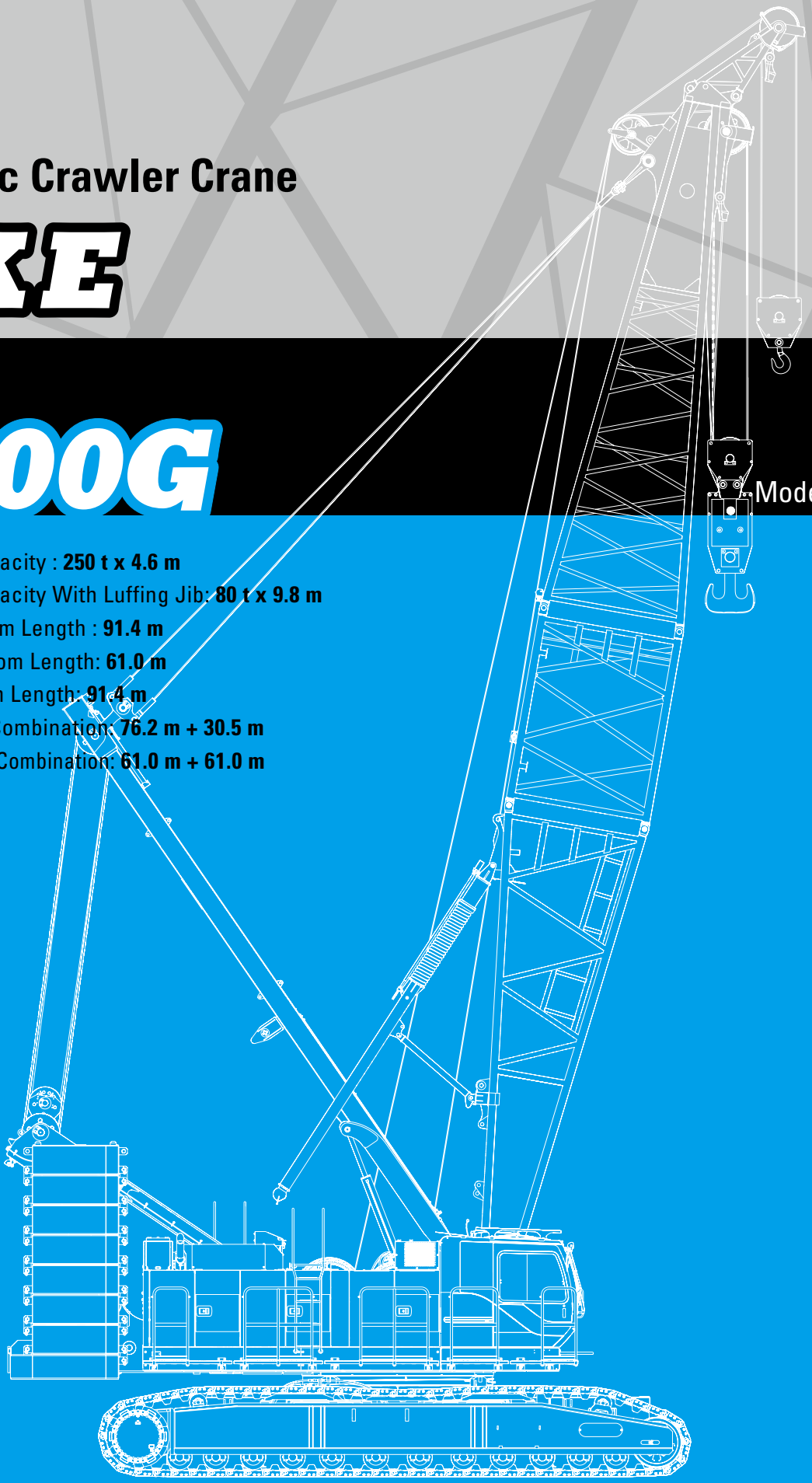
Hydraulic Crawler Crane

CKE

2500G

Model : CKE2500G

Max. Lifting Capacity : **250 t x 4.6 m**
Max. Lifting Capacity 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
CONTENTS

3 SPECIFICATIONS

5 GENERAL DIMENSIONS

7 BOOM AND JIB ARRANGEMENTS

11 WORKING RANGES

17 SUPPLEMENTAL DATA

18 LIFTING CAPACITIES

31 SUPPLEMENTAL DATA

32 LIFTING CAPACITIES

76 SUPPLEMENTAL DATA FOR CLAMSHELL

77 LIFTING CAPACITIES

78 SUPPLEMENTAL DATA FOR REDUCED WEIGHTS

79 LIFTING CAPACITIES

80 TRANSPORTATION PLAN

81 PARTS AND ATTACHMENTS

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 Interim Tier 4
Displacement: 10,520 liters
Rated power: 271 kW/1,850 min^{-1}
Max. Torque: 1,470 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: 32 MPa
Swing system: 27.5 MPa
Control system: 5.4 MPa
Hydraulic Tank Capacity: 650 liters

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: Double 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
Boom hoisting/lowering: 26 mm x 285 m
Boom guy line: 38 mm
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 P.C.D x 864 mm wide drum, grooved for 26 mm wire rope. Rope capacity is 460 m working length and 510 m storage length.
Rear Drum: 618 mm P.C.D x 864 mm grooved for 26 mm wire rope. Rope capacity is 390 m working length and 510 m storage length.
Diameter of wire rope
Main winch: 26 mm x 460 m
Aux. winch: 26 mm x 390 m
Third winch: 22 mm x 265 m
Line Speed*:
Hoisting/lowering: 110 to 3 m/min
Line Pull:
Max. Line Pull*: 252 kN {25.7 tf}
(Referential performance)
Rated Line Pull: 132 kN {13.5 tf}
*Single line on first drum layer

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: 2.2 min^{-1}

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, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, footrest, and shoe tray

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: 217 ton

Ground pressure: 111 kPa

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 (Max. 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)

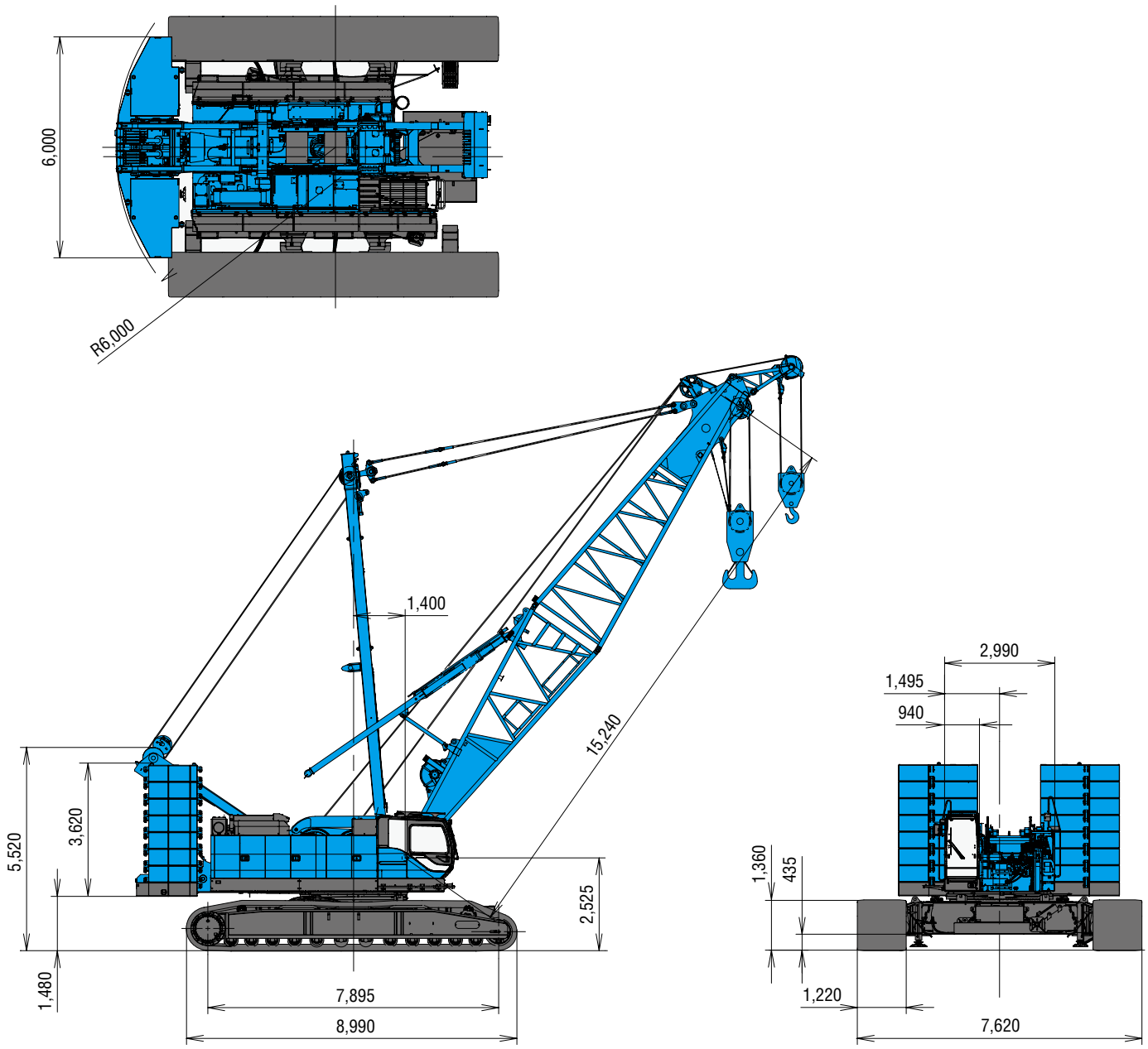
Crane Boom	
Max. Lifting Capacity	250 t x 4.6 m
Max. Length	91.4 m
Fixed Jib	
Max. Lifting Capacity	27.0 t x 10.4 m
Max. Combination	76.2 m + 30.5 m
Long Boom	
Max. Lifting Capacity	47.1 t/12.8 m
Max. Length	91.4 m
Luffing Boom	
Max. Lifting Capacity	150 t/ 7.0 m
Max. Length	61.0 m
Luffing Jib	
Max. 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 460 m
Wire Rope Length	460 m (Main), 390 m (Aux.)
Brake Type (free fall)	Wet-type multiple disc brake (Optional)
Working Speed	
Swing Speed	2.2 min^{-1}{rpm}
Travel Speed	1.0/0.5 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	32 Mpa {326 kg/cm^2}
Hydraulic Tank Capacity	650 liters
Self-Removal Device	
	counterweight/crawler self-removal device
Weight	
Operating Weight	217 t *1
Ground Pressure	111 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, mast, wire ropes (front/rear/boom hoist)

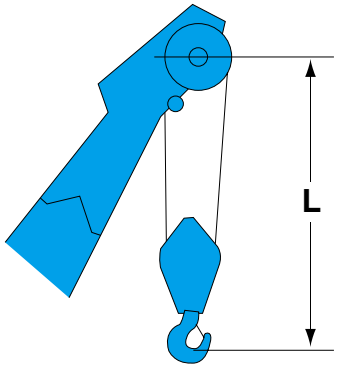
Crane Boom

(Unit: mm)

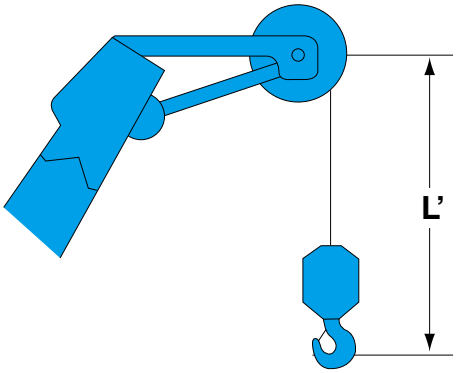


This catalog may contain photographs of machines with specifications, attachments and optional equipment.

