40.0
	42.0				16.5	15.6	14.9			17.1	16.4	15.4		42.0
	44.0					14.7	14.0				15.4	14.5	13.8	44.0
	46.0					13.9	13.2				14.6	13.7	13.0	46.0
	48.0						12.5					12.9	12.3	48.0
	50.0						11.9					12.3	11.7	50.0
	52.0												11.1	52.0
Reeves		4						4						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

39.6m Boom Length

Boom Length (m)		39.6																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	40.5						37.4						33.6							16.0
	18.0	40.5						37.0						33.0							18.0
	20.0	40.5						36.6						32.1							20.0
	22.0	39.5	40.5					36.2	37.1					31.1							22.0
	24.0	37.2	36.5					35.0	36.5					30.2	32.5						24.0
	26.0	34.5	33.0					33.3	33.0					29.2	31.9						26.0
	28.0	31.5	30.0	28.6				31.5	30.0					28.2	30.0						28.0
	30.0	28.6	27.5	26.2				28.9	27.5	26.2				27.3	27.5	26.1					30.0
	32.0	26.1	25.4	24.2				26.4	25.4	24.2				26.3	25.3	24.1					32.0
	34.0	23.9	23.5	22.4	21.3			24.2	23.5	22.4				24.3	23.5	22.3					34.0
	36.0	21.3	21.9	20.8	19.8			22.3	21.9	20.8	19.7			22.4	21.8	20.7					36.0
	38.0	18.5	20.5	19.4	18.5			20.4	20.5	19.4	18.4			20.7	20.4	19.4	18.3				38.0
	40.0		19.2	18.2	17.3	16.4		17.9	19.2	18.2	17.2			19.3	19.1	18.1	17.2				40.0
	42.0		18.0	17.1	16.2	15.4		15.4	18.0	17.1	16.2	15.3		17.2	18.0	17.0	16.1				42.0
	44.0			16.1	15.3	14.5			17.0	16.1	15.3	14.4		15.1	16.9	16.1	15.2	14.3			44.0
	46.0			15.2	14.4	13.6	12.9			15.2	14.4	13.6			16.0	15.2	14.3	13.5			46.0
	48.0				13.7	12.9	12.2			14.4	13.6	12.9	12.1		15.2	14.3	13.6	12.8			48.0
	50.0					12.2	11.5				12.9	12.2	11.5			13.6	12.8	12.1	11.4		50.0
	52.0					11.6	10.9				12.3	11.6	10.9			12.9	12.2	11.5	10.8		52.0
	54.0						10.4					11.0	10.3				11.6	10.9	10.3		54.0
	56.0						9.9						9.8					10.4	9.8		56.0
	58.0												9.4					9.9	9.3		58.0
	60.0																		8.9		60.0
	62.0																		8.5		62.0
Reeves		3						3						3						Reeves	

Working radius (m)

Boom Length (m)		39.6												Boom Length (m)
Jib Length (m)		45.7						48.8						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	18.0	28.8						24.5						18.0
	20.0	28.2						23.9						20.0
	22.0	27.6						23.4						22.0
	24.0	27.0	28.0					22.9						24.0
	26.0	26.6	27.5					22.4	23.3					26.0
	28.0	25.9	27.0					22.0	22.8					28.0
	30.0	24.7	26.5					21.2	22.3					30.0
	32.0	23.6	25.2	23.9				20.1	21.9					32.0
	34.0	22.5	23.3	22.1				19.1	21.0	22.2				34.0
	36.0	21.4	21.7	20.6				18.2	19.9	20.6				36.0
	38.0	20.4	20.3	19.2	18.2			17.4	19.0	19.2				38.0
	40.0	19.2	19.0	18.0	17.0			16.7	18.1	18.0	17.0			40.0
	42.0	17.9	17.8	16.9	16.0			16.0	17.3	16.9	16.0			42.0
	44.0	16.3	16.8	15.9	15.0			15.0	16.6	15.9	15.0			44.0
	46.0	14.5	15.9	15.0	14.2	13.3		14.3	15.9	15.0	14.2			46.0
	48.0	12.5	15.0	14.2	13.4	12.6		13.6	15.0	14.2	13.4	12.6		48.0
	50.0		14.2	13.4	12.7	11.9		12.4	14.2	13.5	12.7	11.9		50.0
	52.0			12.8	12.0	11.3	10.6		13.5	12.8	12.0	11.3		52.0
	54.0			12.1	11.4	10.7	10.1		12.7	12.1	11.4	10.7	10.1	54.0
	56.0				10.9	10.2	9.6			11.6	10.9	10.2	9.6	56.0
	58.0				10.4	9.7	9.1			11.0	10.4	9.7	9.1	58.0
	60.0					9.3	8.7				9.9	9.3	8.7	60.0
	62.0						8.3					8.8	8.3	62.0
	64.0						7.9					8.4	7.9	64.0
	66.0												7.5	66.0
Reeves		3						2						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

39.6m Boom Length	Boom Length (m)		39.6																		Boom Length (m)	
	Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Working radius (m)	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
39.6m Boom Length	20.0	23.4						21.1							19.0						20.0	
	22.0	23.2						20.8							18.7						22.0	
	24.0	22.9						20.5							18.4						24.0	
	26.0	21.9	22.1					20.2							18.1						26.0	
	28.0	20.8	21.1					19.1	19.8						17.2						28.0	
	30.0	19.8	20.1					18.0	18.9						16.3	17.0					30.0	
	32.0	18.8	19.1					17.1	17.9						15.4	16.1					32.0	
	34.0	17.8	18.2	18.5				16.2	16.9						14.7	15.3					34.0	
	36.0	16.8	17.3	17.6				15.4	16.1	16.7					14.0	14.5					36.0	
	38.0	15.9	16.4	16.7				14.7	15.3	15.9					13.3	13.8	14.4				38.0	
	40.0	15.0	15.5	15.9				14.0	14.5	15.1					12.7	13.2	13.7				40.0	
	42.0	14.1	14.6	15.0	15.3			13.3	13.8	14.4					12.1	12.6	13.0				42.0	
	44.0	13.3	13.8	14.2	14.6			12.7	13.2	13.7	14.2				11.6	12.0	12.4	12.9			44.0	
	46.0	12.5	13.0	13.5	13.8			12.2	12.6	13.1	13.5				11.1	11.5	11.9	12.3			46.0	
	48.0	11.7	12.3	12.7	13.1	12.3		11.6	12.1	12.5	12.9				10.6	11.0	11.4	11.7			48.0	
	50.0	10.9	11.5	12.0	12.4	11.6		11.1	11.5	11.9	12.3	11.5			10.2	10.5	10.9	11.2			50.0	
	52.0	10.1	10.8	11.3	11.7	11.0		10.5	11.0	11.4	11.7	10.9			9.8	10.1	10.4	10.8	10.8		52.0	
	54.0	9.2	10.0	10.6	11.1	10.4		9.7	10.3	10.7	11.1	10.4			9.4	9.7	10.0	10.3	10.2		54.0	
	56.0		9.3	9.9	10.4	9.9	9.3	9.0	9.6	10.1	10.5	9.8			9.0	9.3	9.6	9.9	9.7		56.0	
	58.0			9.2	9.8	9.4	8.8		9.0	9.5	9.9	9.4	8.7		8.4	8.9	9.2	9.5	9.2		58.0	
	60.0			8.5	9.1	9.0	8.4		8.3	8.9	9.3	8.9	8.3		7.7	8.3	8.8	9.1	8.7	8.1	60.0	
	62.0				8.5	8.6	8.0			8.3	8.7	8.5	7.9			7.7	8.2	8.5	8.3	7.7	62.0	
	64.0				7.8	8.2	7.6			7.6	8.2	8.1	7.5				7.7	8.0	7.9	7.3	64.0	
	66.0					7.8	7.2				7.6	7.7	7.2				7.1	7.5	7.6	7.0	66.0	
	68.0						6.9					7.4	6.8					7.0	7.2	6.6	68.0	
	70.0						6.6					6.9	6.5					6.4	6.9	6.3	70.0	
	72.0												6.2						6.4	6.0	72.0	
	74.0																			5.7	74.0	
	76.0																			5.5	76.0	
	Reeves	2						2						2						Reeves		

Boom Length (m)		39.6						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	22.0	16.9						22.0	
	24.0	16.7						24.0	
	26.0	16.3						26.0	
	28.0	15.5						28.0	
	30.0	14.7	15.4					30.0	
	32.0	14.0	14.6					32.0	
	34.0	13.3	13.8					34.0	
	36.0	12.6	13.2					36.0	
	38.0	12.1	12.5	13.0				38.0	
	40.0	11.5	12.0	12.4				40.0	
	42.0	11.0	11.4	11.8				42.0	
	44.0	10.5	10.9	11.3				44.0	
	46.0	10.1	10.4	10.8	11.2			46.0	
	48.0	9.7	10.0	10.3	10.7			48.0	
	50.0	9.3	9.6	9.9	10.2			50.0	
	52.0	8.9	9.2	9.5	9.8			52.0	
	54.0	8.6	8.9	9.1	9.4	9.6		54.0	
	56.0	8.3	8.5	8.8	9.0	9.2		56.0	
	58.0	7.9	8.2	8.4	8.7	8.9		58.0	
	60.0	7.6	7.9	8.1	8.3	8.5		60.0	
	62.0	6.7	7.6	7.8	8.0	8.2	7.6	62.0	
	64.0		7.2	7.5	7.7	7.8	7.2	64.0	
	66.0		6.7	7.1	7.4	7.4	6.8	66.0	
	68.0			6.6	7.0	7.1	6.5	68.0	
	70.0				6.5	6.8	6.2	70.0	
	72.0				6.0	6.3	5.9	72.0	
	74.0					5.9	5.6	74.0	
	76.0					5.4	5.3	76.0	
	78.0						5.1	78.0	
	Reeves	2					Reeves		

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

42.7m Boom Length

Boom Length (m)		42.7																		Boom Length (m)	
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	12.0	54.0						54.0						54.0							12.0
	14.0	54.0						54.0						54.0							14.0
	16.0	53.3	54.0					53.7						51.2							16.0
	18.0	49.3	53.0					50.1	52.8					48.4	52.3						18.0
	20.0	45.4	46.4					46.4	46.4					45.5	46.3						20.0
	22.0	41.4	41.1	39.1				42.8	41.1					42.7	41.0						22.0
	24.0	32.9	36.8	35.0				37.8	36.8	34.8				38.1	36.7	34.6					24.0
	26.0		33.3	31.6				31.4	33.3	31.5				34.0	33.2	31.3					26.0
	28.0		30.3	28.8	27.5				30.3	28.7	27.5			29.5	30.2	28.5					28.0
	30.0			26.4	25.3				27.8	26.3	25.2			24.4	27.7	26.1	25.0				30.0
	32.0			24.4	23.3	22.0				24.2	23.2				25.6	24.1	23.0				32.0
	34.0				21.6	20.4				22.4	21.5	20.2			23.7	22.3	21.3				34.0
	36.0					19.0					20.0	18.7				20.7	19.9	18.5			36.0
	38.0					17.7	16.9				18.7	17.5				19.4	18.5	17.3			38.0
	40.0						15.8					16.4	15.7				17.4	16.2			40.0
	42.0						14.8					15.4	14.7					15.2	14.5		42.0
	44.0												13.9					14.3	13.7		44.0
	46.0																			12.9	46.0
	48.0																			12.2	48.0
Reeves		4						4						4						Reeves	

Boom Length (m)		42.7												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	52.6						40.5						14.0
	16.0	50.8						40.5						16.0
	18.0	48.2						40.5						18.0
	20.0	45.5	46.0					40.5	40.5					20.0
	22.0	42.8	40.9					40.5	40.5					22.0
	24.0	38.3	36.6					38.2	36.4					24.0
	26.0	34.6	33.1	31.3				34.5	32.9					26.0
	28.0	31.1	30.1	28.5				31.2	30.0	28.3				28.0
	30.0	27.8	27.6	26.1				28.3	27.5	25.9				30.0
	32.0	23.7	25.5	24.1	22.9			25.8	25.4	23.9				32.0
	34.0		23.6	22.3	21.2			22.5	23.5	22.1	21.0			34.0
	36.0		22.0	20.7	19.7			19.1	21.9	20.6	19.6			36.0
	38.0			19.4	18.4	17.3			20.4	19.2	18.3			38.0
	40.0			18.2	17.3	16.2			19.2	18.0	17.1	16.0		40.0
	42.0				16.2	15.2				16.9	16.1	15.0		42.0
	44.0				15.3	14.3	13.6			15.9	15.1	14.1		44.0
	46.0					13.5	12.8				14.3	13.3	12.6	46.0
	48.0					12.8	12.1					12.6	11.9	48.0
	50.0						11.5					11.9	11.3	50.0
	52.0												10.7	52.0
	54.0												10.2	54.0
Reeves		4						3						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

