

# Hydraulic Crawler Crane

# CKS

# 2500

Model : CKS2500

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

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

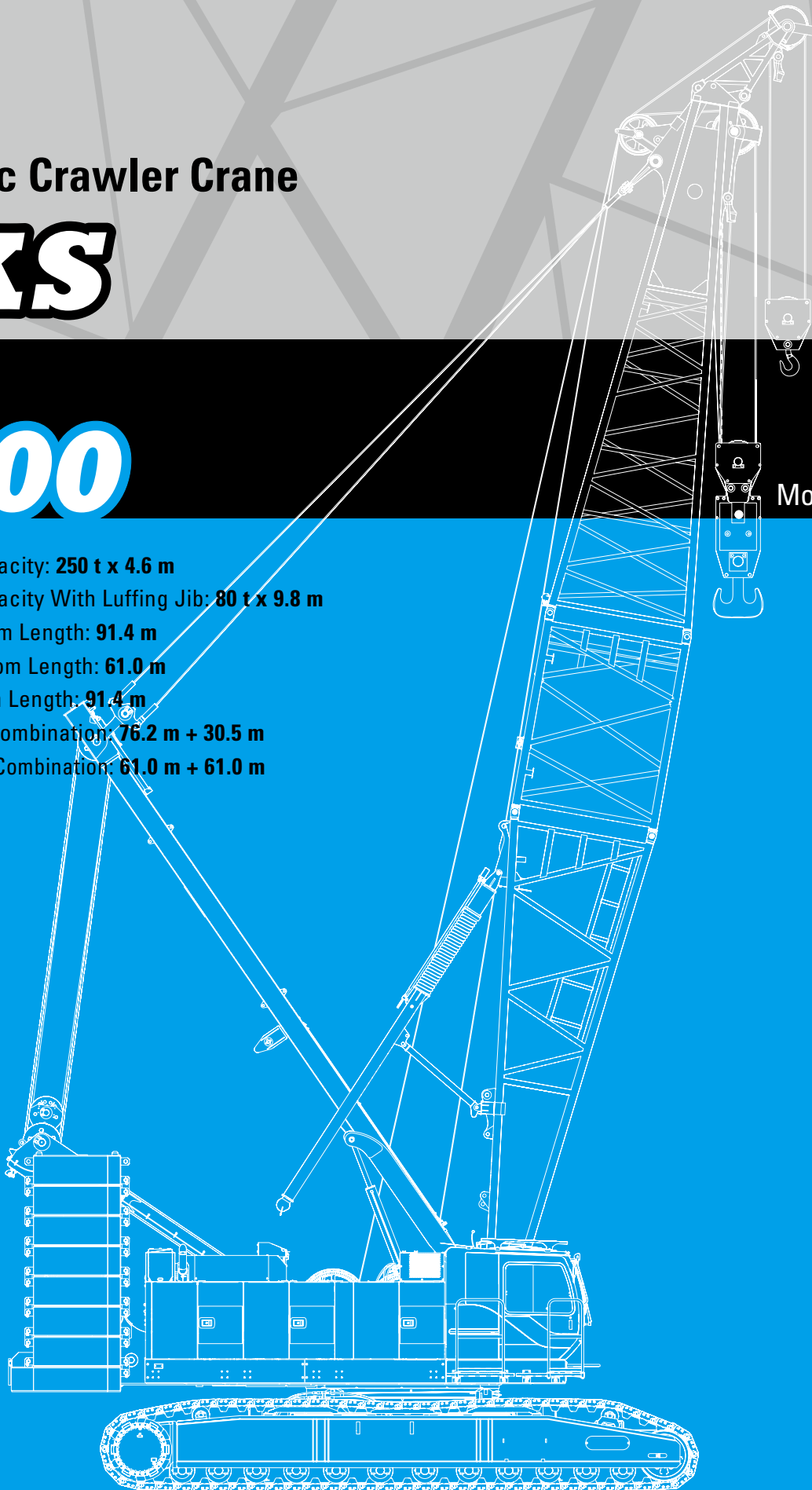
Max. Crane Boom Length: **91.4 m**

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



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# SPECIFICATIONS



## Power Plant

**Model:** HINO P11C-VH

**Type:** 4 cycle, water-cooled, vertical in-line 6, direct injection, turbo-charger, intercooler

**Displacement:** 10,520 liters

**Rated power:** 271 kW/1,850 min<sup>-1</sup>

**Max. Torque:** 1,470 N·m/1,400 min<sup>-1</sup>

**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<sup>-1</sup>



## Upper Structure

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

**Counterweight:** 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.

**Carbody weight:** 27.5 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 Jib	27.4 m + 12.2 m	76.2 m + 30.5 m

Main Specifications (Model: CKS2500)	
<b>Crane Boom</b>	
Max. Lifting Capacity	250 t x 4.6 m
Max. Length	91.4 m
<b>Fixed Jib</b>	
Max. Lifting Capacity	27.0 t x 10.4 m
Max. Combination	76.2 m + 30.5 m
<b>Long Boom</b>	
Max. Lifting Capacity	47.1 t/12.8 m
Max. Length	91.4 m
<b>Luffing Boom</b>	
Max. Lifting Capacity	150 t/ 7.0 m
Max. Length	61.0 m
<b>Luffing Jib</b>	
Max. Jib Length	61.0 m
Max. Combination	61.0 m + 61.0 m
<b>Main &amp; Aux. Winch</b>	
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)
<b>Working Speed</b>	
Swing Speed	2.2 min <sup>-1</sup> {rpm}
Travel Speed	1.0/0.5 km/h
<b>Power Plant</b>	
Model	HINO P11C-VH
Engine Output	271 kW / 1850 min <sup>-1</sup>
Fuel Tank	400 liters
<b>Hydraulic System</b>	
Main Pumps	4 variable displacement
Max. Pressure	32 MPa {326 kgf/cm <sup>2</sup> }
Hydraulic Tank Capacity	650 liters
<b>Self-Removal Device</b>	
	counterweight/crawler self-removal device
<b>Weight</b>	
Operating Weight	217 t *1
Ground Pressure	Approx. 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.

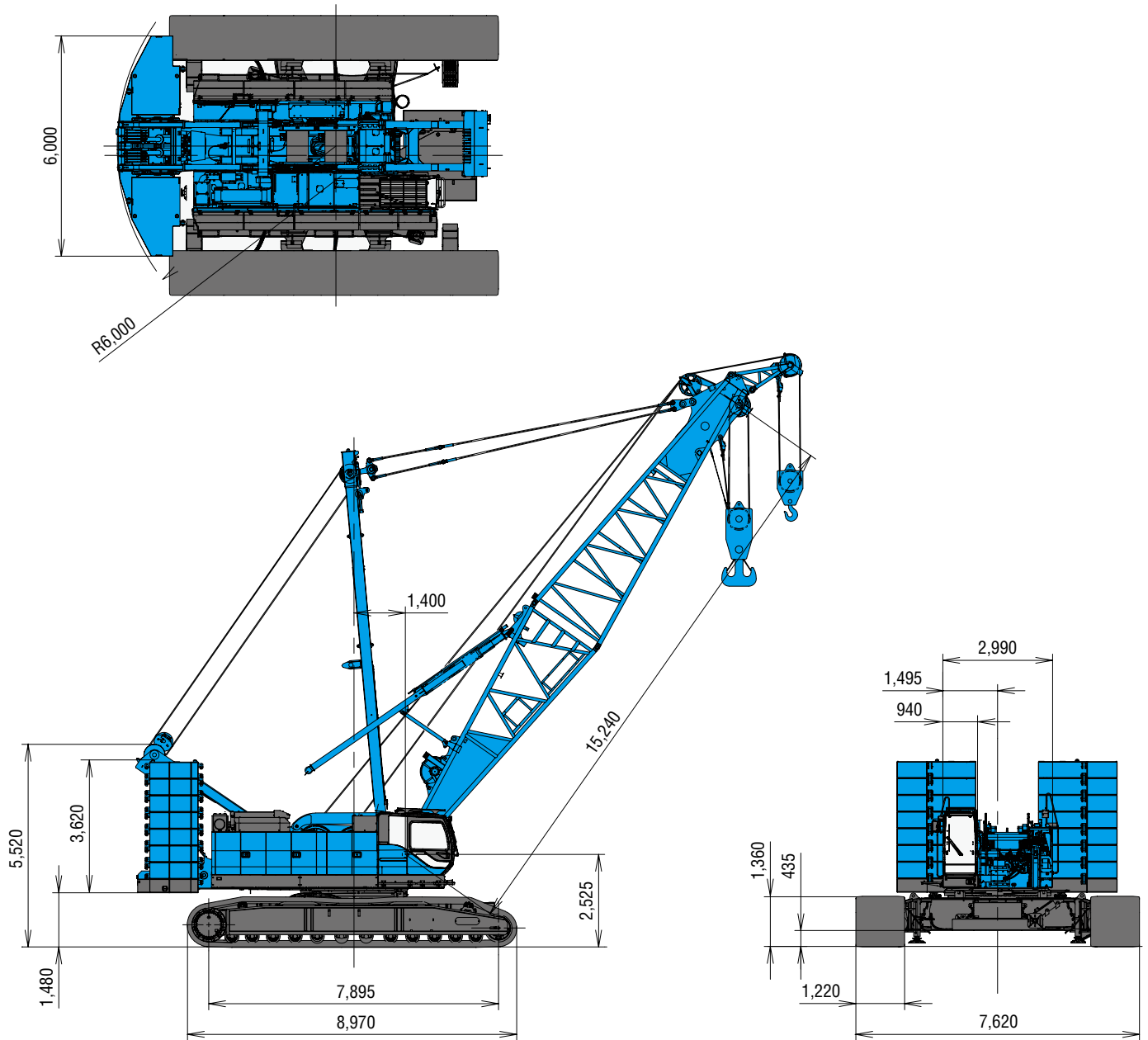
\*1 Including upper and lower machine, counterweight, carbody weight 15.2m boom, hook block, and other accessories.

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

# GENERAL DIMENSIONS

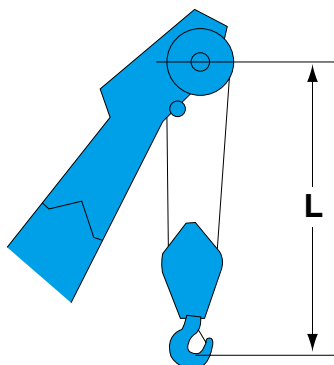
## Crane Boom

(Unit: mm)

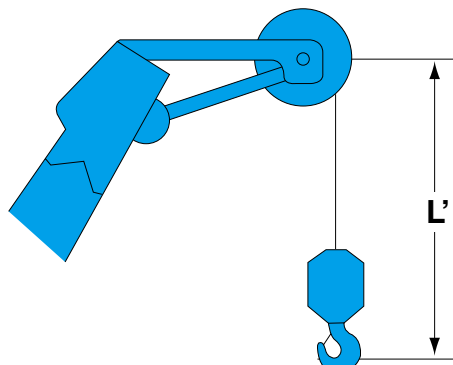


This catalog may contain photographs of machines with specifications, attachments and optional equipment.