Limit of Hook Lifting



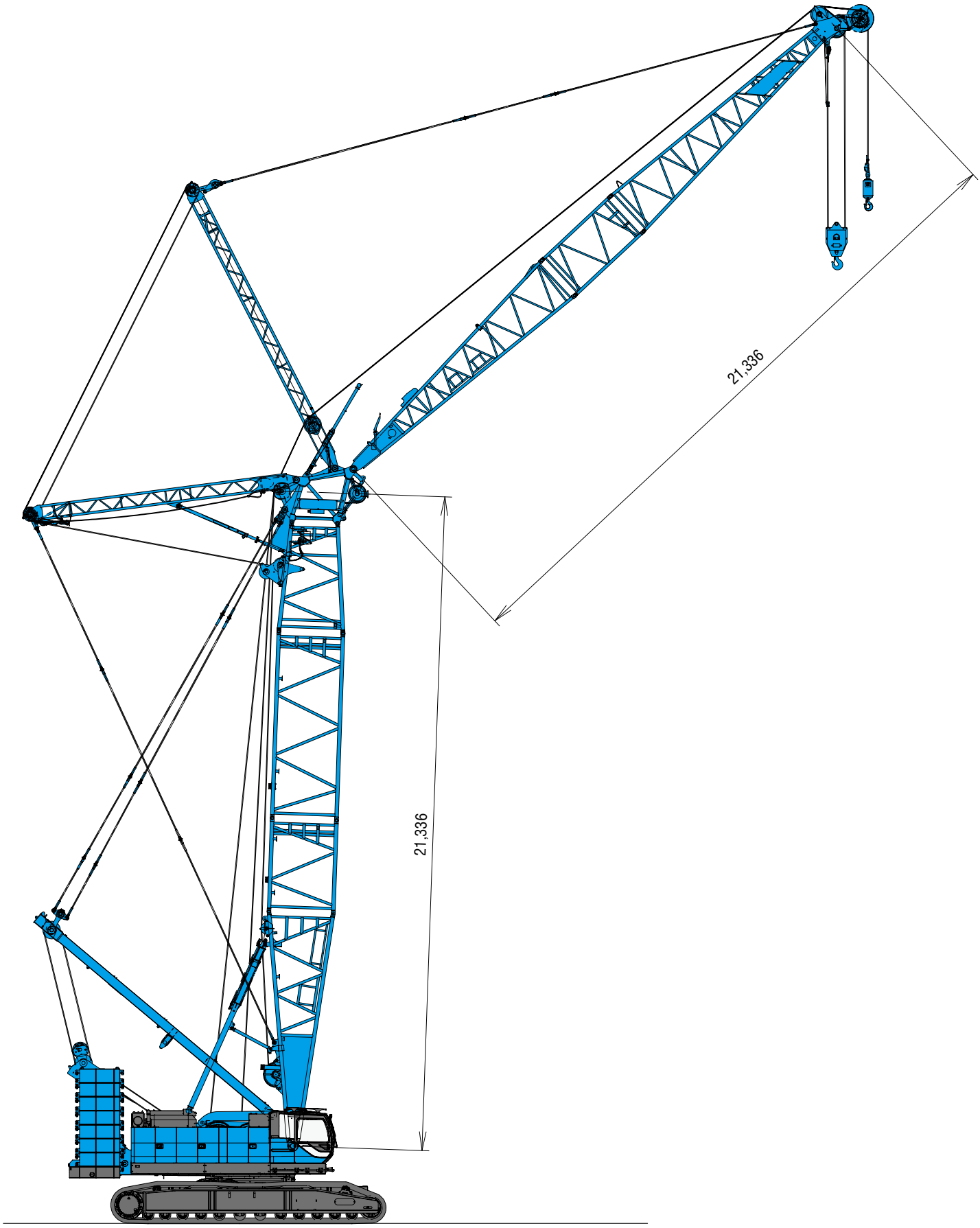
Hook	L
250 t hook	5.3 m
150 t hook	5.9 m
100 t hook	5.2 m
70 t hook	4.9 m
35 t hook	4.7 m



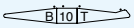
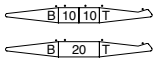
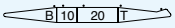
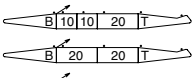
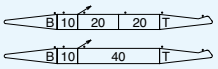
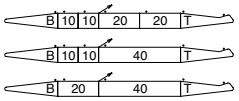
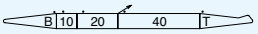
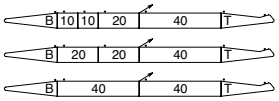
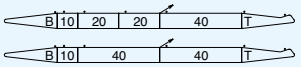
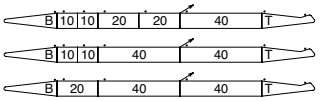
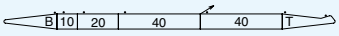
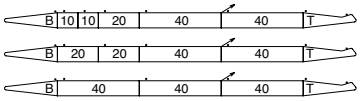
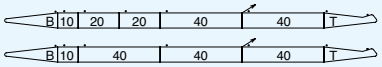
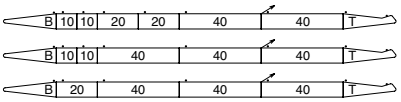
Hook	L'
35 t hook	3.8 m
Ball hook	3.5 m

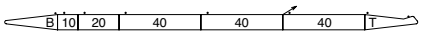
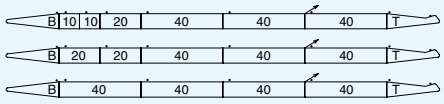
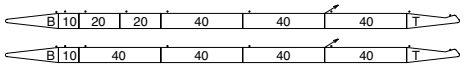
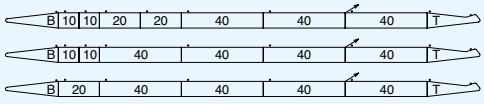
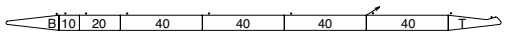
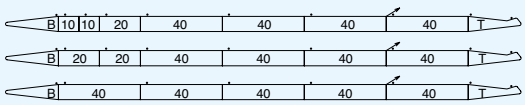
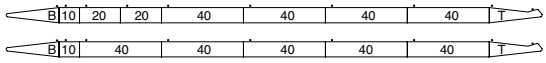
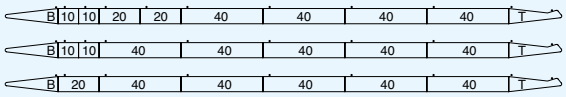
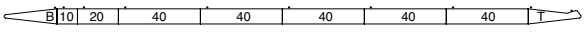
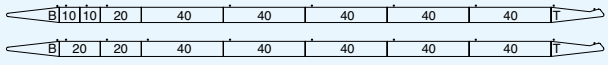
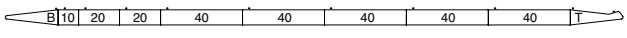
Luffing Jib

(Unit: mm)



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)	※ 

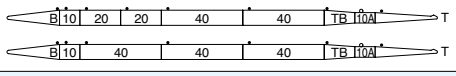
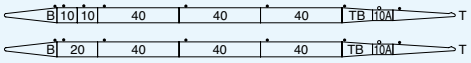
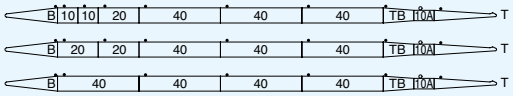
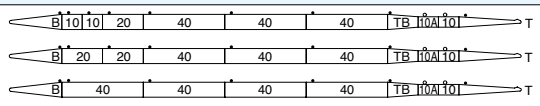
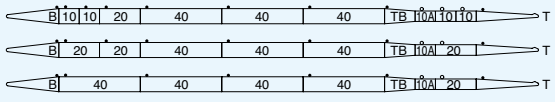
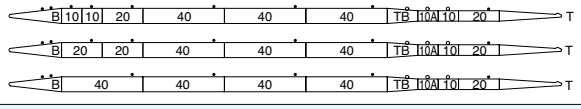
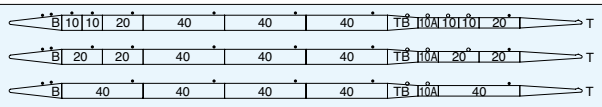
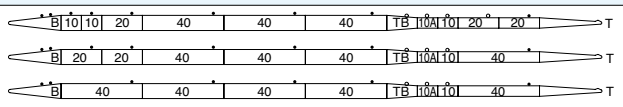
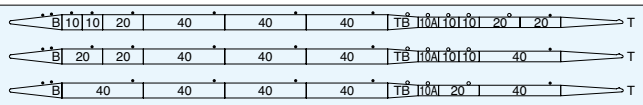
Boom length m (ft)	Boom arrangement
61.0 (200)	※ 
64.0 (210)	※ 
67.1 (220)	※ 
70.1 (230)	※ 
73.2 (240)	※ 
76.2 (250)	※ 
79.3 (260)	※ 
82.3 (270)	※ 
85.3 (280)	※ 
88.4 (290)	※ 
91.4 (300)	※ 

Symbol	Boom Length	Remarks
B	7.6 m	Boom Base
T	7.6 m	Boom Top
10	3.0 m	Insert Boom
20	6.1 m	Insert Boom
40	12.2 m	Insert Boom

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

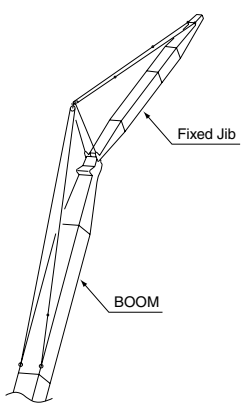
※ Indicates the most flexible combination of insert booms, which can be modified to form all shorter boom arrangements.

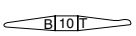
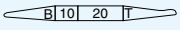
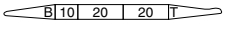
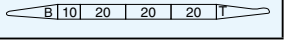
Long Boom Arrangements

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
B	7.6 m	Boom Base
T	9.1 m	Luffing Jib Top
10	3.0 m	Insert Boom
20	6.1 m	Insert Boom
40	12.2 m	Insert Boom
TB	4.6 m	Tapered Boom
10A	3.0 m	Relay Jib
10	3.0 m	Luffing Insert Jib
20	6.1 m	Luffing Insert Jib
40	12.2 m	Luffing Insert Jib

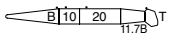
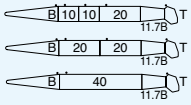
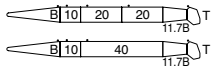
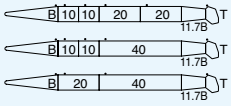
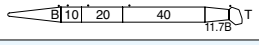
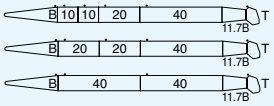
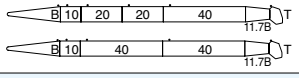
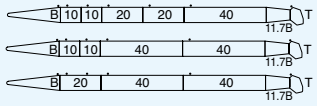
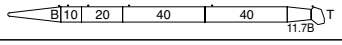
Fixed Jib Arrangements

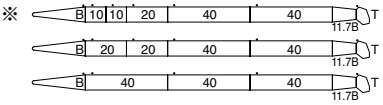
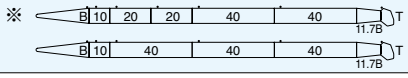
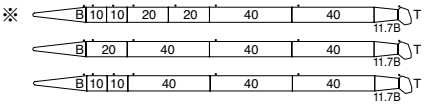
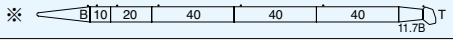
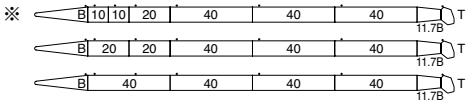


Crane boom length	Jib length m (ft)	Jib arrangement
27.4 m ～ 76.2 m	12.2 (40)	
	18.3 (60)	
	24.4 (80)	
	30.5 (100)	

Symbol	Jib Length	Remarks
B	4.6 m	Jib Base
T	4.6 m	Jib Top
10	3.0 m	Insert Jib
20	6.1 m	Insert Jib

Luffing Boom Arrangements for Luffing

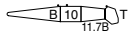
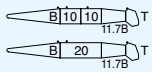
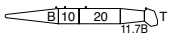
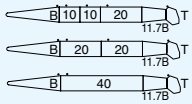
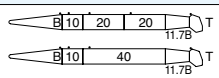
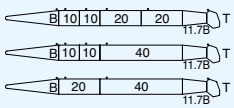
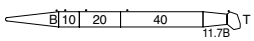
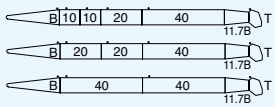
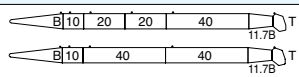
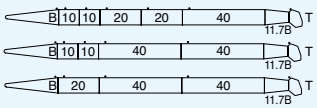
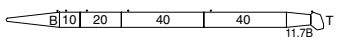
Boom length m (ft)	Boom arrangement
21.3 (70)	
24.4 (80)	※ 
27.4 (90)	※ 
30.5 (100)	※ 
33.5 (110)	※ 
36.6 (120)	※ 
39.6 (130)	※ 
42.7 (140)	※ 
45.7 (150)	※ 