42.7m Boom Length	Boom Length (m)		42.7																		Boom Length (m)				
	Jib Length (m)		36.6						39.6						42.7						Jib Length (m)				
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)				
	Working radius (m)	16.0	40.5						36.2							32.6							16.0		
		18.0	40.5						35.9							32.3							18.0		
		20.0	39.1						35.5							32.0							20.0		
		22.0	37.8	40.5					35.1	36.0						31.1							22.0		
		24.0	36.0	36.3					33.9	35.6						30.2	32.1						24.0		
		26.0	33.6	32.8					32.7	32.8						29.2	31.8						26.0		
		28.0	31.5	29.9	28.3				31.5	29.9						28.2	29.8						28.0		
		30.0	28.7	27.4	25.9				28.9	27.4	25.9					27.3	27.3						30.0		
		32.0	26.2	25.3	23.9				26.5	25.3	23.9					26.3	25.2	23.8					32.0		
		34.0	24.0	23.4	22.1				24.3	23.4	22.1					24.4	23.3	22.0					34.0		
		36.0	21.5	21.8	20.6	19.4			22.4	21.8	20.6	19.4				22.5	21.7	20.5					36.0		
		38.0	18.7	20.3	19.2	18.1			20.6	20.3	19.2	18.1				20.8	20.3	19.1	18.0				38.0		
		40.0		19.1	18.0	17.0			18.1	19.1	18.0	16.9				19.3	19.0	17.9	16.9				40.0		
		42.0		17.9	16.9	15.9	15.0		15.6	17.9	16.9	15.9	14.9			17.3	17.9	16.8	15.8				42.0		
		44.0			15.9	15.0	14.1			16.9	15.9	15.0	14.0			15.2	16.8	15.9	14.9	14.0				44.0	
		46.0			15.0	14.1	13.3			15.9	15.0	14.1	13.2				15.9	15.0	14.0	13.2				46.0	
		48.0				13.4	12.5	11.7				14.2	13.3	12.5			15.1	14.2	13.3	12.4				48.0	
		50.0				12.7	11.9	11.1					12.6	11.8	11.1				13.4	12.6	11.8				50.0
		52.0					11.3	10.5					12.0	11.2	10.5				12.7	11.9	11.2	10.4			52.0
		54.0					10.7	10.0						10.7	10.0					11.4	10.6	9.9			54.0
		56.0						9.5						10.2	9.5					10.8	10.1	9.4			56.0
		58.0													9.0						9.6	8.9			58.0
		60.0													8.6						9.2	8.5			60.0
		62.0																				8.1			62.0
	Reeves		4						3						3						Reeves				

Working radius (m)	Boom Length (m)		42.7												Boom Length (m)	
	Jib Length (m)		45.7						48.8						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	Working radius (m)	18.0	28.8						24.5							18.0
		20.0	28.2						23.9							20.0
		22.0	27.6						23.4							22.0
		24.0	27.0						22.9							24.0
		26.0	26.6	27.5					22.4	23.4						26.0
		28.0	25.9	27.0					22.0	22.9						28.0
		30.0	24.7	26.6					21.2	22.4						30.0
		32.0	23.6	25.0	23.6				20.2	22.0						32.0
		34.0	22.5	23.2	21.9				19.2	21.2	21.9					34.0
		36.0	21.4	21.6	20.3				18.3	20.1	20.4					36.0
		38.0	20.4	20.1	19.0				17.5	19.1	19.0					38.0
		40.0	19.2	18.9	17.8	16.7			16.7	18.2	17.8					40.0
		42.0	17.9	17.7	16.7	15.6			16.0	17.4	16.7	15.7				42.0
		44.0	16.4	16.7	15.7	14.7			15.0	16.7	15.7	14.7				44.0
		46.0	14.6	15.8	14.8	13.9	13.0		14.3	15.8	14.8	13.9				46.0
		48.0	12.7	14.9	14.0	13.1	12.2		13.7	14.9	14.0	13.1	12.2			48.0
		50.0		14.1	13.3	12.4	11.6		12.6	14.2	13.3	12.4	11.6			50.0
		52.0		13.2	12.6	11.8	11.0			13.4	12.6	11.8	11.0			52.0
		54.0			12.0	11.2	10.4	9.7		12.8	12.0	11.2	10.4			54.0
		56.0				10.6	9.9	9.2			11.4	10.6	9.9	9.2		56.0
		58.0				10.1	9.4	8.7			10.9	10.1	9.4	8.7		58.0
		60.0					9.0	8.3				9.7	9.0	8.3		60.0
		62.0					8.6	7.9				9.1	8.6	7.9		62.0
		64.0						7.6					8.2	7.6		64.0
	66.0						7.3						7.2		66.0	
68.0												6.9		68.0		
Reeves		3						2						Reeves		

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

42.7m Boom Length	Boom Length (m)	42.7																Boom Length (m)			
	Jib Length (m)	51.8																Jib Length (m)			
	Boom Angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	Working radius (m)	20.0	22.9					20.6						18.7							20.0
		22.0	22.6					20.3						18.4							22.0
		24.0	22.3					20.0						18.1							24.0
		26.0	21.7					19.7						17.8							26.0
		28.0	20.7	20.9				19.0	19.7					17.1							28.0
		30.0	19.7	19.9				18.0	18.9					16.2	17.0						30.0
		32.0	18.7	19.0				17.0	17.8					15.4	16.1						32.0
		34.0	17.7	18.0				16.2	16.9					14.6	15.3						34.0
		36.0	16.7	17.1	17.4			15.4	16.0	16.7				13.9	14.5						36.0
		38.0	15.8	16.2	16.5			14.6	15.2	15.8				13.3	13.8	14.4					38.0
		40.0	14.9	15.4	15.7			13.9	14.5	15.0				12.6	13.1	13.6					40.0
		42.0	14.1	14.5	14.9	15.1		13.3	13.8	14.3				12.1	12.5	13.0					42.0
		44.0	13.2	13.7	14.1	14.4		12.7	13.2	13.6	14.0			11.6	12.0	12.4					44.0
		46.0	12.4	12.9	13.4	13.6		12.1	12.6	13.0	13.4			11.1	11.5	11.8	12.2				46.0
		48.0	11.6	12.2	12.6	12.8		11.6	12.0	12.4	12.7			10.6	11.0	11.3	11.7				48.0
		50.0	10.8	11.4	11.9	12.1	11.3	11.1	11.5	11.9	12.0			10.2	10.5	10.8	11.2				50.0
		52.0	10.0	10.7	11.2	11.5	10.7	10.4	10.9	11.2	11.4	10.6		9.7	10.1	10.4	10.7				52.0
		54.0	9.2	10.0	10.5	10.9	10.1	9.7	10.2	10.6	10.8	10.0		9.4	9.7	10.0	10.3	9.9			54.0
		56.0		9.3	9.9	10.3	9.6	9.0	9.6	10.0	10.3	9.5		9.0	9.3	9.6	9.8	9.4			56.0
		58.0		8.5	9.2	9.7	9.1	8.4		8.9	9.4	9.8	9.1		8.4	8.9	9.2	9.4	8.9		58.0
		60.0			8.5	9.0	8.7	8.0		8.3	8.8	9.2	8.6	7.9	7.7	8.3	8.7	8.9	8.4	7.7	60.0
		62.0				8.4	8.3	7.6			8.2	8.6	8.2	7.5		7.7	8.1	8.4	8.0	7.3	62.0
		64.0				7.8	7.9	7.3			7.6	8.1	7.8	7.2			7.6	7.9	7.7	6.9	64.0
		66.0					7.5	6.9				7.5	7.5	6.8			7.0	7.4	7.3	6.6	66.0
		68.0					7.1	6.6				7.0	7.1	6.5				6.9	7.0	6.3	68.0
		70.0						6.2					6.8	6.2				6.4	6.7	5.9	70.0
		72.0						6.0						5.9					6.3	5.7	72.0
		74.0												5.6					5.8	5.4	74.0
	76.0																		5.1	76.0	
	78.0																		4.9	78.0	
	Reeves	2						2						2						Reeves	

42.7m Boom Length	Boom Length (m)	42.7																Boom Length (m)	
	Jib Length (m)	61.0																Jib Length (m)	
	Boom Angle (deg)	88	83	78	73	68	63												88
	Working radius (m)	22.0	16.6																22.0
		24.0	16.4																24.0
		26.0	16.2																26.0
		28.0	15.4																28.0
		30.0	14.6	15.3															30.0
		32.0	13.9	14.5															32.0
		34.0	13.2	13.8															34.0
		36.0	12.6	13.1															36.0
		38.0	12.0	12.5															38.0
		40.0	11.5	11.9	12.4														40.0
		42.0	11.0	11.4	11.8														42.0
		44.0	10.5	10.9	11.3														44.0
		46.0	10.1	10.4	10.8														46.0
		48.0	9.6	10.0	10.3	10.6													48.0
		50.0	9.3	9.6	9.9	10.2													50.0
		52.0	8.9	9.2	9.5	9.7													52.0
		54.0	8.6	8.8	9.1	9.3													54.0
		56.0	8.2	8.5	8.7	9.0	9.2												56.0
		58.0	7.9	8.2	8.4	8.6	8.7												58.0
		60.0	7.1	7.9	8.1	8.3	8.3												60.0
		62.0	6.1	7.6	7.8	8.0	7.9	7.2											62.0
		64.0		7.2	7.5	7.7	7.5	6.8											64.0
		66.0		6.6	7.0	7.3	7.2	6.4											66.0
		68.0			6.5	6.8	6.8	6.1											68.0
		70.0			6.0	6.4	6.5	5.8											70.0
		72.0				5.9	6.2	5.5											72.0
		74.0				5.4	5.8	5.2											74.0
		76.0					5.3	5.0											76.0
	78.0						4.7											78.0	
	80.0						4.5												
	Reeves	2																	Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

45.7m Boom Length	Boom Length (m)		45.7																Boom Length (m)			
	Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	Working radius (m)	12.0	54.0						54.0						49.0							12.0
		14.0	54.0						54.0						47.5							14.0
		16.0	53.0	54.0					51.0						46.0							16.0
		18.0	49.3	52.8					48.2	52.6					44.6							18.0
		20.0	45.4	46.2					45.5	46.2					43.1	45.7						20.0
		22.0	41.9	40.9	38.7				42.7	40.9					41.6	40.7						22.0
		24.0	33.4	36.6	34.7				38.0	36.6	34.5				38.2	36.5						24.0
		26.0		33.1	31.3				31.8	33.1	31.1				34.2	33.0	31.0					26.0
		28.0		30.1	28.5	27.1				30.2	28.4				29.8	30.1	28.2					28.0
		30.0			26.2	24.9				27.7	26.0	24.8			24.7	27.6	25.8					30.0
		32.0			24.1	23.0					24.0	22.9				25.4	23.8	22.7				32.0
		34.0				21.3	20.0				22.2	21.2				23.6	22.0	21.0				34.0
		36.0				19.8	18.6					19.7	18.4				20.5	19.6				36.0
		38.0					17.3	16.4				18.4	17.1				19.2	18.3	16.9			38.0
		40.0					16.2	15.4					16.0	15.3				17.1	15.8			40.0
		42.0						14.4					15.1	14.4				16.1	14.9	14.1		42.0
		44.0						13.6						13.5					14.0	13.3		44.0
		46.0												12.7					13.2	12.6		46.0
		48.0																		11.9		48.0
		50.0																		11.2		50.0
	Reeves		4						4						4						Reeves	

Boom Length (m)		45.7												Boom Length (m)	
Jib Length (m)		30.5						33.5						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	40.5						40.5						14.0	
	16.0	40.5						40.5						16.0	
	18.0	40.5						40.5						18.0	
	20.0	40.5	40.5					40.5						20.0	
	22.0	40.5	40.5					38.5	40.3					22.0	
	24.0	38.2	36.4					36.4	36.4					24.0	
	26.0	34.6	32.9	31.0				34.4	32.9					26.0	
	28.0	31.2	30.0	28.2				31.3	30.0	28.0				28.0	
	30.0	28.1	27.5	25.8				28.4	27.5	25.6				30.0	
	32.0	24.0	25.4	23.8	22.6			25.9	25.3	23.6				32.0	
	34.0		23.5	22.1	20.9			22.7	23.5	21.9	20.8			34.0	
	36.0		21.9	20.5	19.4			19.3	21.9	20.3	19.4			36.0	
	38.0			19.2	18.1	16.9			20.4	19.0	18.1			38.0	
	40.0			18.0	17.0	15.8			19.1	17.8	16.9	15.6		40.0	
	42.0				16.0	14.8				16.7	15.9	14.6		42.0	
	44.0				15.0	14.0	13.2			15.7	15.0	13.8		44.0	
	46.0					13.2	12.4				14.1	13.0	12.3	46.0	
	48.0					12.5	11.7				13.4	12.3	11.7	48.0	
	50.0						11.1					11.6	11.0	50.0	
	52.0						10.5					11.0	10.5	52.0	
54.0												9.9	54.0		
56.0												9.5	56.0		
Reeves		3						3						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

45.7m Boom Length	Boom Length (m)		45.7																		Boom Length (m)	
	Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	16.0		39.4						35.2						31.6							16.0
	18.0		39.0						34.9						31.3							18.0
	20.0		37.9						34.6						31.0							20.0
	22.0		36.3	39.6					33.8						30.7							22.0
	24.0		34.6	36.2					32.6	35.0					30.2	31.2						24.0
	26.0		33.0	32.8					31.3	32.6					29.2	30.9						26.0
	28.0		31.4	29.8					30.1	29.6					28.3	29.6						28.0
	30.0		28.8	27.4	25.6				28.8	27.2	25.6				27.3	27.2						30.0
	32.0		26.2	25.2	23.6				26.6	25.1	23.6				26.3	25.0	23.5					32.0
	34.0		24.1	23.4	21.9				24.4	23.3	21.9				24.5	23.2	21.8					34.0
	36.0		21.7	21.8	20.3	19.2			22.5	21.6	20.3				22.6	21.6	20.3					36.0
	38.0		18.9	20.3	19.0	17.9			20.7	20.2	19.0	17.8			20.9	20.2	18.9					38.0
	40.0			19.1	17.8	16.8			18.3	18.9	17.8	16.6			19.4	18.9	17.7	16.6				40.0
	42.0			17.9	16.7	15.8	14.6		15.7	17.8	16.7	15.6			17.5	17.7	16.6	15.5				42.0
	44.0				15.7	14.9	13.7			16.8	15.7	14.7	13.7		15.4	16.6	15.7	14.6				44.0
	46.0				14.9	14.0	13.0			15.8	14.8	13.9	12.9			15.8	14.8	13.8	12.8			46.0
	48.0					13.3	12.2	11.5			14.0	13.1	12.2			14.9	14.0	13.0	12.1			48.0
	50.0					12.6	11.6	10.9			13.3	12.4	11.5	10.7			13.3	12.3	11.5			50.0
	52.0						11.0	10.3				11.8	10.9	10.1			12.6	11.7	10.9	10.1		52.0
	54.0						10.4	9.8				11.2	10.4	9.6				11.1	10.3	9.5		54.0
	56.0							9.3					9.9	9.1				10.6	9.8	9.1		56.0
	58.0							8.9					9.4	8.7					9.4	8.6		58.0
	60.0													8.3					8.9	8.2		60.0
	62.0																			7.8		62.0
	64.0																			7.5		64.0
	Reeves		3						3						3						Reeves	

