Hydraulic Crawler Crane

CKE3000G

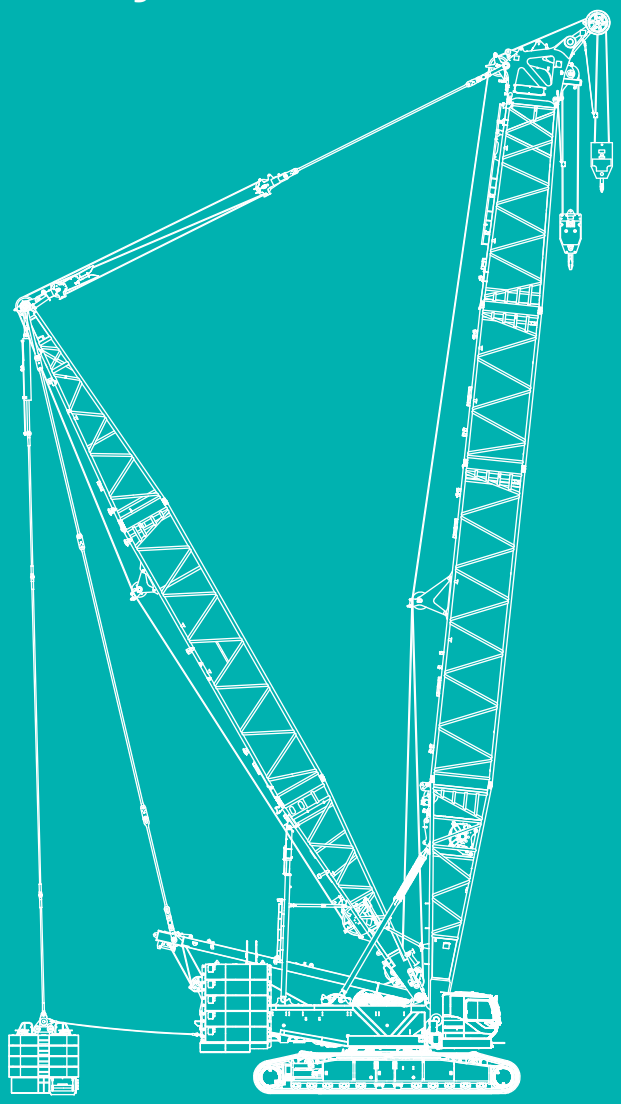
Heavy Lift

Max. Lifting Capacity - Crane : 189.8 t
Max. Crane Boom Length : 78 m
Max. Lifting Capacity - Luffing : 117.2 t
Max. Luffing Boom Length: 60 m
Max. Luffing Jib Length: 90 m

Super Heavy Lift

Max. Lifting Capacity - Crane : 350 t
Max. Crane Boom Length : 102 m
Max. Lifting Capacity - Luffing : 120 t
Max. Luffing Boom Length: 84 m
Max. Luffing Jib Length: 90 m

Heavy Lift / Super Heavy Lift Specifications



KOBELCO

CKE3000G-2
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HL/SHL CR General Description

Type :

Heavy Lift (HL) Crane
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	189.8 t @ 8.8 m operating radius (54 m boom)
Basic boom length	36 m
Maximum boom length	78 m

Super Heavy Lift (SHL) Crane - pallet weight 0 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	189.8 t @ 8.8 m operating radius (54 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 10 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	213.1 t @ 8.8 m operating radius (54 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 40 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	263.9 t @ 8.8 m operating radius (54 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 70 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	267.0 t @ 8.8 m operating radius (54 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 100 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	288.6 t @ 10.0 m operating radius (48 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 120 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	289.5 t @ 10.0 m operating radius (48 m boom)
Basic boom length	36 m
Maximum boom length	102 m

Super Heavy Lift (SHL) Crane - pallet weight 180 t
[100 t counterweight and 40 t carbody weight]

Maximum lift capacity	350.0 t @ 8.0 m operating radius (30 m boom)
Basic boom length	30 m
Maximum boom length	30 m

*Working weight**	Approx. 433,720 kg
*Ground bearing pressure**	Approx. 198 kPa (2.022 kg/cm^2)
*Grade ability**	20% (11.3 deg.)

* Including base machine, counterweights : 120 t, carbody weights : 40 t, pallet weights : 100 t, counterweight self removal device, 36 m standard boom and 350 t hook block at HL mast point radius 13 m.

HL/SHL LF General Description

Type :

Heavy Lift (HL) Luffing jib
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	117.2 t @ 13.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	60 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 0 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	117.2 t @ 13.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 10 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	120.0 t @ 14.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 40 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	120.0 t @ 15.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 70 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	120.0 t @ 15.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 100 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	120.0 t @ 15.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

Super Heavy Lift (SHL) Crane - pallet weight 120 t
[120 t counterweight and 40 t carbody weight]

Maximum lift capacity	120.0 t @ 15.0 m operating radius (48 m boom + 24 m jib)
Basic boom & jib length	36 m + 24 m
Maximum boom & jib length	84 m + 90 m

General Dimensions

Height to top of cab	3,830 mm
Width of upper machine with operator's cab	
Working :	4,700 mm
Transportation :	2,990 mm
Radius of rear end (counterweights)	7,300 mm
HL mast point	13,000 mm
Counterweight ground clearance	1,565 mm
Center of rotation to boom foot pin	1,800 mm
Height from ground to boom foot pin	2,780 mm
Overall length of crawlers	10,000 mm
Overall width of crawlers (w / standard shoe)	8,110 mm
(w / narrow shoe)	8,000 mm
Center to center of tumblers	8,795 mm
Shoe width (w / standard shoe)	1,220 mm
(w / wide shoe)	1,330 mm
Ground clearance of carbody	530 mm

Working Speed

Load hoist line speed (H1 and H2 winch without free fall function)	115 ~ 3 m/min
Load lowering line speed (H1 and H2 winch without free fall function)	115 ~ 3 m/min
Standard boom hoist line speed (W1 winch)	30 ~ 2 m/min
Standard boom lowering line speed (W1 winch)	30 ~ 2 m/min
Luffing jib hoist line speed (W2 winch)	29 ~ 2 m/min
Luffing jib lowering line speed (W2 winch)	29 ~ 2 m/min
Super heavy lift boom hoist line speed (W3 winch)	39 ~ 2 m/min
Super heavy lift boom lowering line speed (W3 winch)	39 ~ 2 m/min
Swing speed (max.)	1.7 min^{-1} (1.7 rpm)
Travel speed (high/low)	1.0 / 0.6 km/h

Line speed based on single line, no load, and first layer of rope on the drum.

Upper Machinery

Power Plant :

Diesel engine - make and model	SCANIA DC13 084A (Complies with EU Stage IV and US Tier4 Final)
No. of cylinders	6 cylinders
Bore × stroke	130 mm × 160 mm
Cycles	4 cycles
Total displacement	12.7 L
Rated output SAE GROSS	331 kW / 2,100 min^{-1}
Maximum torque	2,007 N·m / 1,600 min^{-1}
Starter	24 Volts / 6.0 kW
Alternator	24 Volts / 150 Amp
Batteries	Two 12 volt, 136 AH/5 HR capacity series connected.
Radiator	Corrugated type core, thermostatically controlled.
Throttle	Twist grip type hand throttle, electrically actuated, in conjunction with floor mounted pedal.
Air cleaner	Dry type with replaceable paper element.
Fuel tank capacity	600 L
Lube oil filters	Full flow and by-pass type with replaceable paper element type.
Fuel filter	Replaceable paper element with water separator.

Hydraulic pumps :

Load hoist (H1) and propel (R)	2 piston type pumps, max. flow rate 263.9 ℓ / min × 2
Load hoist (H2) and propel (L)	2 piston type pumps, max. flow rate 263.9 ℓ / min × 2
Boom, Jib or SHL hoist (W1 / W2 / W3)	2 piston type pump, max. flow rate 348.5 ℓ/min
Boom, Jib or SHL hoist (W1 / W2 / W3) acceleration	1 piston type pump, max. flow rate 270.0 ℓ/min
Swing	1 piston type pump, max. flow rate 348.5 ℓ/min
Control system and auxiliary	2 gear type pumps, max. flow rate 63.8 + 42.0 ℓ/min
Brake cooling system (optional for free fall winch)	1 gear type pump, max. flow rate 64.3 ℓ/min × 2

Counterweight and Carbody weight :

Counterweight Base	20 t × 1
Counterweight (R)	10 t × 5
Counterweight (L)	10 t × 5
Total Counterweight	120 t
Carbody weight A	17.6 t × 2
Carbody weight B[*2]*	2.8 t × 2
Total Carbody weight[*2]*	40.8 t

*[*1] 5 t counterweight : optional*
*[*2] Including the weight of platform*

SHL Pallet weight (optional) :

Pallet weight Base	9.3 t
Pallet weight	10 t × 11*
Total pallet weight	120 t

**Additional 6 pallet weight (10 t ×6) are necessary for 350 t lifting.*

Electric system :

All wiring color coded for easy servicing, individual fused branch circuits.

Hydraulic system :

Maximum pressure rating
31.9 MPa (326 kg/cm^2)
Cooling
Oil to air heat exchanger
Filtration
Full flow filters with replaceable stainless meshed strainer for input and glass fiber elements for return.
Reservoir capacity
860 L

Standard Mast :

This mast is to be all-welded box type structure with high tensile steel equipped with self-lifting cylinder.
The mast is necessary regardless of the boom length.

HL Mast (optional) :

The welded lattice construction uses tubular, high-tension steel chords with pin connection between sections.

HL Mast length	30.0 m
HL Mast base section	9.0 m
HL Mast insert	12.0 m
HL Mast tip section	9.0 m

Operator's cab :

Totally enclosed from weather, this full-vision cab has safety glass all around, sliding door and tilting to 15.8 degrees by hydraulic cylinders.
The adjustable, high-backed seat with armrest is capable of adjustment with or without the control console.
Auxiliary controls and instruments are on a side mounted console.
A signal horn, windshield wipers, air-conditioner, and swing limiter are all standard features.
The operator's cab swings in front of the upper machine for transportation width to be 2.99 m.

Controls :

At the operator's right are console-mounted adjustable short levers (hydraulic over hydraulic) for the front and rear drum and the boom hoist control.
Fine inching control, drum rotation indicators and optional free fall activation switches are built in to the levers.
Beside the seat on the right are two short levers (hydraulic over hydraulic) for propel control, plus individual speed dial controls for front, rear and boom drums.
At the left is the console mounted a swing lever, an optional luffing jib hoist drum control (hydraulic over hydraulic), individual speed dial controls for luffing jib drum and reeving winch, switches for front and rear drum, boom and luffing jib drum pawls, and the engine start / stop key.
A swing brake control switch and signal horn button are on the swing lever.
On the floor is a boom hoist pedal, a throttle pedal and optional free fall pedals if selected.

Swing :

Swing unit
Two sets of hydraulic motor driving through planetary reducer to output swing pinion for 360 degrees rotation.
Mode
Switchable three modes, free fast, free slow and auto brake.
Swing brake
Spring set hydraulically released multiple disk brake mounted on swing motor.
Swing circle
Wider diameter and triple row roller bearing with internal swing gear.

Drums :

Powered by hydraulic variable plunger motors, driven through planetary reducers.

Negative brake

A spring-set, hydraulically released multiple disc brake and a safety spooled load control counter - valance valve are mounted on the hoist motor.

Drum lock

External ratchet for locking drum

Load hoist (H1 & H2) drums (None free fall)

Max. line pull (1st layer) 254 kN
Rated line pull (all layers) 147 kN
620 mm P.C.D × 926 mm Lg., grooved for 28 mm dia. wire rope.
Rope capacity is 600 m strage length.

Free fall function (optional)

Maximum line pull (1st layer) 274.2 kN
Rated line pull (all layers) 147 kN

Boom drum (W1)

Double drum, grooved for 26 mm wire rope.

Luffing jib drum (W2) (Optional), mounted on the base boom, grooved for 26 mm wire rope.
Super heavy lift boom drum (W3) (Optional), mounted on the HL mast base boom, grooved for 26 mm wire rope.

Lower Machinery

Carbody frame :

High-tensile steel welded axle in constructed frame.

Translifters :

The function allows quick and easy crawler frame removal and trailer loading.
The swing arm and the remote-controlled 4 vertical cylinders are all standard feature.

Crawlers :

Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles.
Crawler belt tension adjusted by hydraulic jack and maintained by shims between the drive unit block and frame.

Crawler drive :

Each crawler has double motors, one in front and one in the rear, delivering steady, powerful traction for smooth on-site travel.
Each drive consists of a hydraulic motor driving a propel tumbler through a planetary gear box.
The hydraulic motor and gear box are built into the crawler side frame.

Crawler brake :

Multiple disc type, spring set, hydraulically released parking brakes are built into each propel drive.

Steering mechanism :

The hydraulic propel system provides both skid steering and counter-rotating steering.

Crawler shoe :

Casted 1,220 mm shoe in standard.
(1,330 mm wide shoe in optional)

Track rollers :

The track rollers are sealed for maintenance free operation.

HL/SHL Crane Attachments

Crane boom :

The welded lattice construction uses tubular, high-tension steel chords with pin connection between sections.

Basic boom length	36.0 m
Boom base section	9.0 m
Boom insert	6.0 m
Special Boom insert	12.0 m
Tapered boom insert	7.8 m
Boom tip section w/11 sheaves	1.2 m

Boom insert (optional) :

Optional boom inserts are available to provide extension capabilities up to the boom length of 78 m for HL and 102 m for SHL specification.

Boom insert	6.0 m, 12.0 m

Boom suspension :

26 parts of 26 mm dia. high strength boom hoist wire rope (W3) and high-tensile steel guy lines.

Boom backstops:

Telescopic type with spring bumper.

Auxiliary sheave (optional):

Auxiliary sheave is extendible on booms of 36 m through 78 m for HL and 36 m through 102 m for SHL. Maximum line : 2 parts of 28 mm dia. wire rope.

HL/SHL Luffing Attachments

Luffing jib (optional) :

The luffing jib is available on the crane boom of 36.0 m through 60.0 m for HL and 36.0 m through 84.0 m for SHL with counterweight amount 120 t and carbody weight amount 40 t to extend working height and / or reach.

The luffing jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections.

Basic jib length	24.0 m
Jib base length	9.0 m
Jib insert	6.0 m
Jib tip section w/4 sheave	9.0 m

Luffing jib insert :

Optional luffing jib insert, 6.0 m and 12.0 m section are available to provide extension capabilities, up to the jib length of 90.0 m for SHL.

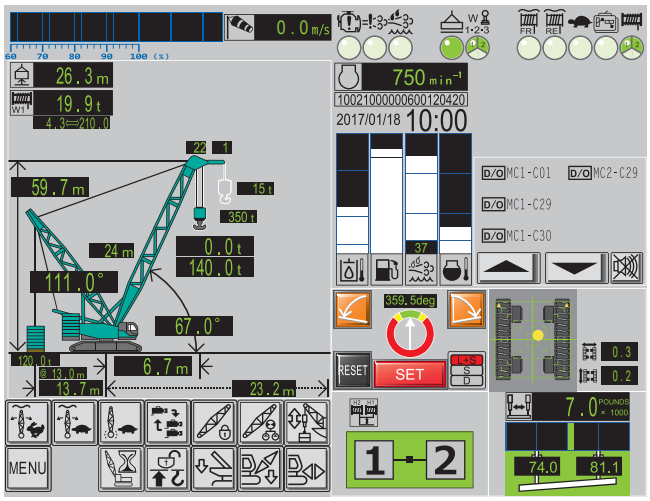
Luffing jib suspension :

10 parts of 26 mm dia. high strength jib hoist rope (W2) and high-tensile steel guy lines.

Strut suspension :

High-tensile steel guy lines.

The Kobelco newly designed touch panel screen with sunshade and screen protector is an industry first. This intuitive and easy to understand new touch screen monitor gives the operator a full display of essential data. Universal pictograms are used providing easy visual recognition, making this new technology easy to read and understand the information. This new monitor includes : Hook Height, Engine Speed, Display Lamp of standard functions, Gauges, Over-Swing Prevention Device, Switches, and Error Messages.



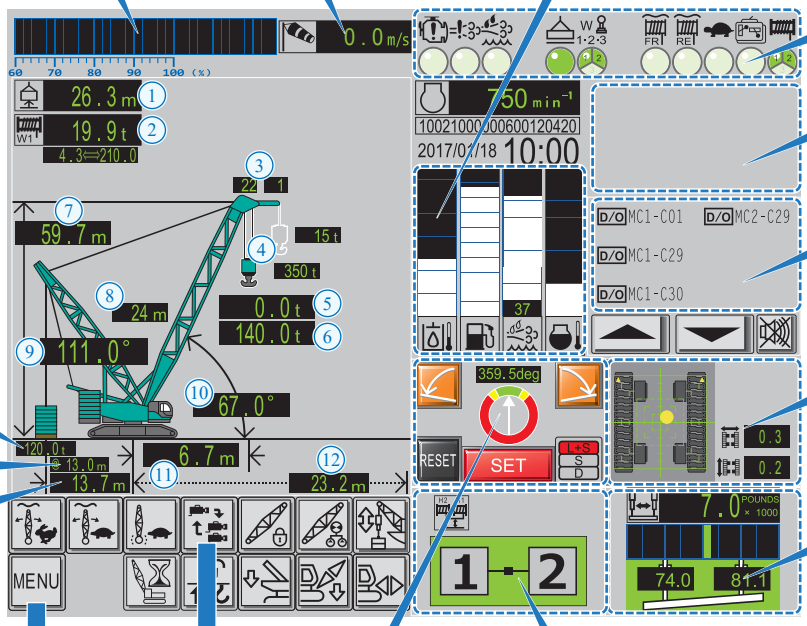
Gauges
Hydraulic oil temperature gauge
Fuel bar gauge
Def/AdBlue® bar gauge
Engine coolant temperature gauge
* Figures for the above gauges are only shown when the bar is touched.

Display lamp
Engine warning lamp
Def/AdBlue® system failur wraning lamp
Def/AdBlue® level warning lamp
Swing & travel warning lamp
W1, W2 & W3 select lamp
H1 free fall indication lamp (opt.)
H2 free fall indication lamp (opt.)
Inching speed lamp
Remote control connection lamp
H1, H2 drum select lamp

① Hook height
② W1 tension
③ H1 & H2 No. of part line
④ Main & Aux. hook type
⑤ Actual load
⑥ Rated load
⑦ Point height
⑧ Boom length
⑨ HL mast angle
⑩ Boom angle
⑪ Working radius
⑫ Max. working radius
Total pallet weight
Pallet weight set position
HL mast point rear end radius

Moment ratio indicator

Wind speed indicator



Operating status of load hoist drums

Error message
Touch to display details in a pop-up window.

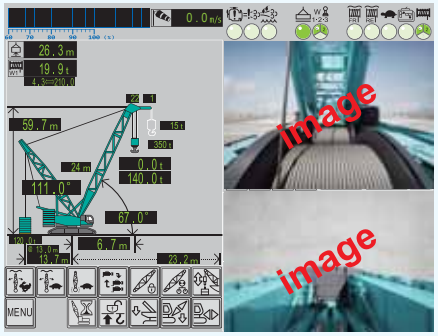
Ground incline indicator (option)
This device is to detect inclination of the crane against the ground to indicate and issue warning.

Pallet weight cylinder indication (SHL configuration)

Over-swing prevention

Operating status of double drum

Camera Monitor



Main menu

Crane config.

Angle/radius Limiter

Self check Mode

Adjustment mode

Service mode

CKE3000G-2
ASSEMBLY PROCEDURE

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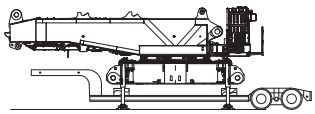

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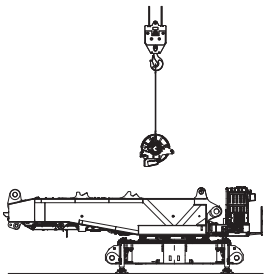

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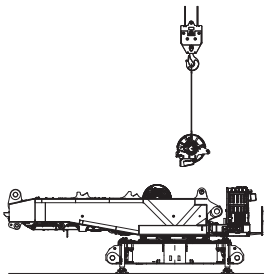

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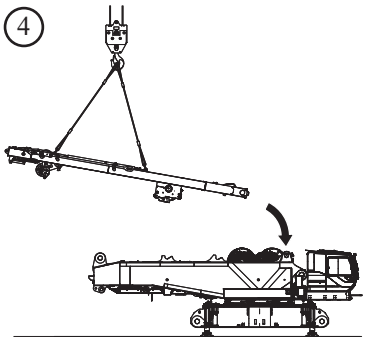

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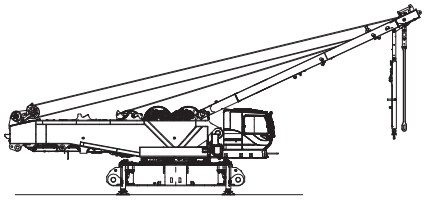

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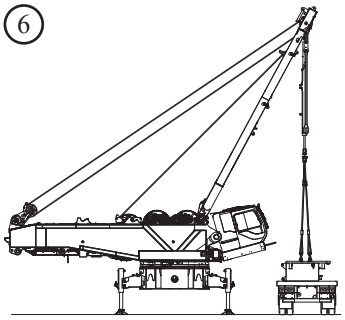

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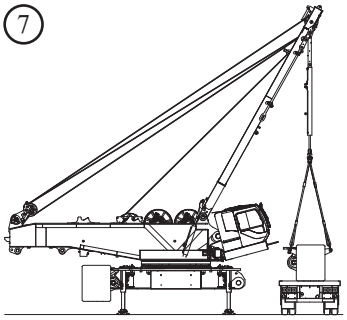

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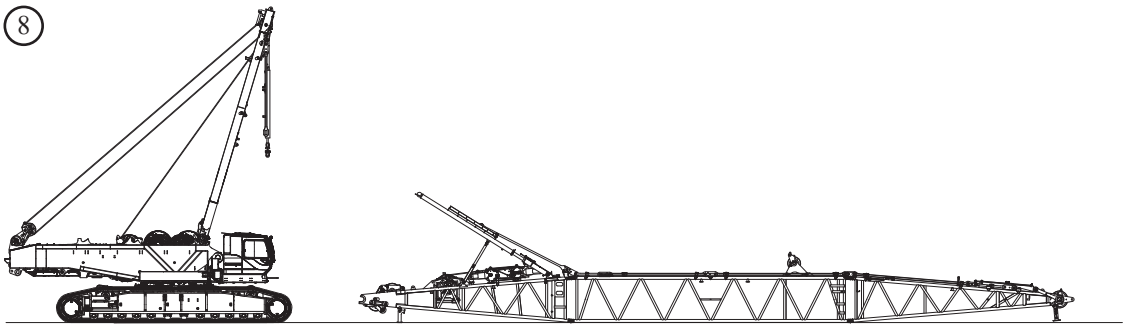

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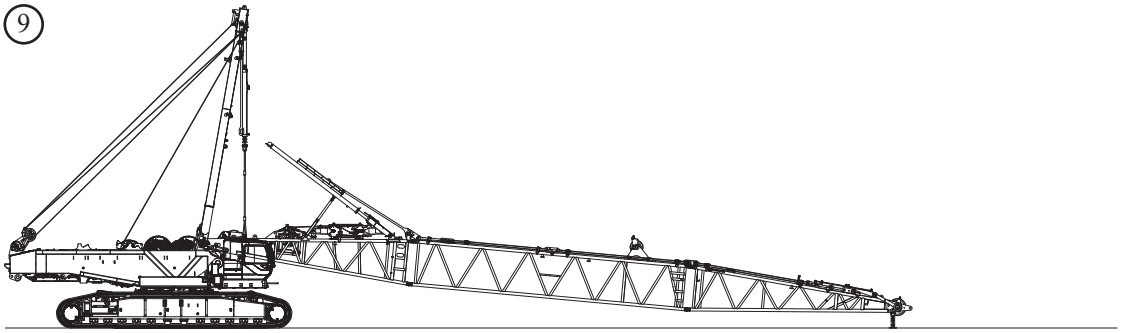

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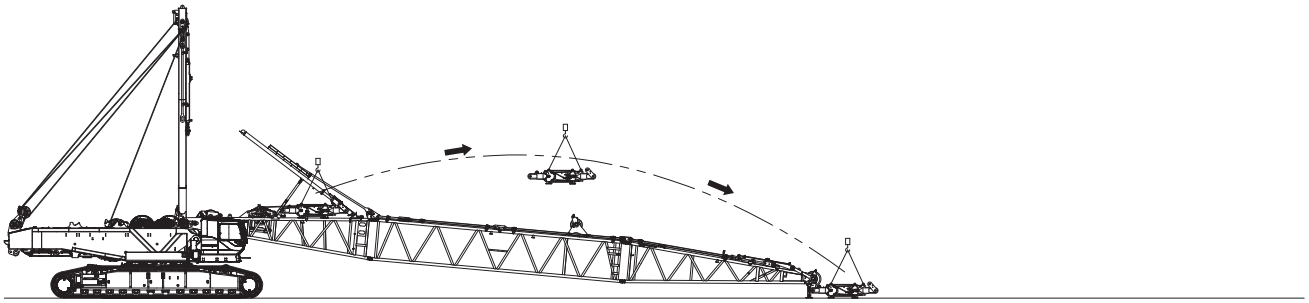