## Limit of Hook Lifting



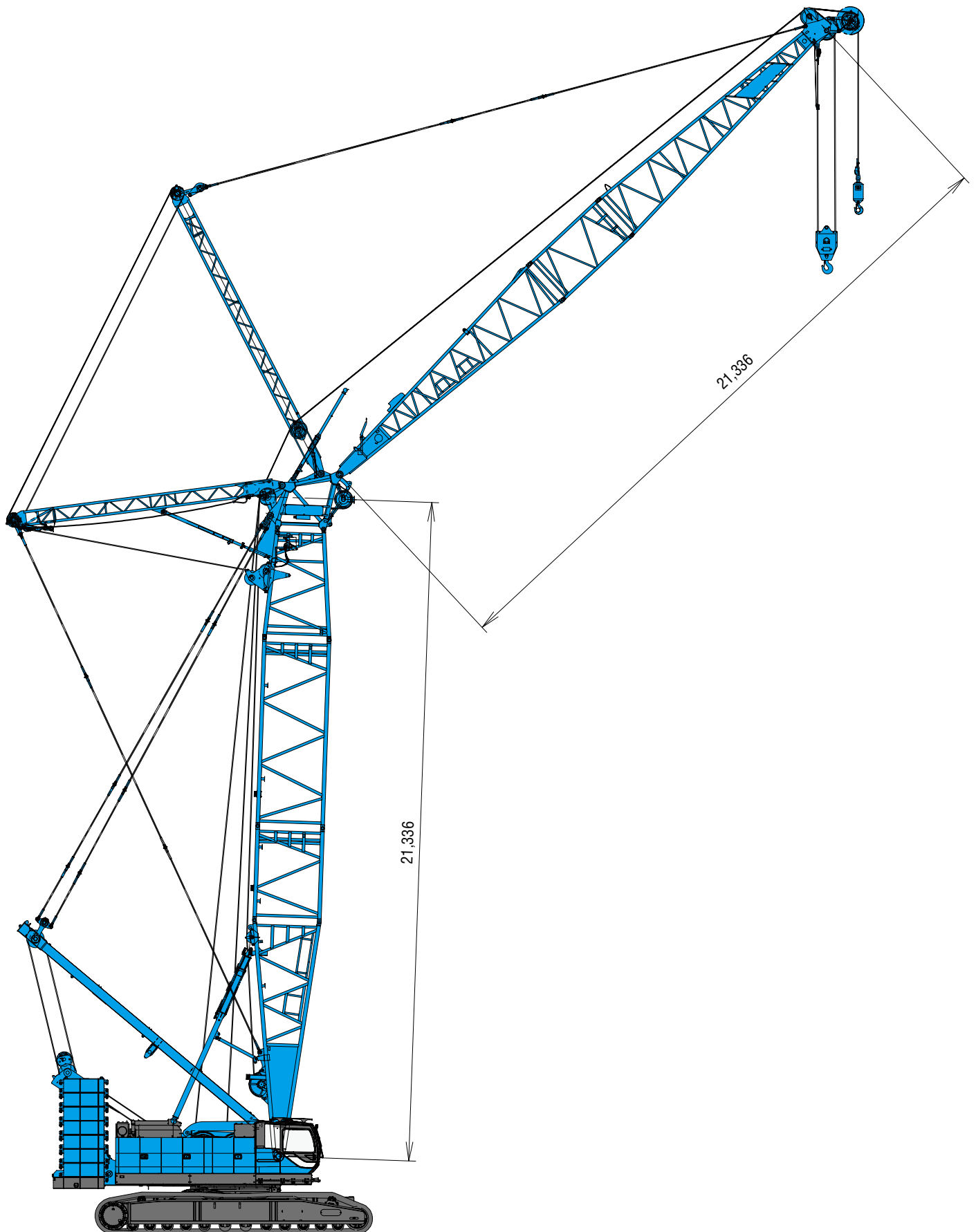
Hook	L
250 t hook	5.3 m
150 t hook	5.9 m
100 t hook	5.2 m
70 t hook	4.9 m
35 t hook	4.7 m



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

# Luffing Jib

(Unit: mm)



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

# BOOM AND JIB ARRANGEMENTS

## Crane Boom Arrangements

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

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

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

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

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

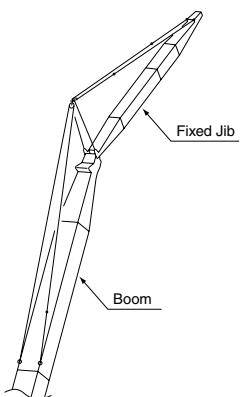


# Long Boom Arrangements

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

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

# Fixed Jib Arrangements



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

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

# BOOM AND JIB ARRANGEMENTS

## Luffing Boom Arrangements for Luffing

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

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

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

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

## Luffing Boom Arrangements for Crane

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

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

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

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

# Luffing Jib Arrangements

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

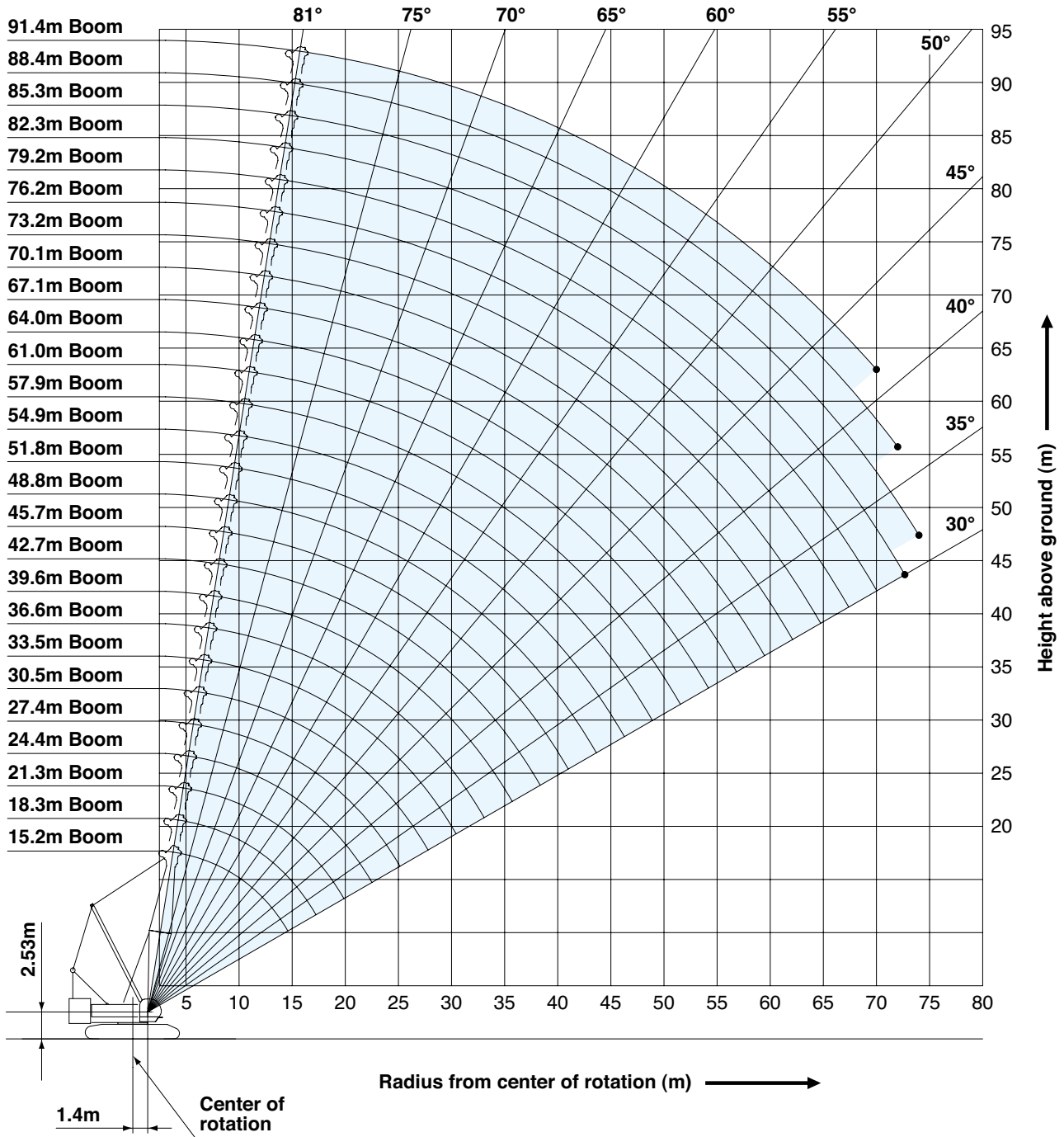
Jib length m (ft)	Jib arrangement
48.8 (160)	※
51.8 (170)	※
54.9 (180)	※
57.9 (190)	※
61.0 (200)	※

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

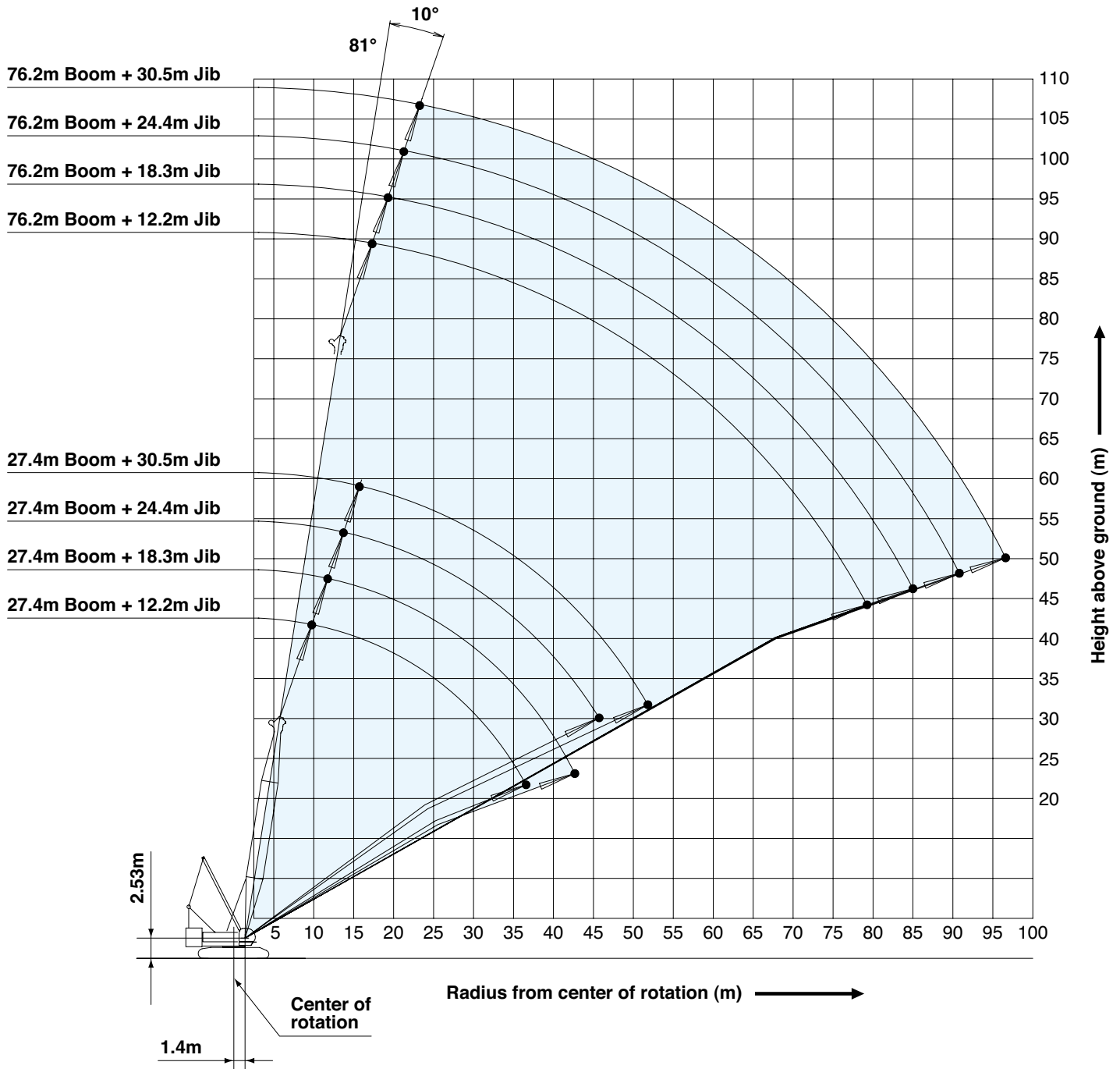
※ Indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.