Boom Length (m)		45.7												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	28.1						24.6						18.0	Working radius (m)
	20.0	27.8						24.0						20.0	
	22.0	27.5						23.4						22.0	
	24.0	27.1						22.9						24.0	
	26.0	26.6	27.6					22.4	23.5					26.0	
	28.0	26.0	27.1					22.0	22.9					28.0	
	30.0	24.7	26.6					21.3	22.5					30.0	
	32.0	23.6	24.9					20.2	22.0					32.0	
	34.0	22.5	23.0	21.6				19.2	21.4	21.7				34.0	
	36.0	21.4	21.4	20.1				18.3	20.3	20.1				36.0	
	38.0	20.4	20.0	18.7				17.5	19.3	18.8				38.0	
	40.0	19.3	18.7	17.5	16.4			16.7	18.4	17.6				40.0	
	42.0	18.0	17.6	16.5	15.4			16.0	17.6	16.5	15.4			42.0	
	44.0	16.5	16.6	15.5	14.4			15.0	16.6	15.5	14.5			44.0	
	46.0	14.7	15.6	14.6	13.6			14.3	15.7	14.6	13.6			46.0	
	48.0	12.8	14.8	13.8	12.9	11.9		13.7	14.8	13.8	12.9			48.0	
	50.0		14.0	13.1	12.2	11.3		12.7	14.1	13.1	12.2	11.3		50.0	
	52.0		13.3	12.4	11.5	10.7			13.3	12.4	11.6	10.7		52.0	
	54.0			11.8	11.0	10.1	9.3		12.7	11.8	11.0	10.1		54.0	
	56.0			11.3	10.4	9.6	8.9			11.3	10.4	9.6	8.9	56.0	
	58.0				9.9	9.2	8.4			10.7	9.9	9.2	8.4	58.0	
60.0				9.5	8.7	8.0				9.5	8.7	8.0	60.0		
62.0					8.3	7.7				9.0	8.3	7.6	62.0		
64.0					8.0	7.3					8.0	7.3	64.0		
66.0						7.0					7.6	6.9	66.0		
68.0												6.6	68.0		
70.0												6.3	70.0		
Reeves		3						2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

45.7m Boom Length	Boom Length (m)		45.7																Boom Length (m)			
	Jib Length (m)		51.8					54.9					57.9						Jib Length (m)			
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
			20.0	22.4					20.2						18.3							20.0
			22.0	22.1					19.9						18.0							22.0
			24.0	21.8					19.6						17.7							24.0
			26.0	21.5					19.3						17.4							26.0
			28.0	20.6	20.8				19.0	19.6					17.1							28.0
			30.0	19.6	19.8				18.0	18.8					16.2	17.0						30.0
			32.0	18.6	18.9				17.0	17.8					15.4	16.1						32.0
			34.0	17.6	17.9				16.1	16.9					14.6	15.3						34.0
			36.0	16.7	17.0	17.3			15.3	16.0					13.9	14.5						36.0
			38.0	15.8	16.1	16.4			14.6	15.2	15.8				13.2	13.8	14.4					38.0
			40.0	14.9	15.3	15.6			13.9	14.5	15.0				12.6	13.1	13.6					40.0
			42.0	14.0	14.5	14.8			13.3	13.8	14.3				12.1	12.5	13.0					42.0
			44.0	13.2	13.7	14.0	14.2		12.7	13.1	13.6				11.5	12.0	12.4					44.0
			46.0	12.4	12.9	13.3	13.3		12.1	12.6	13.0	13.2			11.0	11.4	11.8	12.2				46.0
			48.0	11.6	12.1	12.6	12.6		11.6	12.0	12.4	12.5			10.6	10.9	11.3	11.7				48.0
			50.0	10.8	11.4	11.9	11.9		11.1	11.5	11.8	11.8			10.1	10.5	10.8	11.2				50.0
			52.0	10.0	10.7	11.2	11.3	10.4	10.4	10.8	11.2	11.2	10.3		9.7	10.1	10.4	10.7				52.0
			54.0	9.2	10.0	10.5	10.7	9.8	9.7	10.2	10.6	10.6	9.8		9.3	9.7	10.0	10.2	9.6			54.0
			56.0		9.3	9.8	10.2	9.3	9.0	9.6	10.0	10.1	9.3		9.0	9.3	9.6	9.8	9.1			56.0
			58.0		8.5	9.2	9.6	8.9	8.1	8.9	9.4	9.6	8.8		8.4	8.8	9.1	9.3	8.6			58.0
			60.0			8.5	9.0	8.4	7.7		8.3	8.8	9.1	8.4	7.6	7.7	8.3	8.6	8.8	8.2		60.0
			62.0			7.9	8.4	8.0	7.3		8.2	8.6	8.0	7.2		7.7	8.1	8.3	7.8	7.0		62.0
			64.0				7.8	7.7	6.9		7.6	8.0	7.6	6.8		7.0	7.5	7.8	7.4	6.6		64.0
			66.0				7.2	7.3	6.6			7.5	7.2	6.5			7.0	7.4	7.1	6.3		66.0
			68.0					7.0	6.2			7.0	6.9	6.1			6.5	6.9	6.7	5.9		68.0
			70.0					6.6	5.9				6.6	5.8				6.4	6.4	5.6		70.0
			72.0						5.6				6.3	5.5				5.9	6.1	5.3		72.0
			74.0											5.3					5.8	5.1		74.0
			76.0											5.0						4.8		76.0
			78.0																	4.6		78.0
	Reeves		2					2					2					Reeves				

Boom Length (m)		45.7						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	22.0	16.3						Working radius (m)	22.0
	24.0	16.1							24.0
	26.0	15.9							26.0
	28.0	15.4							28.0
	30.0	14.6	15.3						30.0
	32.0	13.9	14.5						32.0
	34.0	13.2	13.8						34.0
	36.0	12.6	13.1						36.0
	38.0	12.0	12.5						38.0
	40.0	11.4	11.9	12.4					40.0
	42.0	10.9	11.4	11.8					42.0
	44.0	10.5	10.9	11.2					44.0
	46.0	10.0	10.4	10.7					46.0
	48.0	9.6	9.9	10.3	10.6				48.0
	50.0	9.2	9.5	9.8	10.1				50.0
	52.0	8.9	9.2	9.4	9.7				52.0
	54.0	8.5	8.8	9.1	9.3				54.0
	56.0	8.2	8.5	8.7	8.9	8.9			56.0
	58.0	7.5	8.1	8.4	8.6	8.5			58.0
	60.0	6.5	7.8	8.1	8.3	8.1			60.0
	62.0	5.6	7.5	7.8	7.9	7.7			62.0
	64.0		7.2	7.5	7.6	7.3	6.4		64.0
	66.0		6.6	7.0	7.2	6.9	6.1		66.0
	68.0			6.5	6.8	6.6	5.8		68.0
	70.0			6.0	6.3	6.2	5.5		70.0
	72.0				5.9	5.9	5.2		72.0
	74.0				5.4	5.6	4.9		74.0
	76.0					5.3	4.7		76.0
	78.0					4.8	4.4		78.0
	80.0						4.2		80.0
	82.0						4.0		82.0
	Reeves	2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

48.8m Boom Length

Boom Length (m)		48.8																		Boom Length (m)	
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	12.0	54.0						48.0						40.5						12.0	
	14.0	54.0						46.6						40.5						14.0	
	16.0	52.7						45.1						40.5						16.0	
	18.0	48.5	52.6					43.7	52.4					40.5						18.0	
	20.0	44.2	46.1					42.2	45.9					40.5	40.5					20.0	
	22.0	40.4	40.8					40.8	40.7					40.5	40.5					22.0	
	24.0	33.2	36.5	34.4				37.5	36.4	34.2				37.8	36.3					24.0	
	26.0		33.0	31.1				32.4	32.9	30.9				34.6	32.8	30.7				26.0	
	28.0		30.1	28.3					30.0	28.2				30.3	29.9	28.0				28.0	
	30.0			26.0	24.6				27.5	25.8	24.4			25.2	27.4	25.6				30.0	
	32.0			23.9	22.7				25.4	23.8	22.5				25.3	23.6	22.3			32.0	
	34.0				21.0	19.6				22.0	20.8				23.4	21.9	20.6			34.0	
	36.0				19.5	18.2				20.5	19.4	18.0				20.4	19.2			36.0	
	38.0					17.0					18.1	16.8				19.0	17.9	16.6		38.0	
	40.0					15.9	15.0				16.9	15.7					16.8	15.5		40.0	
	42.0						14.1					14.7	13.9				15.7	14.6		42.0	
	44.0						13.2					13.9	13.0					13.7	12.8	44.0	
	46.0												12.3					12.9	12.1	46.0	
	48.0												11.6						11.4	48.0	
	50.0																		10.8	50.0	
Reeves		6						5						5						Reeves	

Working radius (m)

Boom Length (m)		48.8												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	40.5						40.5						14.0
	16.0	40.5						40.5						16.0
	18.0	40.5						40.5						18.0
	20.0	40.5	40.5					40.5						20.0
	22.0	40.5	40.4					38.5	40.1					22.0
	24.0	37.9	36.2					36.4	36.2					24.0
	26.0	34.5	32.7					34.4	32.7					26.0
	28.0	31.4	29.8	27.8				31.3	29.8	27.6				28.0
	30.0	28.3	27.3	25.5				28.5	27.3	25.3				30.0
	32.0	24.2	25.2	23.5				26.0	25.2	23.3				32.0
	34.0		23.4	21.8	20.5			22.9	23.4	21.6				34.0
	36.0		21.7	20.3	19.0			19.5	21.7	20.1	19.0			36.0
	38.0		20.3	18.9	17.8				20.3	18.7	17.7			38.0
	40.0			17.7	16.6	15.4			19.0	17.5	16.6			40.0
	42.0			16.6	15.6	14.4				16.5	15.6	14.2		42.0
	44.0				14.7	13.6				15.5	14.7	13.3		44.0
	46.0				13.9	12.8	11.9				13.9	12.6		46.0
	48.0					12.1	11.3				13.1	11.9	11.2	48.0
	50.0					11.4	10.7					11.2	10.6	50.0
	52.0						10.1					10.7	10.1	52.0
	54.0						9.6						9.5	54.0
	56.0												9.1	56.0
Reeves		5						4						Reeves

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

48.8m Boom Length	Boom Length (m)		48.8																		Boom Length (m)	
	Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	37.9						34.0							30.6							16.0
	18.0	37.4						33.6							30.3							18.0
	20.0	36.9						33.2							29.9							20.0
	22.0	35.5	38.2					32.8							29.6							22.0
	24.0	33.8	36.0					31.9	33.9						29.3	30.3						24.0
	26.0	32.1	32.6					30.7	32.4						29.0	30.0						26.0
	28.0	30.5	29.7					29.5	29.5						28.3	29.5						28.0
	30.0	28.8	27.2	25.3				28.3	27.1						27.3	27.0						30.0
	32.0	26.3	25.1	23.3				26.6	24.9	23.3					26.3	24.9	23.2					32.0
	34.0	24.1	23.2	21.6				24.5	23.1	21.6					24.6	23.1	21.5					34.0
	36.0	21.9	21.6	20.1	18.9			22.6	21.5	20.1					22.6	21.4	20.0					36.0
	38.0	19.0	20.2	18.7	17.6			20.8	20.1	18.7	17.4				20.9	20.0	18.7					38.0
	40.0		18.9	17.5	16.5			18.4	18.8	17.5	16.3				19.4	18.8	17.5	16.2				40.0
	42.0		17.8	16.5	15.5			15.9	17.7	16.5	15.3				17.6	17.6	16.4	15.2				42.0
	44.0		16.8	15.5	14.5	13.3			16.7	15.5	14.4				15.5	16.6	15.4	14.3				44.0
	46.0			14.7	13.7	12.6			15.7	14.6	13.6	12.5				15.7	14.6	13.5				46.0
	48.0			13.9	13.0	11.9				13.8	12.8	11.8				14.8	13.8	12.7	11.7			48.0
	50.0				12.3	11.2	10.5			13.1	12.1	11.2					13.1	12.1	11.1			50.0
	52.0				11.7	10.6	9.9				11.5	10.6	9.7				12.4	11.4	10.5			52.0
	54.0					10.1	9.4				10.9	10.1	9.2				11.8	10.9	10.0	9.1		54.0
	56.0					9.6	8.9					9.6	8.8					10.4	9.5	8.7		56.0
	58.0						8.5					9.1	8.3					9.9	9.0	8.2		58.0
	60.0						8.1						7.9						8.6	7.9		60.0
	62.0												7.6						8.2	7.5		62.0
	64.0																			7.1		64.0
	66.0																			6.8		66.0
Reeves		3						3						3						Reeves		