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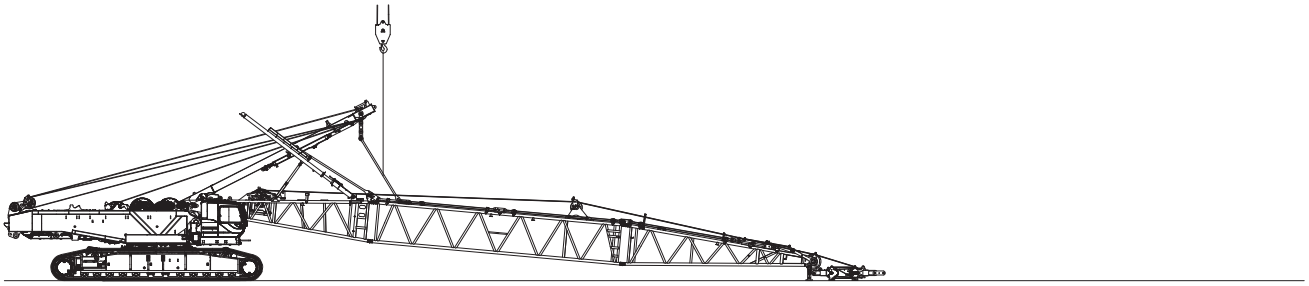

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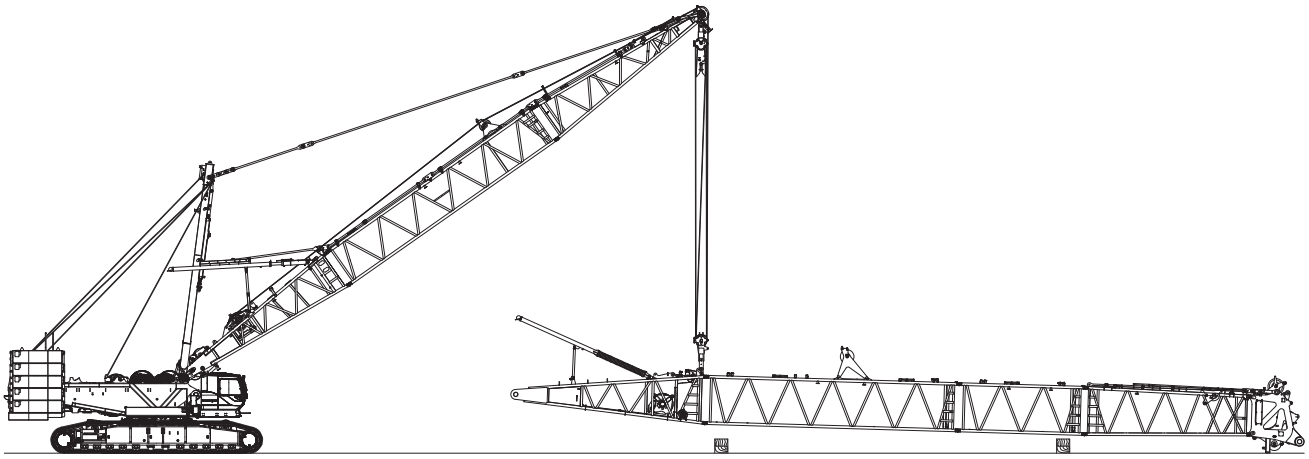

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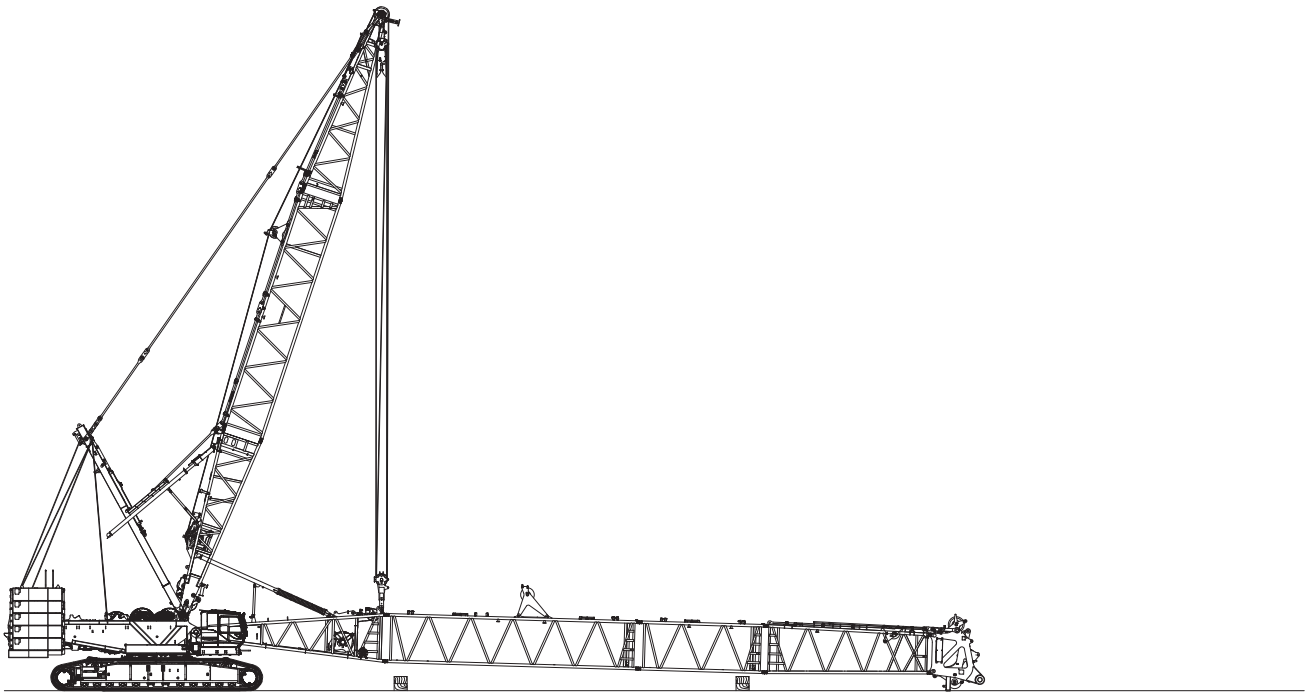

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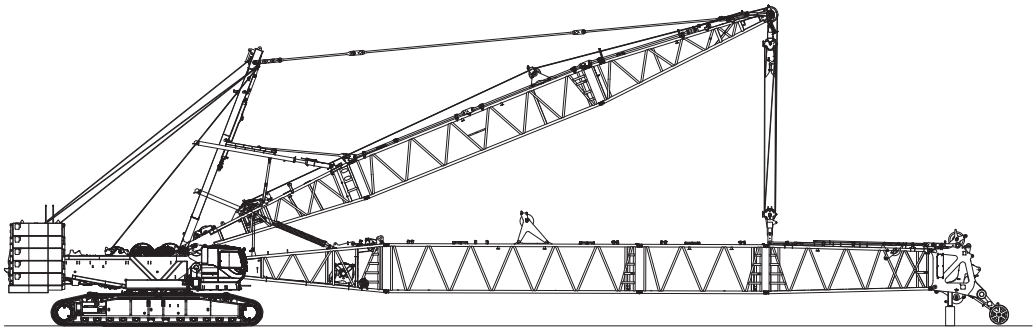

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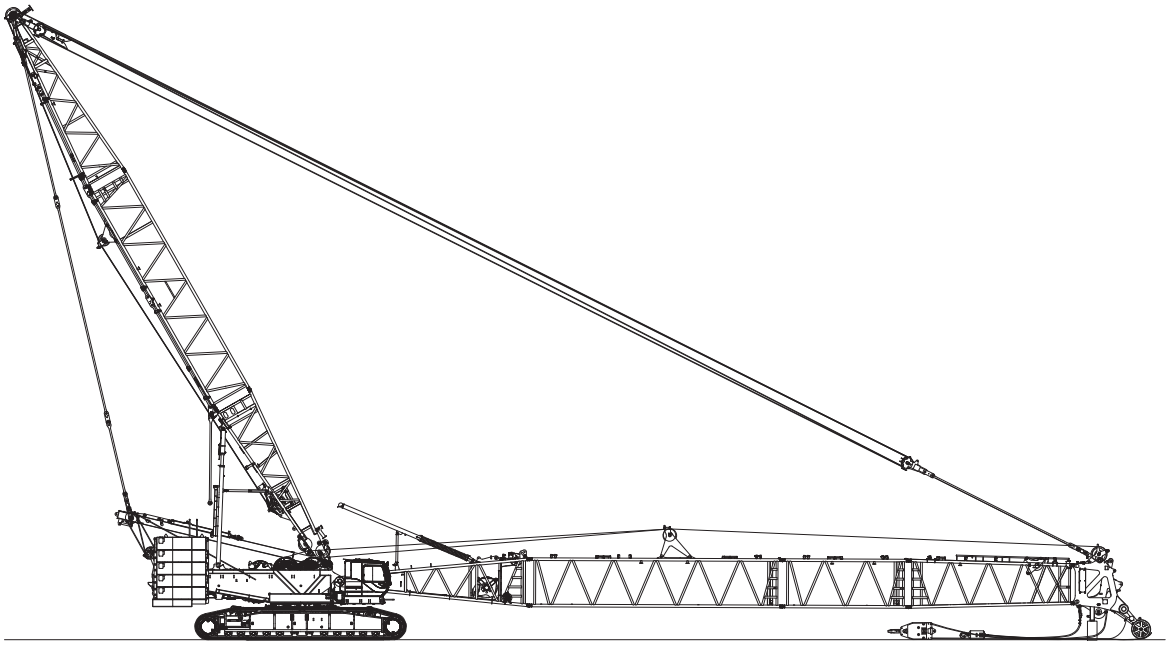

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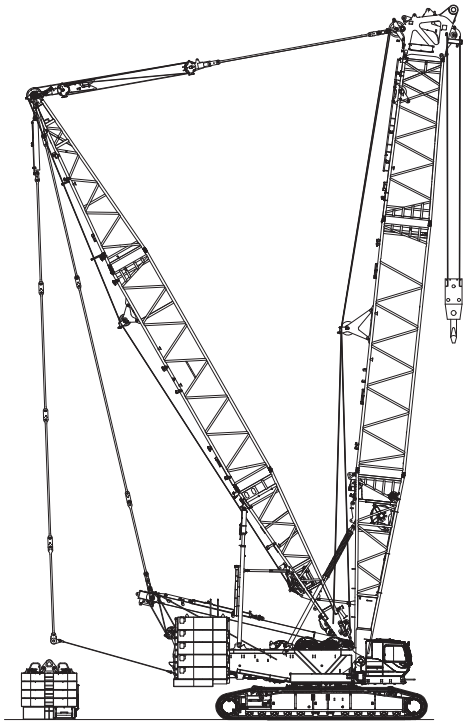

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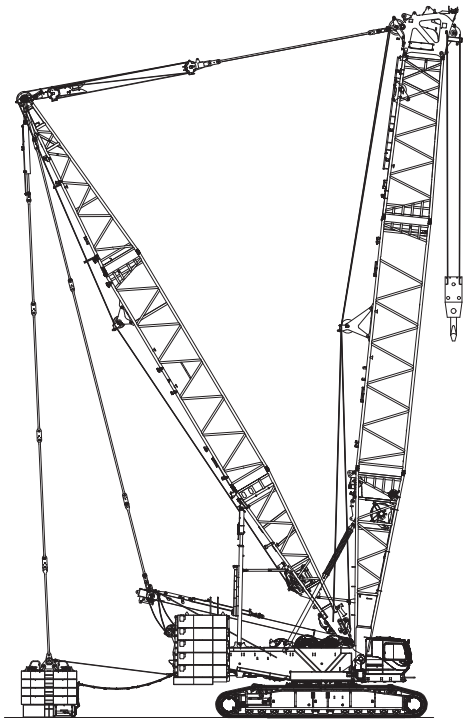

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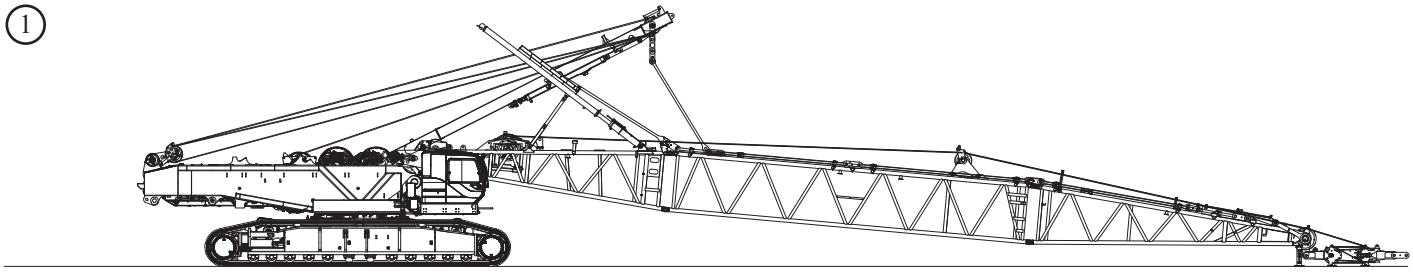

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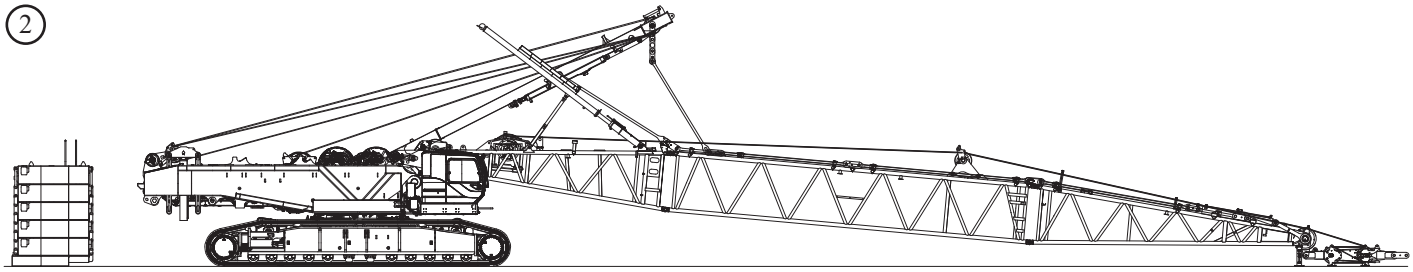

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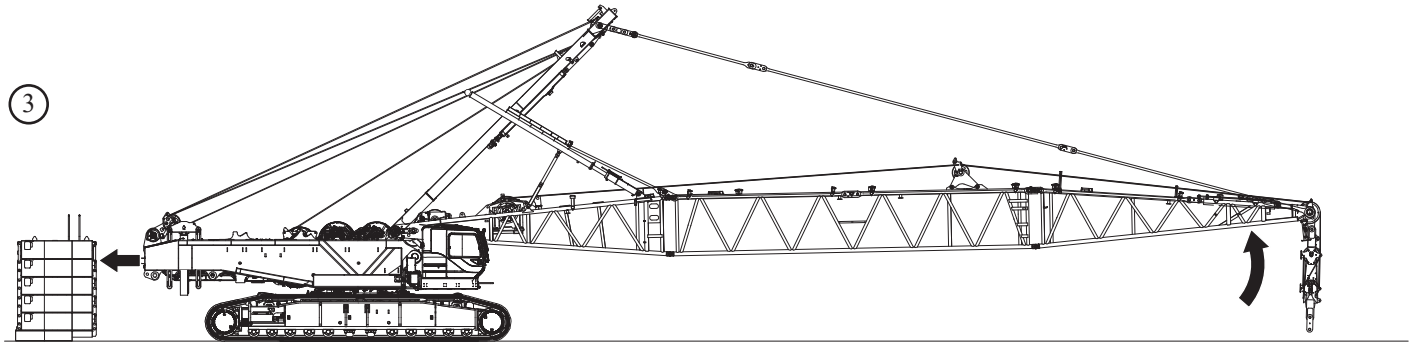

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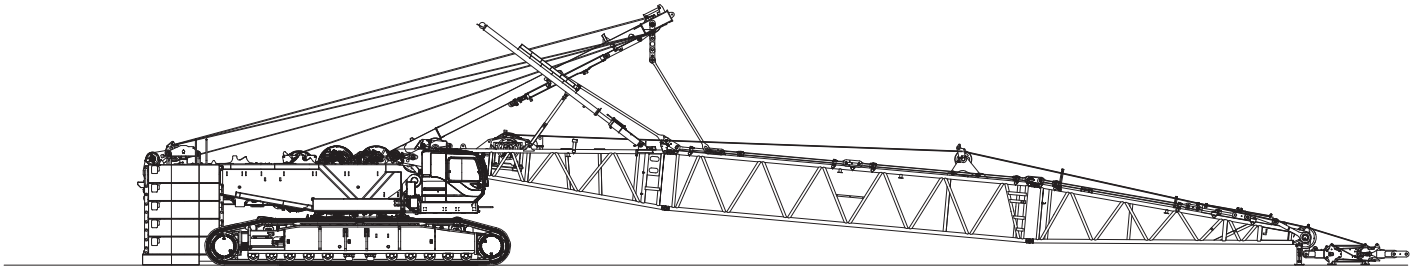
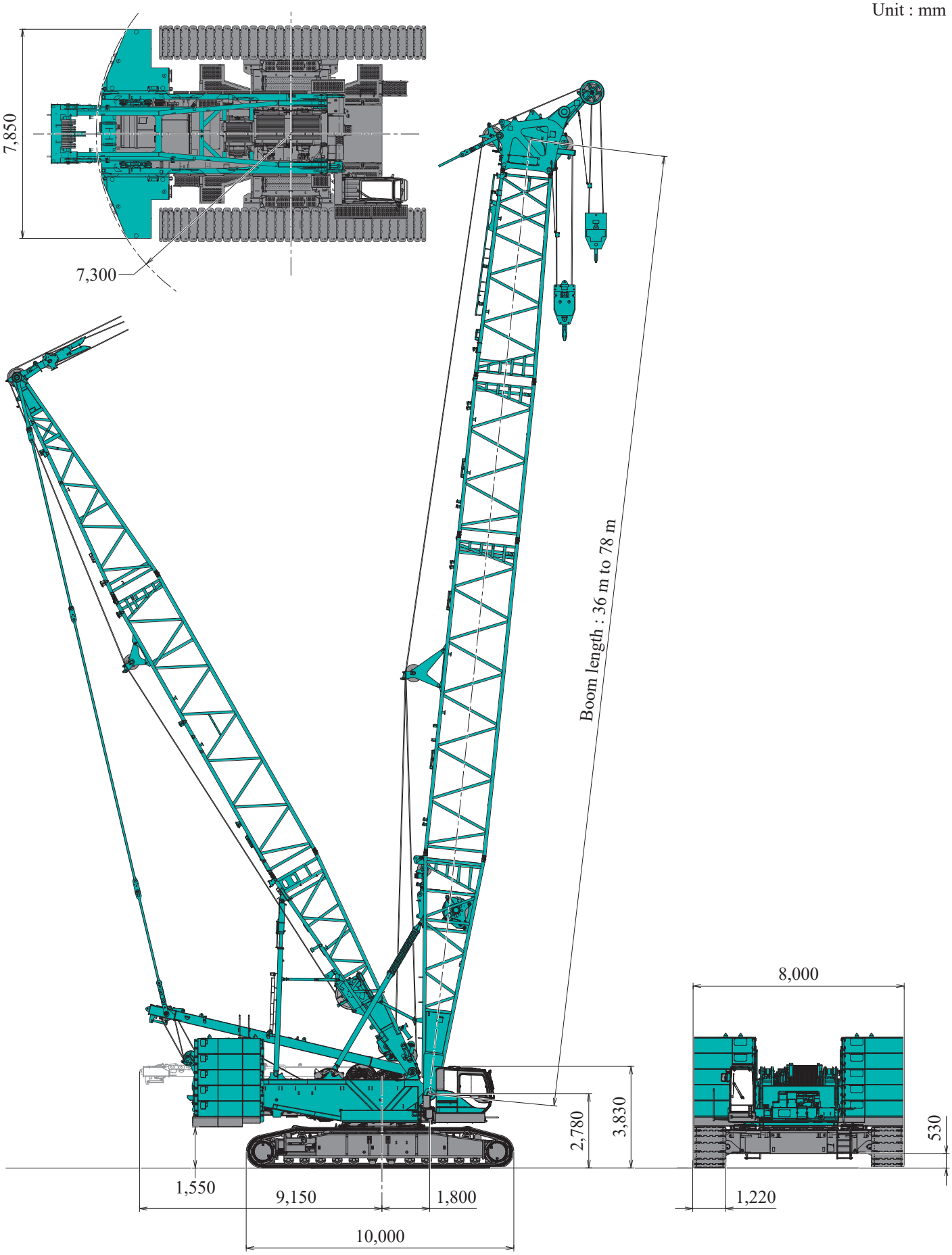


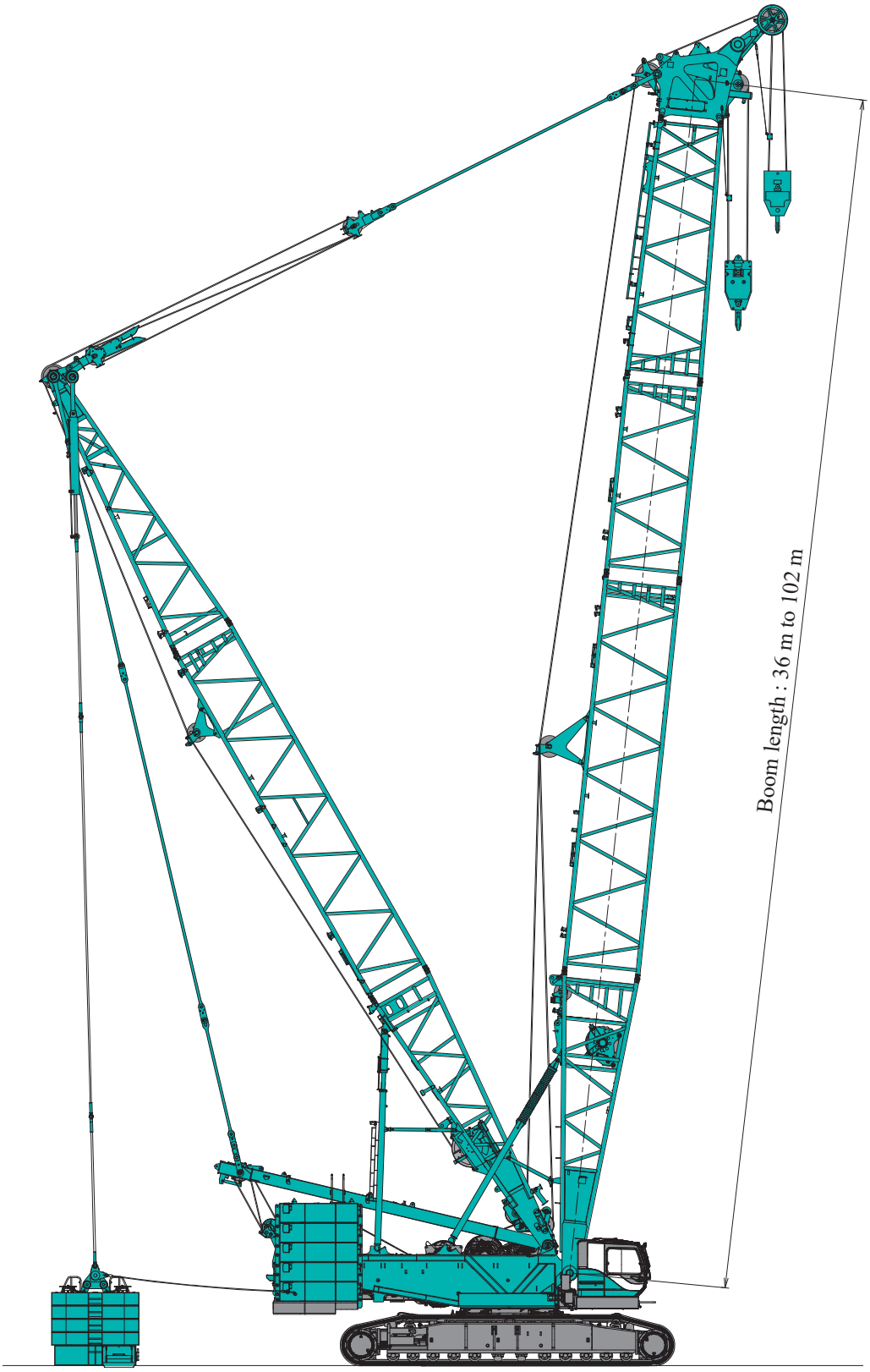
Heavy Lift - Crane Boom

Unit : mm



Super Heavy Lift - Crane Boom

Unit : m

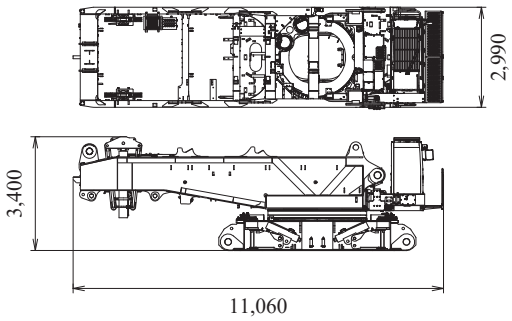


Dimensions : mm　Weight : kg

Base Machine

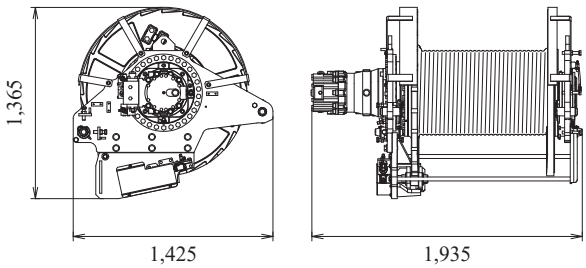
Weight : 41,420 kg

Crane mast	×
H1 winch	×
H2 winch	×
Counterweight self removal device	○



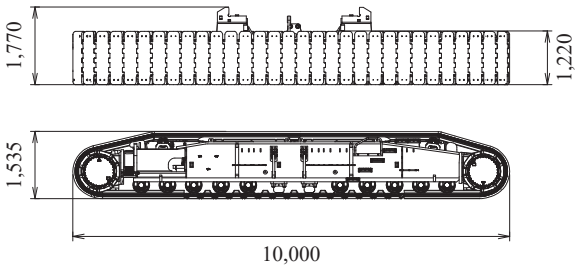
H1, H2 Winch (Without Wirerope)