# WORKING RANGES

## Crane Boom

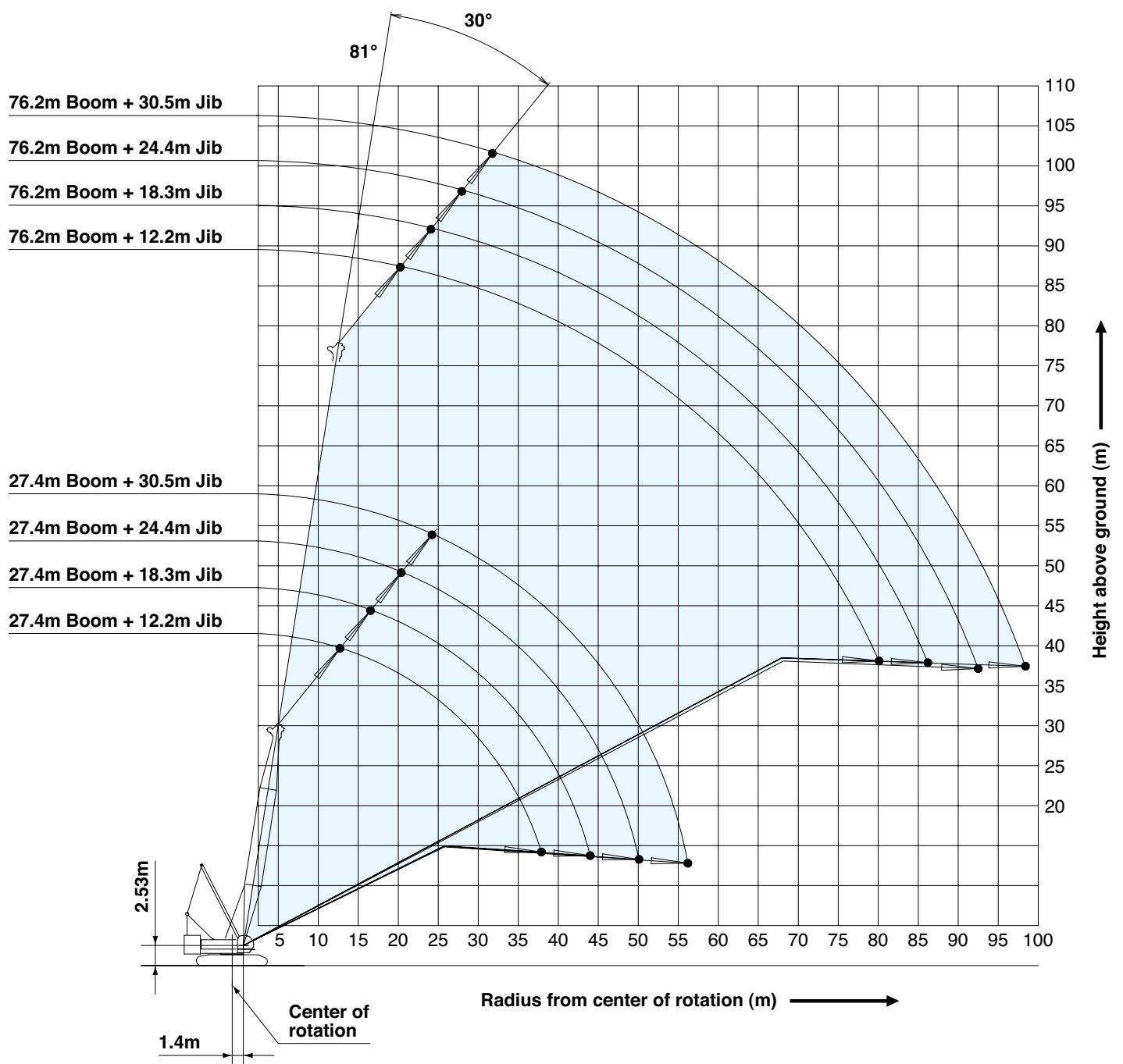


# Fixed Jib 10°



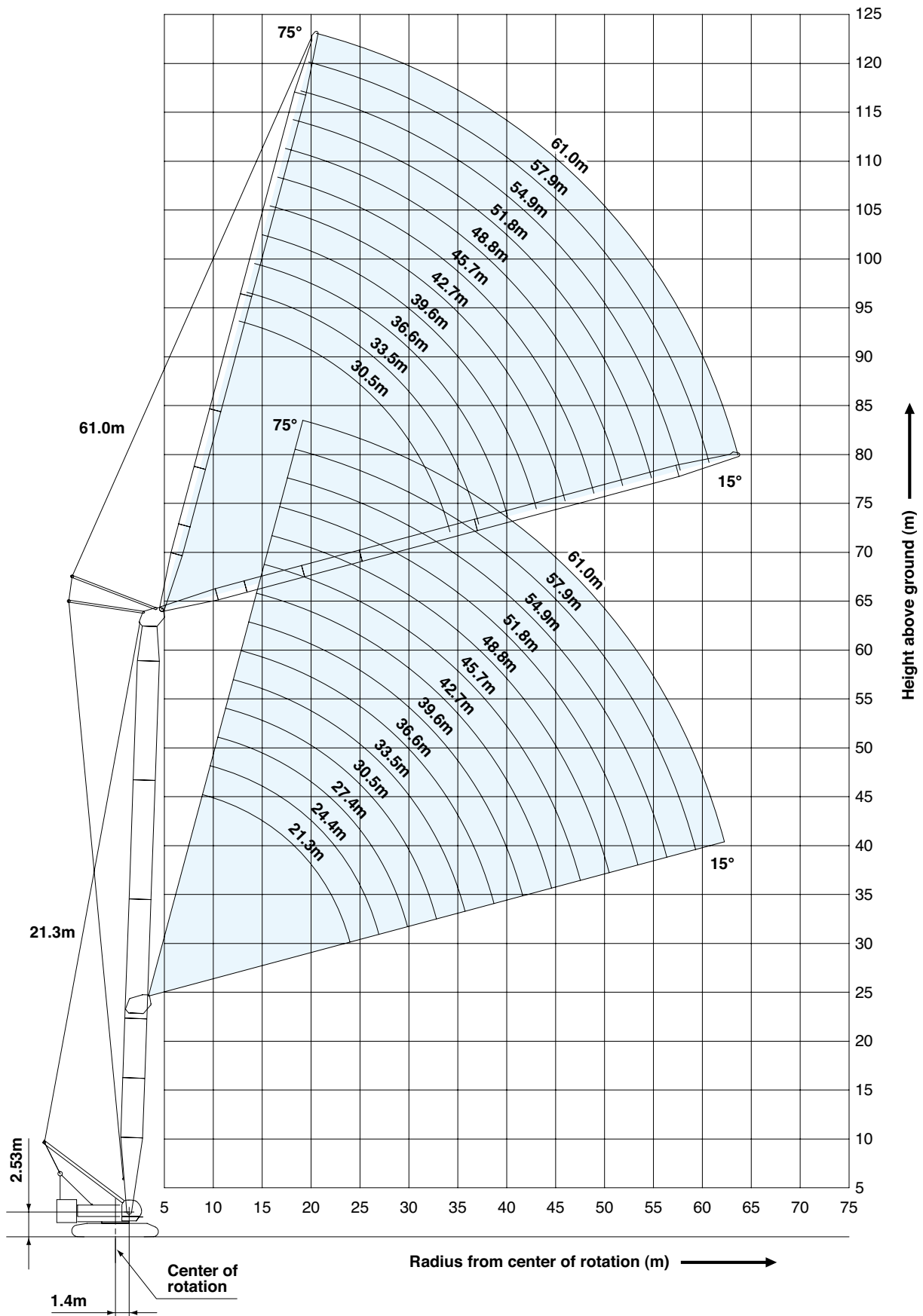
# WORKING RANGES

## Fixed Jib 30°



# Luffing Jib

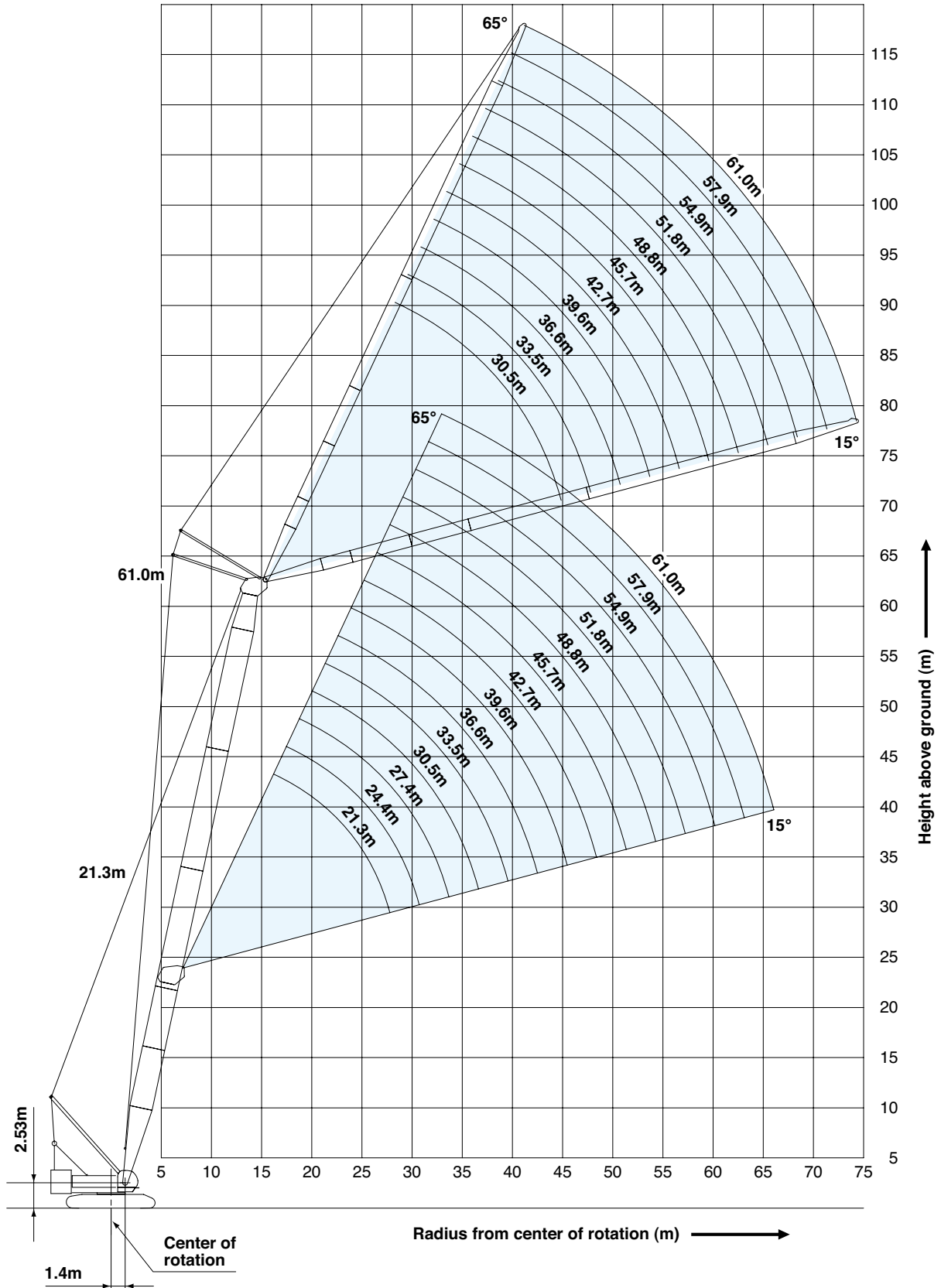
Boom Angle:  $88^\circ$



# WORKING RANGES

## Luffing Jib

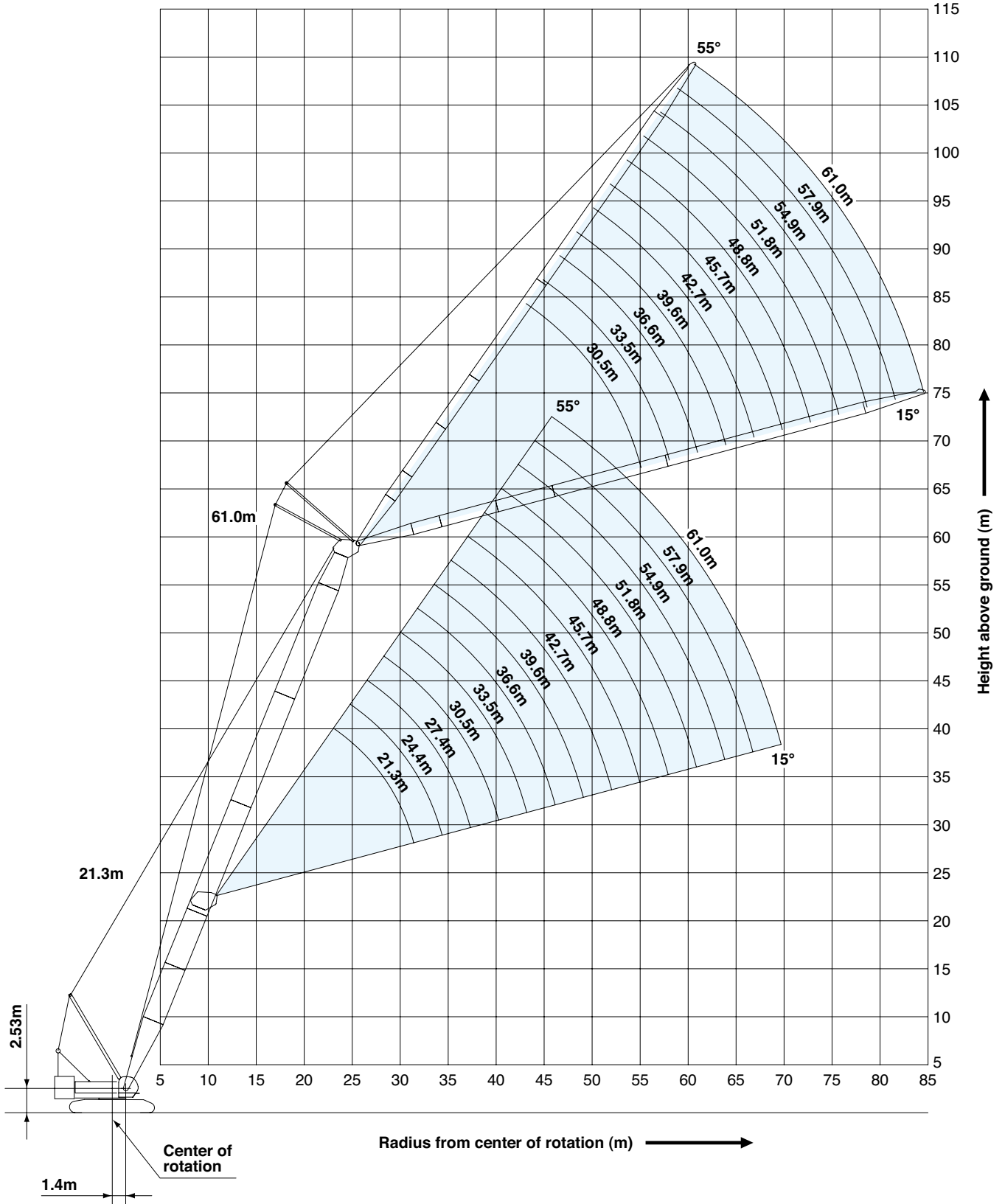
Boom Angle: 78°





# Luffing Jib

Boom Angle:  $68^\circ$



- 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 shown 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)													Working radius (m)
	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	
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	40.0
42.0												41.2m/15.7	15.2	42.0
44.0													43.9m/14.2	44.0
46.0														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)													Working radius (m)
	54.9	57.9	61.0	64.0	67.1	70.1	73.2	76.2	79.3	82.3	85.3	88.4	91.4	
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.

# LIFTING CAPACITIES



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

Counterweight: 90.4 t  
Carbody Weight: 27.5 t

Unit: metric ton

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

Boom length (m)		36.6				39.6				42.7				Boom length (m)
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)
Working Radius (m)	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

Boom length (m)		45.7				48.8				51.8				Boom length (m)
Jib length (m)		12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	12.2	18.3	24.4	30.5	Jib length (m)
Working Radius (m)	12.0	13.6m/26.5												12.0
	14.0	26.3	15.7m/21.2			14.1m/26.5				14.7m/26.5				14.0
	16.0	25.4	21.0	17.8m/12.1		25.7	16.2m/21.2			25.9	16.8m/21.2			16.0
	18.0	24.6	20.2	12.1	19.9m/6.7	24.9	20.5	18.3m/12.1		25.1	20.7	18.8m/12.1		18.0