Boom Length (m)		48.8												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	27.0						24.4							18.0
	20.0	27.0						24.0							20.0
	22.0	27.0						23.4							22.0
	24.0	27.0						22.9							24.0
	26.0	26.6	26.7					22.4	23.5						26.0
	28.0	26.0	26.4					22.0	23.0						28.0
	30.0	24.8	26.1					21.3	22.5						30.0
	32.0	23.6	24.7					20.2	22.1						32.0
	34.0	22.5	22.9	21.3				19.2	21.6						34.0
	36.0	21.4	21.3	19.8				18.3	20.5	19.9					36.0
	38.0	20.4	19.9	18.5				17.5	19.5	18.5					38.0
	40.0	19.3	18.6	17.3				16.7	18.5	17.3					40.0
	42.0	18.0	17.5	16.2	15.0			15.9	17.5	16.3	15.0				42.0
	44.0	16.7	16.5	15.3	14.1			15.0	16.5	15.3	14.1				44.0
	46.0	14.8	15.5	14.4	13.3			14.3	15.6	14.4	13.3				46.0
	48.0	12.9	14.7	13.6	12.6	11.5		13.8	14.7	13.6	12.6				48.0
	50.0		13.9	12.9	11.9	10.9		12.8	14.0	12.9	11.9	10.9			50.0
	52.0		13.2	12.2	11.3	10.3			13.2	12.3	11.3	10.3			52.0
	54.0			11.6	10.7	9.8			12.6	11.6	10.7	9.8			54.0
	56.0			11.1	10.2	9.3	8.5			11.1	10.2	9.3			56.0
	58.0				9.7	8.9	8.0			10.6	9.7	8.9	8.0		58.0
	60.0				9.2	8.4	7.6			10.1	9.2	8.4	7.6		60.0
	62.0					8.0	7.2				8.8	8.0	7.2		62.0
	64.0					7.7	6.9				8.4	7.7	6.9		64.0
	66.0						6.6					7.3	6.5		66.0
	68.0						6.2					7.0	6.2		68.0
	70.0												5.9		70.0
	72.0												5.6		72.0
	Reeves		2						2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom Length (m)		48.8																Boom Length (m)			
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
48.8m Boom Length	20.0	21.8						19.7													20.0
	22.0	21.5						19.4						17.7							22.0
	24.0	21.2						19.1						17.4							24.0
	26.0	20.9						18.8						17.1							26.0
	28.0	20.5	20.7					18.5						16.8							28.0
	30.0	19.5	19.7					17.9	18.7					16.1	16.9						30.0
	32.0	18.5	18.7					17.0	17.8					15.3	16.1						32.0
	34.0	17.5	17.8					16.1	16.8					14.5	15.2						34.0
	36.0	16.6	16.9	17.1				15.3	16.0					13.8	14.4						36.0
	38.0	15.7	16.0	16.2				14.5	15.2	15.7				13.2	13.7						38.0
	40.0	14.8	15.2	15.4				13.9	14.4	15.0				12.6	13.1	13.6					40.0
	42.0	13.9	14.4	14.6				13.2	13.7	14.3				12.0	12.5	12.9					42.0
	44.0	13.1	13.6	13.9	13.8			12.6	13.1	13.6				11.5	11.9	12.3					44.0
	46.0	12.3	12.8	13.1	13.0			12.1	12.5	12.9	13.0				11.0	11.4	11.8				46.0
	48.0	11.5	12.1	12.4	12.3			11.5	12.0	12.3	12.2				10.5	10.9	11.3	11.6			48.0
	50.0	10.8	11.3	11.7	11.6			11.0	11.4	11.6	11.5				10.1	10.4	10.8	11.1			50.0
	52.0	10.0	10.6	11.1	11.0	10.0		10.3	10.8	11.0	10.9				9.7	10.0	10.3	10.6			52.0
	54.0	9.2	9.9	10.4	10.4	9.5		9.6	10.1	10.4	10.4	9.4			9.3	9.6	9.9	10.1			54.0
	56.0		9.2	9.8	9.9	9.0		8.9	9.5	9.8	9.8	8.9			8.9	9.2	9.5	9.6	8.7		56.0
	58.0		8.5	9.1	9.4	8.6			8.9	9.3	9.3	8.5			8.0	8.8	9.0	9.1	8.3		58.0
60.0			8.5	8.9	8.1	7.2		8.2	8.7	8.9	8.1			7.0	8.2	8.5	8.7	7.9		60.0	
62.0			7.9	8.3	7.7	6.8			8.1	8.5	7.7	6.7			7.6	8.0	8.2	7.5		62.0	
64.0				7.8	7.4	6.5			7.6	7.9	7.3	6.4			7.0	7.5	7.7	7.1	6.2	64.0	
66.0				7.2	7.0	6.2				7.4	6.9	6.1				6.9	7.2	6.7	5.8	66.0	
68.0					6.7	5.8				6.9	6.6	5.7				6.4	6.8	6.4	5.5	68.0	
70.0					6.4	5.5				6.4	6.3	5.4					6.3	6.1	5.2	70.0	
72.0						5.3											5.8	5.8	5.0	72.0	
74.0						5.0						5.7	4.9					5.5	4.7	74.0	
76.0													4.7					5.2	4.5	76.0	
78.0													4.4						4.2	78.0	
80.0																			4.0	80.0	
Reeves		4						3						3						Reeves	

Boom Length (m)		48.8						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)		22.0	16.0						22.0
		24.0	15.8						24.0
		26.0	15.6						26.0
		28.0	15.3						28.0
		30.0	14.5						30.0
		32.0	13.8	14.5					32.0
		34.0	13.1	13.8					34.0
		36.0	12.5	13.1					36.0
		38.0	11.9	12.4					38.0
		40.0	11.4	11.8	12.3				40.0
		42.0	10.9	11.3	11.7				42.0
		44.0	10.4	10.8	11.2				44.0
		46.0	10.0	10.3	10.7				46.0
		48.0	9.6	9.9	10.2				48.0
		50.0	9.2	9.5	9.8	10.1			50.0
		52.0	8.8	9.1	9.4	9.6			52.0
		54.0	8.5	8.8	9.0	9.2			54.0
		56.0	8.0	8.4	8.7	8.9			56.0
		58.0	6.9	8.1	8.3	8.5	8.2		58.0
		60.0	5.9	7.8	8.0	8.2	7.7		60.0
		62.0	5.0	7.5	7.7	7.9	7.3		62.0
		64.0		7.1	7.3	7.5	6.9		64.0
		66.0		6.2	6.9	7.0	6.6		66.0
		68.0			6.4	6.6	6.2		68.0
		70.0			5.9	6.2	5.9		70.0
		72.0				5.7	5.6		72.0
		74.0				5.3	5.3		74.0
		76.0					5.1		76.0
		78.0					4.7		78.0
		80.0					4.3		80.0
		82.0							82.0
		Reeves			3				Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

51.8m Boom Length	Boom Length (m)		51.8																Boom Length (m)			
	Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
	Working radius (m)	12.0	54.0						40.5						40.5							12.0
		14.0	52.4						40.5						40.5							14.0
		16.0	47.1						40.5						40.5							16.0
		18.0	42.6	51.8					40.5	40.5					40.5							18.0
		20.0	38.8	45.8					39.0	40.5					39.1	40.5						20.0
		22.0	35.5	40.6					35.7	40.4					35.8	40.3						22.0
		24.0	32.5	36.3	34.0				32.9	36.2					33.0	36.1						24.0
		26.0		32.9	30.7				30.3	32.7	30.5				30.5	32.6	30.3					26.0
		28.0		29.9	28.0				26.0	29.8	27.8				28.3	29.7	27.6					28.0
		30.0			25.7	24.1				27.3	25.5				25.5	27.2	25.3					30.0
		32.0			23.7	22.3				25.2	23.5	22.1				25.1	23.3					32.0
		34.0			21.9	20.6					21.8	20.4				23.3	21.6	20.2				34.0
		36.0				19.2	17.7				20.2	19.0					20.1	18.8				36.0
		38.0				17.9	16.5					17.7	16.3				18.8	17.6				38.0
		40.0					15.5					16.6	15.3				17.6	16.4	15.1			40.0
		42.0					14.5	13.6					14.3					15.4	14.1			42.0
		44.0						12.8					13.5	12.6				14.5	13.3			44.0
		46.0						12.0						11.8					12.5	11.6		46.0
		48.0												11.2					11.9	11.0		48.0
		50.0																		10.4		50.0
	52.0																		9.9		52.0	
	Reeves		4						3						3						Reeves	

Boom Length (m)		51.8												Boom Length (m)	
Jib Length (m)		30.5						33.5						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	40.5						40.5						14.0	
	16.0	40.5						40.5						16.0	
	18.0	40.5						40.5						18.0	
	20.0	38.8	40.5					38.7						20.0	
	22.0	35.7	40.2					35.6	39.8					22.0	
	24.0	32.9	36.0					32.9	35.9					24.0	
	26.0	30.5	32.5					30.6	32.5					26.0	
	28.0	28.4	29.6	27.6				28.4	29.6					28.0	
	30.0	26.4	27.1	25.3				26.5	27.1	25.1				30.0	
	32.0	24.7	25.0	23.4				24.8	25.0	23.2				32.0	
	34.0		23.2	21.6	20.1			23.2	23.2	21.5				34.0	
	36.0		21.6	20.1	18.7			19.9	21.6	19.9	18.6			36.0	
	38.0		20.2	18.8	17.4				20.2	18.6	17.4			38.0	
	40.0			17.6	16.3				18.9	17.4	16.3			40.0	
	42.0			16.5	15.3	14.1				16.4	15.3	13.9		42.0	
	44.0				14.4	13.3				15.4	14.4	13.1		44.0	
	46.0				13.6	12.5					13.6	12.3		46.0	
	48.0					11.8	10.8				12.8	11.6		48.0	
	50.0					11.2	10.3				12.1	11.0	10.2	50.0	
	52.0						9.7					10.4	9.7	52.0	
54.0						9.2					9.9	9.2	54.0		
56.0												8.7	56.0		
58.0												8.3	58.0		
Reeves		3						3						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

51.8m Boom Length

Boom Length (m)		51.8																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	36.3						32.7													16.0
	18.0	35.8						32.3						27.0							18.0
	20.0	35.3						31.9						27.0							20.0
	22.0	34.8						31.5						27.0							22.0
	24.0	32.9	35.7					31.1	32.7					27.0							24.0
	26.0	30.6	32.4					30.2	32.2					27.0	27.0						26.0
	28.0	28.5	29.5					28.1	29.3					27.0	27.0						28.0
	30.0	26.6	27.0	25.0				26.3	26.9					26.4	26.8						30.0
	32.0	24.9	24.9	23.0				24.7	24.8	23.0				24.7	24.7						32.0
	34.0	23.3	23.1	21.3				23.2	23.0	21.3				23.3	22.9	21.2					34.0
	36.0	21.9	21.5	19.8				21.8	21.4	19.8				21.9	21.3	19.7					36.0
	38.0	19.2	20.1	18.5	17.2			20.6	19.9	18.5				20.7	19.9	18.4					38.0
	40.0		18.8	17.3	16.1			18.6	18.7	17.3	15.9			19.5	18.6	17.2	15.9				40.0
	42.0		17.7	16.2	15.1			16.1	17.5	16.2	15.0			17.7	17.5	16.2	14.9				42.0
	44.0		16.6	15.3	14.2	12.9			16.5	15.3	14.1			15.6	16.5	15.2	14.0				44.0
	46.0			14.4	13.4	12.2			15.6	14.4	13.3	12.1			15.6	14.4	13.2				46.0
	48.0			13.7	12.7	11.5				13.6	12.5	11.5			14.7	13.6	12.5	11.4			48.0
	50.0				12.0	10.9				12.9	11.9	10.8			14.0	12.9	11.8	10.8			50.0
	52.0				11.4	10.3	9.5				11.3	10.3				12.2	11.2	10.2			52.0
	54.0					9.8	9.0				10.7	9.7	8.8			11.6	10.6	9.7			54.0
	56.0					9.3	8.6				10.2	9.3	8.4					10.1	9.2	8.3	56.0
	58.0						8.1					8.8	7.9					9.6	8.7	7.8	58.0
	60.0						7.7					8.4	7.5						8.3	7.4	60.0
	62.0												7.2						7.9	7.1	62.0
	64.0												6.8							6.7	64.0
	66.0																			6.4	66.0
Reeves		3						3						2						Reeves	

Working radius (m)

Boom Length (m)		51.8												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	26.2						23.7							18.0
	20.0	25.9						23.4							20.0
	22.0	25.7						23.1							22.0
	24.0	25.4						22.8							24.0
	26.0	25.1	26.0					22.5							26.0
	28.0	24.8	25.7					22.0	23.1						28.0
	30.0	24.5	25.4					21.4	22.6						30.0
	32.0	23.6	24.6					20.3	22.2						32.0
	34.0	22.5	22.7	21.0				19.3	21.8						34.0
	36.0	21.4	21.1	19.6				18.4	20.6	19.6					36.0
	38.0	20.5	19.7	18.2				17.5	19.6	18.3					38.0
	40.0	19.4	18.5	17.1				16.8	18.5	17.1					40.0
	42.0	18.0	17.3	16.0	14.7			15.8	17.4	16.0					42.0
	44.0	16.8	16.3	15.1	13.8			14.9	16.4	15.1	13.8				44.0
	46.0	14.9	15.4	14.2	13.0			14.2	15.5	14.2	13.0				46.0
	48.0	13.0	14.6	13.4	12.3			13.7	14.6	13.4	12.3				48.0
	50.0		13.8	12.7	11.6	10.6		12.9	13.8	12.7	11.6				50.0
	52.0		13.1	12.0	11.0	10.0			13.1	12.1	11.0	10.0			52.0
	54.0			11.5	10.4	9.5			12.5	11.5	10.5	9.5			54.0
	56.0			10.9	9.9	9.0			11.9	10.9	9.9	9.0			56.0
	58.0				9.5	8.5	7.6			10.4	9.5	8.6			58.0
	60.0				9.0	8.1	7.2			9.9	9.0	8.1	7.2		60.0
	62.0				8.6	7.8	6.8				8.6	7.8	6.8		62.0
	64.0					7.4	6.5				8.2	7.4	6.5		64.0
	66.0					7.1	6.1					7.1	6.1		66.0
	68.0						5.8					6.7	5.8		68.0
	70.0						5.6						5.5		70.0
	72.0												5.3		72.0
Reeves		2						2						Reeves	

Working radius (m)