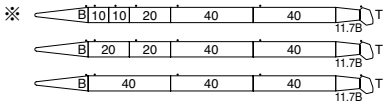
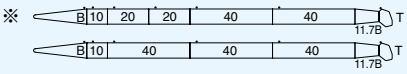
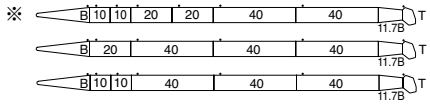
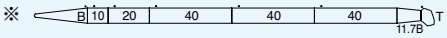
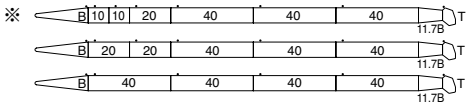
Boom length m (ft)	Boom arrangement
48.8 (160)	※ 
51.8 (170)	※ 
54.9 (180)	※ 
57.9 (190)	※ 
61.0 (200)	※ 

Symbol	Luffing Boom Length	Remarks
B	7.6 m	Boom Base
T	1.0 m	Luffing Boom Top
11.7B	3.6 m	Luffing Tapered Boom
10	3.0 m	Insert Boom
20	6.1 m	Insert Boom
40	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

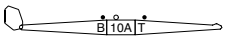
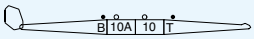
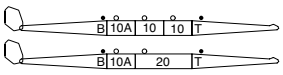
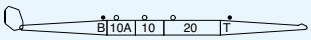
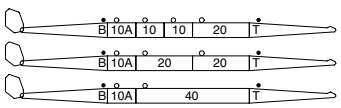
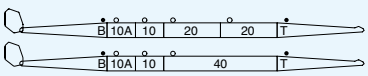
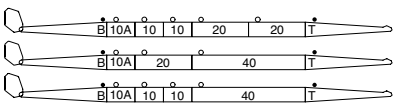
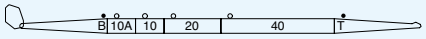
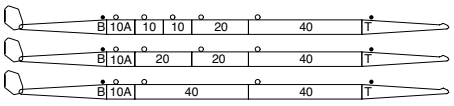
Boom length m (ft)	Boom arrangement
15.2 (50)	
18.3 (60)	
21.3 (70)	※ 
24.4 (80)	※ 
27.4 (90)	※ 
30.5 (100)	※ 
33.5 (110)	※ 
36.6 (120)	※ 
39.6 (130)	※ 
42.7 (140)	※ 
45.7 (150)	※ 

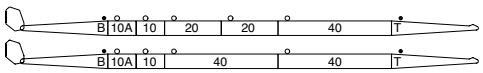
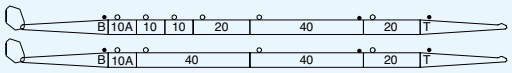
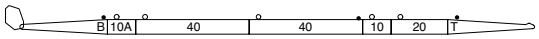
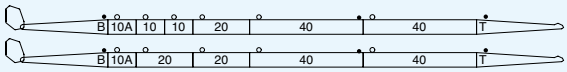
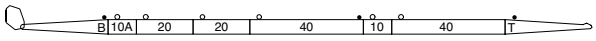
Boom length m (ft)	Boom arrangement
48.8 (160)	※ 
51.8 (170)	※ 
54.9 (180)	※ 
57.9 (190)	※ 
61.0 (200)	※ 

Symbol	Boom Length	Remarks
B	7.6 m	Boom Base
T	1.0 m	Luffing Boom Top
11.7B	3.6 m	Luffing Tapered Boom
10	3.0 m	Insert Boom
20	6.1 m	Insert Boom
40	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

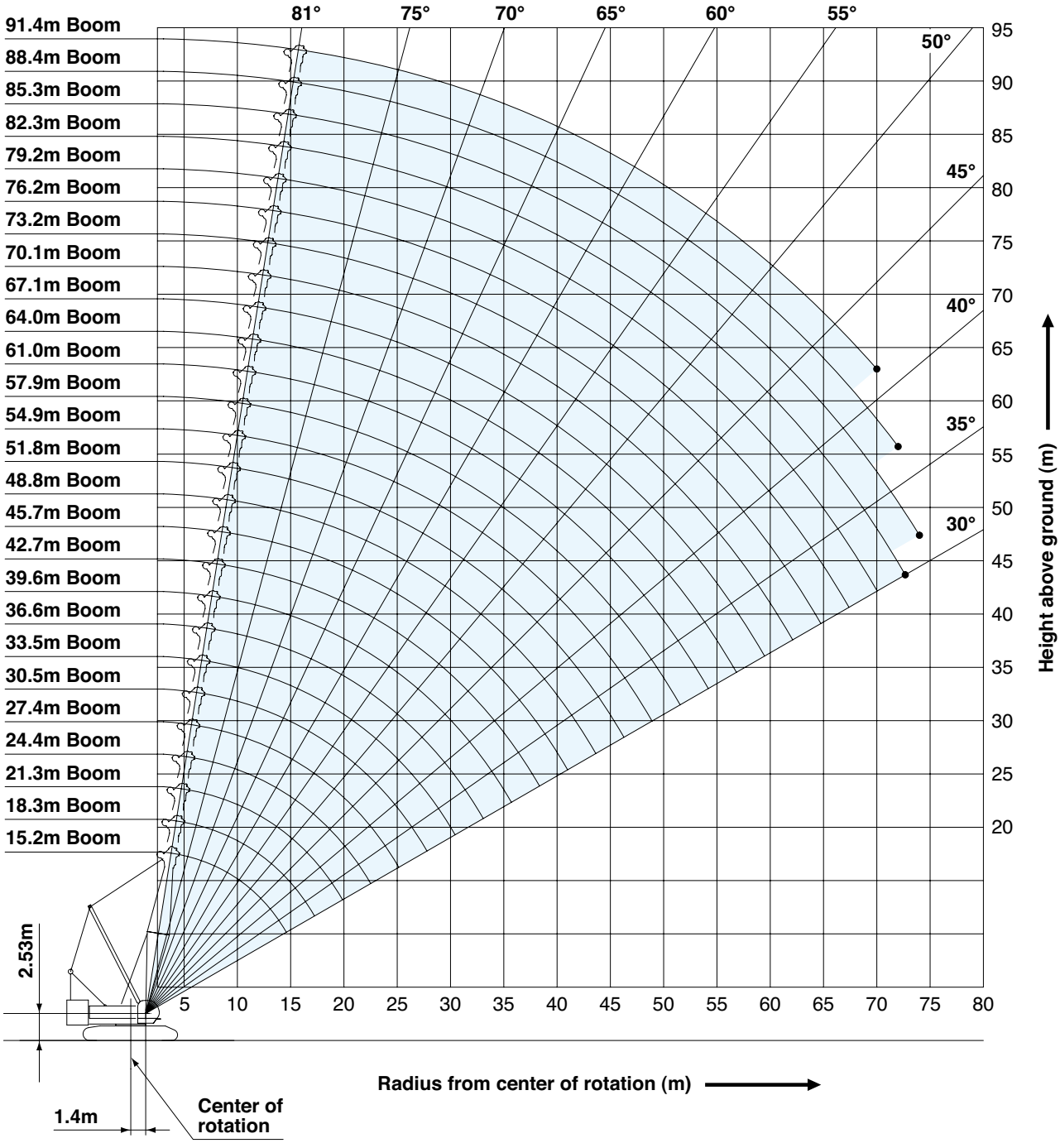
Jib length m (ft)	Jib arrangement
21.3 (70)	※ 
24.4 (80)	※ 
27.4 (90)	※ 
30.5 (100)	※ 
33.5 (110)	※ 
36.6 (120)	※ 
39.6 (130)	※ 
42.7 (140)	※ 
45.7 (150)	※ 

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

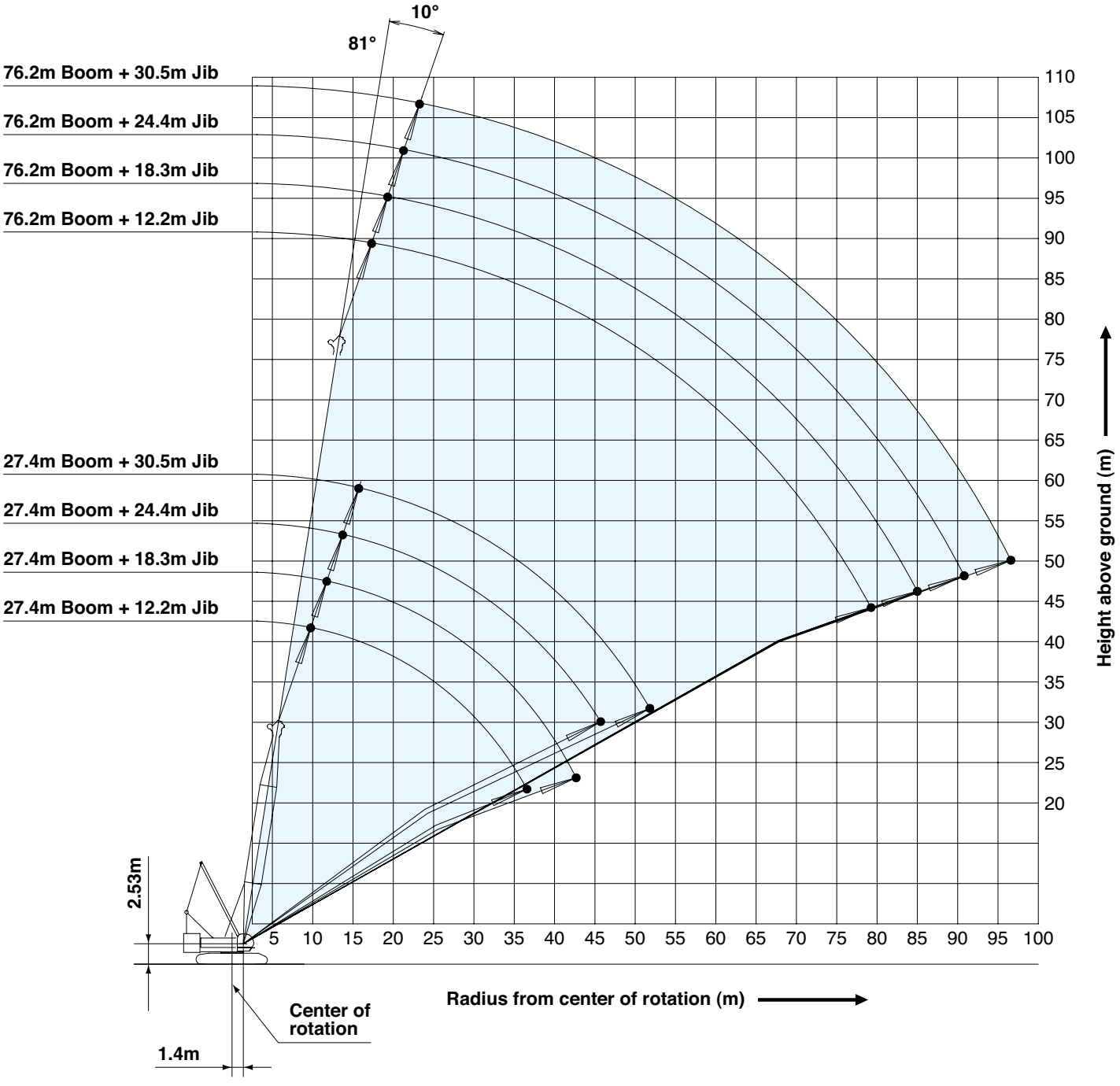
Symbol	Boom Length	Remarks
B	9.1 m	Luffing Jib Base
T	9.1 m	Luffing Jib Top
10A	3.0 m	Relay Jib
10	3.0 m	Luffing Insert Jib
20	6.1 m	Luffing Insert Jib
40	12.2 m	Luffing Insert Jib