	20.0	23.8	19.5	11.6	6.7	24.1	19.7	11.8	20.4m/6.7	24.4	19.9	11.9	20.9m/6.8	20.0
	22.0	23.0	18.8	11.3	6.4	23.2	19.0	11.4	6.5	23.5	19.3	11.5	6.6	22.0
	24.0	22.2	18.1	10.9	6.2	22.4	18.4	11.0	6.3	22.8	18.6	11.1	6.3	24.0
	26.0	21.5	17.5	10.5	5.9	21.6	17.8	10.7	6.0	22.1	18.1	10.8	6.1	26.0
	28.0	20.7	17.0	10.2	5.7	20.9	17.3	10.4	5.8	21.5	17.5	10.5	5.9	28.0
	30.0	20.0	16.5	9.9	5.5	20.3	16.8	10.1	5.6	20.9	17.0	10.2	5.7	30.0
	32.0	19.3	16.0	9.6	5.3	19.7	16.3	9.8	5.4	20.3	16.6	9.9	5.5	32.0
	34.0	18.6	15.6	9.3	5.1	19.1	15.8	9.5	5.2	19.7	16.1	9.6	5.3	34.0
	36.0	17.8	14.8	9.0	5.0	18.5	15.3	9.2	5.0	19.2	15.7	9.3	5.1	36.0
	38.0	17.1	14.0	8.8	4.8	17.8	14.6	8.9	4.9	17.7	15.1	9.1	5.0	38.0
	40.0	16.3	13.4	8.5	4.6	16.7	13.9	8.7	4.7	16.4	14.4	8.8	4.8	40.0
	42.0	15.5	12.8	8.3	4.5	15.5	13.3	8.5	4.6	15.2	13.8	8.6	4.7	42.0
	44.0	14.6	12.3	8.1	4.4	14.4	12.8	8.2	4.5	14.1	13.2	8.4	4.5	44.0
	46.0	13.6	11.8	7.9	4.2	13.4	12.3	8.0	4.3	13.1	12.7	8.2	4.4	46.0
	48.0	12.7	11.4	7.7	4.1	12.5	11.8	7.8	4.2	12.2	12.2	8.0	4.3	48.0
	50.0	11.9	11.0	7.5	4.0	11.7	11.4	7.7	4.1	11.4	11.8	7.8	4.2	50.0
	52.0	11.2	10.6	7.3	3.9	11.0	11.0	7.5	4.0	10.7	11.1	7.6	4.1	52.0
	54.0	53.0m/10.9	10.3	7.2	3.8	10.3	10.7	7.3	3.9	10.0	10.4	7.5	4.0	54.0
	56.0		10.0	7.0	3.8	55.6m/9.8	10.0	7.2	3.8	9.4	9.8	7.3	3.9	56.0
	58.0		9.7	6.9	3.7		9.5	7.0	3.7	8.8	9.2	7.2	3.8	58.0
	60.0		58.7m/9.6	6.8	3.6		8.9	6.9	3.7	58.3m/8.7	8.6	7.1	3.7	60.0
	62.0			6.7	3.5		61.4m/8.6	6.8	3.6		8.1	6.9	3.7	62.0
	64.0			6.6	3.4			6.7	3.5		64.0m/7.7	6.8	3.6	64.0
	66.0			64.4m/6.5	3.4			6.6	3.5			6.7	3.5	66.0
68.0				3.3			67.1m/6.5	3.4			6.6	3.5	68.0	
70.0				3.1				3.4			69.7m/6.5	3.4	70.0	
72.0				70.2m/3.1				3.2				3.4	72.0	
74.0								72.8m/3.1				3.2	74.0	
76.0												75.4m/3.0	76.0	
<b>Reeves</b>	2	2	1	1	2	2	1	1	2	2	1	1	<b>Reeves</b>	

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.