Weight : 2,350 kg



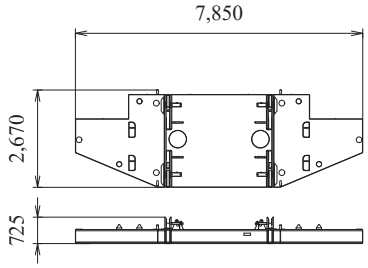
Crawler

Weight : 28,240 kg



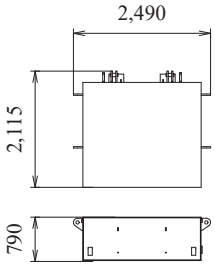
Counterweight Base

Weight : 20,000 kg



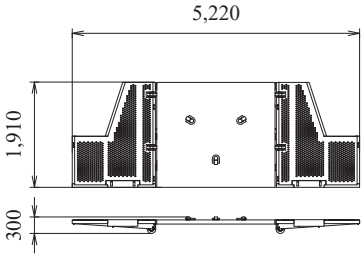
Carbodyweight A

Weight : 17,550 kg



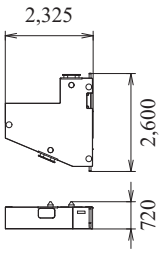
Carbodyweight B With Platform

Weight : 2,775 kg



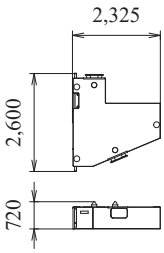
Counterweight A

Weight : 10,000 kg



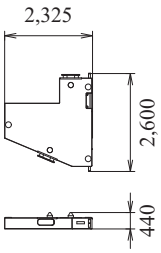
Counterweight B

Weight : 10,000 kg



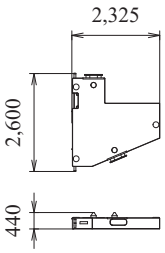
Counterweight C (Optional)

Weight : 5,000 kg



Counterweight D (Optional)

Weight : 5,000 kg



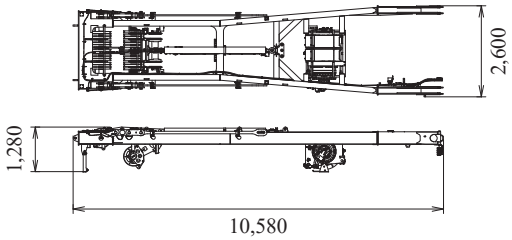
*Optional counterweights

Dimensions : mm Weight : kg

Crane Mast

Weight : 10,245 kg

Lower spreader	○
W1 winch	○
Wirerope	○
Guy line	○

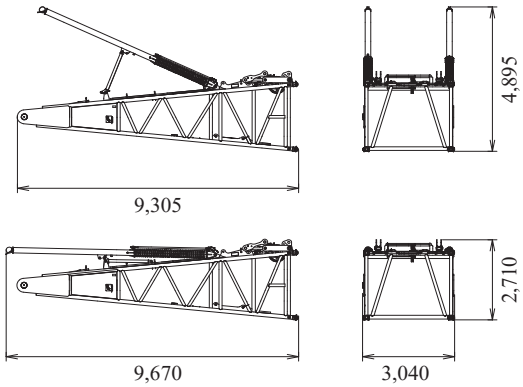


9 m Boom Base

Weight : 9,290 kg

Guide sheave	○
Boom backstop	○
Walkway	○
Guy lines	○
Reeving winch and wirerope	○

* Guy lines for luffing strut are not included.
Add 155 kg to boom if necessary.

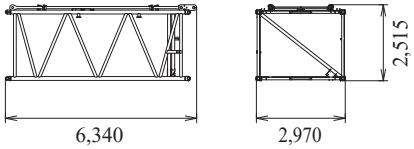


6 m Boom Insert

Weight : 2,310 kg

Includes guy lines and walkway.

* Guy lines for luffing strut are not included.
Add 200 kg to boom if necessary.

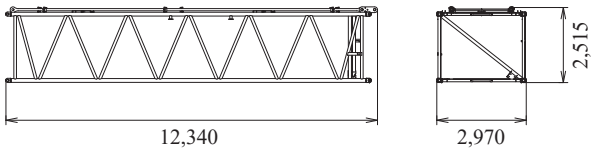


12 m Boom Insert

Weight : 4,020 kg

Includes guy lines and walkway.

* Guy lines for luffing strut are not included.
Add 360 kg to boom if necessary.

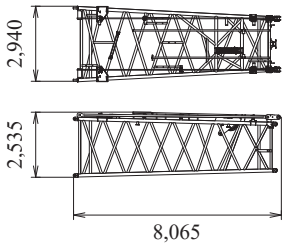


7.8 m Taper Boom Insert

Weight : 3,495 kg

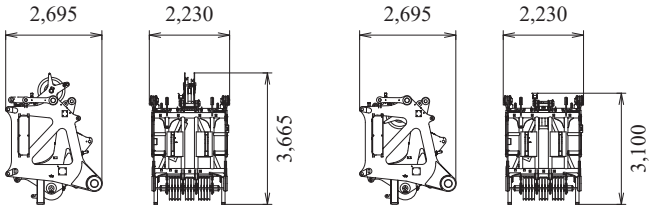
Includes guy lines, walkway and guide sheave.

* Guy lines for luffing strut are not included.
Add 140 kg to boom if necessary.



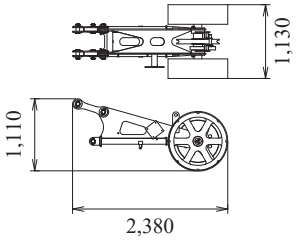
Boom Tip

Weight : 4,580 kg



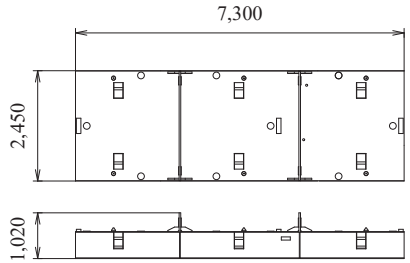
Auxiliary Sheave

Weight : 700 kg

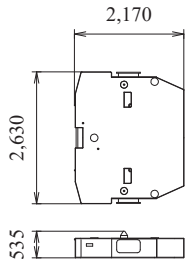


Dimensions : mm Weight : kg

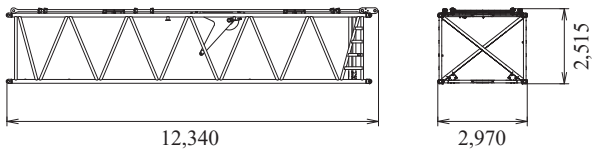
Base Pallet Weight
Weight : 9,300 kg



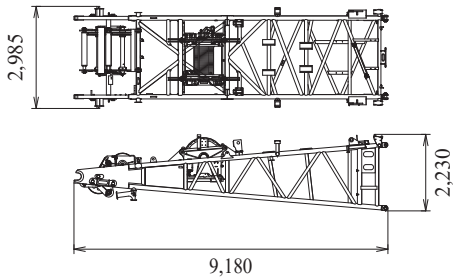
Pallet Weight
Weight : 10,000 kg



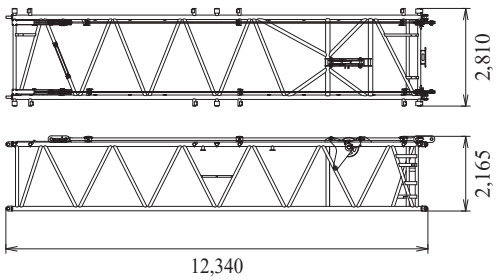
12 m Special Boom Insert
Weight : 3,890 kg



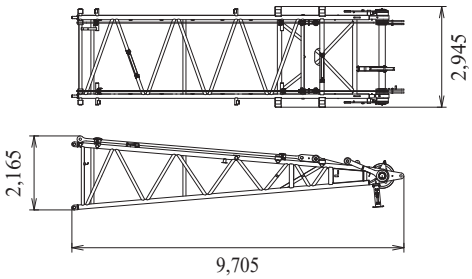
HL Mast Base (with W3 winch)
Weight : 9,290 kg



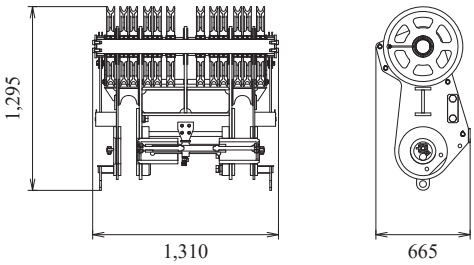
HL Mast Insert
Weight : 3,940 kg



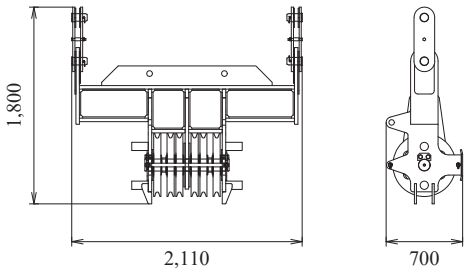
HL Mast Tip
Weight : 4,800 kg



Lower Spreader
Weight : 1,065 kg

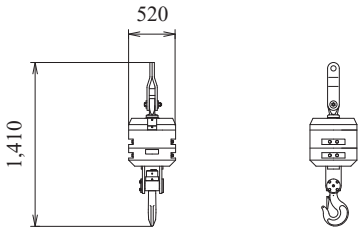


Upper Spreader
Weight : 1,325 kg

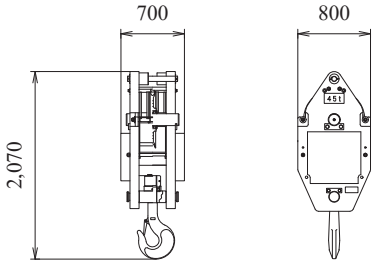


Dimensions : mm Weight : kg

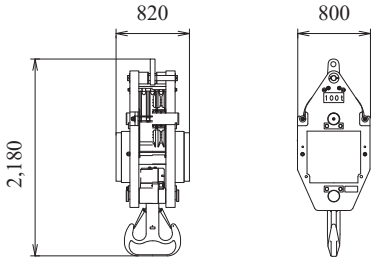
Ball Hook
Weight : 900 kg



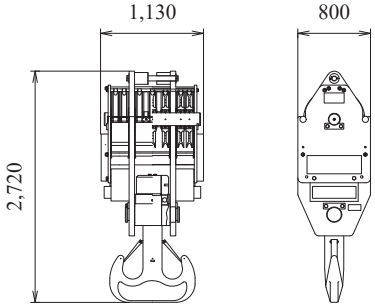
45 t Hook
Weight : 2,200 kg



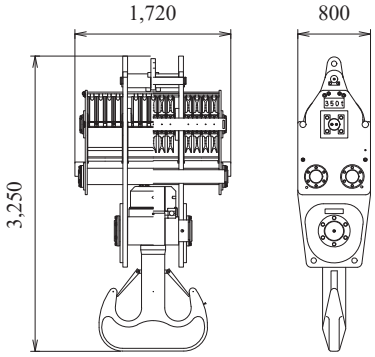
100 t Hook
Weight : 2,700 kg



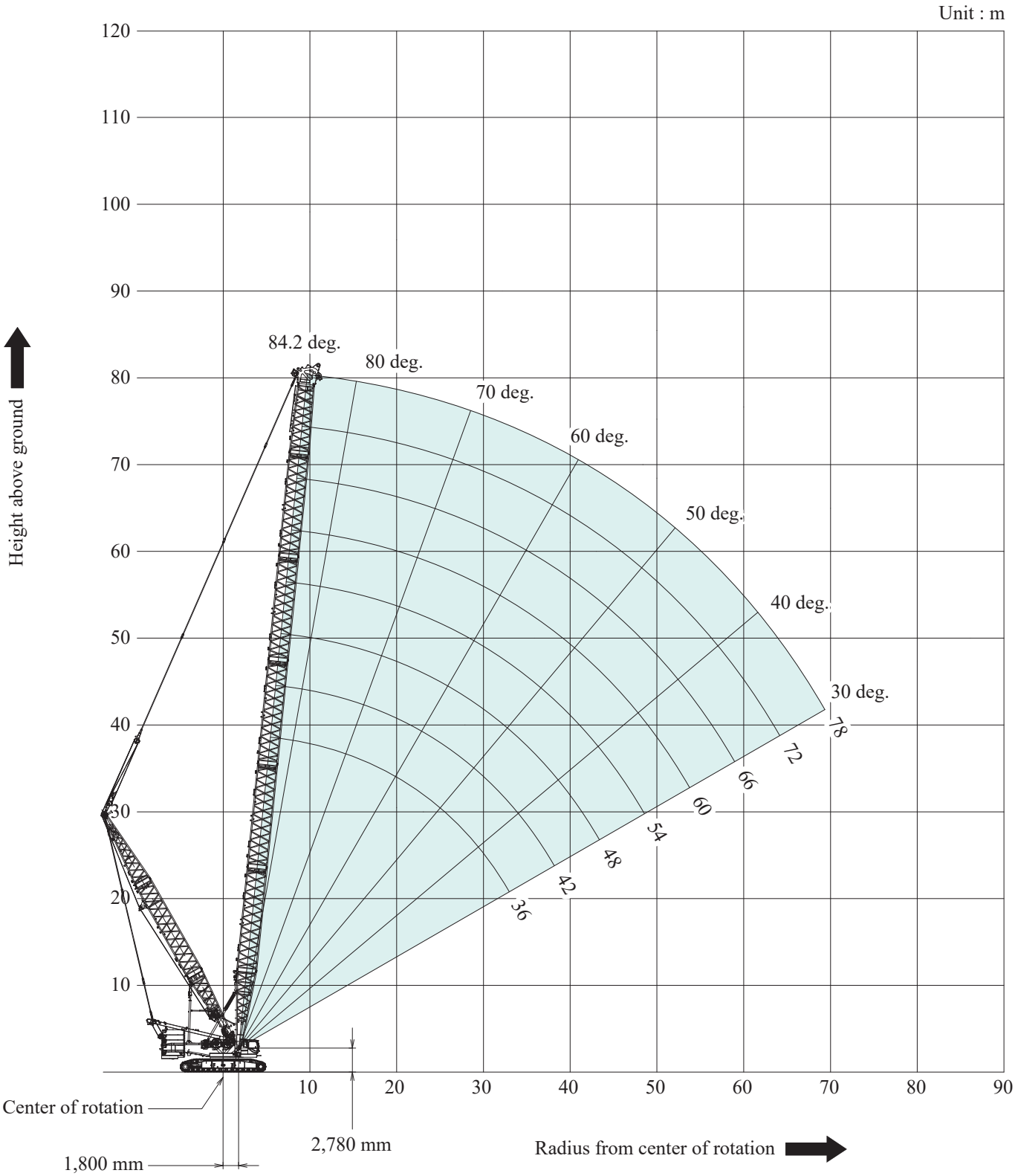
200 t Hook
Weight : 4,100 kg



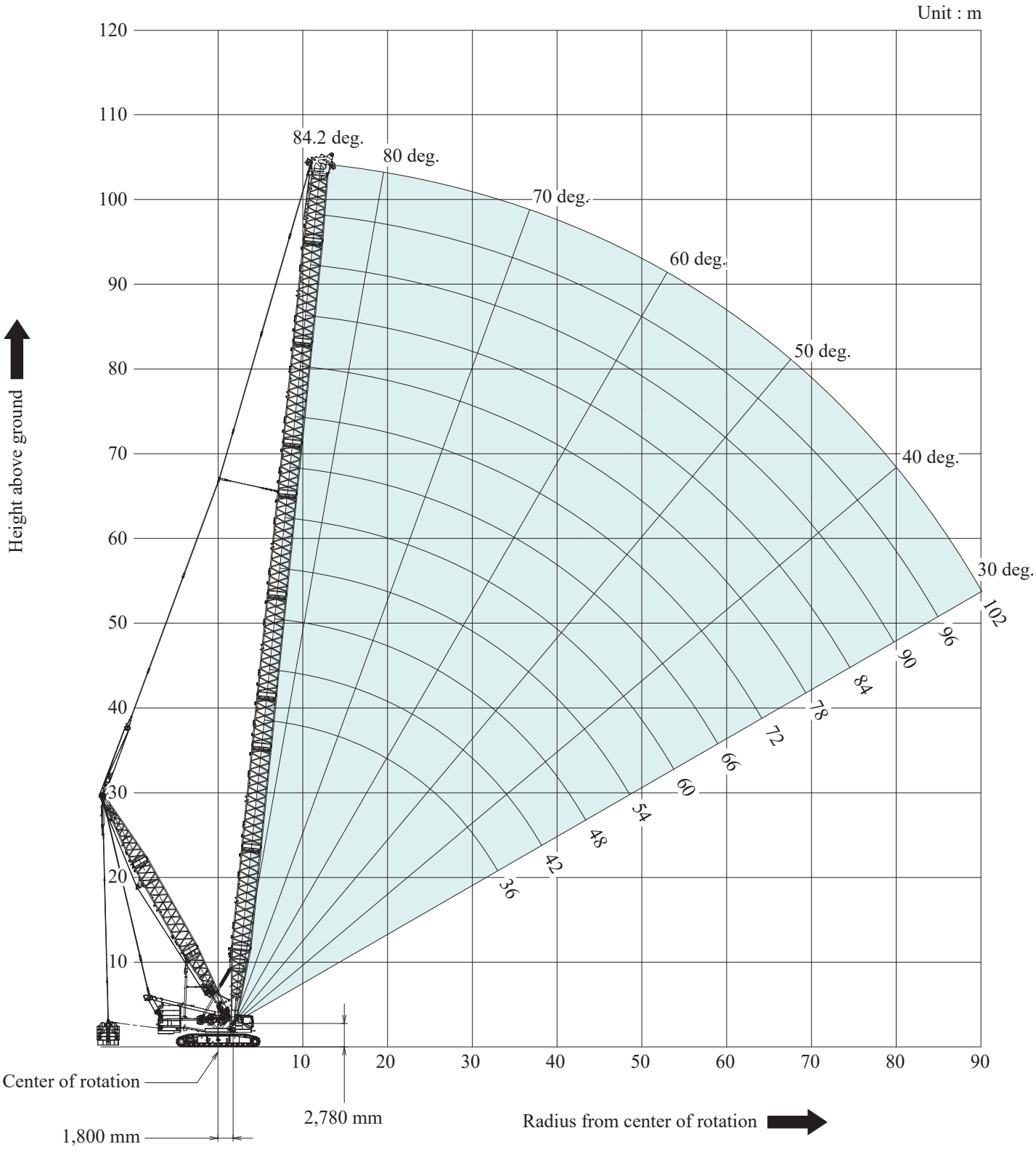
350 t Hook
Weight : 6,400 kg



Heavy Lift


Unit : m
Height above ground
120
110
100
90
80
70
60
50
40
30
20
10
84.2 deg.
80 deg.
70 deg.
60 deg.
50 deg.
40 deg.
30 deg.
78
72
66
60
54
48
42
36
10
20
30
40
50
60
70
80
90
Center of rotation
1,800 mm
2,780 mm
Radius from center of rotation

Super Heavy Lift



Boom Arrangement For Crane

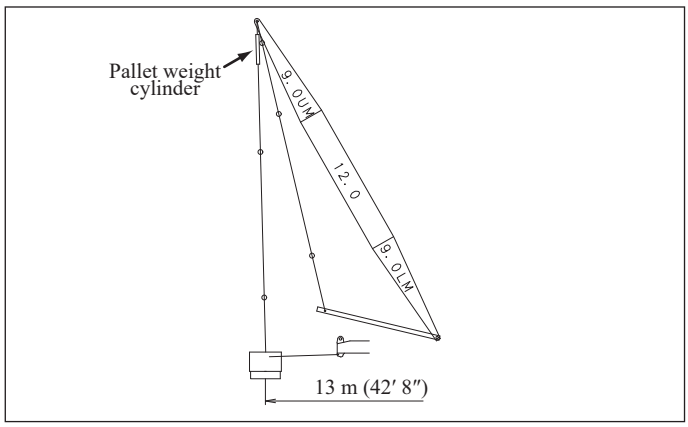
Boom length : m (ft)	Boom arrangement	Aux. Sheave	HL	SHL
36 (118)	* 9 L 12a 6 7.8T U	○	○	○
42 (138)	* 9 L 12a 6 6 7.8T U 9 L 12a 12 7.8T U	○	○	○
48 (157)	* 9 L 12a 12 6 7.8T U	○	○	○
54 (177)	* 9 L 12a 6 6 12 7.8T U 9 L 12a 12 12 7.8T U	○	○	○
60 (197)	* 9 L 12a 12 6 12 7.8T U	○	○	○
66 (217)	* 9 L 12a 6 6 12 12 7.8T U 9 L 12a 12 12 12 7.8T U	○	○	○
72 (236)	* 9 L 12a 12 6 12 12 7.8T U	○	○	○
78 (256)	* 9 L 12a 6 6 12 12 12 7.8T U 9 L 12a 12 12 12 12 7.8T U	○	○	○
84 (276)	* 9 L 12a 12 6 12 12 12 7.8T U	○	×	○
90 (295)	* 9 L 12a 12 6 12 12 6 12 7.8T U	○	×	○
96 (315)	* 9 L 12a 12 6 12 12 12 12 7.8T U	○	×	○
102 (335)	* 9 L 12a 12 6 12 12 6 12 12 7.8T U	○	×	○

✱ Indicates the most flexible combination of boom inserts, which can be modified to form all shorter boom arrangements.
↖ Mark shows the position for center hitch link.
○ : Combinations which is allowed.
× : Combinations which is not allowed.

Symbol	Length	Remarks
9 L	9 m (30 ft)	Boom Base
U	1.2 m (4 ft)	Boom Tip
6	6 m (20 ft)	Boom Insert
12	12 m (40 ft)	Boom Insert
12a	12 m (40 ft)	Special Boom Insert
7.8 T	7.8 m (26 ft)	Taper Boom Insert

* Actual length of boom sections are metric such as 6 m, 9 m and 12 m.
The value shown above or in the chart are approximate conversions to feet.

SHL Mast



Symbol	Length	Remarks
9 LM	9 m (30 ft)	SHL Mast Base
9 UM	9 m (30 ft)	SHL Mast Tip
12	12 m (40 ft)	SHL Mast Insert

- Ratings are calculated to comply with EN13000, ISO 4305 and include factors based on a 4 degree tipping angle.

- 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 26 parts of line.

- 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 determined by the strength of materials.

- The minimum rated load is 4.4 t.

[Main 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 main boom ratings shown.

[Main Boom Lifting With Auxiliary Sheave Frame]

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

Deduction auxiliary sheave frame	
HL Crane	SHL Crane
0.7 t	0.7 t

[Auxiliary Sheave Lifting]

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

Deduction auxiliary sheave frame	
HL Crane	SHL Crane
0.7 t	0.7 t

- It should not exceed 15.0 t in case of one reeve. And it should not exceed 30.0 t in case of two reeves.
- Auxiliary sheave ratings at any radius from center of rotation are the same as crane ratings shown in table for main boom when operated at the same radius. But maximum angle is the same main boom maximum angle.
- Auxiliary sheave can be mounted on below boom length.