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

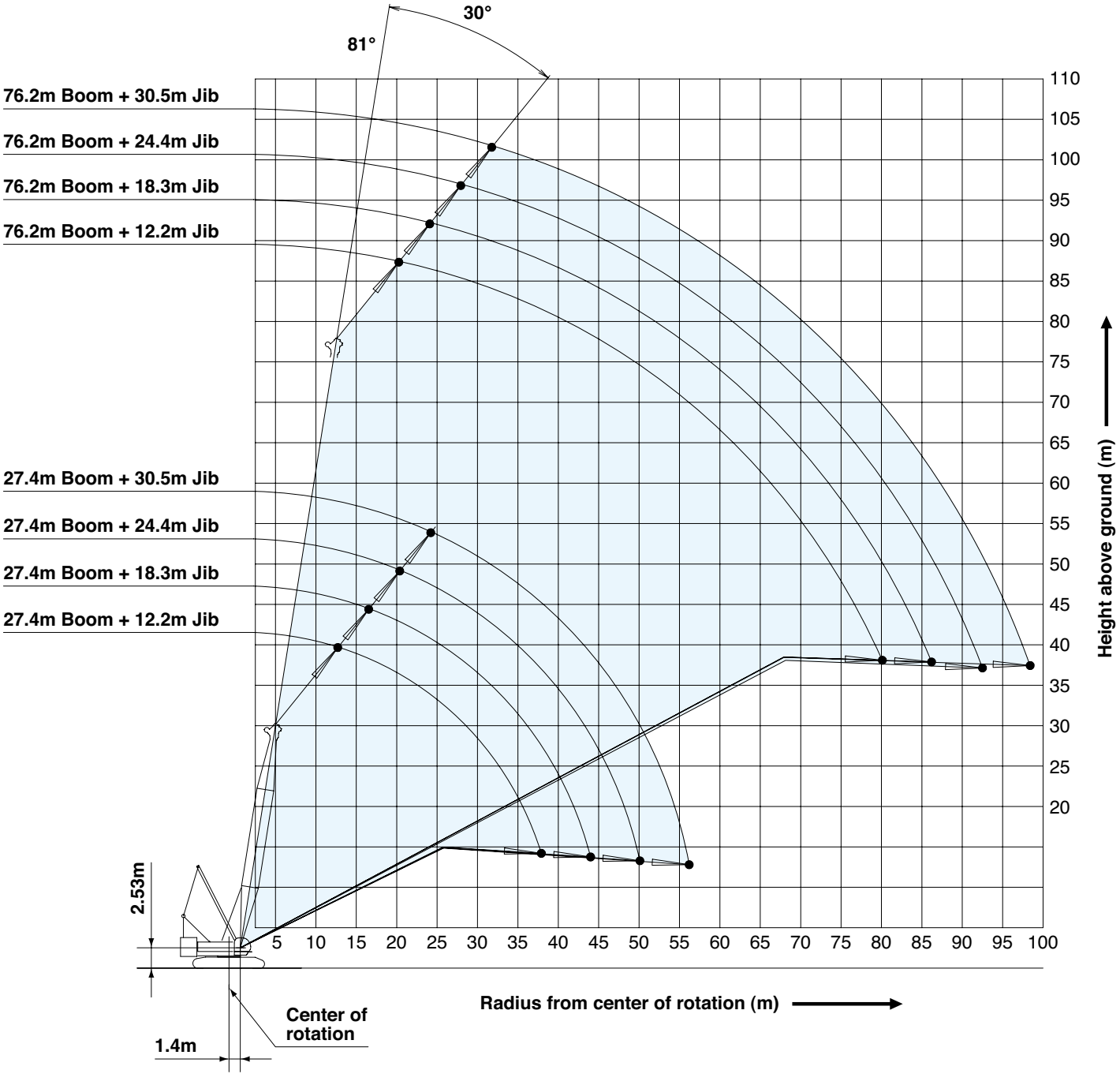
Crane Boom


91.4m Boom
88.4m Boom
85.3m Boom
82.3m Boom
79.2m Boom
76.2m Boom
73.2m Boom
70.1m Boom
67.1m Boom
64.0m Boom
61.0m Boom
57.9m Boom
54.9m Boom
51.8m Boom
48.8m Boom
45.7m Boom
42.7m Boom
39.6m Boom
36.6m Boom
33.5m Boom
30.5m Boom
27.4m Boom
24.4m Boom
21.3m Boom
18.3m Boom
15.2m Boom
81°
75°
70°
65°
60°
55°
50°
45°
40°
35°
30°
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
Height above ground (m)
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
Radius from center of rotation (m)
2.53m
1.4m
Center of rotation

Fixed Jib 10°

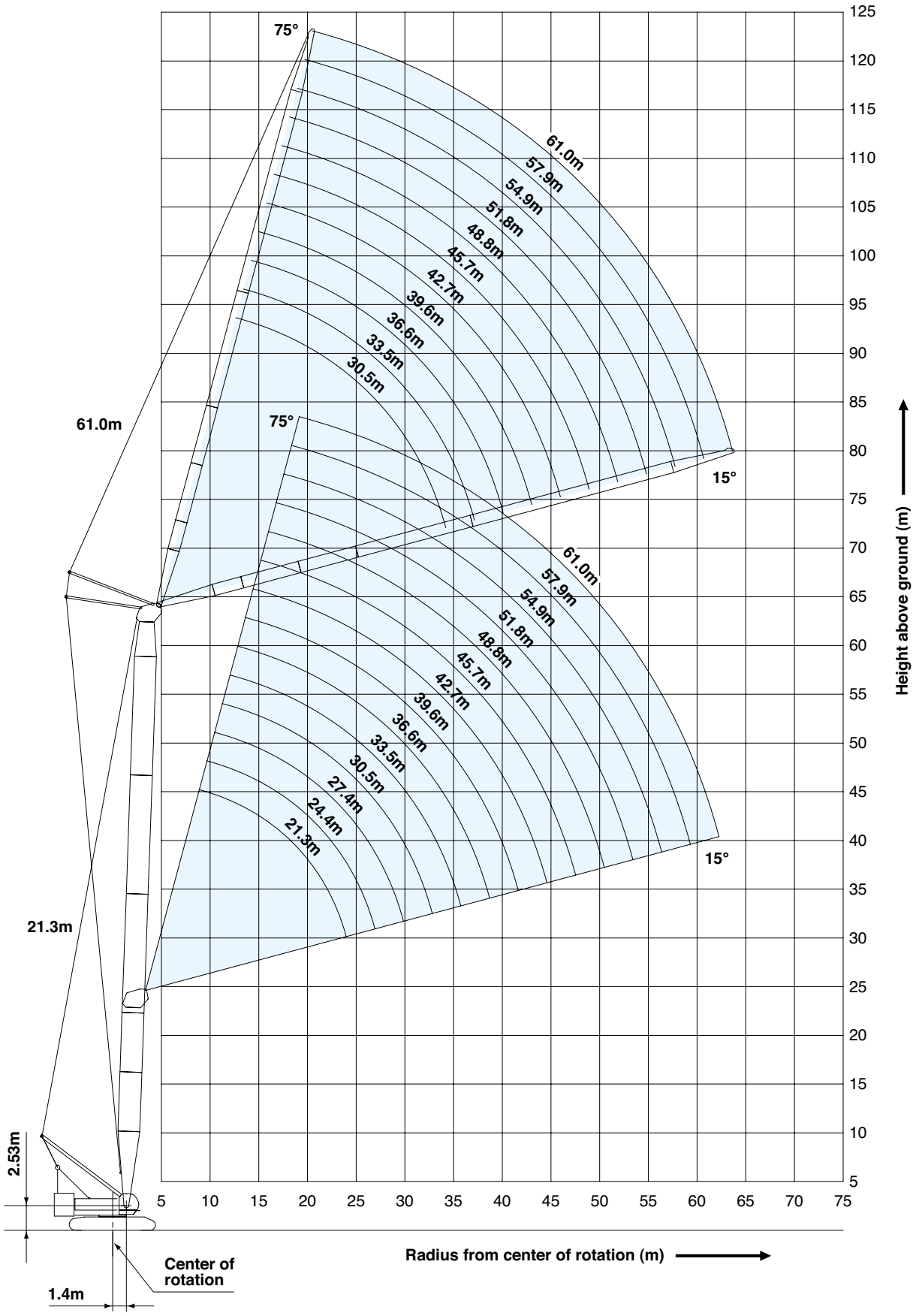

10°
81°
76.2m Boom + 30.5m Jib
76.2m Boom + 24.4m Jib
76.2m Boom + 18.3m Jib
76.2m Boom + 12.2m Jib
27.4m Boom + 30.5m Jib
27.4m Boom + 24.4m Jib
27.4m Boom + 18.3m Jib
27.4m Boom + 12.2m Jib
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
Height above ground (m)
2.53m
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Radius from center of rotation (m)
Center of rotation
1.4m

Fixed Jib 30°


30°
81°
76.2m Boom + 30.5m Jib
76.2m Boom + 24.4m Jib
76.2m Boom + 18.3m Jib
76.2m Boom + 12.2m Jib
27.4m Boom + 30.5m Jib
27.4m Boom + 24.4m Jib
27.4m Boom + 18.3m Jib
27.4m Boom + 12.2m Jib
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
Height above ground (m)
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100
Radius from center of rotation (m)
2.53m
Center of rotation
1.4m