# LIFTING CAPACITIES



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

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)	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

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.

# LIFTING CAPACITIES



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

Counterweight: 90.4 t  
Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		73.2				76.2						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)	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)
Working Radius (m)	14.0	14.1m/19.3				14.6m/19.3				15.2m/19.3				14.0
	16.0	18.7				18.9				19.0				16.0
	18.0	17.9	18.0m/13.5			18.3	18.6m/13.5			18.5	19.1m/13.5			18.0
	20.0	16.8	13.5	21.9m/8.2		17.3	13.5			17.7	13.5			20.0
	22.0	15.9	13.1	8.2		16.4	13.2	22.5m/8.2		16.8	13.4	23.0m/8.1		22.0
	24.0	15.2	12.6	7.9	25.9m/4.4	15.6	12.9	8.0		16.0	13.0	8.0		24.0
	26.0	14.5	12.0	7.6	4.4	14.9	12.3	7.7	26.4m/4.4	15.4	12.6	7.8	26.9m/4.4	26.0
	28.0	13.9	11.4	7.4	4.2	14.4	11.7	7.5	4.3	14.8	12.0	7.6	4.3	28.0
	30.0	13.4	10.9	7.2	4.1	13.8	11.2	7.3	4.1	14.2	11.5	7.3	4.2	30.0
	32.0	13.0	10.4	7.0	3.9	13.4	10.7	7.1	4.0	13.8	11.0	7.2	4.0	32.0
	34.0	12.7	10.0	6.8	3.8	13.0	10.3	6.9	3.9	13.4	10.6	7.0	3.9	34.0
	36.0	12.5	9.7	6.6	3.7	12.7	10.0	6.7	3.8	13.0	10.3	6.8	3.8	36.0
	38.0	37.9m/12.4	9.4	6.5	3.7	12.5	9.7	6.6	3.7	12.7	9.9	6.7	3.7	38.0
	40.0		9.2	6.3	3.6	12.4	9.4	6.4	3.6	12.5	9.6	6.5	3.7	40.0
	42.0		9.0	6.2	3.5	40.5m/12.4	9.2	6.3	3.5	12.4	9.4	6.4	3.6	42.0
	44.0		44.0m/8.9	6.2	3.4		9.0	6.2	3.5	43.2m/12.4	9.2	6.3	3.5	44.0
	46.0			6.1	3.3		8.9	6.1	3.4		9.0	6.2	3.4	46.0
	48.0			6.1	3.3		46.6m/8.9	6.1	3.3		8.9	6.1	3.4	48.0
	50.0			6.1	3.3			6.1	3.3		49.3m/8.9	6.1	3.3	50.0
	52.0			50.1m/6.1	3.2			6.1	3.3			6.1	3.3	52.0
54.0				3.0			52.7m/6.1	3.2			6.1	3.3	54.0	
56.0				2.9				3.0			55.4m/6.1	3.2	56.0	
58.0				56.2m/2.8				2.9				3.0	58.0	
60.0								58.8m/2.8				2.9	60.0	
62.0												61.4m/2.7	62.0	
Reeves	2	1	1	1	2	1	1	1	2	1	1	1	Reeves	

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



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

Counterweight: 90.4 t  
Carbody Weight: 27.5 t

Unit: metric ton

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

Note: Ratings according to EN13000.

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

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



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

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

Boom length (m)		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)	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)	
	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
<b>Reeves</b>		4	4	4	4	4	3	3	2	2	2		<b>Reeves</b>

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)										Working radius (m)	
	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7		
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)						Working radius (m)
	45.7	48.8	51.8	54.9	57.9	61.0	
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.

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

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

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

### For Main Boom Hook

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

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

### For Jib Hook

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

### For Auxiliary Sheave

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

Weight of hook block						
Hook Block	250 t	150 t	100 t	70 t	35 t	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.







51.8m Boom Length	51.8															Boom length (m)
	Boom length (m)															Boom length (m)
Working radius (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	

54.9m Boom Length	54.9															Boom length (m)
	Boom length (m)															Boom length (m)
Working radius (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	36.2	34.9	34.0	32.8	31.7	31.3	30.4	29.7	28.6	27.2	26.2	24.8	23.5	18.0	
20.0	30.4	29.4	28.4	27.4	26.3	25.3	24.9	24.1	23.4	22.3	21.0	20.1	18.7	17.5	20.0	
22.0	25.2	24.2	23.2	22.3	21.2	20.2	19.8	19.0	18.4	17.4	16.1	15.2	13.9	12.7	22.0	
24.0	21.0	20.0	19.0	18.2	17.1	16.2	15.8	15.0	14.4	13.4	12.2	11.4	10.1	9.0	24.0	
26.0	17.5	16.5	15.6	14.7	13.7	12.8	12.5	11.7	11.1	10.2	9.0	8.2	7.0	5.9	26.0	
28.0	14.6	13.7	12.8	12.0	11.0	10.1	9.8	9.1	8.5	7.5	6.4	5.6			28.0	
30.0	12.1	11.2	10.3	9.5	8.6	7.7	7.4	6.7	6.1	5.2					30.0	
32.0	10.0	9.1	8.2	7.5	6.5	5.7	5.4								32.0	
34.0	8.2	7.3	6.4	5.7											34.0	
36.0	6.6	5.8	4.9												36.0	
38.0	5.2														38.0	
Reeves	4	4	4	4	4	4	4	4	4	4	3	3	3	3	Reeves	

57.9m Boom Length	57.9															Boom length (m)
	Boom length (m)															Boom length (m)
Working radius (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	

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

21.3m Boom Length

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

Working radius (m)

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

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 aWeight: 27.5 t

Unit: metric ton

21.3m Boom Length	21.3																		Boom length (m)		
	36.6						39.6						42.7						Jib length (m)		
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)		
Working radius (m)	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	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	

21.3m Boom Length	21.3												Boom length (m)	
	45.7						48.8						Jib length (m)	
	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)	
Working radius (m)	16.0	29.4											16.0	
	18.0	28.7					24.4						18.0	
	20.0	28.1					23.8						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	14.9	15.9	16.6	16.4	16.0		44.0	
	46.0	13.3	15.8	16.0	15.5	15.1	14.0	15.3	15.9	15.5	15.1	14.7	46.0	
	48.0		14.0	15.1	14.7	14.3	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	

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



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody aWeight: 27.5 t

Unit: metric ton

21.3m Boom Length	21.3																	Boom length (m)				
	51.8						54.9						57.9					Jib length (m)				
	88		83	78	73	68	63	88		83	78	73	68	63	88		83	78	73	68	63	Boom angle (deg)
Working radius (m)	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	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	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	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	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	9.8		60.0	
62.0						9.3				8.6	9.3	9.6			8.1	8.8	9.1	9.4	9.4		62.0	
64.0												9.1				8.1	8.7	9.0	9.0		64.0	
66.0																	8.0	8.6	8.6		66.0	
68.0																		8.0	8.0		68.0	
Reeves			2						2						2						Reeves	

21.3		61.0						21.3	
Jib length (m)		61.0						Jib length (m)	
88		83	78	73	68	63	88		
Working radius (m)	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		

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

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

24.4m Boom Length	Boom length (m)	24.4														Boom length (m)				
	Jib length (m)	36.6						39.6						42.7				Jib length (m)		
	Boom angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)
Working radius (m)	14.0	47.7																		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	

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

Note: Ratings according to EN13000.

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

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	24.4																	Boom length (m)		
	51.8						54.9						57.9					Jib length (m)		
	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

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

27.4m Boom Length	27.4																		Boom length (m)		
	21.3						24.4						27.4						Jib length (m)		
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)		
Working radius (m)	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	

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

Note: Ratings according to EN13000.

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

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	27.4																		Boom length (m)	
	36.6						39.6						42.7						Jib length (m)	
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)	
Working radius (m)	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	17.1	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)	27.4												Boom length (m)	
	45.7						48.8						Jib length (m)	
	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	15.5	15.7	15.1	14.6		46.0	
	48.0		15.0	14.8	14.3	13.8	13.5	14.9	14.8	14.3	13.8	13.3	48.0	
	50.0		13.0	14.1	13.6	13.1	12.6	11.8	14.4	14.1	13.5	13.1	12.6	50.0
	52.0			13.4	12.9	12.4	12.0	12.9	13.3	12.9	12.4	11.9	52.0	
	54.0				12.3	11.8	11.4		12.7	12.2	11.8	11.3	54.0	
	56.0					11.3	10.8			11.6	11.2	10.8	56.0	
	58.0						10.3				10.7	10.3	58.0	
	60.0										10.2	9.8	60.0	
	62.0											9.4	62.0	
	Reeves				3				2				Reeves	

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

27.4m Boom Length	27.4																		Boom length (m)
	51.8						54.9						57.9						Jib length (m)
	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

27.4m Boom Length	27.4						Boom length (m)
	61.0						Jib length (m)
	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	56.0	
58.0	8.0	8.3	8.5	8.8	9.0	58.0	
60.0	7.6	7.9	8.2	8.5	8.7	60.0	
62.0	7.3	7.6	7.9	8.1	8.4	62.0	
64.0		7.3	7.6	7.8	8.1	64.0	
66.0			7.2	7.5	7.8	66.0	
68.0				7.2	7.5	68.0	
70.0					7.1	70.0	
72.0					6.5	72.0	
74.0						6.5	74.0
Reeves			2			Reeves	

Note: Ratings according to EN13000.

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

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															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										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.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

30.5m Boom Length	30.5																			Boom length (m)
	36.6						39.6						42.7						Jib length (m)	
	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	

30.5m Boom Length	30.5													Boom length (m)
	45.7						48.8						Jib length (m)	
	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	

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	30.5																		Boom length (m)
	51.8						54.9						57.9						Jib length (m)
	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

30.5m Boom Length	30.5						Boom length (m)
	61.0						Jib length (m)
	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

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



## 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)		
Working radius (m)	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	

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

Note: Ratings according to EN13000.

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

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	33.5																		Boom length (m)		
	36.6						39.6						42.7						Jib length (m)		
	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																		11.5	10.9	54.0	
56.0																			10.9	10.4	56.0
58.0																				9.9	58.0
Reeves				4						3						3					Reeves

33.5m Boom Length	33.5												Boom length (m)	
	45.7						48.8						Jib length (m)	
	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	62.0
64.0													8.5	64.0
Reeves				3						2				Reeves

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

33.5m Boom Length	33.5																		Boom length (m)
	51.8						54.9						57.9						Jib length (m)
	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													Reeves

33.5																		Boom length (m)
61.0												Jib length (m)						
88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)
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

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

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

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



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

36.6m Boom Length	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)
Working radius (m)	18.0	28.8						24.5						18.0
	20.0	28.1						23.9						20.0
	22.0	27.6						23.4						22.0
	24.0	27.0	27.9					22.9						24.0
	26.0	26.6	27.4					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	

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	36.6																		Boom length (m)
	51.8						54.9						57.9						Jib length (m)
	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

36.6m Boom Length	36.6						Boom length (m)	
	61.0						Jib length (m)	
	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	7.2	66.0	
68.0				6.6	7.0	7.3	6.8	68.0
70.0					6.6	6.9	6.5	70.0
72.0					6.0	6.4	6.2	72.0
74.0						5.9	5.9	74.0
76.0							5.6	76.0
78.0							5.4	78.0
Reeves			2					Reeves

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

39.6m Boom Length	39.6																		Boom length (m)
	21.3						24.4						27.4						Jib length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)
Working radius (m)	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	

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

Note: Ratings according to EN13000.