HL Crane	SHL Crane
36 m to 78 m	30 m to 102 m

But the following auxiliary sheave ratings are none. Standard crane boom for auxiliary sheave lifting without main hook.

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

Main Boom Hoist Loads (Double Drum)

No. of parts of line	4	6	8	10
Max. loads : kN	588	883	1,177	1,471
Max. loads : t	60.0	90.0	120.0	150.0

No. of parts of line	12	14	16	18
Max. loads : kN	1,765	2,059	2,354	2,648
Max. loads : t	180.0	210.0	240.0	270.0

No. of parts of line	20	22	24
Max. loads : kN	2,942	3,236	3,432
Max. loads : t	300.0	330.0	350.0

Main Boom Hoist Loads (Single Drum)

No. of parts of line	1	2	3	4
Max. loads : kN	147	294	441	588
Max. loads : t	15.0	30.0	45.0	60.0

No. of parts of line	5	6	7	8
Max. loads : kN	735	883	1,030	1,177
Max. loads : t	75.0	90.0	105.0	120

No. of parts of line	9	10	11	12
Max. loads : kN	1,324	1,471	1,618	1,765
Max. loads : t	135.0	150.0	165.0	180.0

No. of parts of line	13	14	15	16
Max. loads : kN	1,898	2,020	2,148	2,265
Max. loads : t	193.5	206.0	219.0	231.0

No. of parts of line	17	18	19	20
Max. loads : kN	2,388	2,501	2,618	2,731
Max. loads : t	243.5	255.0	267.0	278.5

No. of parts of line	21	22
Max. loads : kN	2,839	2,942
Max. loads : t	289.5	300.0

Auxiliary Hoist Loads

No. of parts of line	1	2
Max. loads : kN	147	294
Max. loads : t	15.0	30.0

- Weight of hook block

Hook block	350 ton	200 ton	100 ton	45 ton	15 ton Ball Hook
Weight : t	6.4	4.1	2.7	2.2	0.9

- Minimum required pallet weight for raising and lowering of SHL crane configuration.

SHL Crane

Boom length : m	30	36	42	48	54	60
Pallet weight : t	0	0	0	0	0	0

Boom length : m	66	72	78	84	90	96
Pallet weight : t	0	0	0	10	40	40

Boom length : m	102
Pallet weight : t	70

- The rated load of the work when the strut guy line is installed on the boom upper surface is value in the rated load chart minus the value in the table below.

HL Crane / SHL Crane

Boom length : m	30	36	42	48	54	60
Pallet weight : t	1.1	1.1	1.1	1.1	1.2	1.2

Boom length : m	66	72	78	84	90	96
Subtract load : t	1.3	1.3	1.4	1.4	1.3	1.2

Boom length : m	102
Pallet weight : t	1.4

- Lifting capacities listed apply only to the machine as originally manufactured for and supplied by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

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

[Reference Information]

Assembling the counterweight

Counterweight : 120 t
Carbody weight : 40 t

No.10		No.11
No.8		No.9
No.6		No.7
No.4		No.5
No.2		No.3
No.1		

Carbody weight

Counterweight : 100 t
Carbody weight : 40 t

No.8		No.9
No.6		No.7
No.4		No.5
No.2		No.3
No.1		

Carbody weight

Assembling the pallet weight

Pallet weight : 180 t (optional) *

No.17		No.18
No.14	No.15	No.16
No.11	No.12	No.13
No.8	No.9	No.10
No.5	No.6	No.7
No.2	No.3	No.4
No.1		

Pallet weight : 120 t

No.11		No.13
No.8	No.9	No.10
No.5	No.6	No.7
No.2	No.3	No.4
No.1		

Pallet weight : 100 t

No.8	No.9	No.10
No.5	No.6	No.7
No.2	No.3	No.4
No.1		

Pallet weight : 70 t

No.5	No.6	No.7
No.2	No.3	No.4
No.1		

Pallet weight : 40 t

No.2	No.3	No.4
No.1		

Pallet weight : 10 t

No.1		

CKE3000G-2
HL CRANE - LIFTING CAPACITIES

Unit : Metric ton

HL Crane boom lifting capacities

HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t

Load Radius	Boom Length								Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	
8.0 m				8.8m/189.8					8.0 m
9.0 m				185.5	9.4m/168.9				9.0 m
10.0 m			174.8	166.5	158.7	151.5	10.7m/135.6	11.3m/123.2	10.0 m
12.0 m	157.1	150.0	143.6	137.5	131.7	126.3	121.1	116.2	12.0 m
14.0 m	126.5	125.6	121.3	116.5	112.0	107.6	103.5	99.5	14.0 m
16.0 m	104.6	103.6	103.0	100.6	96.9	93.3	89.9	86.5	16.0 m
18.0 m	88.7	87.7	87.1	86.5	85.0	81.9	79.0	76.1	18.0 m
20.0 m	76.8	75.7	75.0	74.4	73.9	72.7	70.1	67.6	20.0 m
22.0 m	67.4	66.3	65.6	64.9	64.4	63.9	62.8	60.4	22.0 m
24.0 m	59.9	58.8	58.1	57.3	56.8	56.3	55.8	54.4	24.0 m
26.0 m	53.7	52.6	51.8	51.1	50.6	50.0	49.6	49.1	26.0 m
28.0 m	48.6	47.5	46.7	45.9	45.3	44.7	44.3	43.8	28.0 m
30.0 m	44.3	43.1	42.3	41.5	40.9	40.3	39.8	39.3	30.0 m
32.0 m	40.7	39.4	38.5	37.6	37.0	36.3	35.7	35.2	32.0 m
34.0 m	33.6m/38.0	36.0	35.1	34.2	33.5	32.8	32.2	31.7	34.0 m
36.0 m		33.1	32.1	31.1	30.4	29.7	29.1	28.6	36.0 m
38.0 m		30.5	29.4	28.5	27.7	27.0	26.4	25.8	38.0 m
40.0 m		38.8m/29.5	27.1	26.1	25.4	24.6	24.0	23.4	40.0 m
44.0 m			23.3	22.2	21.3	20.5	19.9	19.3	44.0 m
48.0 m				19.0	18.1	17.2	16.6	15.9	48.0 m
52.0 m				49.2m/18.2	15.5	14.5	13.8	13.1	52.0 m
56.0 m					54.4m/14.1	12.3	11.5	10.8	56.0 m
60.0 m						59.6m/10.6	9.6	8.8	60.0 m
64.0 m							7.9	7.1	64.0 m
68.0 m							64.8m/7.7	5.7	68.0 m
72.0 m								69.9m/5.0	72.0 m
Reeves	12	10	12	14	12	12	10	10	Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

SHL Crane boom lifting capacities

HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/189.8									8.0 m
9.0 m				185.5	9.4m/168.9								9.0 m
10.0 m			174.8	166.5	158.7	151.5	10.7m/135.6	11.3m/123.2	11.9m/112.4				10.0 m
12.0 m	157.1	150.0	143.6	137.5	131.7	126.3	121.1	116.2	111.5	12.6m/101.2	13.2m/93.0		12.0 m
14.0 m	126.5	125.6	121.3	116.5	112.0	107.6	103.5	99.5	95.7	91.1	87.7	84.1	14.0 m
16.0 m	104.6	103.6	103.0	100.6	96.9	93.3	89.9	86.5	83.3	79.2	76.4	73.2	16.0 m
18.0 m	88.7	87.7	87.1	86.5	85.0	81.9	79.0	76.1	73.3	69.6	67.1	64.4	18.0 m
20.0 m	76.8	75.7	75.0	74.4	73.9	72.7	70.1	67.6	65.1	61.7	59.5	57.0	20.0 m
22.0 m	67.4	66.3	65.6	64.9	64.4	63.9	62.8	60.4	58.2	55.1	53.1	50.8	22.0 m
24.0 m	59.9	58.8	58.1	57.3	56.8	56.3	55.8	54.4	52.4	49.4	47.6	45.4	24.0 m
26.0 m	53.7	52.6	51.8	51.1	50.6	50.0	49.6	49.1	47.3	44.5	42.8	40.8	26.0 m
28.0 m	48.6	47.5	46.7	45.9	45.3	44.7	44.3	43.8	43.0	40.2	38.7	36.8	28.0 m
30.0 m	44.3	43.1	42.3	41.5	40.9	40.3	39.8	39.3	38.6	36.5	35.0	33.2	30.0 m
32.0 m	40.7	39.4	38.5	37.6	37.0	36.3	35.7	35.2	34.5	33.1	31.8	30.0	32.0 m
34.0 m	33.6m/38.0	36.0	35.1	34.2	33.5	32.8	32.2	31.7	31.0	29.6	28.9	27.2	34.0 m
36.0 m		33.1	32.1	31.1	30.4	29.7	29.1	28.6	27.9	26.4	26.0	24.6	36.0 m
38.0 m		30.5	29.4	28.5	27.7	27.0	26.4	25.8	25.2	23.7	23.2	22.3	38.0 m
40.0 m		38.8m/29.5	27.1	26.1	25.4	24.6	24.0	23.4	22.7	21.2	20.7	20.0	40.0 m
44.0 m			23.3	22.2	21.3	20.5	19.9	19.3	18.6	17.1	16.6	15.8	44.0 m
48.0 m				19.0	18.1	17.2	16.6	15.9	15.2	13.7	13.2	12.4	48.0 m
52.0 m				49.2m/18.2	15.5	14.5	13.8	13.1	12.4	10.8	10.3	9.5	52.0 m
56.0 m					54.4m/14.1	12.3	11.5	10.8	10.0	8.4	7.9	7.1	56.0 m
60.0 m						59.6m/10.6	9.6	8.8	8.0	6.4	5.9	5.0	60.0 m
64.0 m							7.9	7.1	6.3	4.7			64.0 m
68.0 m							64.8m/7.7	5.7	4.8				68.0 m
72.0 m								69.9m/5.0					72.0 m
Reeves	12	10	12	14	12	12	10	10	8	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

SHL Crane boom lifting capacities

HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/213.1									8.0 m
9.0 m				208.3	9.4m/189.8								9.0 m
10.0 m			196.3	187.1	178.6	170.5	10.7m/152.9	11.3m/139.2	11.9m/123.0				10.0 m
12.0 m	172.7	168.7	161.6	154.8	148.5	142.5	136.8	131.4	123.0	12.6m/115.0	13.2m/101.8		12.0 m
14.0 m	141.5	140.5	136.7	131.4	126.5	121.7	117.2	112.9	108.7	103.8	100.1	88.9	14.0 m
16.0 m	117.2	116.2	115.6	113.8	109.7	105.8	102.1	98.4	94.9	90.6	87.5	84.1	16.0 m
18.0 m	99.6	98.6	97.9	97.3	96.5	93.2	90.0	86.8	83.8	79.9	77.2	74.3	18.0 m
20.0 m	86.3	85.3	84.6	83.9	83.4	82.9	80.1	77.3	74.7	71.1	68.7	66.1	20.0 m
22.0 m	75.9	74.8	74.1	73.4	72.9	72.4	71.9	69.4	67.0	63.7	61.6	59.1	22.0 m
24.0 m	67.5	66.5	65.7	65.0	64.5	63.9	63.5	62.7	60.5	57.4	55.5	53.2	24.0 m
26.0 m	60.7	59.6	58.8	58.1	57.5	57.0	56.5	56.1	54.9	52.0	50.2	48.1	26.0 m
28.0 m	55.0	53.9	53.1	52.3	51.8	51.2	50.7	50.3	49.7	47.2	45.6	43.6	28.0 m
30.0 m	50.3	49.1	48.2	47.4	46.8	46.2	45.8	45.3	44.8	43.1	41.5	39.6	30.0 m
32.0 m	46.2	45.0	44.1	43.3	42.6	42.0	41.5	41.1	40.4	39.0	37.9	36.1	32.0 m
34.0 m	33.6m/43.4	41.4	40.5	39.6	39.0	38.3	37.7	37.2	36.5	35.1	34.6	32.9	34.0 m
36.0 m		38.2	37.2	36.3	35.6	34.9	34.3	33.7	33.1	31.6	31.1	30.1	36.0 m
38.0 m		35.4	34.3	33.4	32.6	31.9	31.3	30.7	30.0	28.6	28.1	27.3	38.0 m
40.0 m		38.8m/34.3	31.7	30.7	30.0	29.2	28.6	28.0	27.3	25.8	25.4	24.6	40.0 m
44.0 m			27.4	26.3	25.5	24.7	24.0	23.4	22.7	21.2	20.7	19.9	44.0 m
48.0 m				22.8	21.9	21.0	20.3	19.7	19.0	17.4	16.9	16.1	48.0 m
52.0 m				49.2m/21.9	18.9	18.0	17.3	16.6	15.8	14.3	13.8	13.0	52.0 m
56.0 m					54.4m/17.4	15.5	14.7	14.0	13.2	11.7	11.1	10.3	56.0 m
60.0 m						59.6m/13.6	12.5	11.8	11.0	9.4	8.8	8.0	60.0 m
64.0 m							10.7	9.9	9.1	7.4	6.9	6.0	64.0 m
68.0 m							64.8m/10.4	8.3	7.4	5.8	5.2		68.0 m
72.0 m								69.9m/7.6	6.0				72.0 m
76.0 m									75.1m/5.0				76.0 m
Reeves	12	12	14	16	14	12	12	10	10	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL CRANE - LIFTING CAPACITIES

Unit : Metric ton

SHL Crane boom lifting capacities
HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/263.9									8.0 m
9.0 m				258.2	9.4m/228.2								9.0 m
10.0 m			233.8	232.9	224.0	180.0	10.7m/167.4	11.3m/141.9	11.9m/123.0				10.0 m
12.0 m	196.8	195.9	195.2	194.3	186.9	179.7	167.4	141.9	123.0	12.6m/116.7	13.2m/101.8		12.0 m
14.0 m	168.7	167.8	167.1	165.7	159.8	154.1	148.7	141.9	123.0	116.7	101.8	88.9	14.0 m
16.0 m	146.1	145.1	144.5	143.9	139.1	134.5	130.0	125.7	121.6	116.7	101.8	88.9	16.0 m
18.0 m	124.5	123.5	122.8	122.2	121.8	118.9	115.1	111.4	107.9	103.5	100.4	88.9	18.0 m
20.0 m	108.2	107.2	106.5	105.8	105.3	104.8	103.0	99.7	96.7	92.7	89.9	86.9	20.0 m
22.0 m	95.4	94.4	93.6	93.0	92.5	91.9	91.5	90.0	87.2	83.6	81.1	78.3	22.0 m
24.0 m	85.2	84.1	83.3	82.6	82.1	81.5	81.1	80.7	79.2	75.8	73.6	71.0	24.0 m
26.0 m	76.8	75.7	74.9	74.2	73.6	73.0	72.6	72.2	71.6	69.1	67.1	64.7	26.0 m
28.0 m	69.8	68.6	67.8	67.1	66.5	65.9	65.5	65.0	64.5	63.3	61.4	59.2	28.0 m
30.0 m	63.9	62.7	61.9	61.1	60.5	59.9	59.4	58.9	58.4	57.7	56.4	54.3	30.0 m
32.0 m	58.9	57.6	56.7	55.9	55.3	54.7	54.2	53.7	53.2	52.4	51.9	50.0	32.0 m
34.0 m	33.6m/55.4	53.3	52.3	51.5	50.8	50.2	49.7	49.2	48.6	47.7	47.3	46.1	34.0 m
36.0 m		49.5	48.5	47.6	46.9	46.3	45.7	45.2	44.7	43.5	43.0	42.3	36.0 m
38.0 m		46.1	45.1	44.2	43.5	42.8	42.3	41.7	41.1	39.8	39.3	38.5	38.0 m
40.0 m		38.8m/44.9	42.1	41.2	40.4	39.7	39.2	38.6	37.9	36.4	35.9	35.2	40.0 m
44.0 m			37.0	35.9	35.0	34.2	33.6	33.0	32.3	30.8	30.3	29.5	44.0 m
48.0 m				31.5	30.6	29.7	29.0	28.4	27.6	26.1	25.6	24.8	48.0 m
52.0 m				49.2m/30.3	26.9	26.0	25.2	24.5	23.8	22.3	21.7	20.9	52.0 m
56.0 m					54.4m/25.0	22.8	22.1	21.3	20.6	19.0	18.5	17.7	56.0 m
60.0 m						59.6m/20.5	19.4	18.6	17.8	16.2	15.7	14.8	60.0 m
64.0 m							17.1	16.3	15.4	13.8	13.2	12.4	64.0 m
68.0 m							64.8m/16.7	14.3	13.4	11.7	11.1	10.3	68.0 m
72.0 m								69.9m/13.4	11.6	9.9	9.3	8.4	72.0 m
76.0 m									75.1m/10.4	8.3	7.7	6.8	76.0 m
80.0 m										6.9	6.2	5.3	80.0 m
84.0 m										80.3m/6.8	5.0		84.0 m
88.0 m											85.5m/4.5		88.0 m
Reeves	14	14	16	18	16	12	12	10	10	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ▭ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

SHL Crane boom lifting capacities
HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/267.0									8.0 m
9.0 m				267.0	9.4m/228.2								9.0 m
10.0 m			261.2	260.3	228.2	180.0	10.7m/167.4	11.3m/141.9	11.9m/123.0				10.0 m
12.0 m	219.9	219.0	218.3	217.4	216.6	180.0	167.4	141.9	123.0	12.6m/116.7	13.2m/101.8		12.0 m
14.0 m	188.6	187.7	187.0	186.1	185.4	180.0	167.4	141.9	123.0	116.7	101.8	88.9	14.0 m
16.0 m	164.8	164.0	163.3	162.4	161.7	160.8	157.9	141.9	123.0	116.7	101.8	88.9	16.0 m
18.0 m	146.2	145.3	144.7	143.8	143.1	142.2	140.2	136.0	123.0	116.7	101.8	88.9	18.0 m
20.0 m	130.1	129.0	128.4	127.7	127.2	126.7	125.8	122.1	118.6	114.2	101.8	88.9	20.0 m
22.0 m	114.9	113.9	113.2	112.5	112.0	111.4	111.0	110.5	107.4	103.4	100.6	88.9	22.0 m
24.0 m	102.8	101.7	101.0	100.3	99.7	99.2	98.8	98.3	97.8	94.2	91.6	86.0	24.0 m
26.0 m	92.8	91.7	90.9	90.2	89.7	89.1	88.6	88.2	87.7	86.2	83.9	81.3	26.0 m
28.0 m	84.5	83.4	82.6	81.8	81.2	80.6	80.2	79.8	79.2	78.5	77.2	74.7	28.0 m
30.0 m	77.5	76.3	75.5	74.7	74.1	73.5	73.0	72.6	72.0	71.3	70.9	69.0	30.0 m
32.0 m	71.5	70.3	69.4	68.6	68.0	67.4	66.9	66.4	65.8	65.1	64.7	63.8	32.0 m
34.0 m	33.6m/67.4	65.1	64.2	63.3	62.7	62.0	61.5	61.0	60.5	59.7	59.3	58.7	34.0 m
36.0 m		60.6	59.6	58.7	58.0	57.4	56.9	56.4	55.8	55.0	54.6	54.0	36.0 m
38.0 m		56.6	55.6	54.6	54.0	53.3	52.7	52.2	51.6	50.8	50.4	49.7	38.0 m
40.0 m		38.8m/55.2	52.0	51.1	50.3	49.6	49.1	48.5	47.9	47.0	46.5	45.8	40.0 m
44.0 m			46.1	45.0	44.2	43.4	42.8	42.3	41.6	40.3	39.8	39.0	44.0 m
48.0 m				40.1	39.2	38.4	37.7	37.1	36.3	34.8	34.3	33.5	48.0 m
52.0 m				49.2m/38.8	34.9	33.9	33.2	32.5	31.8	30.2	29.7	28.9	52.0 m
56.0 m					54.4m/32.6	30.2	29.4	28.7	27.9	26.4	25.8	25.0	56.0 m
60.0 m						59.6m/27.4	26.2	25.4	24.7	23.1	22.5	21.7	60.0 m
64.0 m							23.5	22.6	21.8	20.2	19.6	18.8	64.0 m
68.0 m							64.8m/23.0	20.2	19.4	17.7	17.1	16.3	68.0 m
72.0 m								69.9m/19.2	17.2	15.6	14.9	14.1	72.0 m
76.0 m									75.1m/15.8	13.7	13.0	12.1	76.0 m
80.0 m										12.0	11.3	10.4	80.0 m
84.0 m										80.3m/11.9	9.8	8.8	84.0 m
88.0 m											85.5m/9.3	7.4	88.0 m
90.7 m												6.6	90.7 m
Reeves	16	16	18	18	16	12	12	10	10	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ▭ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

SHL Crane boom lifting capacities

HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/267.0									8.0 m
9.0 m				267.0	9.4m/228.2								9.0 m
10.0 m			288.6	267.0	228.2	180.0	10.7m/167.4	11.3m/141.9	11.9m/123.0				10.0 m
12.0 m	242.9	242.0	241.3	240.4	228.2	180.0	167.4	141.9	123.0	12.6m/116.7	13.2m/101.8		12.0 m
14.0 m	208.5	207.6	206.9	206.1	205.3	180.0	167.4	141.9	123.0	116.7	101.8	88.9	14.0 m
16.0 m	182.4	181.5	180.8	179.9	179.2	178.3	167.4	141.9	123.0	116.7	101.8	88.9	16.0 m
18.0 m	161.8	161.0	160.3	159.4	158.7	157.8	157.1	141.9	123.0	116.7	101.8	88.9	18.0 m
20.0 m	145.2	144.4	143.8	142.9	142.2	141.3	140.6	139.7	123.0	116.7	101.8	88.9	20.0 m
22.0 m	131.6	130.8	130.1	129.3	128.6	127.7	127.0	126.1	122.9	116.7	101.8	88.9	22.0 m
24.0 m	120.2	119.3	118.6	117.9	117.2	116.3	115.6	114.7	114.0	112.5	100.0	86.0	24.0 m
26.0 m	108.9	107.8	107.0	106.3	105.7	105.1	104.7	104.3	103.7	103.1	96.7	83.0	26.0 m
28.0 m	99.3	98.1	97.3	96.6	96.0	95.4	94.9	94.5	93.9	93.3	92.9	80.0	28.0 m
30.0 m	91.1	90.0	89.1	88.3	87.7	87.1	86.7	86.2	85.6	84.9	84.6	77.8	30.0 m
32.0 m	84.2	83.0	82.1	81.3	80.7	80.0	79.5	79.1	78.5	77.8	77.4	75.0	32.0 m
34.0 m	33.6m/79.4	76.9	76.0	75.2	74.5	73.9	73.4	72.9	72.3	71.6	71.2	70.5	34.0 m
36.0 m		71.7	70.7	69.8	69.2	68.5	68.0	67.5	66.9	66.1	65.7	65.1	36.0 m
38.0 m		67.1	66.0	65.1	64.4	63.7	63.2	62.7	62.1	61.3	60.9	60.2	38.0 m
40.0 m		38.8m/65.4	61.9	60.9	60.2	59.5	59.0	58.4	57.8	57.0	56.6	55.9	40.0 m
44.0 m			55.0	53.9	53.1	52.3	51.8	51.2	50.6	49.7	49.3	48.6	44.0 m
48.0 m				48.2	47.3	46.5	45.9	45.3	44.6	43.5	43.0	42.2	48.0 m
52.0 m				49.2m/46.8	42.6	41.7	41.0	40.4	39.7	38.2	37.7	36.9	52.0 m
56.0 m					54.4m/40.2	37.6	36.8	36.1	35.3	33.7	33.2	32.4	56.0 m
60.0 m						59.6m/34.3	33.1	32.3	31.5	29.9	29.3	28.5	60.0 m
64.0 m							29.9	29.0	28.2	26.6	26.0	25.2	64.0 m
68.0 m							64.8m/29.3	26.2	25.4	23.7	23.1	22.3	68.0 m
72.0 m								69.9m/25.0	22.9	21.2	20.6	19.7	72.0 m
76.0 m									75.1m/21.2	19.0	18.3	17.4	76.0 m
80.0 m										17.0	16.3	15.4	80.0 m
84.0 m										80.3m/16.9	14.6	13.6	84.0 m
88.0 m											85.5m/14.0	12.0	88.0 m
90.7 m												11.0	90.7 m
Reeves	18	18	20	18	16	12	12	10	10	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