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

51.8m Boom Length	Boom Length (m)		51.8																Boom Length (m)				
	Jib Length (m)		54.9																Jib Length (m)				
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)		
	Working radius (m)	20.0	21.2						19.2														20.0
		22.0	20.9						18.9						17.3								22.0
		24.0	20.6						18.6						17.0								24.0
		26.0	20.3						18.3						16.7								26.0
		28.0	20.0	20.5					18.0						16.4								28.0
		30.0	19.4	19.5					17.7	18.5					16.1	16.9							30.0
		32.0	18.4	18.6					16.9	17.8					15.3	16.0							32.0
		34.0	17.4	17.7					16.0	16.8					14.5	15.2							34.0
		36.0	16.5	16.8					15.2	15.9					13.8	14.4							36.0
		38.0	15.6	15.9	16.1				14.5	15.1	15.5				13.1	13.7							38.0
		40.0	14.7	15.1	15.3				13.8	14.4	14.8				12.5	13.0	13.6						40.0
		42.0	13.9	14.3	14.5				13.2	13.7	14.1				12.0	12.4	12.9						42.0
		44.0	13.1	13.5	13.7				12.6	13.1	13.4				11.5	11.9	12.3						44.0
		46.0	12.3	12.7	13.0	12.7			12.0	12.5	12.8	12.6			11.0	11.4	11.7						46.0
		48.0	11.5	12.0	12.3	12.0			11.5	11.9	12.1	11.9			10.5	10.9	11.2	11.5					48.0
		50.0	10.7	11.3	11.6	11.3			11.0	11.3	11.5	11.3			10.1	10.4	10.7	11.0					50.0
		52.0	10.0	10.6	11.0	10.7			10.3	10.7	10.9	10.7			9.7	10.0	10.3	10.5					52.0
		54.0	9.2	9.9	10.3	10.2	9.2		9.6	10.1	10.3	10.1			9.3	9.6	9.9	9.9					54.0
		56.0		9.2	9.7	9.7	8.7		8.9	9.4	9.7	9.6	8.6		8.3	9.2	9.4	9.4					56.0
		58.0		8.5	9.1	9.2	8.2			8.8	9.2	9.1	8.2		7.3	8.7	8.9	8.9	8.0				58.0
		60.0			8.4	8.7	7.8			8.2	8.6	8.7	7.7		6.4	8.1	8.4	8.5	7.5				60.0
		62.0			7.8	8.3	7.4	6.4		7.6	8.1	8.2	7.3			7.6	7.9	8.0	7.1				62.0
		64.0				7.7	7.1	6.1			7.5	7.8	7.0	6.0		7.0	7.4	7.6	6.7				64.0
		66.0				7.2	6.7	5.8			6.9	7.3	6.6	5.6			6.9	7.1	6.4	5.4			66.0
		68.0				6.6	6.4	5.4				6.8	6.3	5.3			6.4	6.6	6.1	5.1			68.0
		70.0					6.1	5.2				6.3	6.0	5.1				6.2	5.8	4.8			70.0
		72.0					5.8	4.9					5.7	4.8				5.7	5.5	4.6			72.0
		74.0						4.6					5.4	4.5					5.2	4.3			74.0
		76.0						4.4						4.3					4.9	4.1			76.0
		78.0												4.1					4.7	3.9			78.0
80.0																			3.7			80.0	
82.0																			3.5			82.0	
Reeves		2						2						2						Reeves			

51.8							Boom Length (m)						
61.0							Jib Length (m)						
Boom Angle (deg)							88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	22.0	15.7					22.0						
	24.0	15.4					24.0						
	26.0	15.1					26.0						
	28.0	14.8					28.0						
	30.0	14.5					30.0						
	32.0	13.8	14.5				32.0						
	34.0	13.1	13.7				34.0						
	36.0	12.5	13.0				36.0						
	38.0	11.9	12.4				38.0						
	40.0	11.4	11.8	12.3			40.0						
	42.0	10.9	11.3	11.7			42.0						
	44.0	10.4	10.8	11.2			44.0						
	46.0	10.0	10.3	10.7			46.0						
	48.0	9.6	9.9	10.2			48.0						
	50.0	9.2	9.5	9.7	10.0		50.0						
	52.0	8.8	9.1	9.3	9.6		52.0						
	54.0	8.5	8.7	9.0	9.2		54.0						
	56.0	7.3	8.4	8.6	8.8		56.0						
	58.0	6.3	8.1	8.3	8.5	7.8	58.0						
	60.0	5.3	7.8	8.0	8.1	7.3	60.0						
62.0	4.4	7.5	7.7	7.7	6.9	62.0							
64.0		6.9	7.2	7.3	6.6	64.0							
66.0		5.7	6.8	6.9	6.2	66.0							
68.0			6.3	6.5	5.9	4.9	68.0						
70.0			5.9	6.1	5.6	4.7	70.0						
72.0			5.4	5.6	5.3	4.4	72.0						
74.0				5.2	5.0	4.2	74.0						
76.0				4.8	4.8	3.9	76.0						
78.0					4.5	3.7	78.0						
80.0					4.2	3.5	80.0						
82.0						3.3	82.0						
84.0						3.1	84.0						
Reeves	2						Reeves						

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

54.9m Boom Length

Boom Length (m)		54.9																		Boom Length (m)
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	12.0	40.5						40.5												12.0
	14.0	40.5						40.5						40.5						14.0
	16.0	40.5						40.5						40.5						16.0
	18.0	37.2	40.5					37.3						37.3						18.0
	20.0	33.9	40.5					34.0	40.5					34.0	40.5					20.0
	22.0	31.0	37.7					31.3	37.7					31.3	37.7					22.0
	24.0	28.5	34.3	33.7				28.7	34.4					28.8	34.4					24.0
	26.0		31.4	30.5				26.5	31.5	30.3				26.7	31.6					26.0
	28.0		28.8	27.8				24.5	29.0	27.6				24.7	29.1	27.4				28.0
	30.0		26.5	25.5	23.7				26.8	25.3				22.9	26.9	25.1				30.0
	32.0			23.5	21.8				24.8	23.3	21.6				24.9	23.2				32.0
	34.0			21.7	20.2					21.6	20.0				23.1	21.4	19.8			34.0
	36.0				18.8	17.3				20.1	18.6					19.9	18.4			36.0
	38.0				17.5	16.2					17.3	16.0				18.6	17.2			38.0
	40.0					15.1					16.2	14.9				17.4	16.1	14.7		40.0
	42.0					14.2	13.0				15.2	14.0					15.1	13.8		42.0
	44.0					13.4	12.3					13.2	12.0				14.2	13.0		44.0
	46.0						11.6					12.4	11.3					12.2	11.1	46.0
	48.0						10.9						10.7					11.6	10.5	48.0
	50.0												10.1						9.9	50.0
	52.0																		9.4	52.0
	54.0																		8.9	54.0
Reeves		3						3						3						Reeves

Boom Length (m)		54.9												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	40.5						39.0						14.0
	16.0	40.5						38.4						16.0
	18.0	37.3						37.2						18.0
	20.0	34.1						34.0						20.0
	22.0	31.3	36.9					31.2	36.9					22.0
	24.0	28.9	33.9					28.8	33.8					24.0
	26.0	26.7	31.2					26.7	31.1					26.0
	28.0	24.8	28.8	27.3				24.8	28.7					28.0
	30.0	23.1	26.7	25.0				23.2	26.7	24.8				30.0
	32.0	21.6	24.8	23.0				21.6	24.8	22.8				32.0
	34.0	20.1	23.2	21.3				20.2	23.0	21.1				34.0
	36.0		21.6	19.8	18.4			18.9	21.4	19.7				36.0
	38.0		20.1	18.5	17.2				20.0	18.3	17.0			38.0
	40.0			17.3	16.1				18.8	17.2	15.9			40.0
	42.0			16.3	15.1	13.7				16.1	14.9			42.0
	44.0				14.2	12.8				15.2	14.0	12.6		44.0
	46.0				13.4	12.1				14.3	13.2	11.9		46.0
	48.0				12.7	11.4	10.5				12.5	11.2		48.0
	50.0					10.8	9.9				11.9	10.6	9.7	50.0
	52.0					10.3	9.4					10.1	9.2	52.0
	54.0						8.9					9.6	8.7	54.0
	56.0						8.5						8.3	56.0
	58.0												7.8	58.0
	60.0												7.4	60.0
Reeves		3						3						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom Length (m)		54.9																		Boom Length (m)	
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
44.9m Boom Length	Working radius (m)	16.0	33.4					27.0													16.0
		18.0	32.8					27.0						27.0							18.0
		20.0	32.2					27.0						27.0							20.0
		22.0	30.8					27.0						27.0							22.0
		24.0	28.5	33.7				27.0	27.0					27.0							24.0
		26.0	26.4	31.1				26.4	27.0					26.4	27.0						26.0
		28.0	24.6	28.7				24.6	27.0					24.6	27.0						28.0
		30.0	23.0	26.6				23.0	26.6					23.0	26.6						30.0
		32.0	21.5	24.8	22.9			21.5	24.6	22.7				21.5	24.5						32.0
		34.0	20.2	22.9	21.2			20.2	22.8	21.0				20.2	22.7	20.9					34.0
		36.0	19.0	21.3	19.7			19.0	21.2	19.5				19.0	21.1	19.4					36.0
		38.0	17.8	19.9	18.4	16.8		17.9	19.8	18.2				17.9	19.7	18.1					38.0
		40.0		18.7	17.2	15.7		16.8	18.5	17.0	15.6			16.9	18.5	17.0					40.0
		42.0		17.5	16.1	14.8		15.9	17.4	16.0	14.6			16.0	17.4	15.9	14.5				42.0
		44.0		16.5	15.2	13.9			16.4	15.1	13.7			15.1	16.4	15.0	13.6				44.0
		46.0			14.3	13.1	11.9			15.5	14.2	12.9				15.4	14.1	12.9			46.0
		48.0			13.6	12.4	11.2				13.4	12.2	11.0			14.6	13.4	12.1			48.0
		50.0				11.7	10.6				12.7	11.6	10.4			13.8	12.7	11.5	10.4		50.0
		52.0				11.1	10.1	9.0			12.1	11.0	9.9				12.0	10.9	9.8		52.0
		54.0				10.6	9.5	8.5				10.4	9.4	8.3			11.4	10.3	9.3		54.0
		56.0					9.1	8.1				9.9	8.9	7.9				9.8	8.8	7.7	56.0
		58.0					8.6	7.7					8.5	7.4				9.4	8.4	7.3	58.0
		60.0						7.3					8.1	7.0				8.9	8.0	6.9	60.0
		62.0						6.9						6.7					7.6	6.6	62.0
		64.0												6.3					7.3	6.2	64.0
		66.0												6.0						5.9	66.0
		68.0																		5.6	68.0
Reeves		3						2						2						Reeves	

Boom Length (m)		54.9												Boom Length (m)	
Jib Length (m)		45.7						48.8						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	18.0	25.4						23.0							18.0
	20.0	25.1						22.7							20.0
	22.0	24.8						22.4							22.0
	24.0	24.5						22.1							24.0
	26.0	24.2	25.2					21.8							26.0
	28.0	23.9	24.9					21.5	22.6						28.0
	30.0	22.9	24.6					21.2	22.3						30.0
	32.0	21.4	24.3					20.3	22.0						32.0
	34.0	20.1	22.6					19.3	21.7						34.0
	36.0	19.0	21.0	19.3				18.4	20.8	19.3					36.0
	38.0	17.9	19.6	17.9				17.6	19.6	18.0					38.0
	40.0	16.9	18.3	16.8				16.6	18.4	16.8					40.0
	42.0	15.9	17.2	15.7				15.7	17.3	15.8					42.0
	44.0	15.1	16.2	14.8	13.5			14.9	16.2	14.9	13.5				44.0
	46.0	14.3	15.3	14.0	12.7			14.2	15.3	14.0	12.7				46.0
	48.0	13.2	14.5	13.2	12.0			13.4	14.5	13.2	12.0				48.0
	50.0		13.7	12.5	11.3			12.8	13.7	12.5	11.3				50.0
	52.0		13.0	11.8	10.7	9.6			13.0	11.9	10.7	9.6			52.0
	54.0			11.3	10.2	9.1			12.4	11.3	10.2	9.1			54.0
	56.0			10.7	9.7	8.6			11.8	10.7	9.7	8.6			56.0
	58.0			10.2	9.2	8.2	7.1			10.2	9.2	8.2			58.0
	60.0				8.8	7.8	6.7			9.7	8.8	7.8	6.7		60.0
	62.0				8.4	7.4	6.3				8.4	7.4	6.3		62.0
	64.0					7.0	6.0				8.0	7.0	6.0		64.0
	66.0					6.7	5.7						6.7	5.7	66.0
	68.0						5.4						6.4	5.4	68.0
70.0						5.1						6.1	5.1	70.0	
72.0													4.9	72.0	
74.0													4.6	74.0	
Reeves		2						2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