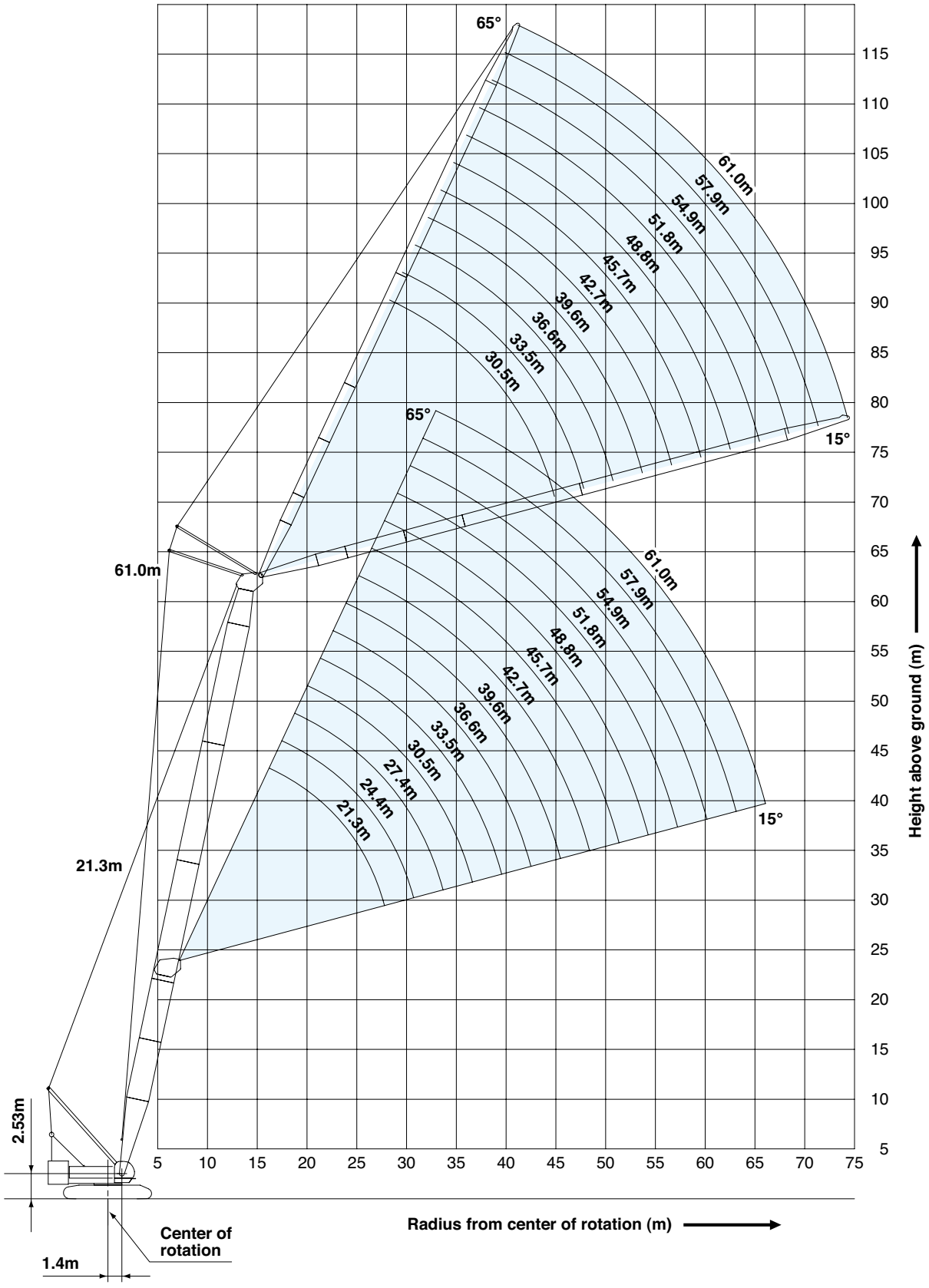
Luffing Jib

Boom Angle: 88°



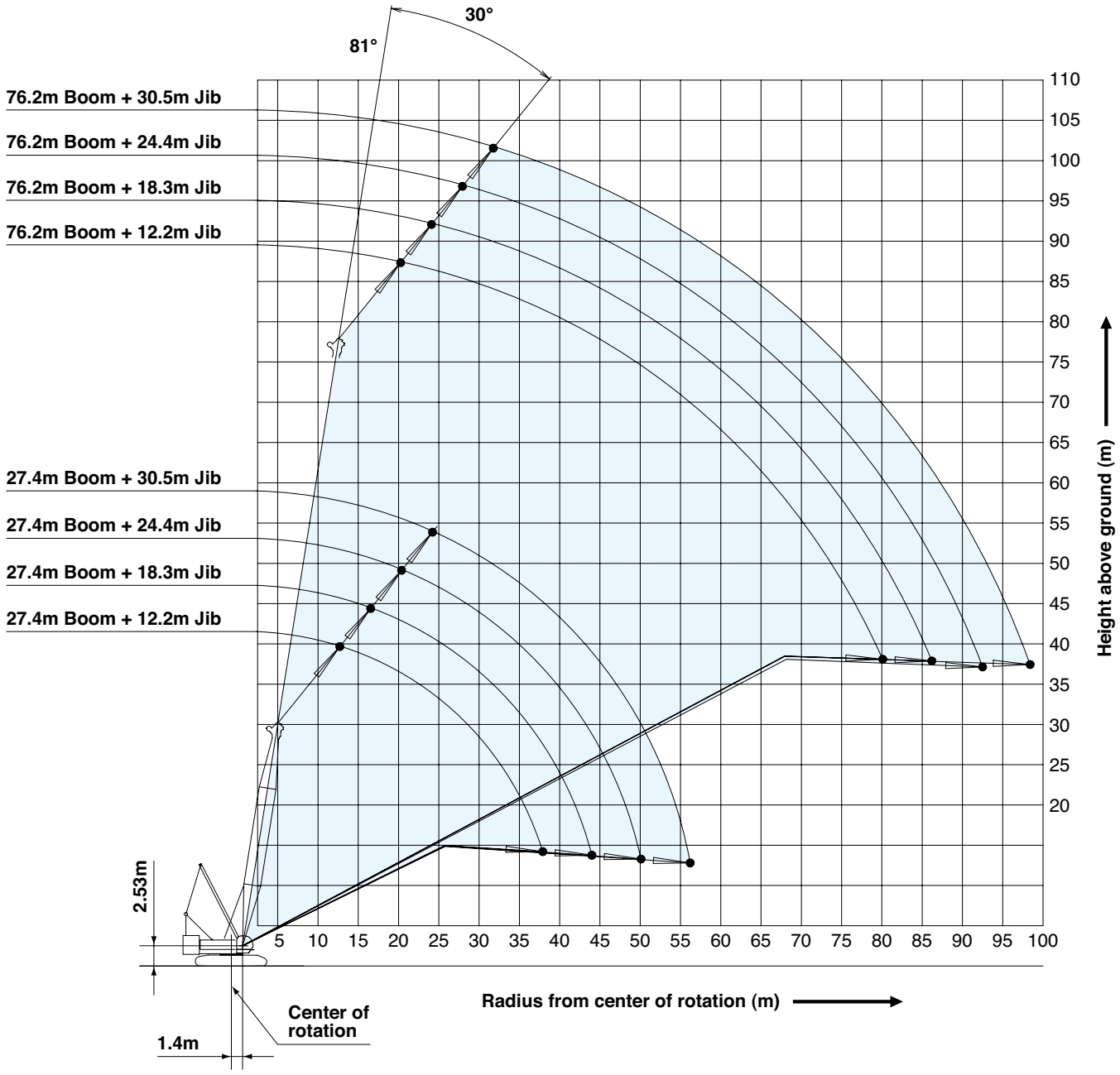
Luffing Jib

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 or lowering the boom or the jib combination showen below, the blocks for erection must be placed under the front of the crawlers.
  - The boom length 88.4 m (290 ft) or over
  - The combination length of the boom 76.2 m (250 ft) and the any length of fixed jib

(Crane boom/long boom/luffing boom lifting)

- 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 crane boom/long boom/luffing boom ratings shown.

(Fixed 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 fixed jib ratings shown.
- The availability of fixed jib mounting
  - On crane boom : Range 27.4 m to 76.2 m.
- Use of single part of line is not allowed on 12.2 m jib with 10 degrees offset angle on any boom length.

< Reference Information >

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	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

Crane 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	45.7	48.8	51.8	Working Radius (m) \ Boom Length (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**

Working Radius (m) \ Boom Length (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	Working Radius (m) \ Boom Length (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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t
Unit: metric ton

Working Radius (m) \ 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)
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

Working Radius (m) \ 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)
12.0	12.0m/26.6				12.6m/26.5				13.1m/26.5				12.0
14.0	25.5	14.1m/21.2			25.8	14.6m/21.2			26.1	15.2m/21.2			14.0
16.0	24.5	20.3	16.2m/12.1		24.8	20.6	16.7m/12.1		25.1	20.8	17.3m/12.1		16.0
18.0	23.6	19.4	11.7	18.3m/6.8	23.9	19.7	11.8	18.8m/6.8	24.3	20.0	12.0	19.3m/6.8	18.0
20.0	22.7	18.6	11.2	6.5	23.1	18.9	11.4	6.6	23.5	19.2	11.5	6.7	20.0
22.0	21.9	17.9	10.8	6.2	22.3	18.2	11.0	6.3	22.7	18.5	11.1	6.4	22.0
24.0	21.2	17.2	10.4	5.9	21.5	17.5	10.6	6.0	22.1	17.8	10.7	6.1	24.0
26.0	20.5	16.6	10.1	5.7	20.8	16.9	10.2	5.8	21.5	17.2	10.4	5.9	26.0
28.0	19.8	16.1	9.7	5.4	20.0	16.4	9.9	5.5	20.7	16.7	10.1	5.6	28.0
30.0	19.1	15.5	9.4	5.2	19.4	15.9	9.6	5.3	20.0	16.2	9.7	5.4	30.0
32.0	18.4	14.6	9.0	5.0	18.7	15.2	9.2	5.1	19.4	15.7	9.4	5.2	32.0
34.0	17.8	13.8	8.7	4.8	18.0	14.4	8.9	4.9	18.8	15.0	9.1	5.0	34.0
36.0	17.1	13.1	8.5	4.6	17.3	13.6	8.7	4.8	18.1	14.2	8.8	4.9	36.0
38.0	16.4	12.4	8.2	4.5	16.7	13.0	8.4	4.6	17.4	13.5	8.6	4.7	38.0
40.0	15.8	11.9	8.0	4.3	16.1	12.4	8.2	4.4	16.8	12.9	8.3	4.6	40.0
42.0	15.3	11.3	7.7	4.2	15.5	11.8	7.9	4.3	15.8	12.3	8.1	4.4	42.0
44.0	14.7	10.9	7.5	4.1	14.9	11.4	7.7	4.2	14.8	11.8	7.9	4.3	44.0
46.0	45.1m/14.4	10.5	7.3	4.0	14.2	10.9	7.5	4.1	14.0	11.4	7.7	4.2	46.0
48.0		10.1	7.2	3.8	47.7m/13.5	10.5	7.3	3.9	13.1	11.0	7.5	4.0	48.0
50.0		9.8	7.0	3.8		10.2	7.2	3.8	12.2	10.6	7.3	3.9	50.0
52.0		50.8m/9.6	6.8	3.7		9.8	7.0	3.8	50.3m/12.1	10.2	7.2	3.8	52.0
54.0			6.7	3.6		53.4m/9.6	6.9	3.7		9.9	7.0	3.8	54.0
56.0			6.6	3.5			6.7	3.6		56.1m/9.6	6.9	3.7	56.0
58.0			56.5m/6.5	3.4			6.6	3.5			6.8	3.6	58.0
60.0				3.4			59.2m/6.5	3.4			6.6	3.5	60.0
62.0				3.2				3.4			61.8m/6.6	3.5	62.0
64.0				62.3m/3.1				3.3				3.4	64.0
66.0								64.9m/3.1				3.3	66.0
68.0												67.5m/3.0	68.0
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Working Radius (m)	Boom length (m)	45.7				48.8				51.8				Boom length (m)	Working Radius (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)	
12.0		13.6m/26.5												12.0	12.0
14.0		26.3	15.7m/21.2			14.1m/26.5				14.7m/26.5				14.0	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	60.0
62.0				6.7	3.5		61.4m/8.6	6.8	3.6		8.1	6.9	3.7	62.0	62.0
64.0				6.6	3.4			6.7	3.5		64.0m/7.7	6.8	3.6	64.0	64.0
66.0				64.4m/6.5	3.4			6.6	3.5			6.7	3.5	66.0	66.0
68.0					3.3			67.1m/6.5	3.4			6.6	3.5	68.0	68.0
70.0					3.1				3.4			69.7m/6.5	3.4	70.0	70.0
72.0					70.2m/3.1				3.2				3.4	72.0	72.0
74.0									72.8m/3.1				3.2	74.0	74.0
76.0													75.4m/3.0	76.0	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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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)
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**

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.
12.2 m jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t
Unit: metric ton

Working Radius (m)	Boom length (m)	73.2				76.2								Boom length (m)	Working Radius (m)
	Jib Length (m)	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5					Jib Length (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.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working Radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t
Unit: metric ton

Working Radius (m)	Boom length (m)	45.7				48.8				51.8				Working Radius (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	
	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.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

Working Radius (m)	Boom length (m)	54.9				57.9				61.0				Boom length (m)	Working Radius (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)	
	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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Counterweight: 90.4 t
Carbody Weight: 27.5 t
Unit: metric ton

Working Radius (m) / Boom length (m)	64.0				67.1				70.1				Boom length (m) / Working Radius (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)
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.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)		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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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	**Reeves**

Note: Ratings according to EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)

- 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 with luffing jib rating shown.

(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 ratings shown.

1. Availability of 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
	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	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.

Luffing Boom Lifting Capacities With Luffing Jib

(Attached at 23 degree boom to luffing jib offset angle)

Counterweight: 90.4 t
Carbody Weight: 27.5 t

Unit: metric ton

21.3m Boom Length

Working radius (m) / 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
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
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
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
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
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
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
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
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
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
Reeves	10	10	10	10	10	10	10	10	10	8	8	8	8	8

24.4m Boom Length

Working radius (m) / 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
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
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
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
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
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
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
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
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
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
Reeves	10	10	10	10	10	10	10	10	10	10	10	8	8	8

27.4m Boom Length

Working radius (m) / 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
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
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
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
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
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
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
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
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
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
Reeves	10	10	10	10	10	10	10	10	10	10	10	10	8	8

30.5m Boom Length

Working radius (m) / 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
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
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
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
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
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
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
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
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
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
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
Reeves	10	10	10	10	10	10	8	8	8	8	8	8	8	7

33.5m Boom Length

Working radius (m) / 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
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
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
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
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
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
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
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
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
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
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	
Reeves	8	8	8	8	7	7	7	7	7	7	7	7	6	6

Note: Ratings according to EN13000.