SHL Crane boom lifting capacities

HI mast point radius : 13 m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

Load Radius	Boom Length												Load Radius
	36.0 m	42.0 m	48.0 m	54.0 m	60.0 m	66.0 m	72.0 m	78.0 m	84.0 m	90.0 m	96.0 m	102.0 m	
8.0 m				8.8m/267.0									8.0 m
9.0 m				267.0	9.4m/228.2								9.0 m
10.0 m			289.5	267.0	228.2	180.0	10.7m/167.4	11.3m/141.9	11.9m/123.0				10.0 m
12.0 m	258.3	257.4	256.7	255.8	228.2	180.0	167.4	141.9	123.0	12.6m/116.7	13.2m/101.8		12.0 m
14.0 m	221.8	220.9	220.2	219.3	218.6	180.0	167.4	141.9	123.0	116.7	101.8	88.9	14.0 m
16.0 m	194.0	193.2	192.5	191.6	190.9	180.0	167.4	141.9	123.0	116.7	101.8	88.9	16.0 m
18.0 m	172.2	171.4	170.7	169.9	169.2	168.3	167.4	141.9	123.0	116.7	101.8	88.9	18.0 m
20.0 m	154.7	153.8	153.2	152.3	151.6	150.7	150.0	141.8	123.0	116.7	101.8	88.9	20.0 m
22.0 m	140.2	139.4	138.7	137.9	137.2	136.3	135.6	134.7	122.9	116.7	101.8	88.9	22.0 m
24.0 m	128.1	127.3	126.6	125.8	125.1	124.2	123.5	122.6	121.9	116.0	100.0	86.0	24.0 m
26.0 m	117.8	117.0	116.3	115.5	114.8	113.9	113.2	112.3	111.6	110.7	96.7	83.0	26.0 m
28.0 m	108.9	108.0	107.1	106.4	105.8	105.1	104.3	103.5	102.7	101.8	93.6	80.0	28.0 m
30.0 m	100.2	99.1	98.2	97.4	96.8	96.2	95.7	95.3	94.7	94.0	90.7	77.8	30.0 m
32.0 m	92.7	91.4	90.5	89.7	89.1	88.5	88.0	87.5	87.0	86.2	85.8	75.0	32.0 m
34.0 m	33.6m/87.4	84.8	83.9	83.1	82.4	81.8	81.3	80.8	80.2	79.5	79.1	73.0	34.0 m
36.0 m		79.1	78.1	77.2	76.6	75.9	75.4	74.9	74.3	73.5	73.1	71.0	36.0 m
38.0 m		74.1	73.0	72.1	71.4	70.7	70.2	69.7	69.1	68.3	67.9	67.2	38.0 m
40.0 m		38.8m/72.2	68.5	67.5	66.8	66.1	65.6	65.0	64.4	63.6	63.2	62.5	40.0 m
44.0 m			61.0	59.9	59.1	58.3	57.7	57.1	56.5	55.7	55.2	54.6	44.0 m
48.0 m				53.7	52.8	51.9	51.3	50.7	50.0	49.2	48.7	48.0	48.0 m
52.0 m				49.2m/52.0	47.6	46.7	46.0	45.3	44.7	43.5	43.0	42.2	52.0 m
56.0 m					54.4m/44.9	42.3	41.5	40.8	40.1	38.6	38.1	37.3	56.0 m
60.0 m						59.6m/38.9	37.6	36.8	36.0	34.5	33.9	33.1	60.0 m
64.0 m							34.1	33.3	32.5	30.9	30.3	29.4	64.0 m
68.0 m							64.8m/33.5	30.2	29.4	27.7	27.1	26.3	68.0 m
72.0 m								69.9m/28.9	26.6	25.0	24.3	23.5	72.0 m
76.0 m									75.1m/24.8	22.5	21.9	21.0	76.0 m
80.0 m										20.4	19.7	18.8	80.0 m
84.0 m										80.3m/20.3	17.8	16.8	84.0 m
88.0 m											85.5m/17.1	15.0	88.0 m
90.7 m												14.0	90.7 m
Reeves	18	18	20	18	16	12	12	10	10	8	8	6	Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL CRANE - LIFTING CAPACITIES

Unit : Metric ton

SHL Crane boom lifting capacities
HI mast point radius : 13 m

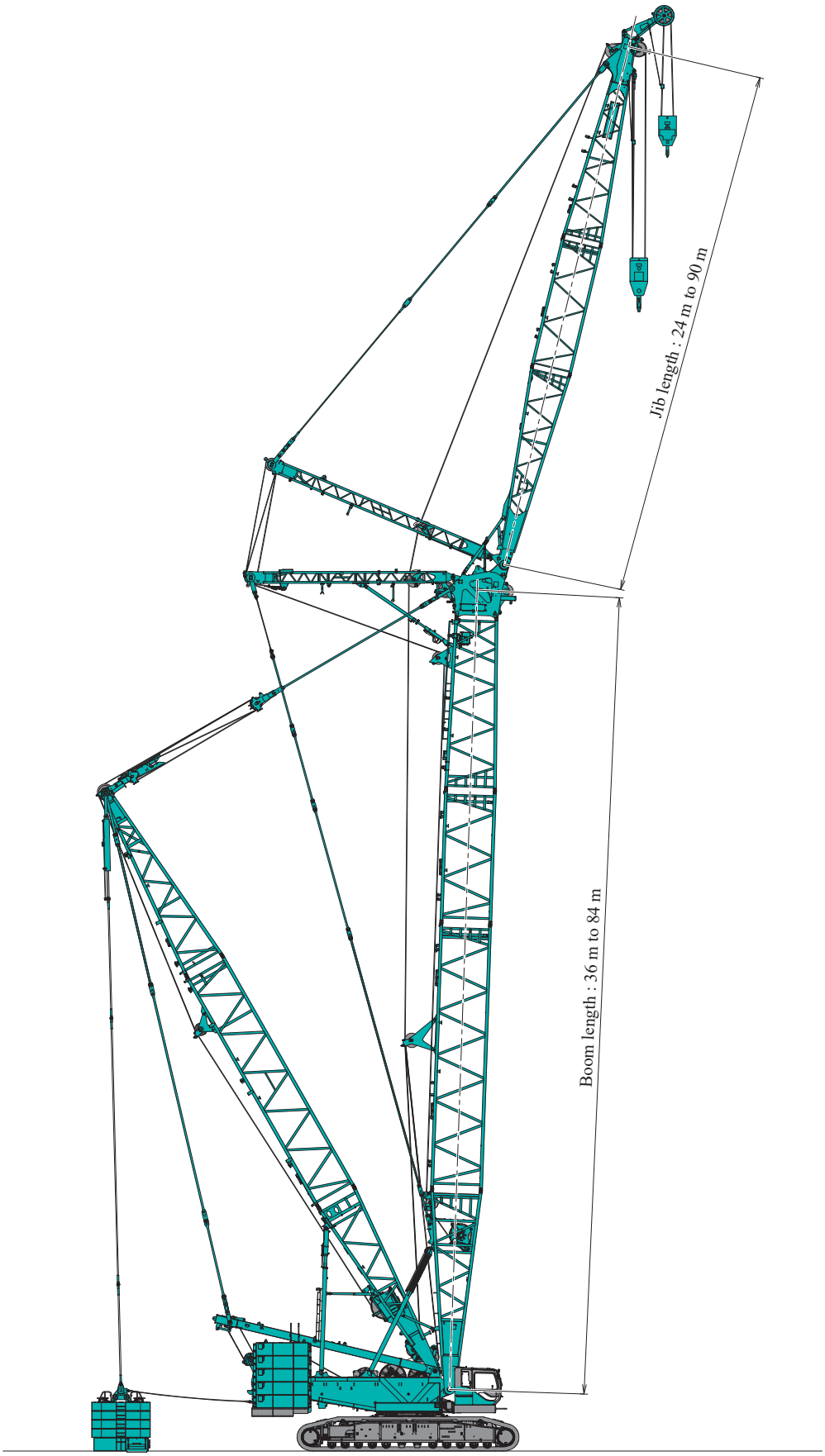
Counterweight : 100 t
Carbody weight : 40 t
Pallet weights : 180 t

Load Radius	Boom Length													Load Radius
	30.0 m													
8.0 m	350.0													8.0 m
9.0 m	334.4													9.0 m
10.0 m	318.8													10.0 m
12.0 m	291.6													12.0 m
14.0 m	250.0													14.0 m
16.0 m	218.7													16.0 m
18.0 m	194.4													18.0 m
20.0 m	174.9													20.0 m
22.0 m	159.0													22.0 m
24.0 m	144.9													24.0 m
26.0 m	129.2													26.0 m
28.0 m	115.3													28.0 m
30.0 m	28.4m/112.6													30.0 m
Reeves	24													Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Luffing Jib

Unit : m

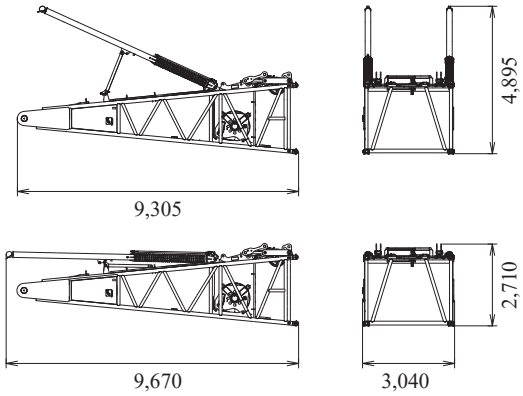


Dimensions : mm Weight : kg

9 m Boom Base

Weight : 12,675 kg

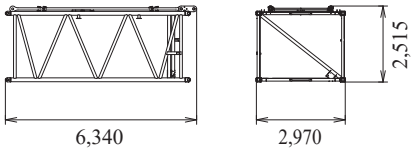
- W2 winch and wirerope ○
- Guide sheave ○
- Boom backstop ○
- Walkway ○
- Guy lines for boom and strut guy lines ○
- Reeving winch and wirerope ○



6 m Boom Insert

Weight : 2,510 kg

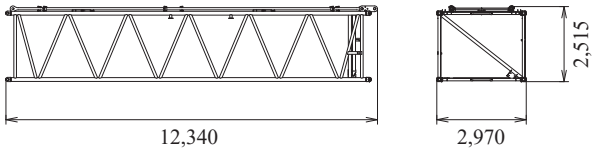
Includes walkway, guy lines for boom and strut guy lines.



12 m Boom Insert

Weight : 4,375 kg

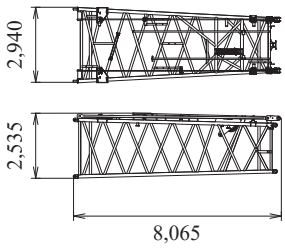
Includes walkway, guy lines for boom and strut guy lines.



7.8 m Taper Boom Insert

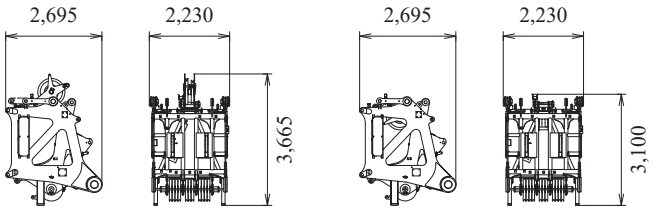
Weight : 3,630 kg

Includes walkway, hand rail, guide sheave, guy lines for boom and strut guy lines.



Boom Tip

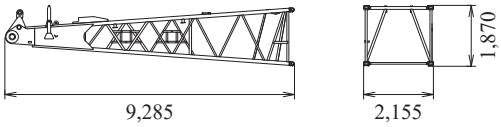
Weight : 4,580 kg



Luffing Jib Base

Weight : 2,770 kg

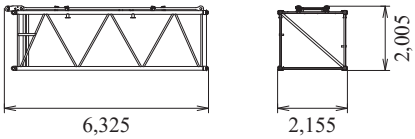
Includes walkway.



6 m Luffing Jib Insert

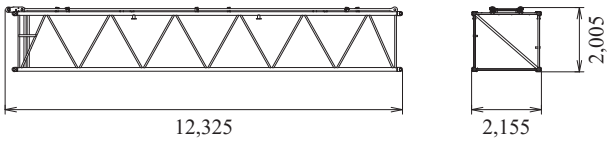
Weight : 1,075 kg

Includes guy lines and walkway.

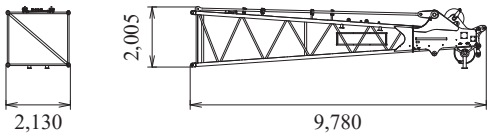


Dimensions : mm Weight : kg

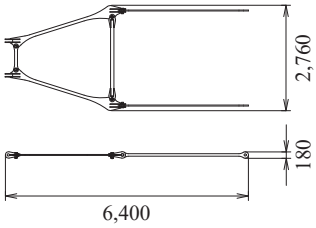
12 m Luffing Jib Insert
Weight : 1,890 kg
Includes guy lines and walkway.



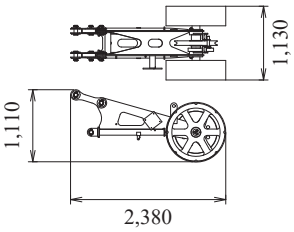
Luffing Jib Tip
Weight : 3,000 kg
Includes guy lines and walkway.



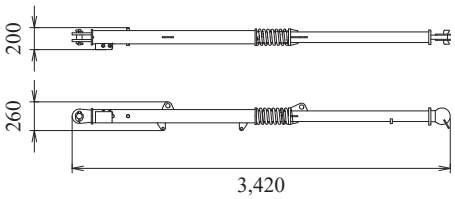
Link Assy
Weight : 375 kg



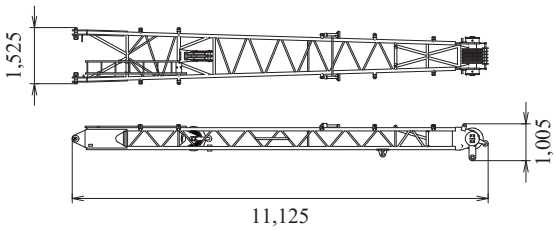
Auxiliary Sheave
Weight : 735 kg



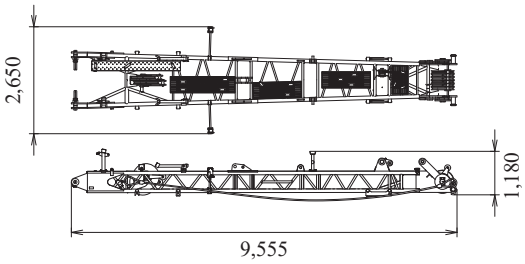
Luffing Jib back stop
Weight : 295 kg



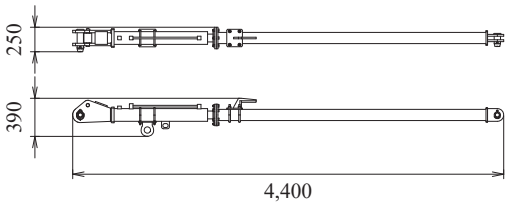
Front Strut (Luffing Jib)
Weight : 2,080 kg



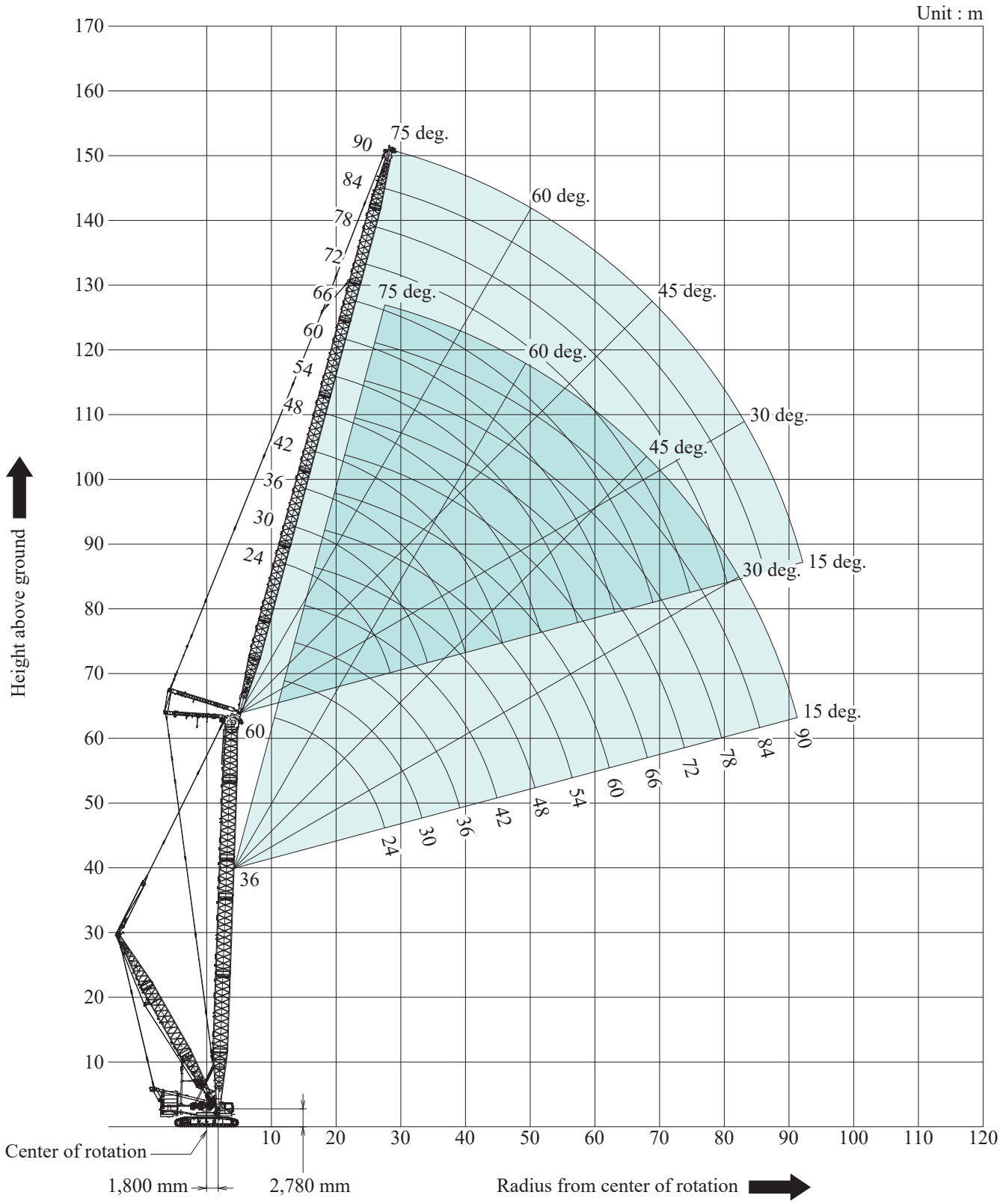
Rear Strut (Luffing Jib)
Weight : 2,420 kg
Includes sling and walkway.



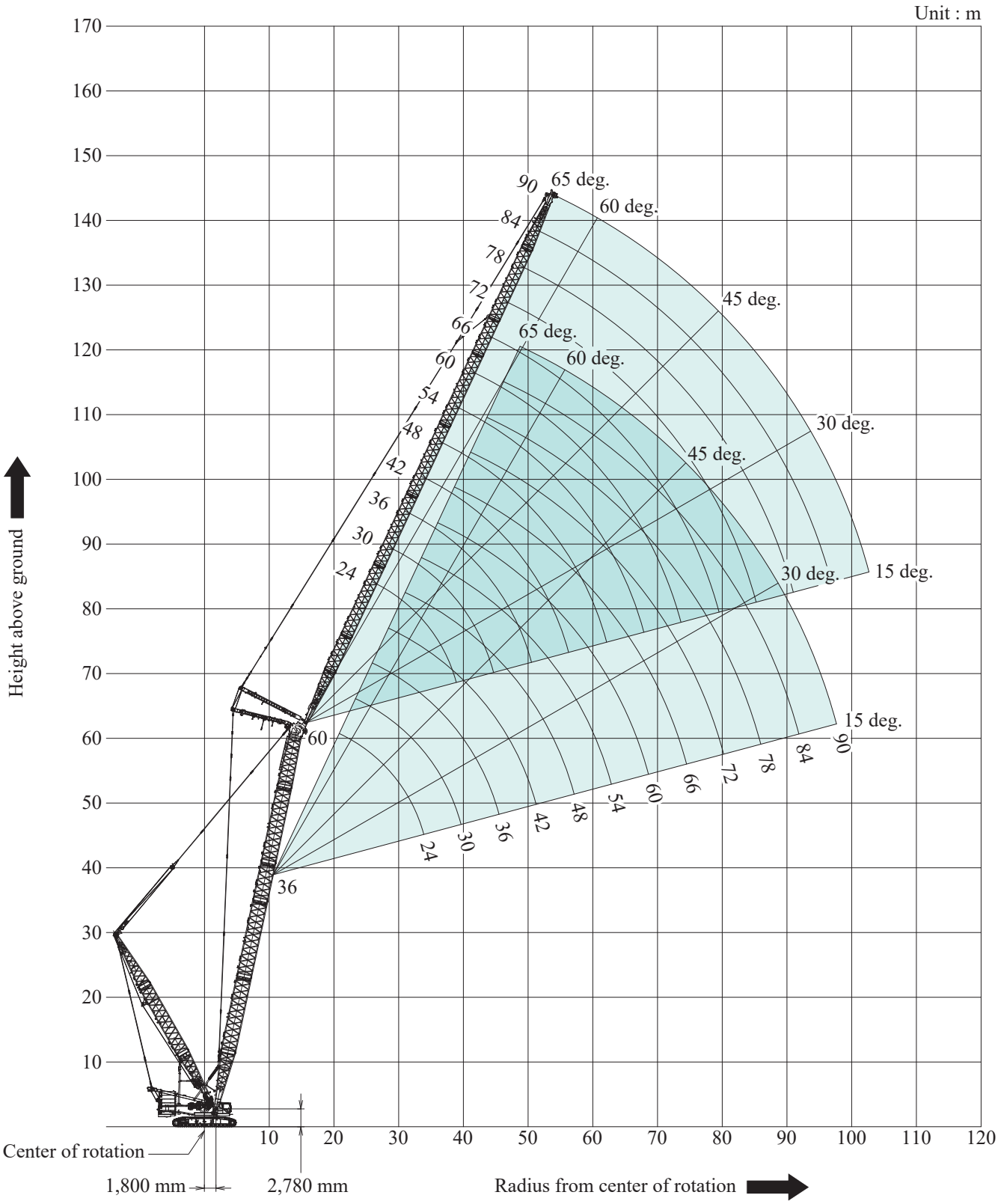
Luffing Jib Strut Backstop
Weight : 225 kg