54.9m Boom Length

Boom Length (m)		54.9																		Boom Length (m)	
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	20.0	20.6						18.7													20.0
	22.0	20.3						18.5						16.8							22.0
	24.0	20.0						18.3						16.6							24.0
	26.0	19.7						18.0						16.4							26.0
	28.0	19.4	20.3					17.8						16.2							28.0
	30.0	19.1	19.4					17.6	18.2					16.0	16.5						30.0
	32.0	18.3	18.4					16.9	17.6					15.2	16.0						32.0
	34.0	17.3	17.5					16.0	16.8					14.4	15.1						34.0
	36.0	16.4	16.6					15.2	15.9					13.7	14.4						36.0
	38.0	15.5	15.8	15.9				14.4	15.1	15.3				13.1	13.7						38.0
	40.0	14.6	14.9	15.1				13.8	14.3	14.6				12.5	13.0	13.5					40.0
	42.0	13.8	14.1	14.3				13.1	13.6	13.9				11.9	12.4	12.9					42.0
	44.0	13.0	13.4	13.6				12.5	13.0	13.2				11.4	11.8	12.2					44.0
	46.0	12.2	12.6	12.9	12.4			12.0	12.4	12.6				10.9	11.3	11.7					46.0
	48.0	11.4	11.9	12.2	11.7			11.5	11.8	12.0	11.6			10.5	10.8	11.2					48.0
	50.0	10.7	11.2	11.5	11.0			10.9	11.2	11.4	10.9			10.0	10.4	10.7	10.8				50.0
	52.0	9.9	10.5	10.8	10.4			10.2	10.6	10.8	10.4			9.6	9.9	10.2	10.2				52.0
	54.0	9.2	9.8	10.2	9.9	8.8		9.6	10.0	10.2	9.8			8.6	9.5	9.8	9.6				54.0
	56.0		9.1	9.6	9.4	8.3		8.8	9.4	9.6	9.3	8.2		7.6	9.1	9.2	9.1				56.0
	58.0		8.5	9.0	8.9	7.9			8.8	9.1	8.8	7.7		6.6	8.6	8.7	8.7	7.5			58.0
	60.0			8.4	8.5	7.4			8.1	8.5	8.4	7.3		5.7	8.0	8.2	8.2	7.1			60.0
	62.0			7.8	8.1	7.0	5.9		7.5	8.0	8.0	6.9			7.5	7.8	7.8	6.7			62.0
	64.0			7.2	7.6	6.7	5.6			7.4	7.6	6.6	5.5		6.9	7.3	7.4	6.4			64.0
	66.0				7.1	6.3	5.3			6.9	7.2	6.2	5.2			6.8	7.0	6.0	5.0		66.0
68.0				6.5	6.0	5.0				6.7	5.9	4.9			6.3	6.5	5.7	4.7		68.0	
70.0					5.7	4.7				6.2	5.6	4.6			5.8	6.1	5.4	4.4		70.0	
72.0					5.4	4.5					5.3	4.4				5.6	5.1	4.2		72.0	
74.0						4.2					5.1	4.1				5.2	4.9	3.9		74.0	
76.0						4.0					4.8	3.9					4.6	3.7		76.0	
78.0												3.7						4.4	3.5		78.0
80.0												3.5							3.3		80.0
82.0																			3.1		82.0
Reeves		2						2						2						Reeves	

Working radius (m)

Boom Length (m)		54.9						Boom Length (m)
Jib Length (m)		61.0						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	22.0	15.3						22.0
	24.0	15.1						24.0
	26.0	14.9						26.0
	28.0	14.7						28.0
	30.0	14.4						30.0
	32.0	13.7	14.4					32.0
	34.0	13.0	13.7					34.0
	36.0	12.4	13.0					36.0
	38.0	11.8	12.4					38.0
	40.0	11.3	11.8					40.0
	42.0	10.8	11.2	11.7				42.0
	44.0	10.3	10.7	11.1				44.0
	46.0	9.9	10.3	10.6				46.0
	48.0	9.5	9.8	10.1				48.0
	50.0	9.1	9.4	9.7	10.0			50.0
	52.0	8.8	9.0	9.3	9.5			52.0
	54.0	7.7	8.7	8.9	9.1			54.0
	56.0	6.6	8.3	8.5	8.7			56.0
	58.0	5.6	8.0	8.2	8.4			58.0
	60.0	4.7	7.7	7.9	7.9	6.9		60.0
	62.0	3.8	7.4	7.5	7.5	6.5		62.0
	64.0		6.3	7.1	7.1	6.2		64.0
	66.0		5.2	6.6	6.7	5.8		66.0
	68.0		4.2	6.2	6.3	5.5	4.5	68.0
	70.0			5.8	5.9	5.2	4.2	70.0
	72.0			5.3	5.5	5.0	4.0	72.0
	74.0				5.1	4.7	3.7	74.0
	76.0				4.7	4.4	3.5	76.0
	78.0					4.2	3.3	78.0
	80.0					4.0	3.1	80.0
	82.0					3.7	2.9	82.0
	84.0						2.7	84.0
	86.0						2.5	86.0
Reeves		2						Reeves

Working radius (m)

Note: Ratings according to EN13000.

Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

57.9m Boom Length

Boom Length (m)		57.9																		Boom Length (m)	
Jib Length (m)		21.3						24.4						27.4						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	12.0	40.5						40.5													12.0
	14.0	38.4						38.3						39.5							14.0
	16.0	35.4						35.4						35.7							16.0
	18.0	33.0	40.5					33.0						32.4							18.0
	20.0	30.0	37.3					30.1	36.4					29.6	36.3						20.0
	22.0	27.5	33.7					27.6	33.1					27.2	33.0						22.0
	24.0	25.2	30.7					25.4	30.2					25.1	30.2						24.0
	26.0		28.0	30.1				23.4	27.7	29.9				23.3	27.7						26.0
	28.0		25.7	27.5				21.6	25.5	27.3				21.6	25.5	27.2					28.0
	30.0		23.6	25.2					23.6	25.0				20.1	23.6	25.0					30.0
	32.0			23.2	21.4				21.8	23.0					21.9	23.0					32.0
	34.0			21.5	19.8					21.3	19.8				20.4	21.3	19.6				34.0
	36.0				18.4					19.8	18.4				19.0	19.8	18.2				36.0
	38.0				17.2	15.8				18.5	17.2					18.5	17.0				38.0
	40.0				16.1	14.8					16.1	14.5				17.3	15.9				40.0
	42.0					13.8					15.1	13.6					14.9	13.6			42.0
	44.0					13.0	11.8					12.8					14.0	12.8			44.0
	46.0						11.2					12.1	11.1				13.2	12.0			46.0
	48.0						10.5					11.4	10.4					11.4	10.2		48.0
	50.0												9.9					10.8	9.7		50.0
	52.0												9.4						9.2		52.0
	54.0																		8.7		54.0
Reeves		3						3						3						Reeves	

Boom Length (m)		57.9												Boom Length (m)
Jib Length (m)		30.5						33.5						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	14.0	39.4						37.2						14.0
	16.0	35.6						35.5						16.0
	18.0	32.4						32.3						18.0
	20.0	29.6						29.6						20.0
	22.0	27.3	33.0					27.2	32.8					22.0
	24.0	25.2	30.2					25.1	30.1					24.0
	26.0	23.3	27.7					23.3	27.6					26.0
	28.0	21.7	25.6					21.7	25.5					28.0
	30.0	20.2	23.7	24.8				20.2	23.6	24.6				30.0
	32.0	18.9	22.0	22.9				18.9	22.0	22.7				32.0
	34.0	17.6	20.5	21.2				17.7	20.5	21.0				34.0
	36.0		19.1	19.7	18.1			16.5	19.1	19.6				36.0
	38.0		17.9	18.4	16.8				17.9	18.2	16.6			38.0
	40.0			17.3	15.8				16.8	17.1	15.6			40.0
	42.0			16.2	14.8				15.7	16.0	14.6			42.0
	44.0			15.3	13.9	12.6				15.1	13.7			44.0
	46.0				13.1	11.9				14.3	13.0	11.7		46.0
	48.0				12.4	11.2					12.2	11.0		48.0
	50.0					10.6	9.5				11.6	10.4		50.0
	52.0					10.1	9.0				11.0	9.9	8.8	52.0
	54.0					9.6	8.5					9.4	8.3	54.0
	56.0						8.1					8.9	7.8	56.0
	58.0						7.7						7.4	58.0
	60.0												7.0	60.0
Reeves		3						3						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

57.9m Boom Length

Boom Length (m)		57.9																		Boom Length (m)
Jib Length (m)		36.6						39.6						42.7						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	16.0	27.0						27.0												16.0
	18.0	27.0						27.0						27.0						18.0
	20.0	27.0						27.0						27.0						20.0
	22.0	27.0						27.0						27.0						22.0
	24.0	25.1	27.0					25.0	27.0					25.0						24.0
	26.0	23.3	27.0					23.2	27.0					23.2	27.0					26.0
	28.0	21.6	25.4					21.6	25.3					21.6	25.3					28.0
	30.0	20.2	23.6					20.1	23.5					20.1	23.5					30.0
	32.0	18.9	21.9	22.6				18.8	21.8					18.8	21.8					32.0
	34.0	17.7	20.4	20.9				17.7	20.4	20.7				17.7	20.4	20.6				34.0
	36.0	16.6	19.1	19.4				16.6	19.1	19.2				16.6	19.1	19.2				36.0
	38.0	15.6	17.9	18.1				15.6	17.9	18.0				15.6	17.9	17.9				38.0
	40.0	14.6	16.8	17.0	15.4			14.7	16.8	16.8				14.7	16.8	16.7				40.0
	42.0		15.8	15.9	14.5			13.8	15.8	15.8	14.3			13.9	15.8	15.7	14.2			42.0
	44.0		14.8	15.0	13.6				14.9	14.8	13.4			13.1	14.9	14.8	13.3			44.0
	46.0			14.1	12.8	11.5			14.0	14.0	12.6				14.1	13.9	12.6			46.0
	48.0			13.4	12.1	10.9			13.2	13.2	11.9	10.7			13.3	13.2	11.9			48.0
	50.0			12.7	11.5	10.3				12.5	11.3	10.1			12.5	12.5	11.2	10.0		50.0
	52.0				10.9	9.7				11.9	10.7	9.6				11.8	10.6	9.5		52.0
	54.0				10.3	9.2	8.1				10.2	9.1				11.2	10.1	9.0		54.0
	56.0					8.8	7.7				9.7	8.6	7.4			10.7	9.6	8.5		56.0
	58.0					8.3	7.2				9.2	8.2	7.0				9.1	8.1	6.9	58.0
	60.0						6.9					7.8	6.6				8.7	7.7	6.5	60.0
	62.0						6.5					7.4	6.3					7.3	6.2	62.0
	64.0						6.2						6.0					6.9	5.9	64.0
	66.0												5.7						5.6	66.0
	68.0																		5.3	68.0
	70.0																		5.0	70.0
Reeves		2						2						2						Reeves

Boom Length (m)		57.9												Boom Length (m)
Jib Length (m)		45.7						48.8						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
Working radius (m)	18.0	24.5						22.3						18.0
	20.0	24.2						22.0						20.0
	22.0	23.9						21.7						22.0
	24.0	23.6						21.4						24.0
	26.0	23.1	24.3					21.1						26.0
	28.0	21.5	24.0					20.8	21.9					28.0
	30.0	20.0	22.8					19.6	21.6					30.0
	32.0	18.7	21.2					18.3	21.1					32.0
	34.0	17.6	19.8					17.2	19.8					34.0
	36.0	16.5	18.6	19.0				16.2	18.5	19.0				36.0
	38.0	15.6	17.5	17.7				15.3	17.4	17.7				38.0
	40.0	14.7	16.5	16.5				14.5	16.4	16.6				40.0
	42.0	13.8	15.5	15.5				13.7	15.4	15.6				42.0
	44.0	13.1	14.7	14.6	13.3			13.0	14.6	14.6				44.0
	46.0	12.4	13.9	13.8	12.6			12.3	13.8	13.8	12.4			46.0
	48.0	11.7	13.1	13.0	11.9			11.6	13.1	13.0	11.7			48.0
	50.0		12.4	12.3	11.2			11.0	12.4	12.3	11.1			50.0
	52.0		11.8	11.7	10.6	9.3			11.7	11.7	10.5			52.0
	54.0			11.1	10.1	8.8			11.1	11.1	9.9	8.8		54.0
	56.0			10.5	9.6	8.3			10.5	10.6	9.4	8.3		56.0
	58.0			10.0	9.1	7.9				10.1	9.0	7.9		58.0
	60.0				8.7	7.5	6.5			9.6	8.5	7.5		60.0
	62.0				8.3	7.1	6.1				8.1	7.1	5.9	62.0
	64.0					6.7	5.8				7.8	6.7	5.6	64.0
	66.0					6.4	5.5				7.4	6.4	5.3	66.0
	68.0					6.1	5.2					6.1	5.0	68.0
	70.0						5.0						4.8	70.0
	72.0						4.7						4.5	72.0
	74.0												4.3	74.0
	76.0												4.1	76.0
Reeves		2						2						Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Boom Length (m)		57.9																		Boom Length (m)
Jib Length (m)		51.8						54.9						57.9						Jib Length (m)
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
57.9m Boom Length	20.0	20.0						18.2												20.0
	22.0	19.7						17.9							16.4					22.0
	24.0	19.4						17.6							16.2					24.0
	26.0	19.1						17.3							16.0					26.0
	28.0	18.8						17.0							15.8					28.0
	30.0	18.5	19.3					16.7	17.8						15.6					30.0
	32.0	18.2	18.3					16.4	17.5						15.2	16.0				32.0
	34.0	17.2	17.4					16.0	16.7						14.4	15.1				34.0
	36.0	16.3	16.5					15.2	15.9						13.7	14.3				36.0
	38.0	15.4	15.7	15.8				14.4	15.1						13.1	13.6				38.0
	40.0	14.6	14.9	15.0				13.7	14.3	14.5					12.5	13.0	13.5			40.0
	42.0	13.8	14.1	14.2				13.1	13.6	13.8					11.9	12.4	12.8			42.0
	44.0	12.9	13.3	13.5				12.5	13.0	13.1					11.4	11.8	12.2			44.0
	46.0	12.2	12.6	12.8				12.0	12.4	12.5					10.9	11.3	11.7			46.0
	48.0	11.4	11.8	12.1	11.4			11.5	11.8	11.9	11.3				10.4	10.8	11.1			48.0
	50.0	10.6	11.1	11.4	10.8			10.9	11.1	11.2	10.7				10.0	10.3	10.6	10.5		50.0
	52.0	9.9	10.4	10.8	10.2			10.0	10.5	10.7	10.1				9.0	9.9	10.2	9.9		52.0
	54.0	9.2	9.8	10.1	9.6			9.0	9.9	10.1	9.6				7.9	9.5	9.6	9.4		54.0
	56.0		9.1	9.5	9.1	7.9		8.0	9.3	9.5	9.1				6.9	9.1	9.1	8.9		56.0
	58.0		8.5	8.9	8.7	7.5			8.7	9.0	8.6	7.4			6.0	8.5	8.6	8.4		58.0
	60.0			8.3	8.3	7.1			8.1	8.4	8.2	7.0			5.1	8.0	8.2	8.0	6.8	60.0
	62.0			7.7	7.9	6.7			7.5	7.9	7.8	6.6				7.5	7.7	7.6	6.4	62.0
	64.0			7.2	7.5	6.3	5.2			7.4	7.4	6.2				6.4	7.2	7.2	6.0	64.0
	66.0				7.0	6.0	4.9			6.9	7.1	5.9	4.8				6.7	6.8	5.7	66.0
68.0				6.5	5.7	4.6				6.7	5.6	4.5				6.2	6.4	5.4	4.3	68.0
70.0					5.4	4.4				6.2	5.3	4.3				5.7	6.0	5.1	4.0	70.0
72.0					5.1	4.1				5.7	5.0	4.0					5.5	4.8	3.8	72.0
74.0					4.9	3.9					4.8	3.8					5.1	4.6	3.6	74.0
76.0						3.7					4.5	3.6						4.3	3.4	76.0
78.0						3.5						3.4						4.1	3.2	78.0
80.0												3.2						3.9	3.0	80.0
82.0												3.0							2.8	82.0
84.0																			2.6	84.0
Reeves		2						2						2						Reeves