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

Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

LIFTING CAPACITIES

36.6m Boom Length

Boom Length (m)	36.6														
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
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

Working radius (m) / Working radius (m)

39.6m Boom Length

Boom Length (m)	39.6														
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
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

Working radius (m) / Working radius (m)

42.7m Boom Length

Boom Length (m)	42.7														
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)
12.0	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	12.0
14.0	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	14.0
16.0	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	16.0
18.0	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	18.0
20.0	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	20.0
22.0	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	22.0
24.0	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	24.0
26.0	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		26.0
28.0	14.9	13.9	12.9	12.1	11.3	10.4	9.3	8.5	7.4	6.9	6.3	5.4			28.0
30.0	12.5	11.6	10.6	9.8	9.0	8.1	7.1	6.3	5.2	5.2					30.0
32.0	10.5	9.6	8.7	7.8	7.1	6.2	5.2								32.0
34.0	8.7	7.8	6.9	6.1	5.4										34.0
Reeves	6	6	6	6	5	5	5	5	5	5	5	5	5	5	Reeves

Working radius (m) / Working radius (m)

45.7m Boom Length

Boom Length (m)	45.7														
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)
12.0	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	12.0
14.0	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	14.0
16.0	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	16.0
18.0	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	18.0
20.0	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	20.0
22.0	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	22.0
24.0	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	24.0
26.0	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		26.0
28.0	14.8	13.9	12.9	12.3	11.3	10.4	9.3	8.6	7.4	6.9	6.4	5.5			28.0
30.0	12.4	11.5	10.5	10.0	9.0	8.1	7.1	6.3	5.2	5.2					30.0
32.0	10.4	9.5	8.6	8.0	7.0	6.2	5.2								32.0
34.0	8.6	7.7	6.8	6.3	5.3										34.0
36.0	7.0	6.2	5.3												36.0
Reeves	5	5	5	5	5	5	5	5	5	5	4	4	4	4	Reeves

Working radius (m) / Working radius (m)

48.8m Boom Length

Boom Length (m)	48.8														
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)
12.0	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	12.0
14.0	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	14.0
16.0	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	16.0
18.0	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	18.0
20.0	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	20.0
22.0	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	22.0
24.0	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	24.0
26.0	17.6	16.6	15.9	15.1	14.0	13.1	12.1	11.3	11.3	10.3	9.1	8.2	7.0		26.0
28.0	14.7	13.7	13.1	12.2	11.2	10.3	9.3	8.6	8.6	7.6	6.4	5.6			28.0
30.0	12.3	11.4	10.7	9.9	8.9	8.0	7.0	6.3	6.3	5.4					30.0
32.0	10.2	9.3	8.6	7.8	6.9	6.0	5.1								32.0
34.0	8.4	7.5	6.8	6.1	5.1										34.0
36.0	6.9	6.0	5.4												36.0
38.0	5.5														38.0
Reeves	5	5	5	5	5	5	5	5	5	5	4	4	4	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 may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

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)
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
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

Working radius (m) / Working radius (m)

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)
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
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

Working radius (m) / Working radius (m)

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)
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
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

Working radius (m) / Working radius (m)

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)
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
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

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 may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
14.0	47.7																		14.0
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	52.0
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)
16.0	29.4												16.0
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
18.0	26.6																		18.0
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

Working radius (m)

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)
20.0	18.4						20.0
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
14.0	47.7																		14.0
16.0	46.3						39.6						33.9						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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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)
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)

Boom Length (m)	24.4						Boom Length (m)
Jib 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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
14.0	47.7																		14.0
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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)
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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)

Note: Ratings according to EN13000.
Ratings shown in [ ] are determined by the strength of the boom or other structural components.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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.
Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
18.0	25.2																		18.0
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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	67.5																		10.0
12.0	65.3						64.5						63.5						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	38.0
40.0												17.0					17.4	16.9	40.0
42.0																		15.9	42.0
44.0																		14.9	44.0
Reeves	5						5						5						Reeves

Working radius (m)

Working radius (m)

Boom Length (m)	33.5												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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
14.0	45.9																		14.0
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

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)
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	7.1	68.0
70.0				6.6	7.0	6.8	70.0
72.0					6.5	6.5	72.0
74.0					6.0	6.2	74.0
76.0						5.9	76.0
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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																		
Jib Length (m)	21.3						24.4						27.4						
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	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												
Jib Length (m)	30.5						33.5						
Boom Angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	Boom Angle (deg)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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)
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

Working radius (m)

Boom Length (m)	36.6												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)
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	27.4					22.4	23.2					26.0
28.0	25.9	26.9					22.0	22.7					28.0
30.0	24.7	26.4					21.2	22.3					30.0
32.0	23.5	25.3	24.2				20.1	21.9	22.6				32.0
34.0	22.4	23.5	22.4				19.1	20.8	22.1				34.0
36.0	21.4	21.8	20.8				18.2	19.8	20.8				36.0
38.0	20.4	20.4	19.4	18.5			17.4	18.8	19.4				38.0
40.0	19.1	19.1	18.2	17.3			16.7	18.0	18.2	17.3			40.0
42.0	17.8	17.9	17.1	16.2			16.0	17.2	17.1	16.2			42.0
44.0	16.2	16.9	16.1	15.3	14.5		15.0	16.5	16.1	15.3			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
48.0	12.4	15.1	14.4	13.6	12.9		13.5	15.1	14.4	13.6	12.9		48.0
50.0		14.3	13.6	12.9	12.2	11.6	12.3	14.3	13.6	12.9	12.2		50.0
52.0			12.9	12.3	11.6	11.0		13.6	12.9	12.2	11.6	11.0	52.0
54.0			12.3	11.7	11.0	10.4		12.3	12.3	11.6	11.0	10.4	54.0
56.0				11.1	10.5	9.9			11.7	11.1	10.5	9.9	56.0
58.0					10.0	9.4				10.6	10.0	9.4	58.0
60.0					9.5	9.0				10.1	9.5	9.0	60.0
62.0						8.6					9.1	8.6	62.0
64.0												8.2	64.0
66.0												7.8	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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
10.0	64.5																		10.0
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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	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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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						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	22.9						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

Working radius (m)

Working radius (m)

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	Boom Angle (deg)
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	80.0
Reeves	2						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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Working radius (m)

Boom Length (m)	45.7						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)
18.0	28.1						24.6						18.0
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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

Working radius (m)

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)
22.0	16.3						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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

Boom Length (m)	48.8						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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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	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					6.0	5.2				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

Working radius (m)

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)
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	5.7	66.0
68.0			6.4	6.6	6.2	5.3	68.0
70.0			5.9	6.2	5.9	5.1	70.0
72.0				5.7	5.6	4.8	72.0
74.0				5.3	5.3	4.5	74.0
76.0					5.1	4.3	76.0
78.0					4.7	4.1	78.0
80.0					4.3	3.8	80.0
82.0						3.6	82.0
Reeves	3						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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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	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

Working radius (m)

Boom Length (m)	51.8						Boom Length (m)
Jib Length (m)	61.0						Jib Length (m)
Boom Angle (deg)	88	83	78	73	68	63	Boom Angle (deg)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

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)	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	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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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)
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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
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

Working radius (m)

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)
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					5.8	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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)	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	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

Working radius (m)

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)
22.0	14.9						22.0
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

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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

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)
14.0	35.0						27.0												14.0
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

Working radius (m)

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)
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

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 may vary depending on hook used or with/without auxiliary sheave.

Please refer rated chart in operator's cabin.

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)	45.7						48.8						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)
18.0	23.6																		18.0
20.0	23.3						21.2						19.4						20.0
22.0	23.0						20.9						19.1						22.0
24.0	21.8						20.6						18.8						24.0
26.0	20.2						19.7						18.5						26.0
28.0	18.8	21.6					18.3	21.2					17.5						28.0
30.0	17.5	20.1					17.1	20.0					16.4	18.6					30.0
32.0	16.4	18.7					16.0	18.6					15.4	17.5					32.0
34.0	15.3	17.5					15.0	17.4					14.5	16.4					34.0
36.0	14.4	16.3	18.7				14.1	16.2					13.6	15.4					36.0
38.0	13.5	15.3	17.4				13.3	15.2	17.5				12.9	14.5	15.6				38.0
40.0	12.7	14.4	16.3				12.5	14.3	16.3				12.2	13.6	14.8				40.0
42.0	12.0	13.5	15.2				11.9	13.5	15.3				11.6	12.9	14.0				42.0
44.0	11.3	12.8	14.3				11.2	12.7	14.4				11.0	12.2	13.3				44.0
46.0	10.7	12.1	13.5	12.2			10.6	12.0	13.6	12.1			10.4	11.5	12.6				46.0
48.0	10.1	11.4	12.8	11.5			10.0	11.3	12.8	11.4			9.8	10.9	11.9	11.1			48.0
50.0		10.8	12.1	10.9			9.5	10.7	12.1	10.7			9.5	10.3	11.3	10.4			50.0
52.0		10.2	11.4	10.3				10.1	11.4	10.2			9.1	9.8	10.6	9.9			52.0
54.0		9.6	10.9	9.8	8.3			9.6	10.8	9.6			8.6	9.3	10.0	9.3			54.0
56.0			10.3	9.3	7.9			9.1	10.2	9.2	7.9			8.9	9.4	8.8	7.5		56.0
58.0			9.8	8.8	7.4				9.7	8.7	7.5			8.4	8.8	8.4	7.1		58.0
60.0				8.4	7.0				9.2	8.3	7.1			7.7	8.2	8.0	6.7		60.0
62.0				8.0	6.7	5.6			8.7	7.9	6.7				7.7	7.6	6.3		62.0
64.0				7.7	6.3	5.3				7.5	6.3	5.1			7.1	7.2	5.9		64.0
66.0					6.0	5.0				7.2	6.0	4.9				6.9	5.6	4.4	66.0
68.0					5.7	4.8					5.7	4.6				6.4	5.3	4.2	68.0
70.0						4.5					5.4	4.3				5.9	5.0	3.9	70.0
72.0						4.3					5.2	4.1					4.8	3.7	72.0
74.0						4.1						3.9					4.5	3.5	74.0
76.0												3.7						3.3	76.0
78.0																		3.1	78.0
80.0																		2.9	80.0
Reeves	2						2						2						Reeves

Working radius (m)

Boom Length (m)	61.0																		Boom Length (m)
Jib Length (m)	54.9						57.9						61.0						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	17.7																		20.0
22.0	17.4						15.9						14.5						22.0
24.0	17.1						15.7						14.3						24.0
26.0	16.8						15.5						14.1						26.0
28.0	16.5						15.3						13.9						28.0
30.0	15.8	17.3					15.1						13.7						30.0
32.0	14.8	16.5					14.2	15.5					13.5	14.1					32.0
34.0	14.0	15.5					13.5	14.6					13.0	13.6					34.0
36.0	13.2	14.6					12.8	13.7					12.3	12.9					36.0
38.0	12.6	13.8					12.2	13.0					11.8	12.3					38.0
40.0	11.9	13.0	14.1				11.5	12.4					11.2	11.7					40.0
42.0	11.3	12.3	13.4				11.0	11.7	12.8				10.7	11.1	11.6				42.0
44.0	10.8	11.7	12.8				10.5	11.1	12.2				10.3	10.6	11.0				44.0
46.0	10.2	11.1	12.1				10.0	10.7	11.6				9.8	10.2	10.5				46.0
48.0	9.7	10.5	11.5				9.6	10.1	11.1				9.4	9.7	10.0				48.0
50.0	9.3	10.0	10.9	10.3			9.0	9.7	10.5				8.4	9.3	9.6				50.0
52.0	8.9	9.5	10.3	9.8			8.1	9.2	10.0	9.6			7.3	8.9	9.2	9.3			52.0
54.0	8.1	9.1	9.8	9.3			7.1	8.9	9.5	9.1			6.3	8.6	8.8	8.9			54.0
56.0	7.2	8.7	9.2	8.8			6.1	8.5	9.0	8.6			5.3	8.3	8.4	8.4			56.0
58.0		8.3	8.7	8.3	6.9		5.3	8.2	8.5	8.1			4.4	7.9	8.1	8.0			58.0
60.0		7.6	8.1	7.9	6.6		4.4	7.5	8.0	7.7	6.3		3.5	7.2	7.7	7.5			60.0
62.0		7.1	7.6	7.5	6.2			6.5	7.5	7.3	6.0		2.8	6.2	7.3	7.1	5.8		62.0
64.0			7.1	7.1	5.8			5.7	7.1	6.9	5.6			5.2	6.8	6.7	5.4		64.0
66.0			6.8	6.8	5.5			4.8	6.6	6.6	5.3			4.2	6.4	6.4	5.1		66.0
68.0			6.2	6.4	5.2	4.1			6.1	6.2	5.0			3.2	6.0	6.0	4.8		68.0
70.0				6.1	4.9	3.8			5.6	5.8	4.7	3.6			5.6	5.6	4.6		70.0
72.0				5.6	4.7	3.6				5.4	4.5	3.4			4.8	5.2	4.3	3.2	72.0
74.0					4.4	3.4				5.0	4.2	3.2			3.7	4.8	4.0	3.0	74.0
76.0					4.2	3.2				4.6	4.0	2.9				4.5	3.8	2.8	76.0
78.0					4.0	3.0					3.8	2.8				4.1	3.6		78.0
80.0						2.8					3.6						3.4		80.0
82.0						2.6											3.2		82.0
Reeves	2						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 may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

SUPPLEMENTAL DATA FOR CLAMSHELL RATING CHART

- 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 bucket, 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.
- Rated loads do not exceed 66% of minimum tipping loads.
- 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.