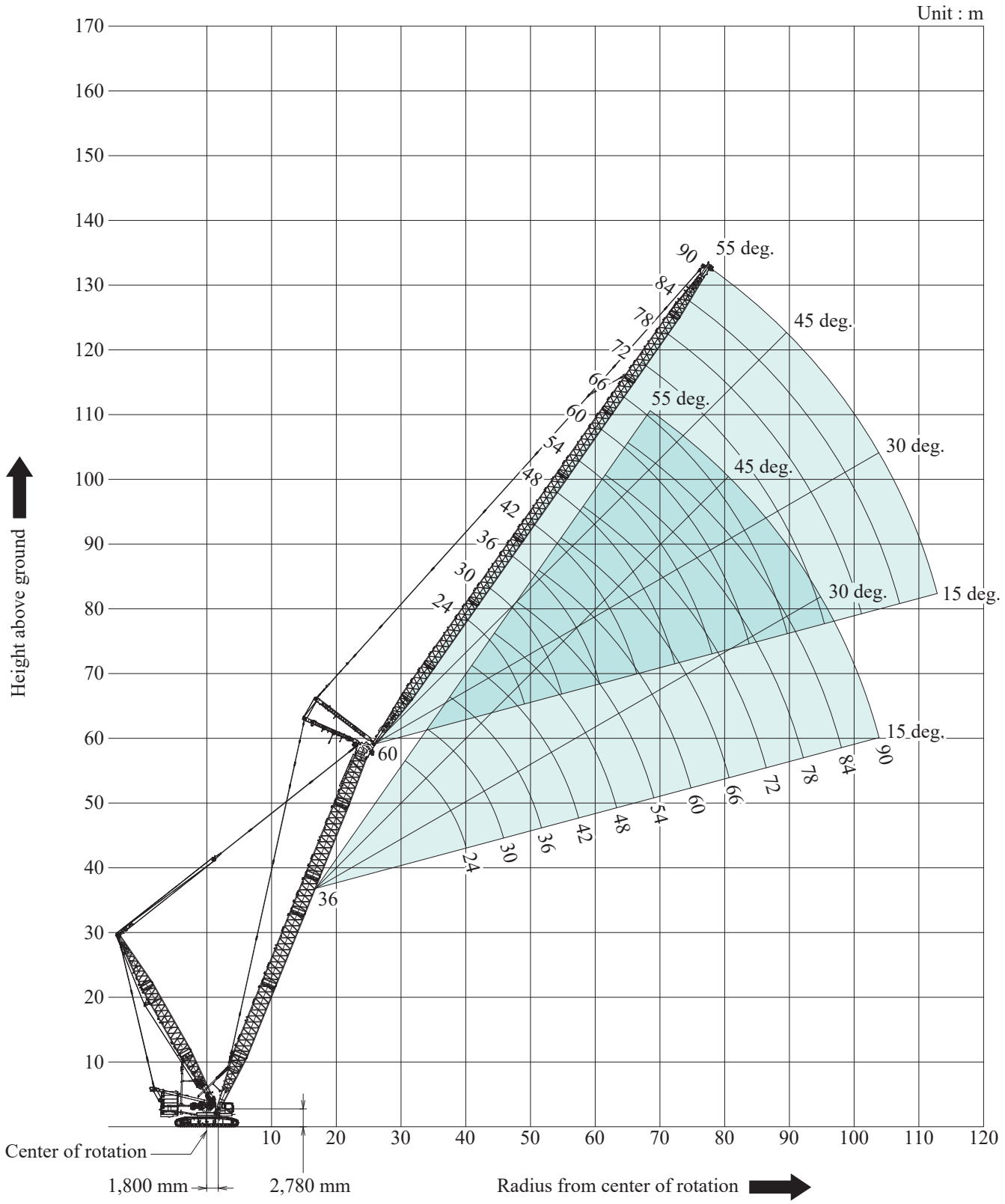
Heavy Lift Luffing Jib 88 deg



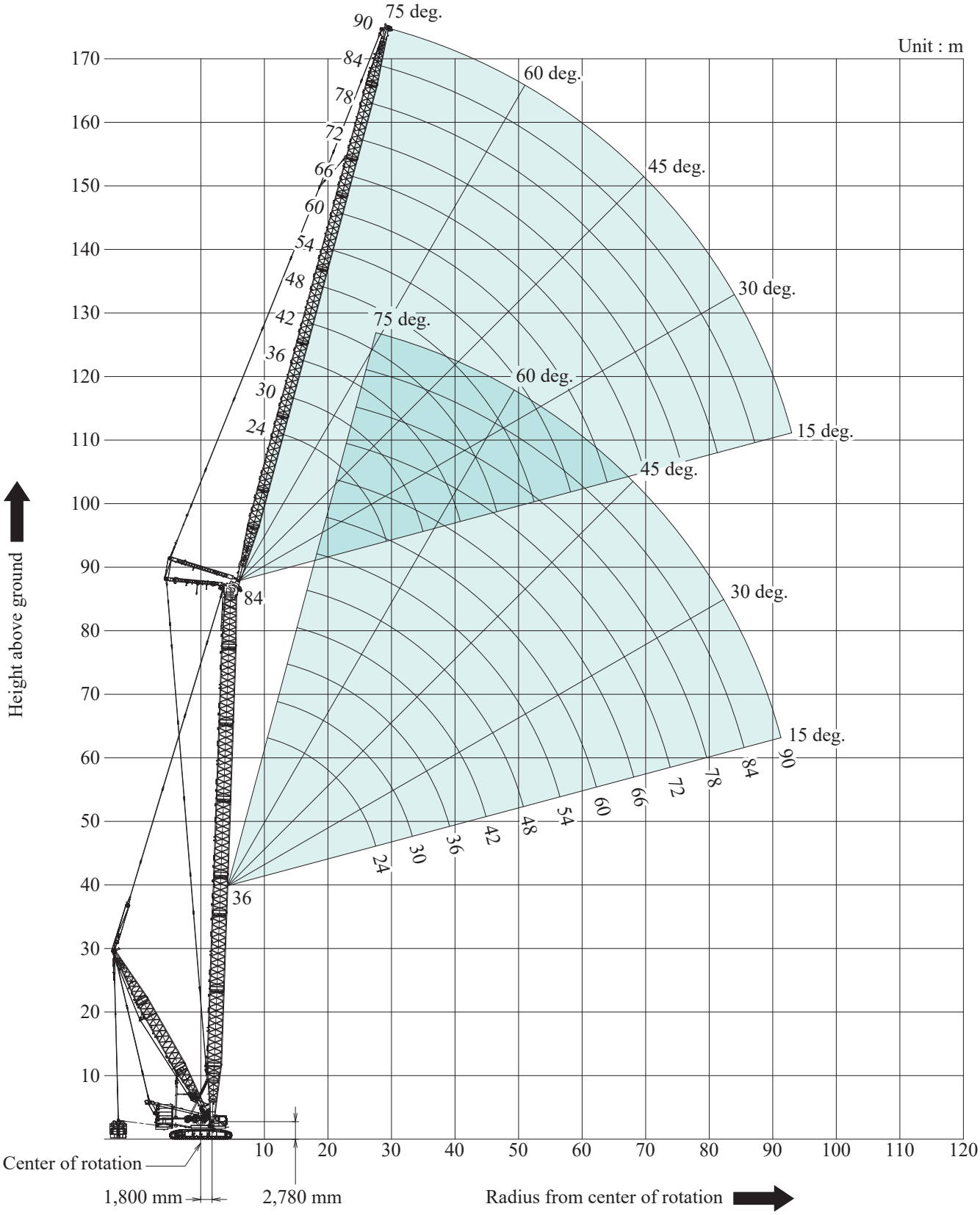
Heavy Lift Luffing Jib 78 deg



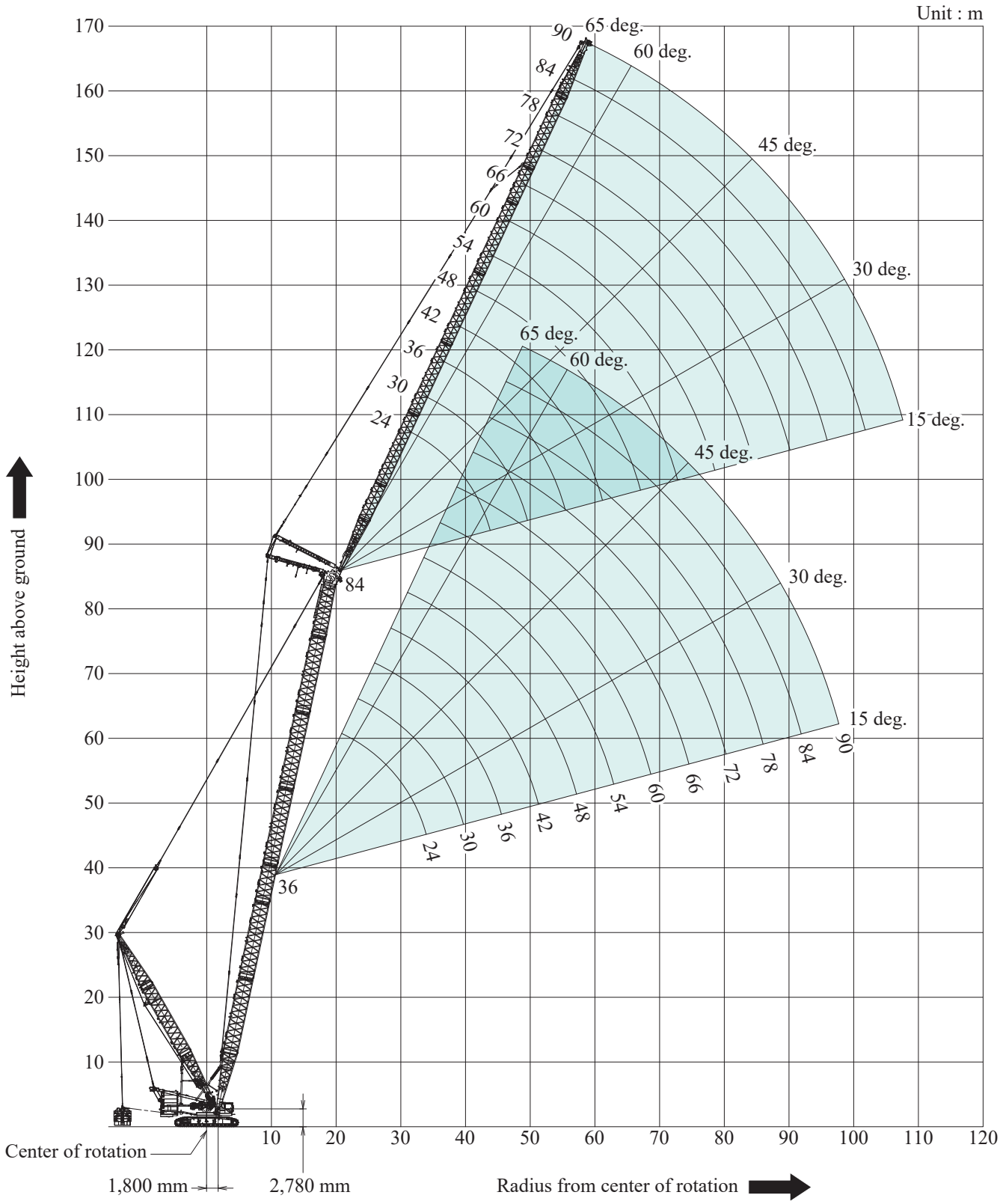
Heavy Lift Luffing Jib 68 deg



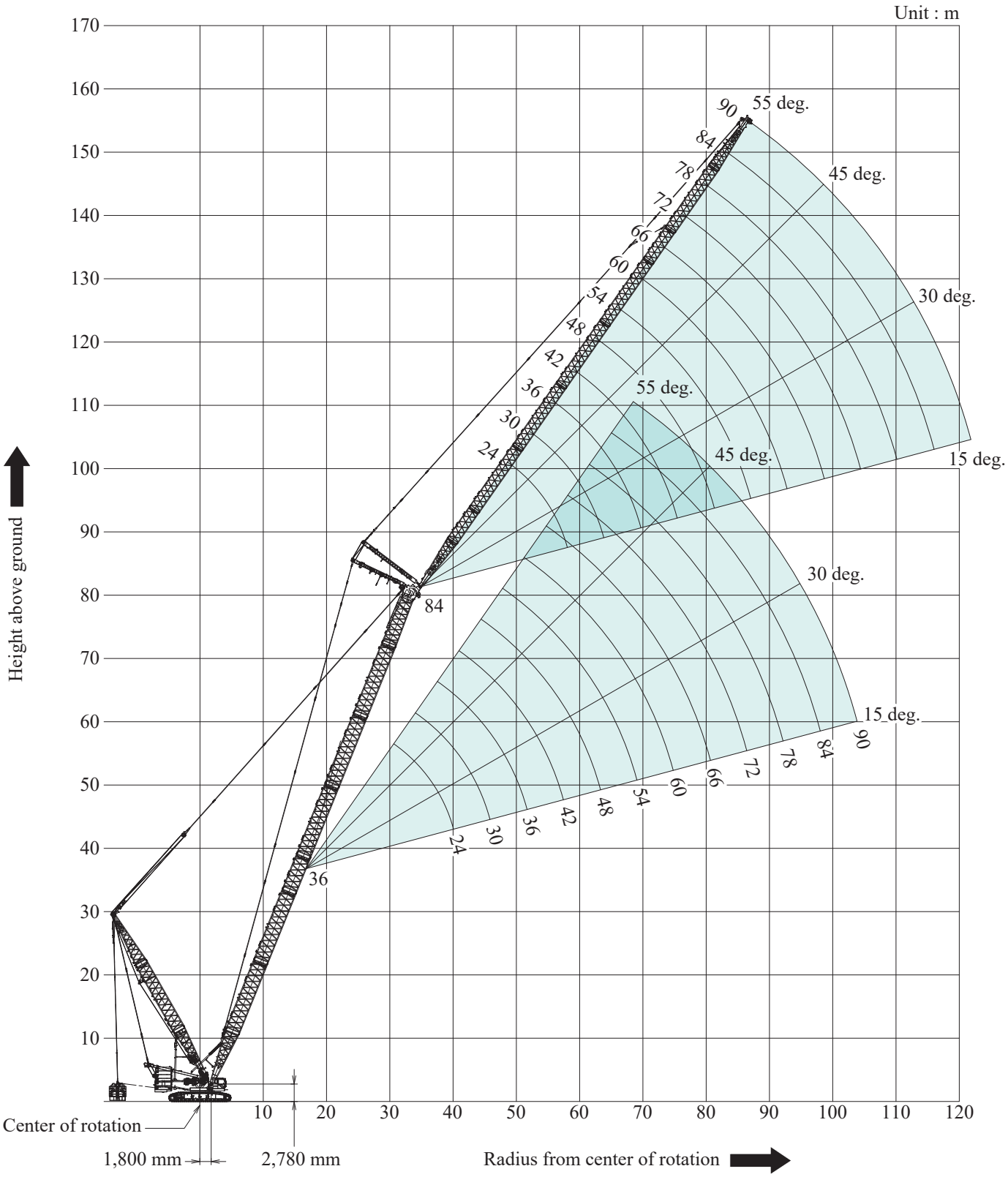
Super Heavy Lift Luffing Jib 88 deg



Super Heavy Lift Luffing Jib 78 deg



Super Heavy Lift Luffing Jib 68 deg



Boom Arrangement For Luffing

Boom length : m (ft)	Boom arrangement	HL	SHL
36 (118)	* 9 L 12a 6 7.8T U	○	○
42 (138)	* 9 L 12a 6 6 7.8T U 9 L 12a 12 7.8T U	○	○
48 (157)	* 9 L 12a 12 6 7.8T U	○	○
54 (177)	* 9 L 12a 6 6 12 7.8T U 9 L 12a 12 12 7.8T U	○	○
60 (197)	* 9 L 12a 12 6 12 7.8T U	○	○
66 (217)	* 9 L 12a 6 6 12 12 7.8T U 9 L 12a 12 12 12 7.8T U	×	○
72 (236)	* 9 L 12a 12 6 12 12 7.8T U	×	○
78 (256)	* 9 L 12a 6 6 12 12 12 7.8T U 9 L 12a 12 12 12 12 7.8T U	×	○
84 (276)	* 9 L 12a 12 6 12 12 12 7.8T U	×	○

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

Symbol	Length	Remarks
9 L	9 m (30 ft)	Boom Base
U	1.2 m (4 ft)	Boom Tip
6	6 m (20 ft)	Boom Insert
12	12 m (40 ft)	Boom Insert
12a	12 m (40 ft)	Special Boom Insert
7.8 T	7.8 m (26 ft)	Taper Boom Insert

* Actual length of boom sections are metric such as 6 m, 9 m and 12 m. The value shown above or in the chart are approximate conversions to feet.

Luffing Jib Arrangement

Boom length : m (ft)	Jib arrangement
24 (78)	* 9 LJ 6 9 UJ
30 (98)	* 9 LJ 6 6 9 UJ 9 LJ 12 9 UJ
36 (118)	* 9 LJ 6 12 9 UJ
42 (138)	* 9 LJ 6 6 12 9 UJ 9 LJ 12 12 9 UJ
48 (157)	* 9 LJ 6 12 12 9 UJ
54 (177)	* 9 LJ 6 6 12 12 9 UJ 9 LJ 12 12 12 9 UJ
60 (197)	* 9 LJ 6 12 12 12 9 UJ
66 (217)	* 9 LJ 6 12 12 6 12 9 UJ
72 (236)	9 LJ 12 12 12 6 12 9 UJ
78 (256)	* 9 LJ 6 12 12 12 6 12 9 UJ
84 (276)	9 LJ 12 12 12 12 6 12 9 UJ
90 (295)	* 9 LJ 6 12 12 12 12 6 12 9 UJ

✱ Indicates the most flexible combination of boom inserts, which can be modified to form all shorter boom arrangements.
↖ Mark shows the position for center hitch link.

Symbol	Length	Remarks
9 LJ	9 m (30 ft)	Luffing Jib Base
9 UJ	1.2 m (4 ft)	Luffing Jib Tip
6	6 m (20 ft)	Luffing Jib Insert
12	12 m (40 ft)	Luffing Jib Insert

* Actual length of boom sections are metric such as 6 m, 9 m and 12 m. The value shown above or in the chart are approximate conversions to feet.

- Ratings are calculated to comply with EN13000, ISO 4305 and include factors based on a 4 degree tipping angle.

- 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 the 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 12 parts of line.

- Jib hoist reeving is 10 parts of line.

- Boom and jib backstops are required for all boom and jib combinations.

- Ratings inside of boxes ▭ are determined by the strength of materials.

- The boom should be erected over the front of the crawlers, not laterally.

- When erecting or lowering the boom length of 60.0 m or over and a luffing jib of any length, the blocks for erection must be placed at the end of the crawlers.

[For HL Luffing]

- The minimum rated load is 4.4 t.

- All ratings shown are calculated on the condition the machine is equipped with the auxiliary sheave frame.

[Luffing Jib Lifting]

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

[Luffing Jib Lifting With Auxiliary Sheave Hook Block]

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

[Auxiliary Sheave Lifting With Luffing Jib Hook Block]

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

- It should not exceed 15.0 t in case of one reeve.
  And it should not exceed 30.0 t in case of two reeves.

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

- Auxiliary sheave can be mounted on all of boom and jib combinations.

1. Luffing boom and jib combinations.

Boom Length : m	Jib Length : ft					
	24	30	36	42	48	54
36	○	○	○	○	○	○
42	○	○	○	○	○	○
48	○	○	○	○	○	○
54	○	○	○	○	○	○
60	○*	○*	○*	○*	○*	○*
66	○**	○**	○**	○**	○**	○**
72	○**	○**	○**	○**	○**	○**
78	○**	○**	○**	○**	○**	○**
84	○**	○**	○**	○**	○**	○**

Boom Length : m	Jib Length : ft					
	60	66	72	78	84	90
36	○	○	○	○	○	○
42	○	○	○	○	○	○
48	○	○	○	○	○	○
54	○	○	○	○	○	○
60	○*	○*	○*	○*	○*	○*
66	○**	○**	○**	○**	○**	○**
72	○**	○**	○**	○**	○**	○**
78	○**	○**	○**	○**	○**	○**
84	○**	○**	○**	○**	○**	○**

○ : HL luffing jib and SHL luffing jib combinations which is allowed.

○* : HL Luffing jib and SHL luffing jib combinations which is allowed. HL luffing jib combinations when erecting and lowering the boom, the blocks for erection must be placed at the end of the crawlers.

○** : SHL luffing jib combinations which is allowed.

2. Minimum required pallet weight for raising and lowering of shl luffing configuration.

Unit : t

Boom Length : m	Jib Length : ft					
	24	30	36	42	48	54
36	0	0	0	0	0	0
42	0	0	0	0	0	0
48	0	0	0	0	0	0
54	0	0	0	0	0	0
60	0	0	0	0	0	0
66	10	10	10	10	10	40
72	40	40	40	40	40	40
78	70	70	70	70	70	70
84	70	70	70	70	70	70

Boom Length : m	Jib Length : ft					
	60	66	72	78	84	90
36	0	0	0	0	0	0
42	0	0	0	0	0	0
48	0	0	0	0	0	0
54	0	0	0	0	0	0
60	10	10	10	10	10	10
66	40	40	40	40	40	40
72	40	40	40	40	70	70
78	70	70	70	70	70	70
84	70	100	100	100	100	100

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

Jib Hoist Loads (Single Drum)

No. of Parts of line	1	2	3	4
Max. Loads : kN	147	294	441	588
Max. Loads : t	15.0	30.0	45.0	60.0

No. of Parts of line	5	6	7	8
Max. Loads : kN	735	883	1,030	1,177
Max. Loads : t	75.0	90.0	105.0	120.0

Jib Hoist Loads (Double Drum)

No. of Parts of line	4	6	8
Max. Loads : kN	588	883	1,177
Max. Loads : t	60.0	90.0	120.0

Auxiliary Hoist Loads

No. of Parts of line	1	2
Max. Loads : kN	147	294
Max. Loads : t	15.0	30.0

- Weight of recommended hook block.

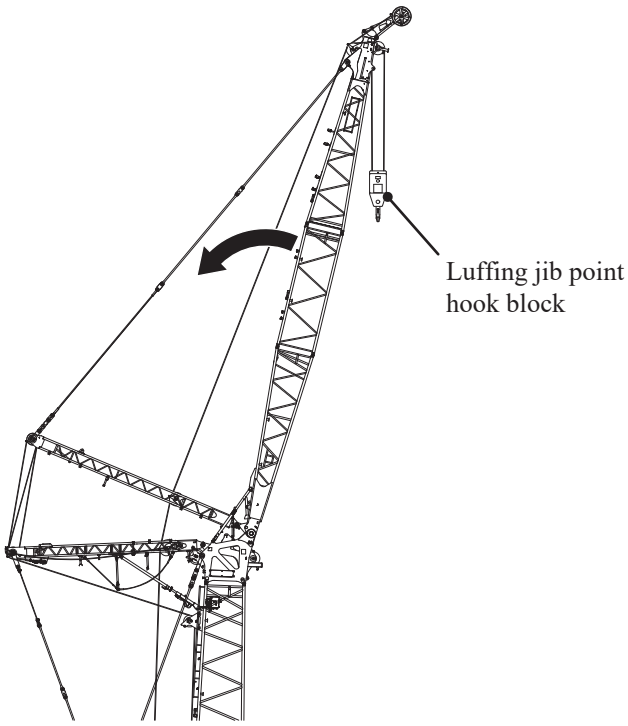
Hook block	200 ton	100 ton	45 ton	15 ton Ball Hook
Weight : t	4.10	2.70	2.20	0.90

4. Hook block and number of reeving parts of line restriction.

(1) The self-weight of luffing jib point hook block must be heavier than or equal to the table below.
(2) Total number of reeving parts of line on luffing jib point hook block must be larger than or equal to the table below.

DANGER

Follow the both (1) and (2) above at a same time for the luffing jib operation.
Otherwise luffing jib may tip over the backwards due to lack of weight on front side of boom.
Failure to observe this precaution may lead to the jib tipping backwards and resulted to machine collapsing.



CKE3000G-2 minimum hook block self-weight and minimum number of reeving parts of line on hook block

Boom Length	Jib Length	24 m	30 m	36 m	42 m	48 m	54 m	60 m	66 m	72 m	78 m	84 m	90 m
36 m	Hook Block Self-Weight : kg	4,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
42 m	Hook Block Self-Weight : kg	4,100	2,700	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
48 m	Hook Block Self-Weight : kg	4,100	2,700	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
54 m	Hook Block Self-Weight : kg	4,100	2,700	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
60 m	Hook Block Self-Weight : kg	4,100	4,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
66 m	Hook Block Self-Weight : kg	4,100	4,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
72 m	Hook Block Self-Weight : kg	4,100	4,100	2,700	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
78 m	Hook Block Self-Weight : kg	4,100	4,100	4,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2
84 m	Hook Block Self-Weight : kg	4,100	4,100	4,100	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
	No. of Parts Line	2	2	2	2	2	2	2	2	2	2	2	2

Weight of KOBELCO genuine hook block. 200 t hook block 4,100 kg
100 t hook block 2,700 kg
45 t hook block 2,200 kg

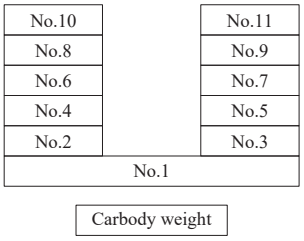
- Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

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

[Reference Information]