Boom Length (m)		57.9						Boom Length (m)	
Jib Length (m)		61.0						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	22.0	14.9						22.0	Working radius (m)
	24.0	14.7						24.0	
	26.0	14.5						26.0	
	28.0	14.3						28.0	
	30.0	14.1						30.0	
	32.0	13.7	14.4					32.0	
	34.0	13.0	13.7					34.0	
	36.0	12.4	13.0					36.0	
	38.0	11.8	12.3					38.0	
	40.0	11.3	11.7					40.0	
	42.0	10.8	11.2	11.6				42.0	
	44.0	10.3	10.7	11.1				44.0	
	46.0	9.9	10.2	10.6				46.0	
	48.0	9.5	9.8	10.1				48.0	
	50.0	9.1	9.4	9.7				50.0	
	52.0	8.1	9.0	9.2	9.5			52.0	
	54.0	7.0	8.6	8.9	9.1			54.0	
	56.0	6.0	8.3	8.5	8.6			56.0	
	58.0	5.0	8.0	8.2	8.2			58.0	
	60.0	4.1	7.7	7.9	7.8			60.0	
	62.0	3.3	6.8	7.4	7.4	6.2		62.0	
	64.0		5.8	7.0	7.0	5.8		64.0	
	66.0		4.7	6.6	6.6	5.5		66.0	
	68.0		3.7	6.1	6.2	5.2		68.0	
70.0			5.7	5.8	4.9	3.9	70.0		
72.0			5.2	5.4	4.7	3.6	72.0		
74.0				5.0	4.4	3.4	74.0		
76.0				4.6	4.2	3.2	76.0		
78.0				4.2	3.9	3.0	78.0		
80.0					3.7	2.8	80.0		
82.0					3.5	2.6	82.0		
Reeves		2						Reeves	



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

61.0m Boom Length	Boom Length (m)		61.0																		Boom Length (m)	
	Jib Length (m)		30.5						33.5						36.6						Jib Length (m)	
	Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	14.0	35.0						27.0													14.0	Working radius (m)
	16.0	31.6						27.0						27.0							16.0	
	18.0	28.7						27.0						27.0							18.0	
	20.0	26.2						26.1						26.1							20.0	
	22.0	24.1	29.4					24.0						23.9							22.0	
	24.0	22.2	26.9					22.1	25.8					22.1	25.7						24.0	
	26.0	20.6	24.6					20.5	23.8					20.5	23.7						26.0	
	28.0	19.1	22.7					19.0	22.0					19.0	21.9						28.0	
	30.0	17.8	21.0	24.5				17.7	20.4					17.7	20.3						30.0	
	32.0	16.6	19.5	22.6				16.6	19.0	22.4				16.5	18.9	22.2					32.0	
	34.0	15.5	18.1	20.9				15.5	17.7	20.7				15.5	17.7	20.6					34.0	
	36.0		16.9	19.4				14.5	16.5	19.3				14.5	16.5	19.1					36.0	
	38.0		15.7	18.1	16.4				15.5	17.9	16.4			13.6	15.5	17.8					38.0	
	40.0			17.0	15.4				14.5	16.8	15.3			12.8	14.5	16.7	15.2				40.0	
	42.0			16.0	14.4				13.7	15.8	14.4				13.7	15.7	14.3				42.0	
	44.0			15.0	13.6	12.2				14.9	13.5				12.9	14.6	13.4				44.0	
	46.0				12.8	11.5				14.0	12.8	11.2				13.9	12.6				46.0	
	48.0				12.1	10.8					12.1	10.6				13.1	11.9	10.5			48.0	
	50.0				11.4	10.2					11.4	10.0				12.4	11.3	9.9			50.0	
	52.0					9.7	8.5					10.8	9.5				10.7	9.3			52.0	
	54.0					9.2	8.0						9.0	7.9			10.2	8.9			54.0	
	56.0						7.6						8.6	7.5				8.4	7.3		56.0	
	58.0						7.1						8.1	7.1				8.0	6.9		58.0	
	60.0						6.8							6.7				7.6	6.5		60.0	
	62.0													6.4					6.2		62.0	
	64.0																		5.9		64.0	
	Reeves	3						2						2						Reeves		

Boom Length (m)		61.0												Boom Length (m)	
Jib Length (m)		39.6						42.7						Jib Length (m)	
Boom Angle (deg)		88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)	
Working radius (m)	16.0	27.0													16.0
	18.0	27.0						25.9							18.0
	20.0	26.0						25.7							20.0
	22.0	23.8						23.8							22.0
	24.0	22.0						22.0							24.0
	26.0	20.4	23.6					20.3	23.5						26.0
	28.0	18.9	21.8					18.9	21.8						28.0
	30.0	17.6	20.2					17.6	20.2						30.0
	32.0	16.5	18.8					16.5	18.8						32.0
	34.0	15.4	17.6	20.4				15.4	17.6	20.3					34.0
	36.0	14.5	16.5	18.9				14.5	16.4	18.9					36.0
	38.0	13.6	15.4	17.7				13.6	15.4	17.6					38.0
	40.0	12.8	14.5	16.5				12.8	14.5	16.5					40.0
	42.0	12.0	13.6	15.5	14.1			12.1	13.6	15.4					42.0
	44.0		12.8	14.6	13.2			11.4	12.9	14.5	13.2				44.0
	46.0		12.1	13.8	12.5			10.7	12.1	13.7	12.4				46.0
	48.0		11.4	13.0	11.8				11.5	12.9	11.7				48.0
	50.0			12.3	11.1	9.7			10.8	12.2	11.1				50.0
	52.0			11.6	10.6	9.2				11.6	10.5	9.1			52.0
	54.0				10.0	8.7				11.0	10.0	8.6			54.0
56.0				9.5	8.2				10.4	9.5	8.1			56.0	
58.0				9.1	7.8	6.7				9.0	7.7			58.0	
60.0					7.4	6.3				8.6	7.3	6.2		60.0	
62.0					7.0	6.0					6.9	5.9		62.0	
64.0						5.7					6.5	5.6		64.0	
66.0						5.4					6.2	5.3		66.0	
68.0						5.1						5.0		68.0	
70.0												4.7		70.0	
Reeves		2						2						Reeves	

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



LIFTING CAPACITIES



Luffing Jib Lifting Capacities

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

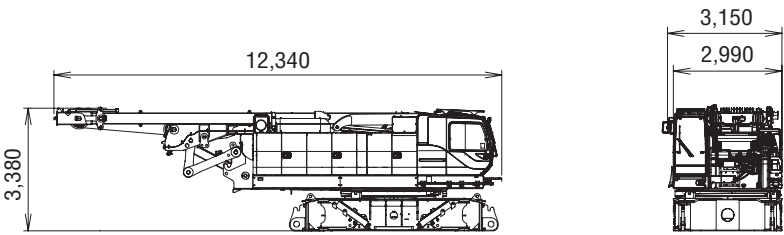
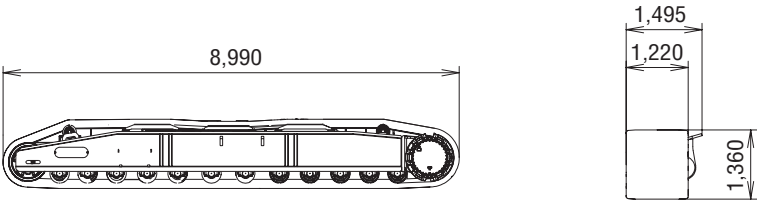
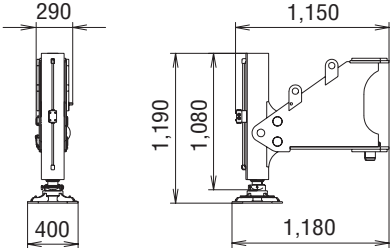
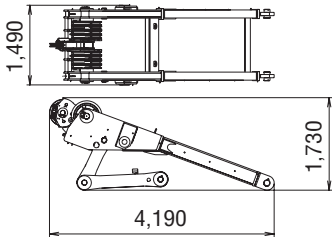
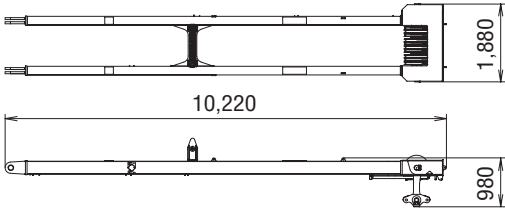
61.0m Boom Length	61.0																		Boom Length (m)
	45.7						48.8						51.8						Jib Length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)
18.0	23.6						21.2						19.4						18.0
20.0	23.3						20.9						19.1						20.0
22.0	23.0						20.6						18.8						22.0
24.0	21.8						19.7						18.5						24.0
26.0	20.2						18.3	21.2					17.5						26.0
28.0	18.8	21.6					17.1	20.0					16.4	18.6					28.0
30.0	17.5	20.1					16.0	18.6					15.4	17.5					30.0
32.0	16.4	18.7					15.0	17.4					14.5	16.4					32.0
34.0	15.3	17.5					14.1	16.2					13.6	15.4					34.0
36.0	14.4	16.3	18.7				13.3	15.2	17.5				12.9	14.5	15.6				36.0
38.0	13.5	15.3	17.4				12.5	14.3	16.3				12.2	13.6	14.8				38.0
40.0	12.7	14.4	16.3				11.9	13.5	15.3				11.6	12.9	14.0				40.0
42.0	12.0	13.5	15.2				11.2	12.7	14.4				11.0	12.2	13.3				42.0
44.0	11.3	12.8	14.3				10.6	12.0	13.6	12.1			10.4	11.5	12.6				44.0
46.0	10.7	12.1	13.5	12.2			10.0	11.3	12.8	11.4			9.8	10.9	11.9	11.1			46.0
48.0	10.1	11.4	12.8	11.5			9.5	10.7	12.1	10.7			9.5	10.3	11.3	10.4			48.0
50.0		10.8	12.1	10.9				10.1	11.4	10.2			9.1	9.8	10.6	9.9			50.0
52.0		10.2	11.4	10.3				9.6	10.8	9.6			8.6	9.3	10.0	9.3			52.0
54.0		9.6	10.9	9.8	8.3			9.1	10.2	9.2	7.9			8.9	9.4	8.8	7.5		54.0
56.0			10.3	9.3	7.9				9.7	8.7	7.5			8.4	8.8	8.4	7.1		56.0
58.0			9.8	8.8	7.4				9.2	8.3	7.1			7.7	8.2	8.0	6.7		58.0
60.0				8.4	7.0				8.7	7.9	6.7				7.7	7.6	6.3		60.0
62.0				8.0	6.7	5.6				7.5	6.3	5.1			7.1	7.2	5.9		62.0
64.0				7.7	6.3	5.3				7.2	6.0	4.9				6.9	5.6	4.4	64.0
66.0					6.0	5.0					5.7	4.6					5.3	4.2	66.0
68.0					5.7	4.8					5.4	4.3					5.0	3.9	68.0
70.0						4.5					5.2	4.1					4.8	3.7	70.0
72.0						4.3						3.9					4.5	3.5	72.0
74.0						4.1												3.3	74.0
76.0																		3.1	76.0
78.0																		2.9	78.0
80.0																			80.0
Reeves			2						2						2				Reeves

61.0m Boom Length	61.0																		Boom Length (m)
	54.9						57.9						61.0						Jib Length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)	Working radius (m)
20.0	17.7						15.9						14.5						20.0
22.0	17.4						15.7						14.3						22.0
24.0	17.1						15.5						14.1						24.0
26.0	16.8						15.3						13.9						26.0
28.0	16.5						15.1						13.7						28.0
30.0	15.8	17.3					14.2	15.5					13.5	14.1					30.0
32.0	14.8	16.5					13.5	14.6					13.0	13.6					32.0
34.0	14.0	15.5					12.8	13.7					12.3	12.9					34.0
36.0	13.2	14.6					12.2	13.0					11.8	12.3					36.0
38.0	12.6	13.8					11.5	12.4					11.2	11.7					38.0
40.0	11.9	13.0	14.1				11.0	11.7	12.8				10.7	11.1	11.6				40.0
42.0	11.3	12.3	13.4				10.5	11.1	12.2				10.3	10.6	11.0				42.0
44.0	10.8	11.7	12.8				10.0	10.7	11.6				9.8	10.2	10.5				44.0
46.0	10.2	11.1	12.1				9.6	10.1	11.1				9.4	9.7	10.0				46.0
48.0	9.7	10.5	11.5				9.0	9.7	10.5				8.4	9.3	9.6				48.0
50.0	9.3	10.0	10.9	10.3			8.1	9.2	10.0	9.6			7.3	8.9	9.2	9.3			50.0
52.0	8.9	9.5	10.3	9.8			7.1	8.9	9.5	9.1			6.3	8.6	8.8	8.9			52.0
54.0	8.1	9.1	9.8	9.3			6.1	8.5	9.0	8.6			5.3	8.3	8.4	8.4			54.0
56.0	7.2	8.7	9.2	8.8			5.3	8.2	8.5	8.1			4.4	7.9	8.1	8.0			56.0
58.0		8.3	8.7	8.3	6.9		4.4	7.5	8.0	7.7	6.3		3.5	7.2	7.7	7.5			58.0
60.0		7.6	8.1	7.9	6.6			6.5	7.5	7.3	6.0		2.8	6.2	7.3	7.1	5.8		60.0
62.0		7.1	7.6	7.5	6.2			5.7	7.1	6.9	5.6			5.2	6.8	6.7	5.4		62.0
64.0			7.1	7.1	5.8			6.6	6.6	6.6	5.3			4.2	6.4	6.4	5.1		64.0
66.0			6.8	6.8	5.5			6.1	6.2	5.0				3.2	6.0	6.0	4.8		66.0
68.0			6.2	6.4	5.2	4.1			5.6	5.8	4.7	3.6			5.6	5.6	4.6		68.0
70.0				6.1	4.9	3.8			5.4	4.5	3.4				4.8	5.2	4.3	3.2	70.0
72.0					4.7	3.6				5.0	4.2	3.2			3.7	4.8	4.0	3.0	72.0
74.0					4.4	3.4				4.6	4.0	2.9				4.5	3.8	2.8	74.0
76.0					4.2	3.2				3.8	2.8					4.1	3.6		76.0
78.0					4.0	3.0											3.4		78.0
80.0						2.8													80.0
82.0						2.6											3.2		82.0
Reeves			2						2						2				Reeves

Note: Ratings according to EN13000.
Ratings shown in are determined by the strength of the boom or other structural components.