(Clamshell bucket lifting)

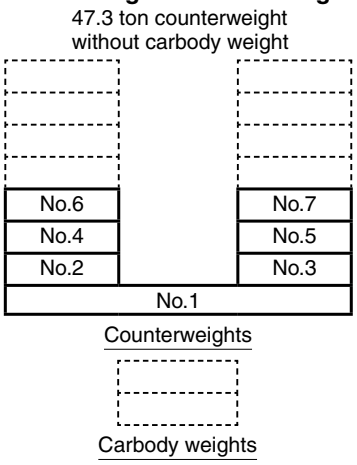
- The total load that can be lifted is the value for weight of bucket, slings, and all other load handling accessories deducted from main boom ratings shown.
- The weight of bucket and materials must not exceed rated load.
- Optimum bucket should be required according to material.
- Bucket capacity (m^3) x specified gravity of material (ton/m^3) + bucket weight (ton) = rated load.
- Bucket weight must also be decreased according to operating cycle and bucket lowering height.
- Rated loads are determined by stability and boom strength. During simultaneous operations of boom and swing, rapid acceleration or deceleration must be avoided.
- Do not attempt to cast the bucket while swinging or diagonal draw-cutting.

<Reference Information>

Main hoist loads

No. of Parts of Line	1
Maximum Loads (kN)	123
Maximum Loads (t)	12.5

Assembling the counterweight



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

Clamshell Rating Charts
Crane Boom Capacities

Counterweight: 47.3 t
Without Carbody Weight

Unit: metric ton

Load radius (m) \ Boom length (m)	18.3	21.3	24.4	27.4	30.5	33.5			Boom length (m) \ Load radius (m)
8.0	12.5								**8.0**
9.0	12.5	12.5							**9.0**
10.0	12.5	12.5	12.5						**10.0**
11.0	12.5	12.5	12.5	12.5					**11.0**
12.0	12.5	12.5	12.5	12.5	12.5				**12.0**
13.0	12.5	12.5	12.5	12.5	12.5	12.5			**13.0**
14.0	12.5	12.5	12.5	12.5	12.5	12.5			**14.0**
15.0	12.5	12.5	12.5	12.5	12.5	12.5			**15.0**
16.0	12.5	12.5	12.5	12.5	12.5	12.5			**16.0**
17.0		12.5	12.5	12.5	12.5	12.5			**17.0**
18.0		12.5	12.5	12.5	12.5	12.5			**18.0**
19.0		12.5	12.5	12.5	12.5	12.5			**19.0**
20.0			12.5	12.5	12.5	12.5			**20.0**
21.0			12.5	12.5	12.5	12.5			**21.0**
22.0			12.5	12.5	12.5	12.5			**22.0**
23.0				12.5	12.5	12.5			**23.0**
24.0				12.5	12.5	12.5			**24.0**
25.0					12.5	12.5			**25.0**
26.0					12.5	12.5			**26.0**
27.0					12.5	12.3			**27.0**
28.0						12.0			**28.0**
29.0						11.7			**29.0**
30.0									**30.0**
31.0									**31.0**
32.0									**32.0**
33.0									**33.0**
34.0									**34.0**
35.0									**35.0**
36.0									**36.0**
37.0									**37.0**
38.0									**38.0**
Reeves	1	1	1	1	1	1			**Reeves**

Note: Please refer rated chart in operator's cabin.

SUPPLEMENTAL DATA FOR REDUCED WEIGHTS RATING CHART

- 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).

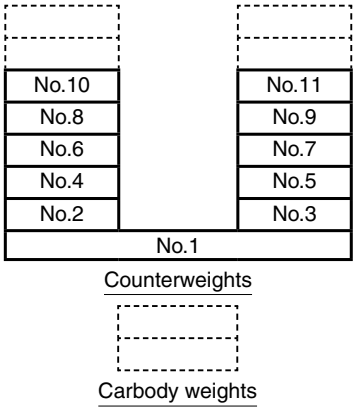
(Crane boom lifting)

- 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.

Counterweight	Carbody weight	Boom lenght	
		Without aux.	With aux.
68.8 ton	Without	15.2 m ～ 76.2 m	15.2 m ～ 73.2 m

Assembling the counterweight

68.8 ton counterweight
without carbody weight



<Reference Information>

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	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.

Reduced Weights Rating Charts
Crane Boom Lifting Capacities

Counterweight: 68.8 t
Without Carbody Weight

Unit: metric ton

Load 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	45.7	48.8	51.8	Boom length (m) \ Load radius (m)
4.6	4.6m/189.6													4.6
5.0	182.6	5.0m/182.2												5.0
5.5	174.9	174.5	5.5m/174.1											5.5
6.0	167.9	167.5	167.1	6.1m/166.7	6.6m/157.4									6.0
7.0	156.0	155.6	155.2	152.3	145.9	7.1m/135.2	7.7m/119.9							7.0
8.0	127.3	126.9	126.5	126.1	123.1	118.8	114.6	8.2m/107.8	8.7m/96.3					8.0
9.0	104.1	103.9	103.7	103.5	103.3	103.0	99.7	96.8	93.8	9.2m/87.8	9.8m/80.5			9.0
10.0	87.8	87.5	87.2	86.9	86.6	86.3	86.0	85.7	83.3	81.0	78.8	10.3m/74.4	10.8m/68.1	10.0
12.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.1	64.4	63.0	61.4	12.0
14.0	53.2	53.2	53.2	53.2	53.2	53.2	53.1	53.1	53.0	53.0	52.9	52.8	51.8	14.0
16.0	14.8m/49.2	44.2	44.2	44.1	44.1	44.0	43.9	43.9	43.8	43.7	43.6	43.5	43.3	16.0
18.0		17.5m/39.0	37.5	37.5	37.4	37.3	37.2	37.2	37.0	36.9	36.8	36.7	36.5	18.0
20.0			32.4	32.4	32.3	32.2	32.0	32.0	31.9	31.8	31.7	31.6	31.4	20.0
22.0			20.1m/32.1	28.4	28.3	28.2	28.0	28.0	27.9	27.8	27.6	27.5	27.3	22.0
24.0				22.7m/27.2	25.1	25.0	24.8	24.8	24.7	24.5	24.4	24.3	24.1	24.0
26.0					25.4m/23.1	22.3	22.2	22.2	22.0	21.9	21.7	21.6	21.4	26.0
28.0						28.0m/20.1	19.9	19.9	19.8	19.6	19.5	19.4	19.1	28.0
30.0							18.1	18.1	17.9	17.7	17.6	17.5	17.2	30.0
32.0							30.7m/17.5	16.5	16.2	16.1	15.9	15.8	15.6	32.0
34.0								33.3m/15.5	14.8	14.7	14.5	14.4	14.1	34.0
36.0									35.9m/13.7	13.5	13.2	13.2	12.9	36.0
38.0										12.4	12.1	12.1	11.8	38.0
40.0										38.6m/12.0	11.2	11.1	10.8	40.0
42.0											41.2m/10.6	10.2	10.0	42.0
44.0												43.9m/9.4	9.2	44.0
46.0													8.4	46.0
48.0													46.5m/8.2	48.0
50.0														50.0
52.0														52.0
54.0														54.0
56.0														56.0
Reeves	16	14	14	14	12	12	10	8	8	7	6	6	6	Reeves

Load radius (m) \ Boom length (m)	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2						Boom length (m) \ Load radius (m)
10.0	11.4m/63.3	11.9m/59.0												10.0
12.0	59.9	58.4	12.4m/54.7	12.9m/51.2	13.5m/48.1									12.0
14.0	50.6	49.4	48.4	47.3	46.2	14.0m/45.1	14.5m/42.2	15.1m/39.7						14.0
16.0	43.2	42.6	41.7	40.8	39.9	38.9	38.1	37.2						16.0
18.0	36.4	36.2	36.1	35.6	34.8	34.0	33.3	32.5						18.0
20.0	31.3	31.1	30.9	30.8	30.7	30.0	29.4	28.7						20.0
22.0	27.2	27.0	26.9	26.8	26.6	26.4	26.1	25.4						22.0
24.0	24.0	23.7	23.6	23.5	23.3	23.1	22.9	22.7						24.0
26.0	21.3	21.0	20.9	20.8	20.6	20.4	20.2	20.1						26.0
28.0	19.0	18.8	18.7	18.5	18.3	18.1	18.0	17.9						28.0
30.0	17.1	16.9	16.7	16.6	16.4	16.2	16.0	15.9						30.0
32.0	15.5	15.2	15.1	15.0	14.8	14.5	14.4	14.3						32.0
34.0	14.0	13.8	13.7	13.5	13.3	13.1	12.9	12.8						34.0
36.0	12.8	12.5	12.4	12.3	12.0	11.8	11.7	11.5						36.0
38.0	11.7	11.4	11.3	11.1	10.9	10.7	10.5	10.4						38.0
40.0	10.7	10.4	10.3	10.1	9.9	9.7	9.5	9.4						40.0
42.0	9.8	9.5	9.4	9.3	9.0	8.8	8.6	8.5						42.0
44.0	9.0	8.7	8.6	8.5	8.2	8.0	7.8	7.6						44.0
46.0	8.3	8.0	7.9	7.8	7.5	7.2	7.0	6.8						46.0
48.0	7.6	7.4	7.3	7.1	6.8	6.5	6.3	6.1						48.0
50.0	49.1m/7.3	6.8	6.7	6.5	6.2	5.9	5.7	5.5						50.0
52.0		51.8m/6.2	6.1	5.9	5.6	5.3	5.1	4.9						52.0
54.0			5.6	5.4	5.1	4.8	4.6	4.3						54.0
56.0			54.4m/5.5	4.9	4.6	4.3	4.1	3.8						56.0
58.0				57.1m/4.6	4.1	3.8	3.6	3.3						58.0
60.0					59.7m/3.7	3.4	3.2	2.9						60.0
62.0						2.9	2.8							62.0
64.0						62.3m/2.9	2.4							64.0
66.0														66.0
68.0														68.0
70.0														70.0
Reeves	5	5	5	4	4	4	4	3						Reeves

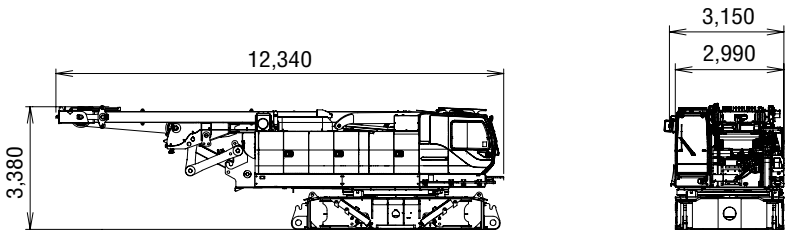
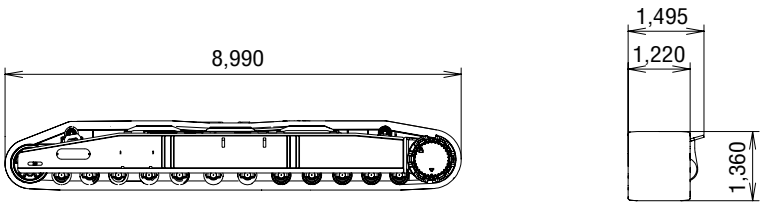
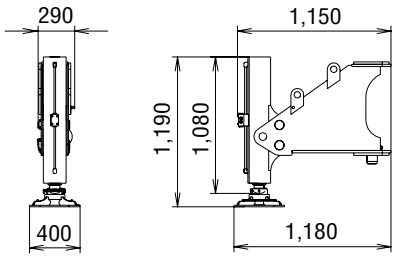
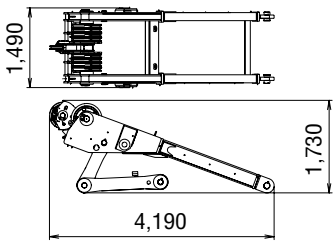
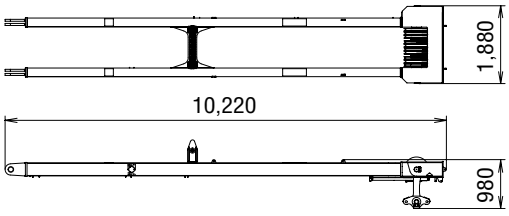
Note: Ratings according to EN13000.

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

Lifting capacities may vary depending on hook used or with/without auxiliary sheave.

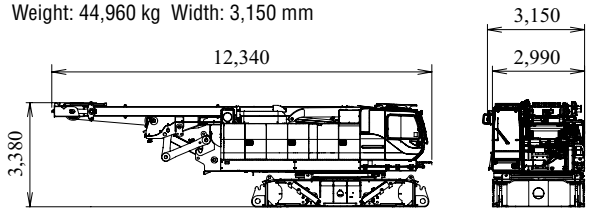
Please refer rated chart in operator's cabin.