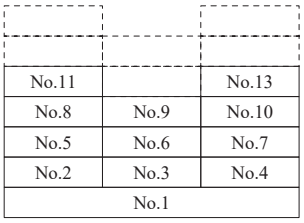
Assembling the counterweight

Counterweight : 120 t
Carbody weight : 40 t

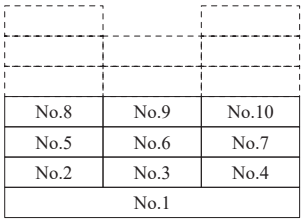


Assembling the pallet weight

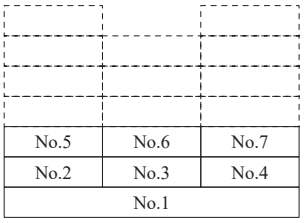
Pallet weight : 120 t



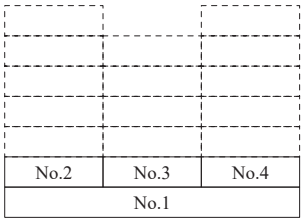
Pallet weight : 100 t



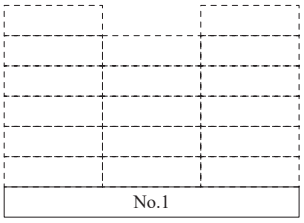
Pallet weight : 70 t



Pallet weight : 40 t



Pallet weight : 10 t



Unit : Metric ton

Luffing Jib lifting capacities

Counterweight : 120 t
Carbody weight : 40 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		116.3																							14.0
15.0		108.8					105.8	105.0					92.7												15.0
16.0		102.1					100.5	98.8					89.9						78.2						16.0
17.0	96.2	95.0	93.0				94.9	93.1					87.2	90.0					76.1						17.0
18.0	90.0	88.7	86.8				89.1	87.8					84.6	85.6					74.0						18.0
19.0	84.3	83.1	81.3				83.5	82.3	80.4				82.1	81.2					71.9	74.6					19.0
20.0	79.3	78.1	76.5				78.5	77.3	75.6				78.6	77.2					69.5	72.5					20.0
22.0	70.0	69.7	68.2	65.7			70.0	69.0	67.4				70.1	69.0	67.3				65.1	68.0					22.0
24.0	56.1	62.8	61.5	59.2			63.1	62.1	60.7	58.3			63.1	62.1	60.6				61.0	62.0	60.1				24.0
26.0	44.2	53.2	55.8	53.8			57.2	56.5	55.2	53.0			57.3	56.4	55.1				56.8	56.3	54.9				26.0
28.0		41.3	51.1	49.2	47.3		50.6	51.7	50.4	48.4			52.2	51.6	50.3	48.3			51.8	51.4	50.2				28.0
30.0			42.6	45.3	43.5		41.7	47.5	46.4	44.6	42.7		47.6	47.5	46.3	44.4			47.6	47.3	46.1	44.1			30.0
34.0					37.4	35.9		31.6	39.9	38.3	36.7		38.1	40.8	39.8	38.1	36.5		40.4	40.6	39.5	37.8			34.0
38.0						31.2				33.4	32.0	30.6	26.3	31.0	34.7	33.1	31.6	30.2	34.5	35.3	34.4	32.8	31.2		38.0
42.0											28.2	26.9			26.1	29.2	27.8	26.5	25.5	29.2	30.2	28.8	27.4	26.0	42.0
46.0																	24.7	23.5		16.3	25.9	25.6	24.3	23.0	46.0
50.0																		21.1				22.9	21.7	20.6	50.0
54.0																							19.6	18.6	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	53.7				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	50.1				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	46.1				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	39.5	37.7			32.9	34.2	36.3	36.7			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	34.4	32.7			29.2	30.4	32.2	32.5			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	30.2	28.7	27.3		26.1	27.0	28.6	28.4	26.9		21.9	22.7	24.1	26.6			21.0	23.9	27.4	26.3			42.0
46.0	24.0	26.5	26.8	25.5	24.2	22.9	23.0	24.2	25.5	25.2	23.9		19.5	20.2	21.4	23.5	23.0		17.4	19.9	24.1	24.2			46.0
50.0	11.9	19.0	24.0	22.8	21.6	20.5	18.9	20.5	22.5	22.5	21.3	19.6	16.3	18.0	19.1	20.9	21.1		13.3	16.4	20.1	21.5	19.4		50.0
54.0				20.6	19.5	18.4	13.4	16.6	18.4	20.3	19.1	18.1	12.9	14.7	16.3	18.6	18.9	16.9	9.9	12.4	16.7	19.3	18.1		54.0
58.0					17.7	16.7			14.9	17.7	17.3	16.3	10.2	11.8	13.2	15.6	17.1	16.1	7.0	9.0	12.8	17.3	16.2	14.3	58.0
62.0						15.2				14.2	15.7	14.8	4.6	9.2	10.4	12.6	14.9	14.6	4.7	6.3	9.2	15.5	14.7	13.7	62.0
66.0											13.6	13.5				9.9	12.0	13.3			6.3	11.7	13.3	12.4	66.0
70.0																	9.4	11.3				8.0	12.1	11.1	70.0
74.0																		8.8				4.9	10.0	10.0	74.0
78.0																								9.1	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	25.3			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	16.5			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	15.8				8.4	13.3	14.2				6.3	11.5	12.9					8.3			58.0
62.0			7.1	12.3	14.2	12.0			4.6	12.2	13.0	11.1				8.5	12.2					7.4	8.1		62.0
66.0				9.6	12.9	11.9				9.0	12.0	11.1				5.9	10.5	9.0				6.1	7.2		66.0
70.0				6.7	10.6	10.6				4.8	11.1	10.3					7.6	9.0					6.4	7.0	70.0
74.0					8.0	9.5					9.1	9.2					5.1	8.7					5.6	6.3	74.0
78.0					5.6	8.6					4.6	8.2						6.6						5.6	78.0
82.0						6.3						7.4												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ▭ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Counterweight : 120 t
Carbody weight : 40 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	113.9	111.4					109.9																		14.0
15.0	106.7	104.3					103.0						93.1												15.0
16.0	100.3	98.2					97.1	94.7					90.3						78.5						16.0
17.0	94.8	92.6	89.3				91.6	89.5					87.6	86.6					76.3						17.0
18.0	89.2	87.6	84.8				86.7	84.9					84.3	82.4					74.2						18.0
19.0	83.6	82.1	79.9				82.5	80.6	77.4				80.1	78.2					72.2	75.3					19.0
20.0	78.6	77.2	75.1				78.2	76.6	74.0				76.2	74.4					69.9	72.1					20.0
22.0	70.1	68.9	67.0				69.7	68.4	66.5				69.4	68.0	64.9				65.4	66.0					22.0
24.0	58.2	62.0	60.4	57.6			62.8	61.6	59.9				62.8	61.6	59.8				61.2	60.5	57.5				24.0
26.0	45.9	56.4	54.8	52.3			57.1	56.0	54.4	51.7			57.0	55.9	54.3				57.0	55.8	54.0				26.0
28.0		44.2	50.2	47.8	45.5		52.2	51.2	49.7	47.3			52.2	51.2	49.6	47.1			52.1	51.0	49.4				28.0
30.0			46.1	44.0	41.9		44.8	47.1	45.7	43.5			47.9	47.1	45.6	43.3			47.9	46.9	45.4				30.0
34.0				37.8	35.9	34.1		35.0	39.3	37.3	35.4		40.6	40.4	39.2	37.1	35.1		40.6	40.2	38.9	36.8			34.0
38.0					31.3	29.7				32.5	30.8	29.1	28.3	34.0	34.1	32.3	30.4		35.0	35.0	33.8	31.9	30.0		38.0
42.0						26.2					27.1	25.6			29.9	28.4	26.7	25.1	27.4	30.8	29.7	28.0	26.3		42.0
46.0												22.7				25.2	23.7	22.2		17.2	26.4	24.8	23.3	21.8	46.0
50.0																	21.3	19.9				22.2	20.8	19.4	50.0
54.0																							18.7	17.5	54.0
58.0																								15.8	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	51.4				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	48.7				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	45.3				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	38.9	35.9			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	33.8	31.9			29.3	30.6	32.8	30.4			24.7	25.9	27.8	29.3			26.9	29.5	31.2				38.0
42.0	28.8	30.3	29.7	28.0	26.0		26.1	27.3	29.1	27.7			21.9	22.9	24.6	27.5			22.3	25.8	27.9	24.7			42.0
46.0	25.5	26.7	26.4	24.8	23.2		22.7	24.4	25.9	24.5	22.1		19.5	20.4	21.8	24.3	21.1		17.1	21.4	24.9	23.5			46.0
50.0	13.8	21.5	23.6	22.2	20.7	18.9	18.6	20.8	23.3	21.9	20.4		15.9	18.2	19.4	21.6	20.2		12.9	16.3	22.0	20.9	17.7		50.0
54.0			18.4	20.0	18.6	17.4	14.9	16.9	19.0	19.7	18.3	16.1	12.5	14.9	16.8	19.2	18.1	15.3	9.4	12.2	17.4	18.7	17.3		54.0
58.0				18.1	16.9	15.7		9.4	15.4	17.8	16.5	15.3	9.7	11.6	13.6	16.6	16.3	15.1	6.5	8.7	12.9	16.8	15.5	12.6	58.0
62.0					15.4	14.2				15.2	15.0	13.9	5.9	8.8	10.9	13.4	14.8	13.7		5.9	9.2	15.2	13.9	12.6	62.0
66.0											13.7	12.6			8.4	10.7	13.2	12.4			6.1	12.4	12.6	11.3	66.0
70.0												11.5				8.3	10.4	11.2				8.5	11.4	10.1	70.0
74.0																		10.1				5.1	10.3	9.1	74.0
78.0																							7.0	8.2	78.0
82.0																								7.4	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	20.9			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	20.5			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	18.3	14.9			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	16.4	14.9				8.5	13.6	12.3				6.5	13.6	11.4					8.6			58.0
62.0			7.1	14.7	13.5	10.4			4.6	12.5	12.3					11.2	11.4					7.6	8.5		62.0
66.0				11.3	12.1	10.4				9.8	11.9	8.2				8.1	11.4					6.8	7.6		66.0
70.0				7.1	10.9	9.6				5.4	10.6	8.2					10.1	6.4					6.7		70.0
74.0					9.8	8.6					9.5	8.2					7.5	6.4					6.0	4.6	74.0
78.0					6.7	7.6					5.8	7.3					4.8	6.4						4.6	78.0
82.0						6.8						6.5						6.0						4.6	82.0
86.0						5.4						5.5												4.6	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Counterweight : 120 t
Carbody weight : 40 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	117.2																								13.0
14.0	109.5	106.6					105.6																		14.0
15.0	102.6	99.9					99.1						93.6												15.0
16.0	96.8	94.2					93.6	90.9					90.7												16.0
17.0	91.4	88.9					88.4	86.0					85.7						76.6						17.0
18.0	86.6	84.4	80.6				84.0	81.7					81.5	78.8					74.5						18.0
19.0	82.4	80.1	76.9				79.8	77.6					77.4	75.3					72.4						19.0
20.0	78.2	76.3	73.1				76.0	73.8	70.3				73.8	71.7					70.2	69.0					20.0
22.0	69.8	68.3	66.1				69.3	67.5	64.7				67.5	65.6	62.1				65.5	63.6					22.0
24.0	60.0	61.5	59.5	56.3			62.5	61.1	59.0				62.0	60.2	57.6				60.2	58.4	55.1				24.0
26.0	47.5	55.9	54.1	51.1			56.8	55.5	53.6				56.8	55.5	53.4				55.6	54.2	51.8				26.0
28.0		47.1	49.4	46.7			51.9	50.7	49.0	46.1			51.9	50.7	48.9				51.8	50.3	48.0				28.0
30.0			45.5	42.9	40.4		46.3	46.7	45.0	42.4			47.7	46.6	44.9	41.7			47.6	46.5	44.7				30.0
34.0				36.8	34.6			37.6	38.7	36.3	34.0		40.8	40.0	38.5	36.1			40.8	39.8	38.3	35.0			34.0
38.0					30.1	28.2			32.5	31.6	29.6		30.0	34.9	33.6	31.4	29.3		35.2	34.7	33.4	31.2			38.0
42.0						24.8				27.9	26.0	24.3			29.6	27.6	25.6		29.0	30.6	29.4	27.4	25.0		42.0
46.0											23.2	21.5				24.5	22.7	21.0		23.0	26.2	24.3	22.5	20.2	46.0
50.0												19.2					20.3	18.7				21.8	20.1	18.5	50.0
54.0																		16.8					18.1	16.6	54.0
58.0																								15.0	58.0
62.0																								13.6	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	49.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	48.9	46.7				39.9	42.1	44.0				33.9	35.7					32.6	35.0					28.0
30.0	43.9	45.6	43.5				37.4	39.5	42.4				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	39.8	38.3	33.8			33.1	34.9	37.1				28.0	29.6	32.1				29.8	32.4	33.1				34.0
38.0	33.0	34.6	33.3	31.0			29.4	30.9	32.9	28.5			24.8	26.1	28.3				27.7	29.8	30.7				38.0
42.0	28.9	30.5	29.3	27.2	24.0		26.2	27.5	29.1	27.0			22.0	23.1	25.0	24.2			22.1	26.4	27.3	23.0			42.0
46.0	25.3	27.0	26.0	24.1	22.3		22.5	24.6	25.7	23.8	20.2		19.5	20.5	22.2	23.5			16.8	21.6	24.8	22.4			46.0
50.0	15.3	23.3	23.3	21.5	19.8	17.2	18.3	21.2	23.0	21.2	19.5		15.6	18.3	19.7	21.1	17.1		12.5	16.3	22.1	20.2			50.0
54.0			21.0	19.4	17.8	16.3	14.9	17.1	19.7	19.1	17.5	14.3	12.1	14.8	17.4	18.9	17.1		9.0	12.0	17.8	18.1	14.2		54.0
58.0				17.6	16.1	14.7		11.5	16.0	17.2	15.8	14.3	9.3	11.3	14.1	17.1	15.6	12.0	6.1	8.5	13.1	16.2	14.2		58.0
62.0					14.6	13.3				15.7	14.3	12.9	7.0	8.5	11.3	14.3	14.1	12.0		5.6	9.2	14.6	13.2	9.6	62.0
66.0						12.1					13.0	11.6			8.5	11.4	12.8	11.4			6.0	13.3	11.8	9.6	66.0
70.0												10.5				8.9	11.5	10.2				9.0	10.6	9.1	70.0
74.0																	9.0	9.2				5.5	9.5	8.1	74.0
78.0																		8.4					8.2	7.2	78.0
82.0																								6.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	19.4			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	19.4			6.7	11.1	15.1	16.1				8.7	15.1	15.2				5.8	11.1				50.0
54.0	6.2	9.6	16.0	17.5	13.2			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	15.8	13.2				8.7	13.9	10.7				6.7	14.0						8.9			58.0
62.0			7.1	14.2	12.7				4.6	12.8	10.7					12.9	8.6					7.9			62.0
66.0				12.2	11.3	7.6				10.8	10.7					9.7	8.6					7.0	6.5		66.0
70.0				7.8	10.1	7.6				6.0	9.8	5.7				4.6	8.6	4.8					6.5		70.0
74.0					9.0	7.6					8.7	5.7					8.2	4.8					6.3		74.0
78.0					7.9	6.7					7.2	5.7					6.8	4.8					5.6		78.0
82.0						5.9						5.6						4.8							82.0
86.0						5.2						4.9						4.4							86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ▭ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Counterweight : 120 t
Carbody weight : 40 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	112.4																								13.0
14.0	105.2						101.6																		14.0
15.0	98.8	95.7					95.6						89.0												15.0
16.0	93.3	90.3					90.2						87.3												16.0
17.0	88.2	85.4					85.3	82.3					83.0						73.1						17.0
18.0	83.8	81.1					81.1	78.5					78.7	75.7					71.9						18.0
19.0	79.7	77.1	72.9				77.1	74.6					74.9	72.4					70.6						19.0
20.0	75.9	73.4	70.1				73.5	71.3					71.6	69.2					69.1	66.3					20.0
22.0	69.3	67.2	63.9				67.3	65.1	61.1				65.4	63.2					63.5	61.3					22.0
24.0	61.8	61.0	58.6				61.9	59.8	56.8				60.1	58.1	54.3				58.3	56.3					24.0
26.0	49.0	55.4	53.2	48.9			56.5	55.0	52.7				55.6	54.0	51.2				54.2	52.3	48.4				26.0
28.0	36.9	49.9	48.7	45.4			51.6	50.2	48.2	43.7			51.9	50.1	47.5				50.4	48.6	46.0				28.0
30.0		37.5	44.7	41.7			47.5	46.2	44.3	41.1			47.8	46.5	44.3				47.0	45.3	42.8				30.0
34.0				35.7	33.2			39.6	38.0	35.2			41.0	39.9	38.2	34.2			41.0	39.8	37.9	32.9			34.0
38.0					28.8	26.6			33.1	30.6	28.2		31.7	34.7	33.1	30.5	27.1		35.7	34.6	33.0	30.4			38.0
42.0					25.3	23.4				27.0	24.8	22.5			29.1	26.7	24.4		30.4	30.5	29.0	26.6	22.9		42.0
46.0						20.7					22.0	20.1				23.7	21.6	19.1		25.2	25.7	23.5	21.4		46.0
50.0												17.9					19.3	17.4			23.1	21.0	19.1	16.0	50.0
54.0																		15.6				19.0	17.1	15.4	54.0
58.0																		14.1					15.5	13.8	58.0
62.0																								12.4	62.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	58.7					48.4						41.0												22.0
24.0	53.3	55.0					45.5	48.3					38.5						32.7						24.0
26.0	50.0	50.9					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	47.2	43.5				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	44.0	41.9				37.6	39.9	39.0				31.9	33.9					30.2	32.7					30.0
34.0	38.4	39.0	36.8				33.2	35.2	35.5				28.1	29.9	32.7				28.3	31.1	31.4				34.0
38.0	33.2	34.3	32.6	27.8			29.4	31.2	31.5	26.6			24.9	26.4	28.8				26.4	29.3	29.3				38.0
42.0	29.0	30.2	28.7	26.4			26.2	27.7	28.1	25.5			22.0	23.3	25.5	22.5			21.9	26.7	26.4				42.0
46.0	25.2	26.8	25.5	23.3	19.4		22.3	24.7	25.3	22.9			19.6	20.7	22.6	22.0			16.6	21.7	23.7	18.7			46.0
50.0	16.4	23.8	22.8	20.8	18.8		18.0	21.3	22.6	20.5	16.2		15.4	18.4	20.0	19.9	15.3		12.2	16.3	21.4	18.7			50.0
54.0			20.6	18.7	16.9	13.4	14.5	17.0	20.3	18.4	16.2		11.8	14.7	17.8	18.0	15.3		8.7	11.9	18.4	17.0	12.4		54.0
58.0				16.9	15.2	13.4		13.2	16.5	16.6	14.9	11.0	8.9	11.2	14.6	16.4	14.2		5.7	8.3	13.4	15.4	12.4		58.0
62.0					13.8	12.1				15.1	13.5	11.0	6.6	8.3	11.7	14.9	13.2	8.9		5.3	9.4	14.0	12.2	7.8	62.0
66.0						10.9				13.8	12.2	10.4			8.5	12.2	12.0	8.9			6.0	12.7	10.9	7.8	66.0
70.0						9.9					11.1	9.4				9.6	10.8	8.9				9.7	9.7	7.8	70.0
74.0												8.5					9.8	8.2				6.0	8.7	7.0	74.0
78.0																		7.4					7.8	6.2	78.0
82.0																							5.3	5.5	82.0
86.0																								4.8	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	26.4				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.5				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	22.9	17.8			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	20.6	17.8			6.3	11.1	15.3	14.7				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	16.2				6.5	14.0	14.7					12.5	12.0					10.0	10.3			54.0
58.0		5.8	11.4	14.6	10.1				9.0	13.8					7.0	12.0					4.5	9.2			58.0
62.0			7.3	13.6	10.1				4.7	12.8	7.9					12.0	7.0					8.2			62.0
66.0				12.3	10.1	5.9				11.6	7.9					10.9	7.0					7.3	5.0		66.0
70.0				8.5	9.2	5.9				6.9	7.9					5.5	7.0						5.0		70.0
74.0				4.6	8.2	5.9					7.7						7.0						5.0		74.0
78.0					7.3	5.7					6.9						6.3						5.0		78.0
82.0					5.0	5.0																			82.0
86.0																									86.0
90.0																									90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Counterweight : 120 t
Carbody weight : 40 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	101.0						97.6																		14.0
15.0	95.2						92.0						82.2												15.0
16.0	89.8	86.5					86.9						80.7												16.0
17.0	85.2	82.1					82.5	78.9					78.9						68.0						17.0
18.0	80.9	77.9					78.3	75.3					76.0						66.8						18.0
19.0	76.9	74.0					74.5	71.7					72.3	69.0					65.6						19.0
20.0	73.3	70.8	66.1				71.2	68.5					69.2	66.6					64.3	63.7					20.0
22.0	67.3	64.7	61.0				65.1	62.6	58.2				63.3	60.8					61.4	59.0					22.0
24.0	62.0	59.5	56.0				59.9	57.6	54.5				58.3	56.0	51.8				56.5	54.5					24.0
26.0	50.4	54.8	52.0				55.8	53.5	50.3				54.2	52.0	48.9				52.6	50.4	46.1				26.0
28.0	38.4	50.1	47.8	42.5			51.6	49.8	46.8				50.4	48.4	45.4				48.9	46.8	43.9				28.0
30.0		40.3	44.0	40.5			47.5	46.0	43.6	38.0			47.1	45.1	42.3				45.6	43.7	41.2				30.0
34.0				34.6	30.8		30.9	39.5	37.5	34.4			40.8	39.5	37.5	32.0			40.2	38.7	36.2	30.7			34.0
38.0				30.1	27.5				32.7	29.9	25.8		32.5	34.4	32.5	29.5			35.5	34.3	32.2	28.5			38.0
42.0					24.1	21.2				26.3	23.7			25.0	28.6	25.8	21.9		30.6	30.2	28.5	25.7			42.0
46.0						19.3					21.0	17.7				22.9	20.5			26.8	25.3	22.7	18.4		46.0
50.0												16.6				20.5	18.2	14.9			22.6	20.3	18.1		50.0
54.0												14.8					16.4	14.2				18.3	16.2	12.3	54.0
58.0																		12.7					14.6	12.3	58.0
62.0																								11.1	62.0
66.0																								10.0	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	56.4					47.0						40.4												22.0
24.0	52.2	53.0					45.6	48.8					38.7						31.1						24.0
26.0	50.0	49.0					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	45.5	41.4				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	42.5	40.0				37.7	40.4	37.0				32.0	34.2					28.7	31.3					30.0
34.0	38.6	37.6	35.1				33.3	35.6	33.9				28.2	30.2	31.1				27.0	29.8	29.7				34.0
38.0	33.3	33.4	31.1	25.9			29.5	31.5	30.0				24.9	26.6	29.1				25.2	28.1	28.2				38.0
42.0	29.1	30.0	27.9	24.9			26.3	27.9	27.2	21.7			22.1	23.6	26.0	20.7			21.8	26.4	25.1				42.0
46.0	25.1	26.6	25.1	22.3	17.4		22.2	24.9	24.5	21.3			19.5	20.9	23.0	20.5			16.4	22.0	22.5	17.1			46.0
50.0	17.3	23.8	22.4	20.1	17.4		17.8	21.4	22.2	19.3	14.4		15.1	18.6	20.4	18.5			12.0	16.4	20.3	17.1			50.0
54.0			20.2	18.0	15.8	11.4	14.3	17.1	19.9	17.5	14.4		11.5	14.7	18.1	16.7	11.9		8.4	11.9	18.4	15.7			54.0
58.0				16.3	14.3	11.4		13.5	17.1	15.9	13.4	9.0	8.6	11.1	15.2	15.1	11.9		5.3	8.2	13.8	14.1	9.4		58.0
62.0				14.8	12.9	10.8			13.7	14.5	12.5	9.0	6.2	8.0	12.0	13.8	11.8	7.1		5.1	9.6	13.2	9.4		62.0
66.0					11.7	9.7				13.2	11.3	9.0			8.5	13.0	10.7	7.1			6.1	12.0	9.4	5.0	66.0
70.0						8.7					10.2	8.3				10.4	9.8	7.1				10.6	8.8	5.0	70.0
74.0												7.4					8.9	7.0				6.6	7.8	5.0	74.0
78.0												6.7					8.1	6.3					7.0	5.0	78.0
82.0																		5.7					6.2	4.5	82.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	24.9				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	24.3				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	21.7				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	19.5	14.2			6.0	11.1	15.6	13.2				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	14.2				6.5	14.2	13.2					13.1	10.6					10.2				54.0
58.0		5.6	11.8	13.4	8.5				9.4	13.0					7.4	10.6					4.9	8.2			58.0
62.0			7.5	12.5	8.5				4.9	11.7	6.4					10.6						8.2			62.0
66.0				11.3	8.5					10.5	6.4					9.8	4.5					7.6			66.0
70.0				9.4	8.2					7.8	6.4					6.6	4.5					4.9			70.0
74.0				5.2	7.3						6.4						4.5								74.0
78.0					6.4						5.8						4.5								78.0
82.0					5.7						5.1						4.5								82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		116.3																							14.0
15.0		108.8					105.8	105.0					92.7												15.0
16.0		102.1					100.5	98.8					89.9						78.2						16.0
17.0	96.2	95.0	93.0				94.9	93.1					87.2	90.0					76.1						17.0
18.0	90.0	88.7	86.8				89.1	87.8					84.6	85.6					74.0						18.0
19.0	84.3	83.1	81.3				83.5	82.3	80.4				82.1	81.2					71.9	74.6					19.0
20.0	79.3	78.1	76.5				78.5	77.3	75.6				78.6	77.2					69.5	72.5					20.0
22.0	70.0	69.7	68.2	65.7			70.0	69.0	67.4				70.1	69.0	67.3				65.1	68.0					22.0
24.0	56.1	62.8	61.5	59.2			63.1	62.1	60.7	58.3			63.1	62.1	60.6				61.0	62.0	60.1				24.0