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

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	39.6																		Boom length (m)			
	36.6						39.6						42.7						Jib length (m)			
	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

39.6m Boom Length	39.6												Boom length (m)		
	45.7						48.8						Jib length (m)		
	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												8.8	8.3	62.0	
64.0													8.4	7.9	64.0
66.0														7.5	66.0
Reeves					3					2					Reeves

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

39.6m Boom Length	Boom length (m)	39.6														Boom length (m)				
	Jib length (m)	51.8						54.9						57.9				Jib length (m)		
	Boom angle (deg)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)
Working radius (m)	20.0	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													Reeves	

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

Note: Ratings according to EN13000.

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

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	42.7																		Boom length (m)
	21.3						24.4						27.4						Jib length (m)
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)
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

42.7m Boom Length	42.7												Boom length (m)						
	30.5						33.5						Jib length (m)						
	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)						
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.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

42.7m Boom Length	42.7																		Boom length (m)
	36.6						39.6						42.7						Jib length (m)
	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

42.7m Boom Length	42.7												Boom length (m)
	45.7						48.8						Jib length (m)
	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

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	42.7																		Boom length (m)	
	51.8						54.9						57.9						Jib length (m)	
	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	

42.7m Boom Length	42.7						Boom length (m)
	61.0						Jib length (m)
	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

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



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

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

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

Note: Ratings according to EN13000.

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

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	9.5	54.0
56.0						9.3					9.9	9.1			10.6	9.8	9.1	9.1	56.0
58.0						8.9					9.4	8.7				9.4	8.6	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												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.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

45.7m Boom Length	45.7																		Boom length (m)						
	51.8						54.9						57.9						Jib length (m)						
	88		83		78		73		68		63		88		83		78		73		68		63		Boom angle (deg)
20.0	22.4																							20.0	
22.0	22.1																								22.0
24.0	21.8																								24.0
26.0	21.5																								26.0
28.0	20.6	20.8																							28.0
30.0	19.6	19.8																							30.0
32.0	18.6	18.9																							32.0
34.0	17.6	17.9																							34.0
36.0	16.7	17.0	17.3																						36.0
38.0	15.8	16.1	16.4																						38.0
40.0	14.9	15.3	15.6																						40.0
42.0	14.0	14.5	14.8																						42.0
44.0	13.2	13.7	14.0	14.2																					44.0
46.0	12.4	12.9	13.3	13.3																					46.0
48.0	11.6	12.1	12.6	12.6																					48.0
50.0	10.8	11.4	11.9	11.9																					50.0
52.0	10.0	10.7	11.2	11.3	10.4																				52.0
54.0	9.2	10.0	10.5	10.7	9.8																				54.0
56.0		9.3	9.8	10.2	9.3																				56.0
58.0		8.5	9.2	9.6	8.9	8.1																			58.0
60.0			8.5	9.0	8.4	7.7																			60.0
62.0			7.9	8.4	8.0	7.3																			62.0
64.0				7.8	7.7	6.9																			64.0
66.0				7.2	7.3	6.6																			66.0
68.0					7.0	6.2																			68.0
70.0					6.6	5.9																			70.0
72.0						5.6																			72.0
74.0																									74.0
76.0																									76.0
78.0																									78.0
Reeves																									Reeves

45.7		61.0						45.7	
Jib length (m)		Jib length (m)						Jib length (m)	
88		83		78		73		88	
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									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

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

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

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



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

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

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

Note: Ratings according to EN13000.

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

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)

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)

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.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

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

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

Note: Ratings according to EN13000.

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

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	51.8																		Boom length (m)	
	36.6						39.6						42.7						Jib length (m)	
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)	
Working radius (m)	16.0	36.3					32.7												16.0	Working radius (m)
	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	

51.8m Boom Length	51.8												Boom length (m)	
	45.7						48.8						Jib length (m)	
	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)	
Working radius (m)	18.0	26.2					23.7						18.0	Working radius (m)
	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	

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



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

51.8m Boom Length	51.8																	Boom length (m)		
	51.8						54.9						57.9					Jib length (m)		
	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											19.2	20.0	
22.0	20.9						18.9						17.3					17.3	22.0	
24.0	20.6						18.6						17.0					17.0	24.0	
26.0	20.3						18.3						16.7					16.7	26.0	
28.0	20.0	20.5					18.0						16.4					16.4	28.0	
30.0	19.4	19.5					17.7	18.5					16.1	16.9				16.1	30.0	
32.0	18.4	18.6					16.9	17.8					15.3	16.0				15.3	32.0	
34.0	17.4	17.7					16.0	16.8					14.5	15.2				14.5	34.0	
36.0	16.5	16.8					15.2	15.9					13.8	14.4				13.8	36.0	
38.0	15.6	15.9	16.1				14.5	15.1	15.5				13.1	13.7				13.1	38.0	
40.0	14.7	15.1	15.3				13.8	14.4	14.8				12.5	13.0	13.6			12.5	40.0	
42.0	13.9	14.3	14.5				13.2	13.7	14.1				12.0	12.4	12.9			12.0	42.0	
44.0	13.1	13.5	13.7				12.6	13.1	13.4				11.5	11.9	12.3			11.5	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			11.0	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		10.5	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		10.1	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		9.7	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		9.3	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		8.3	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	7.3	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	6.4	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						4.5					5.2	4.3	74.0	
76.0						4.4							4.3				4.9	4.1	76.0	
78.0													4.1				4.7	3.9	78.0	
80.0																		3.7	80.0	
82.0																			3.5	82.0
Reeves			2						2						2				Reeves	

51.8m Boom Length	51.8						Boom length (m)
	61.0						Jib length (m)
	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	68.0	
70.0			5.9	6.1	5.6	70.0	
72.0			5.4	5.6	5.3	72.0	
74.0				5.2	5.0	74.0	
76.0				4.8	4.8	76.0	
78.0					4.5	78.0	
80.0					4.2	80.0	
82.0					3.3	82.0	
84.0					3.1	84.0	
Reeves			2			Reeves	

Note: Ratings according to EN13000.

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

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	54.9																		Boom length (m)					
	21.3						24.4						27.4						Jib length (m)					
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)					
Working radius (m)	12.0	40.5					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

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t  
Carbody Weight: 27.5 t

Unit: metric ton

54.9m Boom Length	54.9																		Boom length (m)	
	36.6						39.6						42.7						Jib length (m)	
	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

54.9m Boom Length	54.9												Boom length (m)	
	45.7						48.8						Jib length (m)	
	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

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	54.9																	Boom length (m)	
	51.8						54.9						57.9					Jib length (m)	
	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											18.7	20.0
22.0	20.3						18.5						16.8					16.8	22.0
24.0	20.0						18.3						16.6					16.6	24.0
26.0	19.7						18.0						16.4					16.4	26.0
28.0	19.4	20.3					17.8						16.2					16.2	28.0
30.0	19.1	19.4					17.6	18.2					16.0	16.5				16.0	30.0
32.0	18.3	18.4					16.9	17.6					15.2	16.0				15.2	32.0
34.0	17.3	17.5					16.0	16.8					14.4	15.1				14.4	34.0
36.0	16.4	16.6					15.2	15.9					13.7	14.4				13.7	36.0
38.0	15.5	15.8	15.9				14.4	15.1	15.3				13.1	13.7				13.1	38.0
40.0	14.6	14.9	15.1				13.8	14.3	14.6				12.5	13.0	13.5			12.5	40.0
42.0	13.8	14.1	14.3				13.1	13.6	13.9				11.9	12.4	12.9			11.9	42.0
44.0	13.0	13.4	13.6				12.5	13.0	13.2				11.4	11.8	12.2			11.4	44.0
46.0	12.2	12.6	12.9	12.4			12.0	12.4	12.6				10.9	11.3	11.7			10.9	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			10.5	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		10.0	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		9.6	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		8.6	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		7.6	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	6.6	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	5.7	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

54.9m Boom Length	54.9											Boom length (m)
	61.0						Jib length (m)					
	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					

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



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

57.9m Boom Length	57.9																		Boom length (m)				
	21.3						24.4						27.4						Jib length (m)				
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (deg)				
Working radius (m)	12.0	40.5					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

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

Note: Ratings according to EN13000.

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

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	57.9																		Boom length (m)
	36.6						39.6						42.7						Jib length (m)
	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	

57.9m Boom Length	57.9												Boom length (m)
	45.7						48.8						Jib length (m)
	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

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



## 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)																		
Working radius (m)	20.0	20.0						18.2												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)	
Working radius (m)	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	61.0																		Boom length (m)
	30.5						33.5						36.6						Jib length (m)
	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						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	

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

Note: Ratings according to EN13000.

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

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

Please refer rated chart in operator's cabin.

# LIFTING CAPACITIES



## Luffing Jib Lifting Capacities

Counterweight: 90.4 t

Carbody Weight: 27.5 t

Unit: metric ton

61.0m Boom Length	61.0																		61.0m Boom Length		
	45.7						48.8						51.8								
	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63			
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													4.5	3.5	74.0
76.0																				3.3	76.0
78.0																				3.1	78.0
80.0																				2.9	80.0
Reeves			2						2						2						Reeves

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

Note: Ratings according to EN13000.  
 Ratings shown in   are determined by the strength of the boom or other structural components.  
 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<sup>3</sup>) x specified gravity of material (ton/m<sup>3</sup>) + 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.

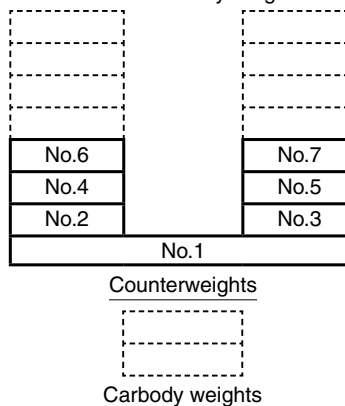
### <Reference Information>

#### Main hoist loads

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

#### Assembling the counterweight

47.3 ton counterweight  
without carbody weight



Counterweights

Carbody weights

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

# LIFTING CAPACITIES



## 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
<b>Reeves</b>	1	1	1	1	1	1			<b>Reeves</b>

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).

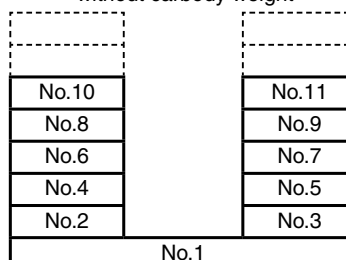
## (Crane boom lifting)

- 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.