TRANSPORTATION PLAN

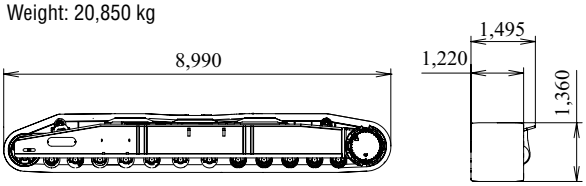
Name	Dimension	Weight (kg)
Base Machine • Gantry • Mast • Wire rope (Front / rear / boom hoist) • Without crawler		44,960
Crawler		20,850
Translifter		390
Gantry		3,038
Mast		3,320

PARTS AND ATTACHMENTS

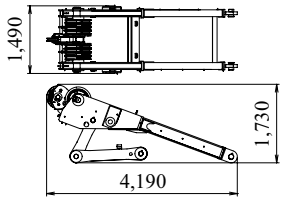
Base Machine
Gantry, Mast, Wire rope (Front/rear/boom hoist),
Without crawler
Weight: 44,960 kg Width: 3,150 mm



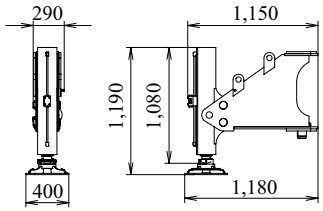
Crawler
Weight: 20,850 kg



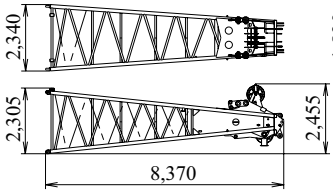
Gantry
Weight: 3,038 kg



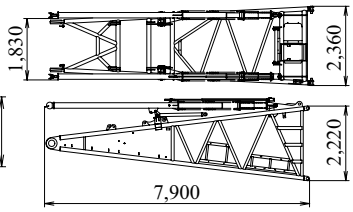
Translifter
Weight: 390 kg



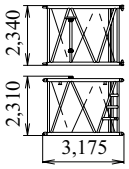
Boom Tip
Weight: 3,665 kg



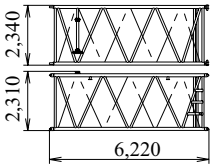
Boom Base
Weight: 4,665 kg



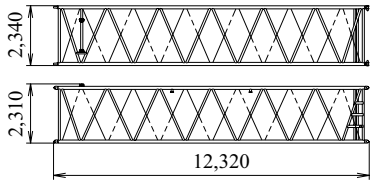
3.0 m
Boom Insert (with Guy Line)
Weight: 890 kg



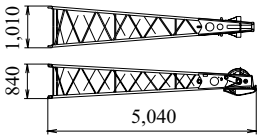
6.1 m
Boom Insert (with Guy Line)
Weight: 1,440 kg



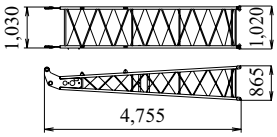
12.2 m
Boom Insert (with Guy Line)
Weight: 2,540 kg



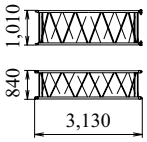
Jib Tip (for Crane)
Weight: 315 kg



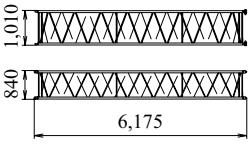
Jib Base (for Crane)
Weight: 210 kg



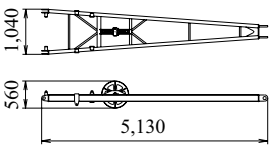
3.0 m
Jib Insert
Weight: 110 kg



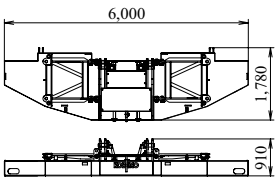
6.1 m
Jib Insert
Weight: 190 kg



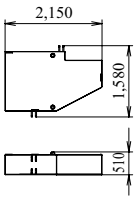
Jib Strut
Weight: 300 kg



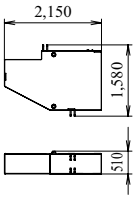
Counterweight (A)
with Hanger
Weight: 15,540 kg



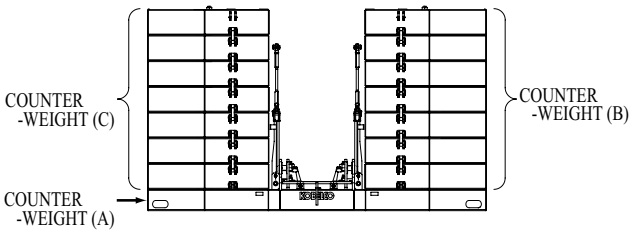
Counterweight (B)
Weight: 5,390 kg / 1 Piece



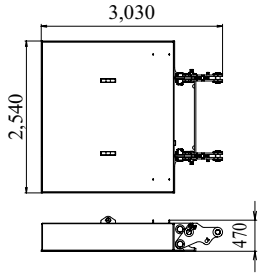
Counterweight (C)
Weight: 5,390 kg / 1 Piece



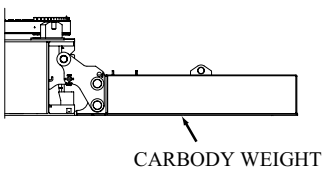
Counterweight Assy



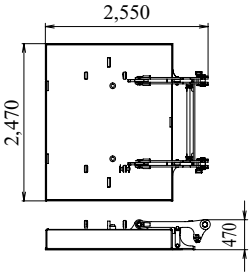
Carbody Weight (with Link)
Weight: 13,675 kg / 1 Piece



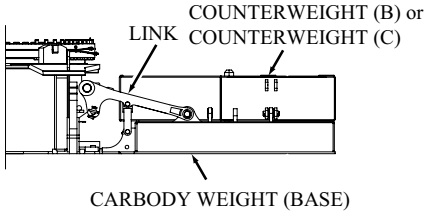
Carbody Weight Assy



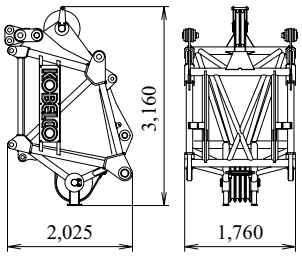
Carbody Weight (with Link)
(Base) (Option)
Weight: 8,270 kg / 1 Piece



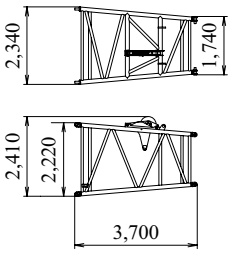
Carbody Weight Assy
(Option)



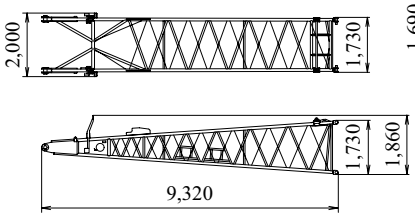
Luffing Boom Tip
Weight: 2,085 kg



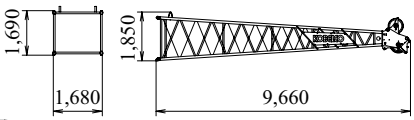
Luffing Taper Boom Insert
Weight: 1,190 kg



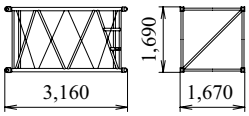
Luffing Jib Base
Weight: 1,470 kg



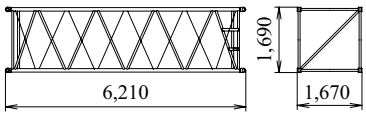
Luffing Jib Tip
Weight: 1,400 kg



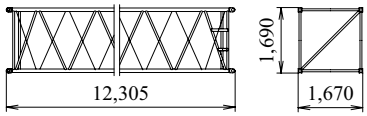
3.0 m Luffing Jib Insert
Weight: 320 kg



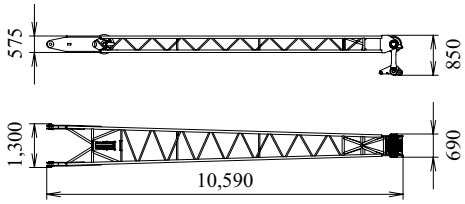
6.1 m Luffing Jib Insert
Weight: 530 kg



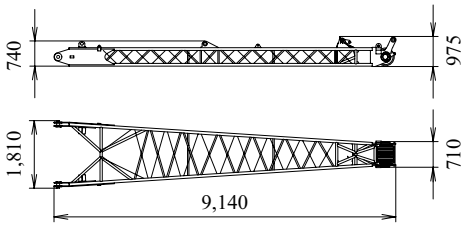
12.2 m Luffing Jib Insert
Weight: 960 kg



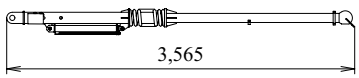
Front Strut (Luffing Jib)
Weight: 1,410 kg



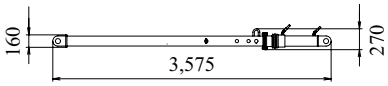
Rear Strut (Luffing Jib)
Weight: 1,510 kg



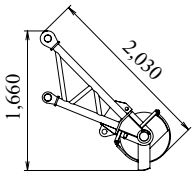
Luffing Jib Backstop
Weight: 260 kg



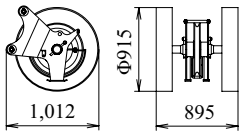
Strut Backstop (Luffing Jib)
Weight: 180 kg



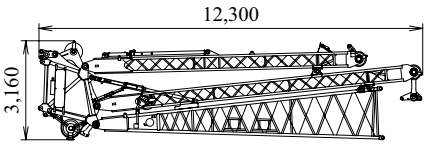
Aux. Sheave
Weight: 290 kg



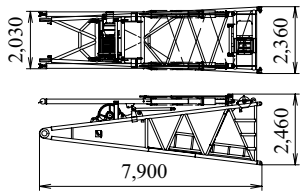
Aux. Sheave (for Luffing Jib)
Weight: 380 kg



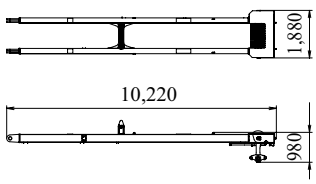
Luffing Boom Tip Assembly
Weight: 6,730 kg



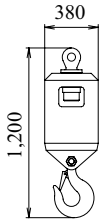
Boom Base (with Winch)
Weight: 6,810 kg



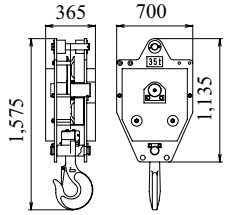
Mast
Weight: 3,320 kg



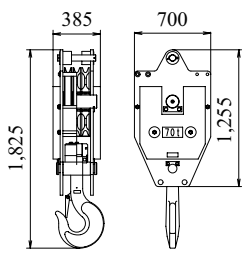
Ball Hook
Weight: 450 kg



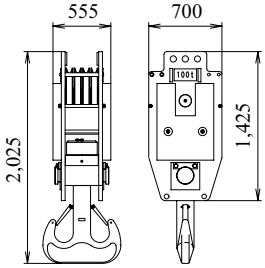
35 t Hook
Weight: 900 kg



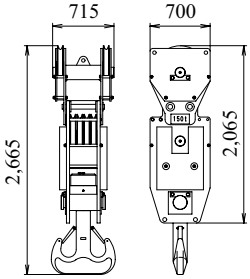
70 t Hook
Weight: 1,200 kg



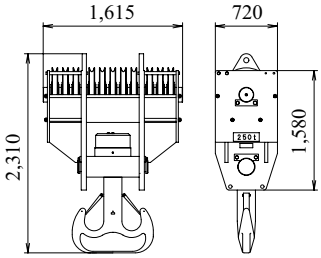
100 t Hook
Weight: 1,800 kg



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.

Copyright by KOBELCO CRANES CO., LTD. No part of this catalog may be reproduced in any manner without notice.

CE

KOBELCO CRANES CO., LTD.

17-1, Higashigotanda 2-chome, Shinagawa-ku,Tokyo 141-8626 JAPAN
Tel: +81-3-5789-2130 Fax: +81-3-5789-3372
URL: http://www.kobelco-cranes.com/

Inquiries To:

KOBELCO is the corporate mark used by Kobe Steel on a variety of products and in the names of a number of Kobe Steel Group companies.

Bulletin No. CKE2500G-SPEC-EU2

120301F Printed in Japan