TRANSPORTATION PLAN

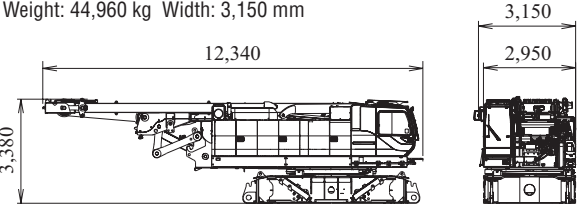
Name	Dimension	Weight (kg)
Base Machine • Gantry • Mast • Wire rope (Front / rear / boom hoist) • Without crawler		44,960
Crawler		20,850
Translifter		390
Gantry		3,038
Mast		3,320



PARTS AND ATTACHMENTS

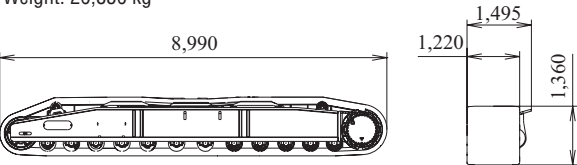
Base Machine

Gantry, Mast, Wire rope (Front/rear/boom hoist),
Without crawler
Weight: 44,960 kg Width: 3,150 mm



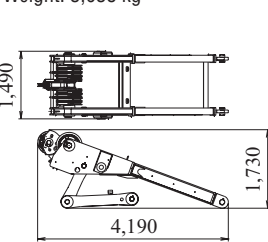
Crawler

Weight: 20,850 kg



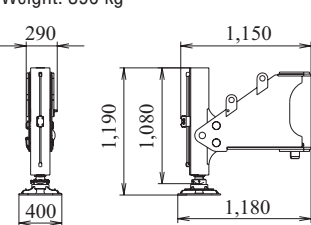
Gantry

Weight: 3,038 kg



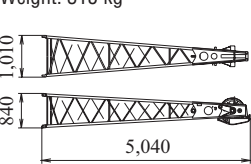
Translifter

Weight: 390 kg



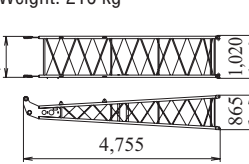
Jib Tip (For Crane)

Weight: 315 kg



Jib Base (For Crane)

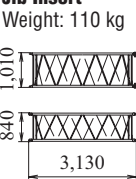
Weight: 210 kg



3.0 m (10 ft)

Jib Insert

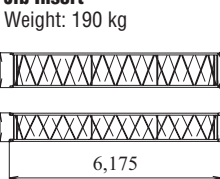
Weight: 110 kg



6.1 m (20 ft)

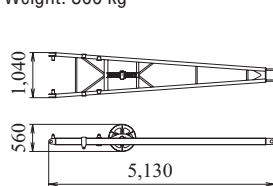
Jib Insert

Weight: 190 kg



Jib Strut

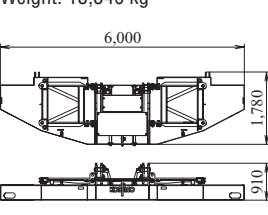
Weight: 300 kg



Counterweight (A)

With Hanger

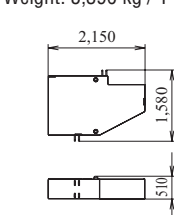
Weight: 15,540 kg



Counterweight (R)

3,5,7,9,11,13,15

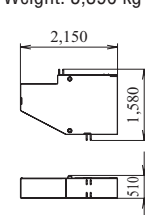
Weight: 5,390 kg / 1 Piece



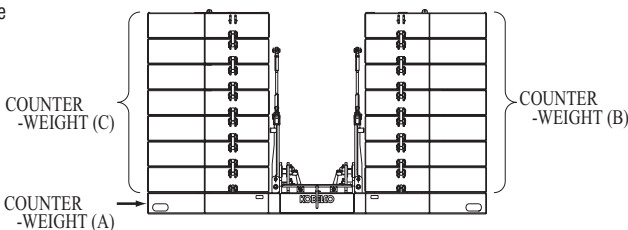
Counterweight (L)

2,4,6,8,10,12,14

Weight: 5,390 kg / 1 Piece

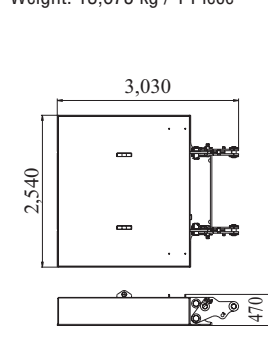


Counterweight assy

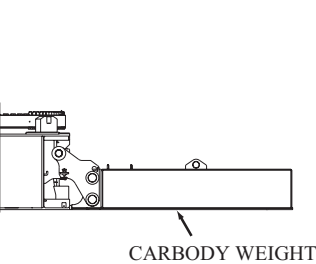


Carbody Weight (With Link)

Weight: 13,675 kg / 1 Piece



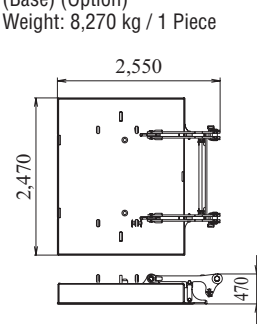
Carbody Weight assy



Carbody Weight (With Link)

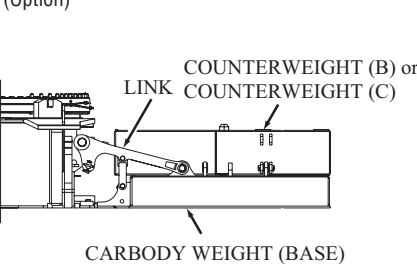
(Base) (Option)

Weight: 8,270 kg / 1 Piece



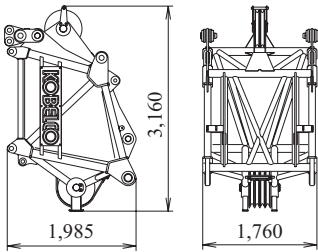
Carbody Weight assy

(Option)

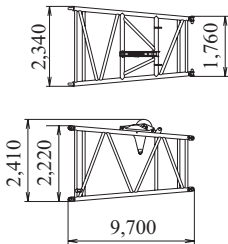




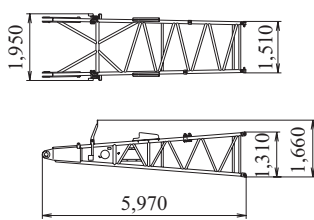
Luffing Boom Tip
Weight: 1,885 kg



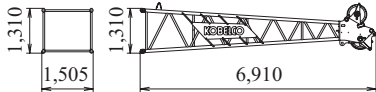
Luffing Taper Boom Insert
Weight: 1,030 kg



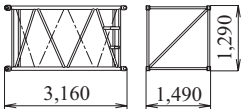
Luffing Jib Base
Weight: 1,140 kg



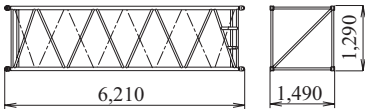
Luffing Jib Tip
Weight: 1,170 kg



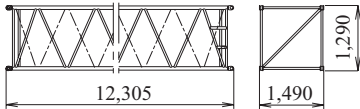
3.0 m (10 ft) Jib Insert
Weight: 310 kg



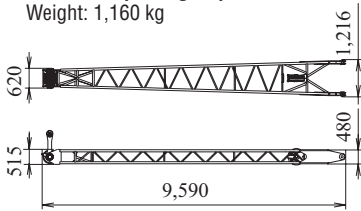
6.1 m (20 ft) Jib Insert
Weight: 540 kg



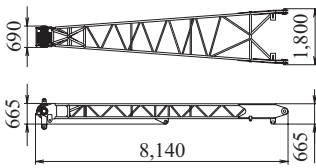
12.2 m (40 ft) Jib Insert
Weight: 960 kg



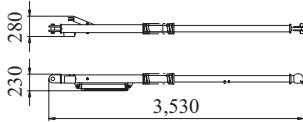
Front Strut (Luffing Jib)
Weight: 1,160 kg



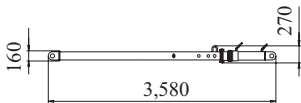
Rear strut (Luffing Jib)
Weight: 1,130 kg



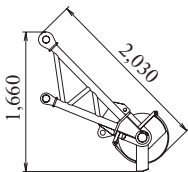
Luffing Jib Backstop
Weight: 180 kg



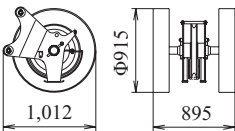
Strut Backstop (Luffing Jib)
Weight: 180 kg



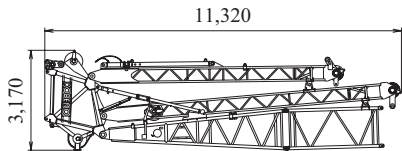
Aux. Sheave
Weight: 290 kg



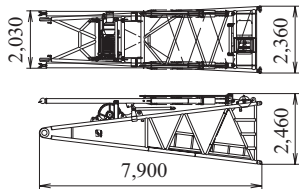
Aux. Sheave (For Luffing Jib)
Weight: 380 kg



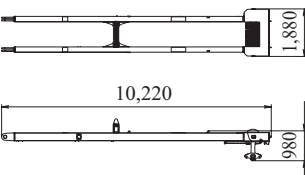
Luffing Boom Tip Assembly
Weight: 6,000 kg



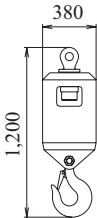
Boom base (With winch)
Weight: 6,810 kg



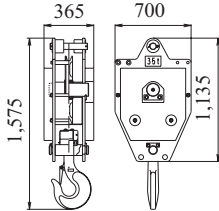
Mast
Weight: 3,320 kg



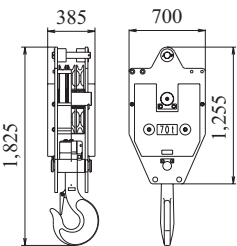
Ball Hook
Weight: 450 kg



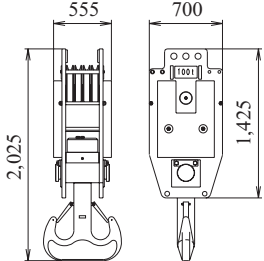
35 t Hook
Weight: 900 kg



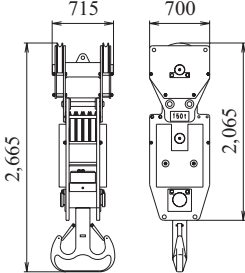
70 t Hook
Weight: 1,200 kg



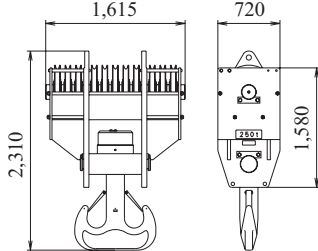
100 t Hook
Weight: 1,800 kg

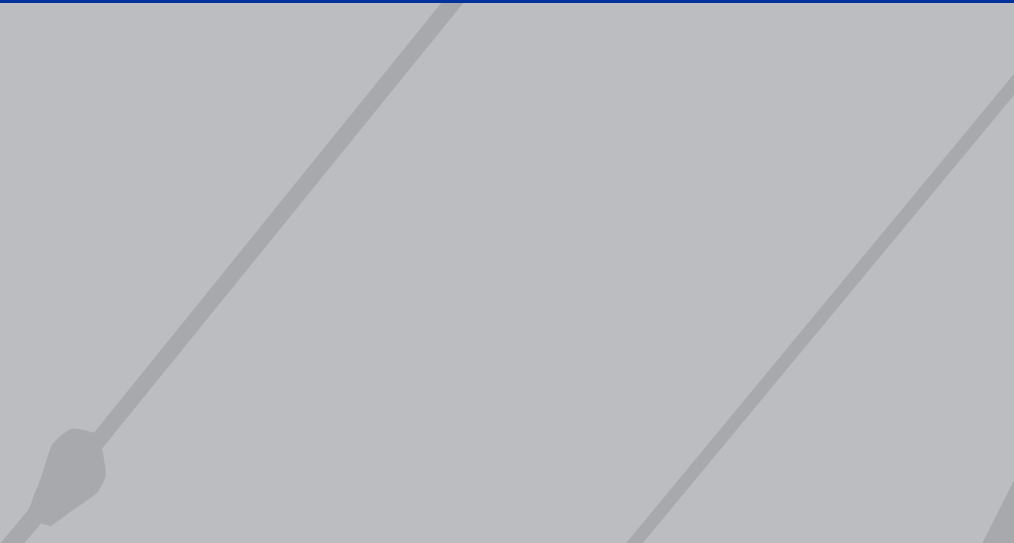


150 t Hook
Weight: 2,300 kg



250 t Hook
Weight: 4,200 kg





Note: This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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