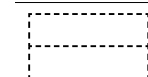
Counterweight	Carbody weight	Boom length	
		Without aux.	With aux.
68.8 ton	Without	15.2 m ~ 76.2 m	15.2 m ~ 73.2 m

## Assembling the counterweight

68.8 ton counterweight  
without carbody weight



Counterweights



Carbody weights

## <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



## 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	53.2	53.1	53.1	53.0	53.0	52.9	52.8	51.8		14.0
16.0	44.8m/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.



# SUPPLEMENTAL DATA FOR BARGE RATING CHART

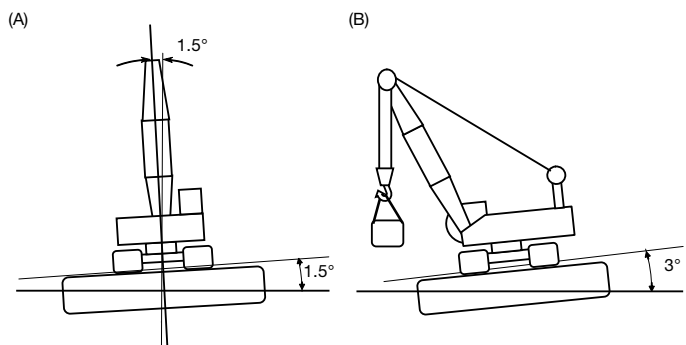
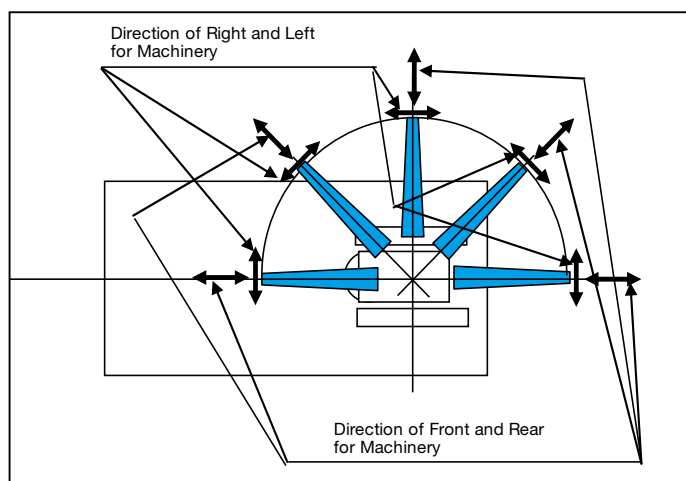
- Operating radius is the horizontal distance from centerline of rotation to a vertical line through the center of gravity of the load.
- Deduct weight of hook block (s), slings and all other load handling accessories from main boom ratings shown.
- Condition of barge stability this rating chart were determined under the condition below. The stability of barge shall meet below condition. During operation the machinery static inclination against horizontal level.

(A) Both sides (right & left) of machine

Maximum inclination shall be within 1.5 degrees

(B) Front & backward of machine

Maximum inclination shall be within 3.0 degrees



- Working area shall be inshore and smooth water.
- Applicable regulations for structure Japanese construction codes for mobile crane
- Regulation of class of shipping (abs, lloyd, by, nk, etc) are not adapted.
- 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).

- The machinery should be fastened to the deck of the barge to prevent tip over and sliding.
- Towing area  
Towing area shall be within coastal area and quiet wave condition. Offshore and open sea is not considered for this machinery. Depend on the height of wave, counterweight shall be reduced during towing.

## (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.

## <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
Maximum Loads (kN)	794	927	1,059	1,275
Maximum Loads (t)	81.0	94.5	108.0	130.0

### Auxiliary hoist loads

No. of Parts of Line	1	2
Maximum Loads (kN)	132	216
Maximum Loads (t)	13.5	22.0

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

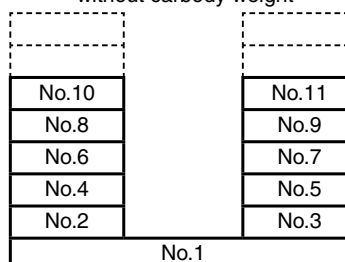
Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

- Counterweight shall be reduced to 68.8 ton, and carbody weight shall be removed.

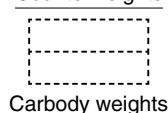
	On Barge	On Gound (Full c/w)
Boom Length	18.3 m to 54.9 m	15.2 m to 91.4 m
Counterweight	68.8 t	90.4 t
Carbody Weight	None (Removed)	27.5 t

## Assembling the counterweight

68.8 ton counterweight without carbody weight



Counterweights



Carbody weights

# LIFTING CAPACITIES



## Barge Raiting Chart Crane Boom Lifting Capacities

Counterweight: 68.8 t  
Without Carbody Weight  
Crawler Fully Extended  
Unit: metric tons

Load radius (m) \ Boom length (m)	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.7	45.7	48.8	51.8	54.9	Boom length (m) \ Load radius (m)
6.0	130.0	6.6m/114.0												6.0
7.0	109.0	107.2	7.3m/103.0											7.0
8.0	93.5	93.1	92.7	92.5	8.7m/82.5									8.0
9.0	82.6	82.2	81.8	81.4	81.1	9.4m/75.0								9.0
10.0	73.8	73.4	73.0	72.7	72.4	72.1	10.1m/67.5	10.7m/62.0	11.4m/56.5					10.0
12.0	58.4	60.3	59.9	59.6	59.2	58.9	58.6	58.2	55.6	12.1m/52.0	12.8m/48.0	13.5m/43.8		12.0
14.0	47.1	48.9	49.1	49.8	49.9	49.6	49.3	49.0	48.7	48.5	46.2	43.2	14.2m/40.5	14.0
16.0	38.1	40.1	40.5	41.4	42.1	42.6	42.3	42.0	41.7	41.4	40.9	40.8	38.7	16.0
18.0	17.5m/29.6	33.4	34.1	35.0	35.5	36.2	36.7	36.4	36.2	35.9	35.4	35.2	35.0	18.0
20.0		26.6	29.2	29.9	30.5	31.0	31.5	31.5	31.3	31.2	31.0	30.8	30.5	20.0
22.0		20.1m/26.1	25.3	25.9	26.5	27.0	27.4	27.6	27.4	27.2	27.0	26.8	26.6	22.0
24.0			22.7m/23.1	22.8	23.3	23.7	24.0	24.2	24.1	24.0	23.8	23.6	23.4	24.0
26.0				25.4m/20.6	20.6	21.1	21.4	21.5	21.6	21.4	21.2	21.0	20.7	26.0
28.0					18.4	18.7	19.0	19.2	19.4	19.2	19.0	18.7	18.5	28.0
30.0						16.8	17.1	17.3	17.5	17.3	17.1	16.9	16.6	30.0
32.0						30.7m/16.1	15.5	15.6	16.0	15.8	15.5	15.3	15.0	32.0
34.0							33.3m/14.5	14.2	14.5	14.3	14.1	13.9	13.7	34.0
36.0								35.9m/12.9	13.4	13.2	12.9	12.6	12.4	36.0
38.0									12.4	12.2	11.9	11.6	11.3	38.0
40.0									38.6m/12.1	11.2	10.9	10.6	10.4	40.0
42.0										41.2m/10.7	10.1	9.8	9.6	42.0
44.0											43.9m/9.3	9.0	8.8	44.0
46.0												8.4	8.1	46.0
48.0												46.5m/8.3	7.5	48.0
50.0													49.1m/7.2	50.0
Reeves	10	10	8	7	7	6	5	5	5	4	4	4	3	Reeves

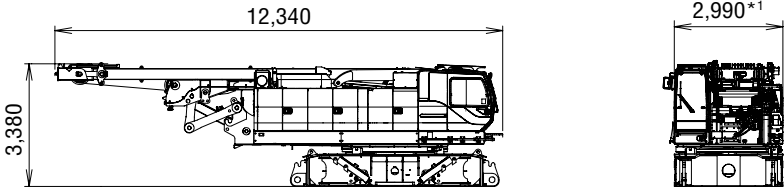
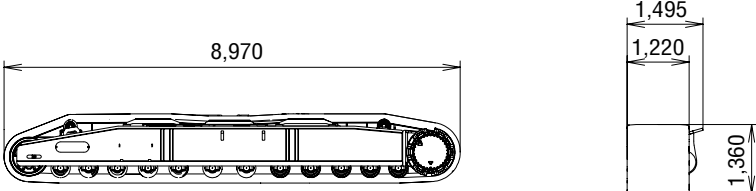
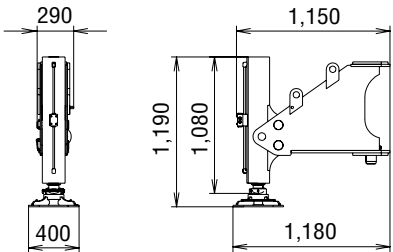
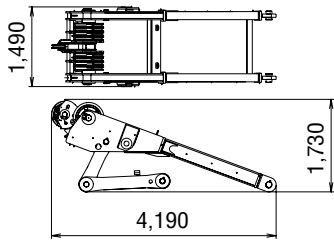
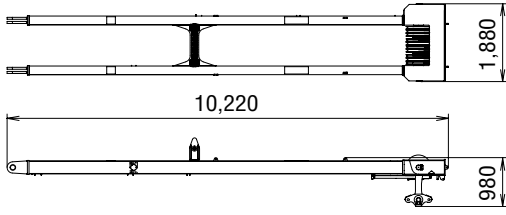
Note: Ratings according to Japanese construction codes for mobile cranes and Japanese safety ordinance on cranes, etc.

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)
<b>Base Machine</b> <ul style="list-style-type: none"> <li>• Gantry</li> <li>• Mast</li> <li>• Wire rope (Front / rear / boom hoist)</li> <li>• Without crawler</li> <li>• Without side steps</li> </ul>	 <p>*1 With the side step on cabin side : 3,170 With the side steps on the both sides : 3,340</p>	44,960
Crawler		20,850
Translifter		390
Gantry		3,038
Mast		3,320

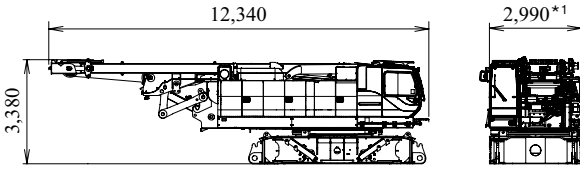




# PARTS AND ATTACHMENTS

## Base Machine

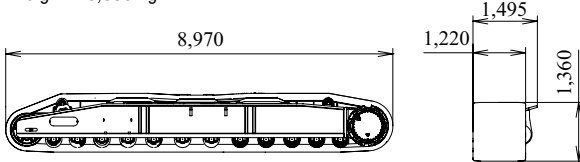
Gantry, Mast, Wire rope (Front/rear/boom hoist),  
Without crawler and side steps  
Weight: 44,960 kg



\*1 With the side step on cabin side : 3,170  
With the side steps on the both sides : 3,340

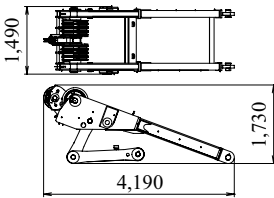
## Crawler

Weight: 20,850 kg



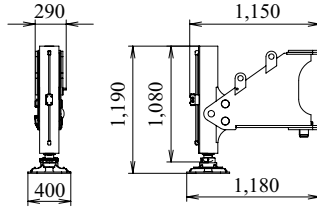
## Gantry

Weight: 3,038 kg



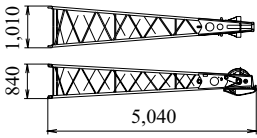
## Translifter

Weight: 390 kg



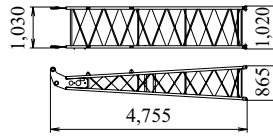
## Jib Tip (for Crane)

Weight: 315 kg



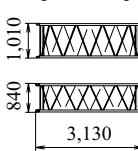
## Jib Base (for Crane)

Weight: 210 kg



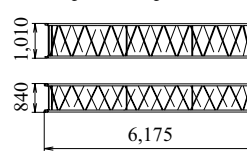
## 3.0 m Jib Insert

Weight: 110 kg



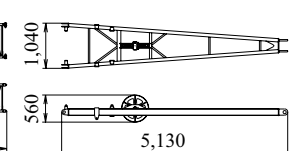
## 6.1 m Jib Insert

Weight: 190 kg



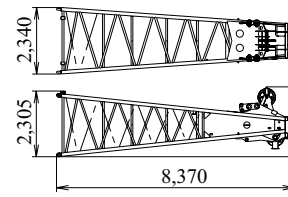
## Jib Strut

Weight: 300 kg



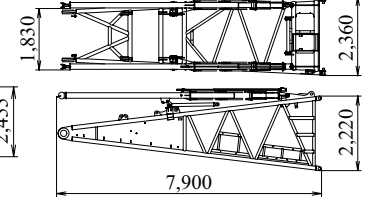
## Boom Tip

Weight: 3,665 kg



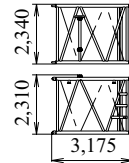
## Boom Base

Weight: 4,665 kg



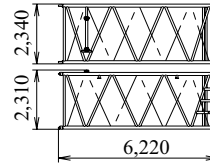
## 3.0 m Boom Insert (with Guy Line)

Weight: 890 kg



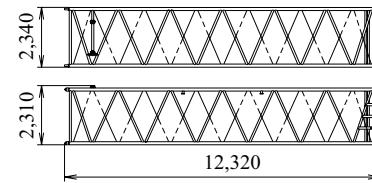
## 6.1 m Boom Insert (with Guy Line)

Weight: 1,440 kg



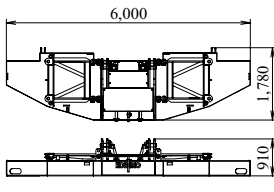
## 12.2 m Boom Insert (with Guy Line)

Weight: 2,540 kg



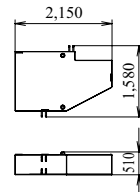
## Counterweight (A) with Hanger

Weight: 15,540 kg



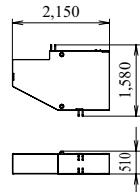
## Counterweight (B)

Weight: 5,390 kg / 1 Piece

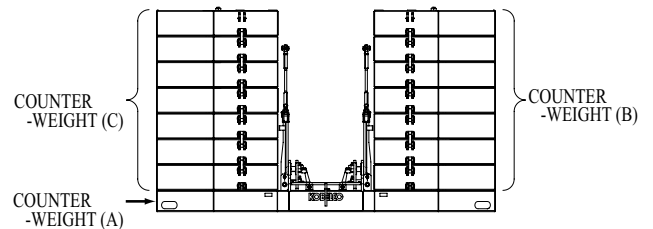


## Counterweight (C)

Weight: 5,390 kg / 1 Piece

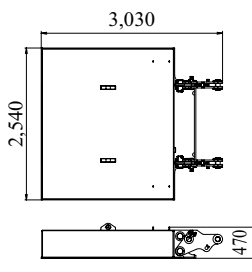


## Counterweight Assy

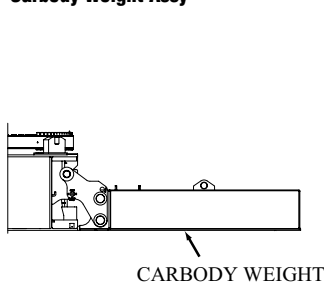


## Carbody Weight (with Link)

Weight: 13,675 kg / 1 Piece

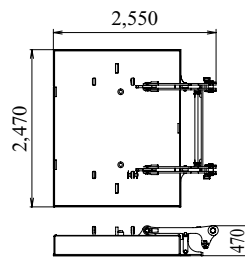


## Carbody Weight Assy

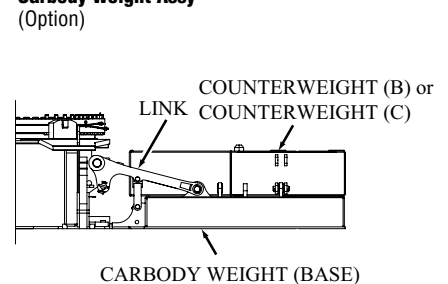


## Carbody Weight (with Link) (Base) (Option)

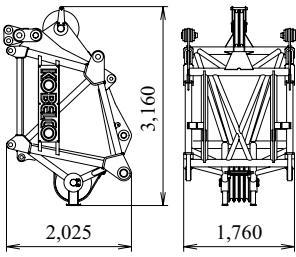
Weight: 8,270 kg / 1 Piece



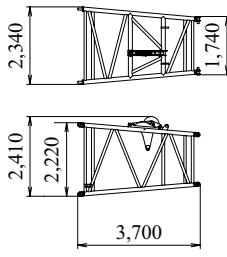
## Carbody Weight Assy (Option)



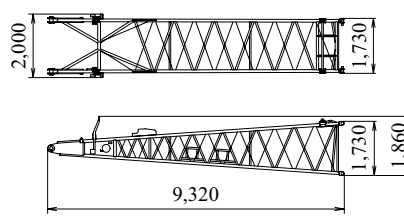
**Luffing Boom Tip**  
Weight: 2,085 kg



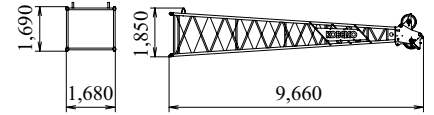
**Luffing Taper Boom Insert**  
Weight: 1,190 kg



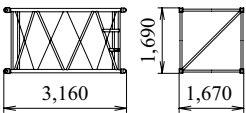
**Luffing Jib Base**  
Weight: 1,470 kg



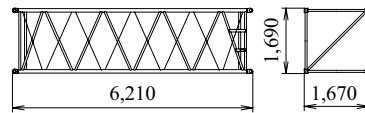
**Luffing Jib Tip**  
Weight: 1,400 kg



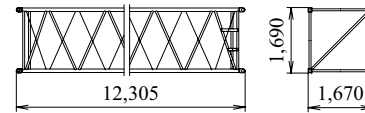
**3.0 m Luffing Jib Insert**  
Weight: 320 kg



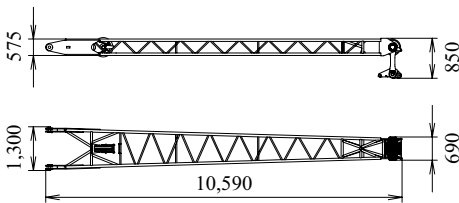
**6.1 m Luffing Jib Insert**  
Weight: 530 kg



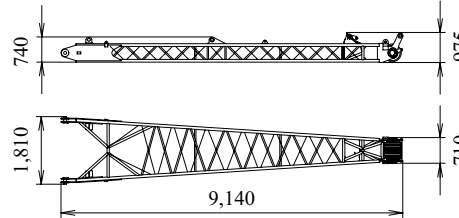
**12.2 m Luffing Jib Insert**  
Weight: 960 kg



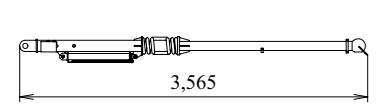
**Front Strut (Luffing Jib)**  
Weight: 1,410 kg



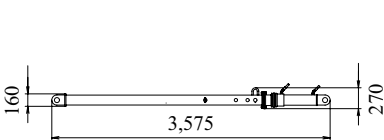
**Rear Strut (Luffing Jib)**  
Weight: 1,510 kg



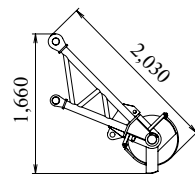
**Luffing Jib Backstop**  
Weight: 260 kg



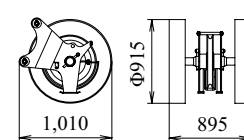
**Strut Backstop (Luffing Jib)**  
Weight: 180 kg



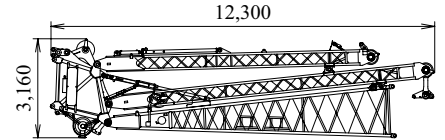
**Aux. Sheave**  
Weight: 290 kg



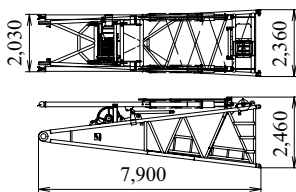
**Aux. Sheave (for Luffing Jib)**  
Weight: 380 kg



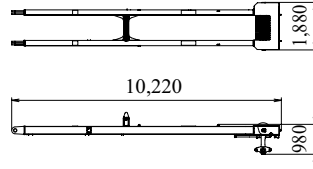
**Luffing Boom Tip Assembly**  
Weight: 6,730 kg



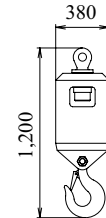
**Boom Base (with Winch)**  
Weight: 6,810 kg



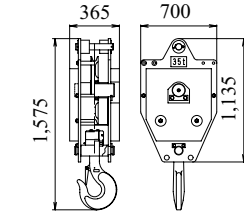
**Mast**  
Weight: 3,320 kg



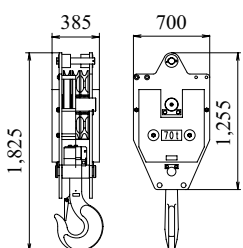
**Ball Hook**  
Weight: 450 kg



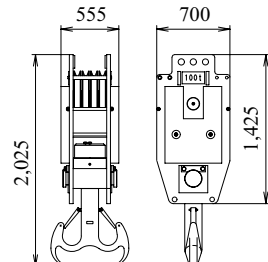
**35 t Hook**  
Weight: 900 kg



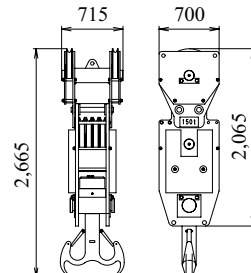
**70 t Hook**  
Weight: 1,200 kg



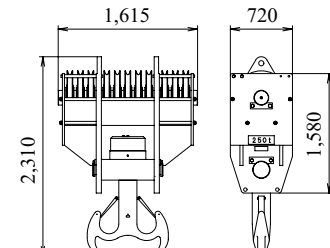
**100 t Hook**  
Weight: 1,800 kg



**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.

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