26.0	44.2	53.2	55.8	53.8			57.2	56.5	55.2	53.0			57.3	56.4	55.1				56.8	56.3	54.9				26.0
28.0		41.3	51.1	49.2	47.3		50.6	51.7	50.4	48.4			52.2	51.6	50.3	48.3			51.8	51.4	50.2				28.0
30.0			42.6	45.3	43.5		41.7	47.5	46.4	44.6	42.7		47.6	47.5	46.3	44.4			47.6	47.3	46.1	44.1			30.0
34.0					37.4	35.9		31.6	39.9	38.3	36.7		38.1	40.8	39.8	38.1	36.5		40.4	40.6	39.5	37.8			34.0
38.0						31.2				33.4	32.0	30.6	26.3	31.0	34.7	33.1	31.6	30.2	34.5	35.3	34.4	32.8	31.2		38.0
42.0											28.2	26.9			26.1	29.2	27.8	26.5	25.5	29.2	30.2	28.8	27.4	26.0	42.0
46.0																	24.7	23.5		16.3	25.9	25.6	24.3	23.0	46.0
50.0																		21.1				22.9	21.7	20.6	50.0
54.0																							19.6	18.6	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	53.7				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	50.1				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	46.1				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	39.5	37.7			32.9	34.2	36.3	36.7			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	34.4	32.7			29.2	30.4	32.2	32.5			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	30.2	28.7	27.3		26.1	27.0	28.6	28.4	26.9		21.9	22.7	24.1	26.6			21.0	23.9	27.4	26.3			42.0
46.0	24.0	26.5	26.8	25.5	24.2	22.9	23.0	24.2	25.5	25.2	23.9		19.5	20.2	21.4	23.5	23.0		17.4	19.9	24.1	24.2			46.0
50.0	11.9	19.0	24.0	22.8	21.6	20.5	18.9	20.5	22.5	22.5	21.3	19.6	16.3	18.0	19.1	20.9	21.1		13.3	16.4	20.1	21.5	19.4		50.0
54.0				20.6	19.5	18.4	13.4	16.6	18.4	20.3	19.1	18.1	12.9	14.7	16.3	18.6	18.9	16.9	9.9	12.4	16.7	19.3	18.1		54.0
58.0					17.7	16.7			14.9	17.7	17.3	16.3	10.2	11.8	13.2	15.6	17.1	16.1	7.0	9.0	12.8	17.3	16.2	14.3	58.0
62.0						15.2				14.2	15.7	14.8	4.6	9.2	10.4	12.6	14.9	14.6	4.7	6.3	9.2	15.5	14.7	13.7	62.0
66.0											13.6	13.5				9.9	12.0	13.3			6.3	11.7	13.3	12.4	66.0
70.0																	9.4	11.3				8.0	12.1	11.1	70.0
74.0																		8.8				4.9	10.0	10.0	74.0
78.0																								9.1	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	25.3			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	16.5			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	15.8				8.4	13.3	14.2				6.3	11.5	12.9					8.3			58.0
62.0			7.1	12.3	14.2	12.0			4.6	12.2	13.0	11.1				8.5	12.2					7.4	8.1		62.0
66.0				9.6	12.9	11.9				9.0	12.0	11.1				5.9	10.5	9.0				6.1	7.2		66.0
70.0				6.7	10.6	10.6				4.8	11.1	10.3					7.6	9.0					6.4	7.0	70.0
74.0					8.0	9.5					9.1	9.2					5.1	8.7					5.6	6.3	74.0
78.0					5.6	8.6					4.6	8.2						6.6						5.6	78.0
82.0						6.3						7.4												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	113.9	111.4					109.9																		14.0
15.0	106.7	104.3					103.0						93.1												15.0
16.0	100.3	98.2					97.1	94.7					90.3						78.5						16.0
17.0	94.8	92.6	89.3				91.6	89.5					87.6	86.6					76.3						17.0
18.0	89.2	87.6	84.8				86.7	84.9					84.3	82.4					74.2						18.0
19.0	83.6	82.1	79.9				82.5	80.6	77.4				80.1	78.2					72.2	75.3					19.0
20.0	78.6	77.2	75.1				78.2	76.6	74.0				76.2	74.4					69.9	72.1					20.0
22.0	70.1	68.9	67.0				69.7	68.4	66.5				69.4	68.0	64.9				65.4	66.0					22.0
24.0	58.2	62.0	60.4	57.6			62.8	61.6	59.9				62.8	61.6	59.8				61.2	60.5	57.5				24.0
26.0	45.9	56.4	54.8	52.3			57.1	56.0	54.4	51.7			57.0	55.9	54.3				57.0	55.8	54.0				26.0
28.0		44.2	50.2	47.8	45.5		52.2	51.2	49.7	47.3			52.2	51.2	49.6	47.1			52.1	51.0	49.4				28.0
30.0			46.1	44.0	41.9		44.8	47.1	45.7	43.5			47.9	47.1	45.6	43.3			47.9	46.9	45.4				30.0
34.0				37.8	35.9	34.1		35.0	39.3	37.3	35.4		40.6	40.4	39.2	37.1	35.1		40.6	40.2	38.9	36.8			34.0
38.0					31.3	29.7				32.5	30.8	29.1	28.3	34.0	34.1	32.3	30.4		35.0	35.0	33.8	31.9	30.0		38.0
42.0						26.2					27.1	25.6			29.9	28.4	26.7	25.1	27.4	30.8	29.7	28.0	26.3		42.0
46.0												22.7				25.2	23.7	22.2		17.2	26.4	24.8	23.3	21.8	46.0
50.0																	21.3	19.9				22.2	20.8	19.4	50.0
54.0																							18.7	17.5	54.0
58.0																								15.8	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	51.4				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	48.7				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	45.3				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	38.9	35.9			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	33.8	31.9			29.3	30.6	32.8	30.4			24.7	25.9	27.8	29.3			26.9	29.5	31.2				38.0
42.0	28.8	30.3	29.7	28.0	26.0		26.1	27.3	29.1	27.7			21.9	22.9	24.6	27.5			22.3	25.8	27.9	24.7			42.0
46.0	25.5	26.7	26.4	24.8	23.2		22.7	24.4	25.9	24.5	22.1		19.5	20.4	21.8	24.3	21.1		17.1	21.4	24.9	23.5			46.0
50.0	13.8	21.5	23.6	22.2	20.7	18.9	18.6	20.8	23.3	21.9	20.4		15.9	18.2	19.4	21.6	20.2		12.9	16.3	22.0	20.9	17.7		50.0
54.0			18.4	20.0	18.6	17.4	14.9	16.9	19.0	19.7	18.3	16.1	12.5	14.9	16.8	19.2	18.1	15.3	9.4	12.2	17.4	18.7	17.3		54.0
58.0				18.1	16.9	15.7		9.4	15.4	17.8	16.5	15.3	9.7	11.6	13.6	16.6	16.3	15.1	6.5	8.7	12.9	16.8	15.5	12.6	58.0
62.0					15.4	14.2				15.2	15.0	13.9	5.9	8.8	10.9	13.4	14.8	13.7		5.9	9.2	15.2	13.9	12.6	62.0
66.0											13.7	12.6			8.4	10.7	13.2	12.4			6.1	12.4	12.6	11.3	66.0
70.0												11.5				8.3	10.4	11.2				8.5	11.4	10.1	70.0
74.0																		10.1				5.1	10.3	9.1	74.0
78.0																							7.0	8.2	78.0
82.0																								7.4	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	20.9			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	20.5			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	18.3	14.9			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	16.4	14.9				8.5	13.6	12.3				6.5	13.6	11.4					8.6			58.0
62.0			7.1	14.7	13.5	10.4			4.6	12.5	12.3					11.2	11.4					7.6	8.5		62.0
66.0				11.3	12.1	10.4				9.8	11.9	8.2				8.1	11.4					6.8	7.6		66.0
70.0				7.1	10.9	9.6				5.4	10.6	8.2					10.1	6.4					6.7		70.0
74.0					9.8	8.6					9.5	8.2					7.5	6.4					6.0	4.6	74.0
78.0					6.7	7.6					5.8	7.3					4.8	6.4						4.6	78.0
82.0						6.8						6.5						6.0						4.6	82.0
86.0						5.4						5.5												4.6	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	117.2																								13.0
14.0	109.5	106.6					105.6																		14.0
15.0	102.6	99.9					99.1						93.6												15.0
16.0	96.8	94.2					93.6	90.9					90.7												16.0
17.0	91.4	88.9					88.4	86.0					85.7						76.6						17.0
18.0	86.6	84.4	80.6				84.0	81.7					81.5	78.8					74.5						18.0
19.0	82.4	80.1	76.9				79.8	77.6					77.4	75.3					72.4						19.0
20.0	78.2	76.3	73.1				76.0	73.8	70.3				73.8	71.7					70.2	69.0					20.0
22.0	69.8	68.3	66.1				69.3	67.5	64.7				67.5	65.6	62.1				65.5	63.6					22.0
24.0	60.0	61.5	59.5	56.3			62.5	61.1	59.0				62.0	60.2	57.6				60.2	58.4	55.1				24.0
26.0	47.5	55.9	54.1	51.1			56.8	55.5	53.6				56.8	55.5	53.4				55.6	54.2	51.8				26.0
28.0		47.1	49.4	46.7			51.9	50.7	49.0	46.1			51.9	50.7	48.9				51.8	50.3	48.0				28.0
30.0			45.5	42.9	40.4		46.3	46.7	45.0	42.4			47.7	46.6	44.9	41.7			47.6	46.5	44.7				30.0
34.0				36.8	34.6			37.6	38.7	36.3	34.0		40.8	40.0	38.5	36.1			40.8	39.8	38.3	35.0			34.0
38.0					30.1	28.2			32.5	31.6	29.6		30.0	34.9	33.6	31.4	29.3		35.2	34.7	33.4	31.2			38.0
42.0						24.8				27.9	26.0	24.3			29.6	27.6	25.6		29.0	30.6	29.4	27.4	25.0		42.0
46.0											23.2	21.5				24.5	22.7	21.0		23.0	26.2	24.3	22.5	20.2	46.0
50.0												19.2					20.3	18.7				21.8	20.1	18.5	50.0
54.0																		16.8					18.1	16.6	54.0
58.0																								15.0	58.0
62.0																								13.6	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	49.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	48.9	46.7				39.9	42.1	44.0				33.9	35.7					32.6	35.0					28.0
30.0	43.9	45.6	43.5				37.4	39.5	42.4				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	39.8	38.3	33.8			33.1	34.9	37.1				28.0	29.6	32.1				29.8	32.4	33.1				34.0
38.0	33.0	34.6	33.3	31.0			29.4	30.9	32.9	28.5			24.8	26.1	28.3				27.7	29.8	30.7				38.0
42.0	28.9	30.5	29.3	27.2	24.0		26.2	27.5	29.1	27.0			22.0	23.1	25.0	24.2			22.1	26.4	27.3	23.0			42.0
46.0	25.3	27.0	26.0	24.1	22.3		22.5	24.6	25.7	23.8	20.2		19.5	20.5	22.2	23.5			16.8	21.6	24.8	22.4			46.0
50.0	15.3	23.3	23.3	21.5	19.8	17.2	18.3	21.2	23.0	21.2	19.5		15.6	18.3	19.7	21.1	17.1		12.5	16.3	22.1	20.2			50.0
54.0			21.0	19.4	17.8	16.3	14.9	17.1	19.7	19.1	17.5	14.3	12.1	14.8	17.4	18.9	17.1		9.0	12.0	17.8	18.1	14.2		54.0
58.0				17.6	16.1	14.7		11.5	16.0	17.2	15.8	14.3	9.3	11.3	14.1	17.1	15.6	12.0	6.1	8.5	13.1	16.2	14.2		58.0
62.0					14.6	13.3				15.7	14.3	12.9	7.0	8.5	11.3	14.3	14.1	12.0		5.6	9.2	14.6	13.2	9.6	62.0
66.0						12.1					13.0	11.6			8.5	11.4	12.8	11.4			6.0	13.3	11.8	9.6	66.0
70.0												10.5				8.9	11.5	10.2				9.0	10.6	9.1	70.0
74.0																	9.0	9.2				5.5	9.5	8.1	74.0
78.0																		8.4					8.2	7.2	78.0
82.0																								6.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	19.4			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	19.4			6.7	11.1	15.1	16.1				8.7	15.1	15.2				5.8	11.1				50.0
54.0	6.2	9.6	16.0	17.5	13.2			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	15.8	13.2				8.7	13.9	10.7				6.7	14.0						8.9			58.0
62.0			7.1	14.2	12.7				4.6	12.8	10.7					12.9	8.6					7.9			62.0
66.0				12.2	11.3	7.6				10.8	10.7					9.7	8.6					7.0	6.5		66.0
70.0				7.8	10.1	7.6				6.0	9.8	5.7				4.6	8.6	4.8					6.5		70.0
74.0					9.0	7.6					8.7	5.7					8.2	4.8					6.3		74.0
78.0					7.9	6.7					7.2	5.7					6.8	4.8					5.6		78.0
82.0						5.9						5.6						4.8							82.0
86.0						5.2						4.9						4.4							86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in [ ] are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	112.4																								13.0
14.0	105.2						101.6																		14.0
15.0	98.8	95.7					95.6						89.0												15.0
16.0	93.3	90.3					90.2						87.3												16.0
17.0	88.2	85.4					85.3	82.3					83.0						73.1						17.0
18.0	83.8	81.1					81.1	78.5					78.7	75.7					71.9						18.0
19.0	79.7	77.1	72.9				77.1	74.6					74.9	72.4					70.6						19.0
20.0	75.9	73.4	70.1				73.5	71.3					71.6	69.2					69.1	66.3					20.0
22.0	69.3	67.2	63.9				67.3	65.1	61.1				65.4	63.2					63.5	61.3					22.0
24.0	61.8	61.0	58.6				61.9	59.8	56.8				60.1	58.1	54.3				58.3	56.3					24.0
26.0	49.0	55.4	53.2	48.9			56.5	55.0	52.7				55.6	54.0	51.2				54.2	52.3	48.4				26.0
28.0	36.9	49.9	48.7	45.4			51.6	50.2	48.2	43.7			51.9	50.1	47.5				50.4	48.6	46.0				28.0
30.0		37.5	44.7	41.7			47.5	46.2	44.3	41.1			47.8	46.5	44.3				47.0	45.3	42.8				30.0
34.0				35.7	33.2			39.6	38.0	35.2			41.0	39.9	38.2	34.2			41.0	39.8	37.9	32.9			34.0
38.0					28.8	26.6			33.1	30.6	28.2		31.7	34.7	33.1	30.5	27.1		35.7	34.6	33.0	30.4			38.0
42.0					25.3	23.4				27.0	24.8	22.5			29.1	26.7	24.4		30.4	30.5	29.0	26.6	22.9		42.0
46.0						20.7					22.0	20.1				23.7	21.6	19.1		25.2	25.7	23.5	21.4		46.0
50.0												17.9					19.3	17.4			23.1	21.0	19.1	16.0	50.0
54.0																		15.6				19.0	17.1	15.4	54.0
58.0																		14.1					15.5	13.8	58.0
62.0																								12.4	62.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	58.7					48.4						41.0												22.0
24.0	53.3	55.0					45.5	48.3					38.5						32.7						24.0
26.0	50.0	50.9					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	47.2	43.5				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	44.0	41.9				37.6	39.9	39.0				31.9	33.9					30.2	32.7					30.0
34.0	38.4	39.0	36.8				33.2	35.2	35.5				28.1	29.9	32.7				28.3	31.1	31.4				34.0
38.0	33.2	34.3	32.6	27.8			29.4	31.2	31.5	26.6			24.9	26.4	28.8				26.4	29.3	29.3				38.0
42.0	29.0	30.2	28.7	26.4			26.2	27.7	28.1	25.5			22.0	23.3	25.5	22.5			21.9	26.7	26.4				42.0
46.0	25.2	26.8	25.5	23.3	19.4		22.3	24.7	25.3	22.9			19.6	20.7	22.6	22.0			16.6	21.7	23.7	18.7			46.0
50.0	16.4	23.8	22.8	20.8	18.8		18.0	21.3	22.6	20.5	16.2		15.4	18.4	20.0	19.9	15.3		12.2	16.3	21.4	18.7			50.0
54.0			20.6	18.7	16.9	13.4	14.5	17.0	20.3	18.4	16.2		11.8	14.7	17.8	18.0	15.3		8.7	11.9	18.4	17.0	12.4		54.0
58.0				16.9	15.2	13.4		13.2	16.5	16.6	14.9	11.0	8.9	11.2	14.6	16.4	14.2		5.7	8.3	13.4	15.4	12.4		58.0
62.0					13.8	12.1				15.1	13.5	11.0	6.6	8.3	11.7	14.9	13.2	8.9		5.3	9.4	14.0	12.2	7.8	62.0
66.0						10.9				13.8	12.2	10.4			8.5	12.2	12.0	8.9			6.0	12.7	10.9	7.8	66.0
70.0						9.9					11.1	9.4				9.6	10.8	8.9				9.7	9.7	7.8	70.0
74.0												8.5					9.8	8.2				6.0	8.7	7.0	74.0
78.0																		7.4					7.8	6.2	78.0
82.0																							5.3	5.5	82.0
86.0																								4.8	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	26.4				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.5				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	22.9	17.8			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	20.6	17.8			6.3	11.1	15.3	14.7				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	16.2				6.5	14.0	14.7					12.5	12.0					10.0	10.3			54.0
58.0		5.8	11.4	14.6	10.1				9.0	13.8					7.0	12.0					4.5	9.2			58.0
62.0			7.3	13.6	10.1				4.7	12.8	7.9					12.0	7.0					8.2			62.0
66.0				12.3	10.1	5.9				11.6	7.9					10.9	7.0					7.3	5.0		66.0
70.0				8.5	9.2	5.9				6.9	7.9					5.5	7.0						5.0		70.0
74.0				4.6	8.2	5.9					7.7						7.0						5.0		74.0
78.0					7.3	5.7					6.9						6.3						5.0		78.0
82.0					5.0	5.0																			82.0
86.0																									86.0
90.0																									90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	101.0						97.6																		14.0
15.0	95.2						92.0						82.2												15.0
16.0	89.8	86.5					86.9						80.7												16.0
17.0	85.2	82.1					82.5	78.9					78.9						68.0						17.0
18.0	80.9	77.9					78.3	75.3					76.0						66.8						18.0
19.0	76.9	74.0					74.5	71.7					72.3	69.0					65.6						19.0
20.0	73.3	70.8	66.1				71.2	68.5					69.2	66.6					64.3	63.7					20.0
22.0	67.3	64.7	61.0				65.1	62.6	58.2				63.3	60.8					61.4	59.0					22.0
24.0	62.0	59.5	56.0				59.9	57.6	54.5				58.3	56.0	51.8				56.5	54.5					24.0
26.0	50.4	54.8	52.0				55.8	53.5	50.3				54.2	52.0	48.9				52.6	50.4	46.1				26.0
28.0	38.4	50.1	47.8	42.5			51.6	49.8	46.8				50.4	48.4	45.4				48.9	46.8	43.9				28.0
30.0		40.3	44.0	40.5			47.5	46.0	43.6	38.0			47.1	45.1	42.3				45.6	43.7	41.2				30.0
34.0				34.6	30.8		30.9	39.5	37.5	34.4			40.8	39.5	37.5	32.0			40.2	38.7	36.2	30.7			34.0
38.0				30.1	27.5				32.7	29.9	25.8		32.5	34.4	32.5	29.5			35.5	34.3	32.2	28.5			38.0
42.0					24.1	21.2				26.3	23.7			25.0	28.6	25.8	21.9		30.6	30.2	28.5	25.7			42.0
46.0						19.3					21.0	17.7				22.9	20.5			26.8	25.3	22.7	18.4		46.0
50.0												16.6				20.5	18.2	14.9			22.6	20.3	18.1		50.0
54.0												14.8					16.4	14.2				18.3	16.2	12.3	54.0
58.0																		12.7					14.6	12.3	58.0
62.0																								11.1	62.0
66.0																								10.0	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	56.4					47.0						40.4												22.0
24.0	52.2	53.0					45.6	48.8					38.7						31.1						24.0
26.0	50.0	49.0					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	45.5	41.4				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	42.5	40.0				37.7	40.4	37.0				32.0	34.2					28.7	31.3					30.0
34.0	38.6	37.6	35.1				33.3	35.6	33.9				28.2	30.2	31.1				27.0	29.8	29.7				34.0
38.0	33.3	33.4	31.1	25.9			29.5	31.5	30.0				24.9	26.6	29.1				25.2	28.1	28.2				38.0
42.0	29.1	30.0	27.9	24.9			26.3	27.9	27.2	21.7			22.1	23.6	26.0	20.7			21.8	26.4	25.1				42.0
46.0	25.1	26.6	25.1	22.3	17.4		22.2	24.9	24.5	21.3			19.5	20.9	23.0	20.5			16.4	22.0	22.5	17.1			46.0
50.0	17.3	23.8	22.4	20.1	17.4		17.8	21.4	22.2	19.3	14.4		15.1	18.6	20.4	18.5			12.0	16.4	20.3	17.1			50.0
54.0			20.2	18.0	15.8	11.4	14.3	17.1	19.9	17.5	14.4		11.5	14.7	18.1	16.7	11.9		8.4	11.9	18.4	15.7			54.0
58.0				16.3	14.3	11.4		13.5	17.1	15.9	13.4	9.0	8.6	11.1	15.2	15.1	11.9		5.3	8.2	13.8	14.1	9.4		58.0
62.0				14.8	12.9	10.8			13.7	14.5	12.5	9.0	6.2	8.0	12.0	13.8	11.8	7.1		5.1	9.6	13.2	9.4		62.0
66.0					11.7	9.7				13.2	11.3	9.0			8.5	13.0	10.7	7.1			6.1	12.0	9.4	5.0	66.0
70.0						8.7					10.2	8.3				10.4	9.8	7.1				10.6	8.8	5.0	70.0
74.0												7.4					8.9	7.0				6.6	7.8	5.0	74.0
78.0												6.7					8.1	6.3					7.0	5.0	78.0
82.0																		5.7					6.2	4.5	82.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	24.9				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	24.3				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	21.7				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	19.5	14.2			6.0	11.1	15.6	13.2				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	14.2				6.5	14.2	13.2					13.1	10.6					10.2				54.0
58.0		5.6	11.8	13.4	8.5				9.4	13.0					7.4	10.6					4.9	8.2			58.0
62.0			7.5	12.5	8.5				4.9	11.7	6.4					10.6						8.2			62.0
66.0				11.3	8.5					10.5	6.4					9.8	4.5					7.6			66.0
70.0				9.4	8.2					7.8	6.4					6.6	4.5					4.9			70.0
74.0				5.2	7.3						6.4						4.5								74.0
78.0					6.4						5.8						4.5								78.0
82.0					5.7						5.1						4.5								82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	82.1	78.6					73.9	75.6					64.9						56.7						17.0
18.0	78.0	74.6					71.7	72.2					63.3						55.6						18.0
19.0	74.2	71.3					69.5	69.0					61.8	66.2					54.5						19.0
20.0	71.1	68.0	62.8				67.3	65.8					60.1	63.9					53.3						20.0
22.0	65.1	62.2	58.1				63.0	60.2	55.3				56.8	58.5					50.9	55.8					22.0
24.0	60.0	57.2	53.6				58.0	55.4	51.9				53.6	54.1	49.2				48.5	52.4					24.0
26.0	51.9	53.3	49.6				54.0	51.5	48.0				50.5	50.1	46.6				46.0	48.5	43.8				26.0
28.0	39.9	49.7	46.1	39.7			50.3	48.0	44.6				47.4	46.6	43.3				43.6	45.1	42.1				28.0
30.0		43.2	43.1	38.3			47.1	44.8	41.9				44.6	43.5	40.6				41.3	42.1	39.3				30.0
34.0			37.2	33.6			30.3	39.3	36.9	30.9			39.3	38.6	35.8	29.7			36.9	37.3	34.5				34.0
38.0				29.3	24.6				32.3	28.7	23.3		30.2	34.2	31.8	28.0			32.9	33.2	30.6	24.9			38.0
42.0					23.0					25.5	22.4			25.8	28.2	25.1	19.6		28.0	29.9	27.5	24.0			42.0
46.0						16.4				22.7	20.0	15.3			25.1	22.2	19.3		14.8	26.1	24.7	21.6	16.3		46.0
50.0						15.7					17.8	15.2				19.8	17.3	12.6			22.1	19.5	16.3		50.0
54.0												13.5					15.5	12.6				17.5	14.9	10.2	54.0
58.0																		11.4					13.5	10.2	58.0
62.0																		10.2					12.1	9.7	62.0
66.0																								8.7	66.0
Reeves	8						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	43.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	41.2	36.4				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	36.2	33.4				31.3	35.0	30.5				28.0	30.5	29.4				25.2	28.0					34.0
38.0	30.8	32.2	29.7	23.8			28.6	31.1	28.5				25.0	26.9	28.0				23.5	26.4	24.4				38.0
42.0	27.7	28.9	26.9	23.1			26.0	27.8	25.8	19.9			22.1	23.8	25.0				21.8	24.7	23.8				42.0
46.0	24.5	26.4	24.3	20.7			22.1	25.1	23.3	19.8			19.4	21.1	22.4	16.6			16.3	22.3	21.3	15.4			46.0
50.0	16.8	23.6	22.0	18.7	13.5		17.7	21.7	21.1	17.8	12.5		15.0	18.7	20.3	16.6			11.8	16.6	19.2	15.4			50.0
54.0		13.5	19.8	17.0	13.5		14.1	17.1	19.2	16.1	12.5		11.3	14.8	18.4	15.3	10.1		8.1	11.9	17.4	14.3			54.0
58.0				15.5	13.1	8.1		13.4	17.6	14.6	12.2		8.3	11.0	15.7	13.9	10.1		5.0	8.1	14.3	13.3	7.7		58.0
62.0				14.1	11.8	8.1			14.0	13.7	11.1	6.1	5.8	7.9	12.3	13.0	10.1			4.9	9.9	12.0	7.7		62.0
66.0					10.6	8.1				12.6	10.0	6.1			8.7	11.8	9.3	4.4			6.2	10.9	7.7		66.0
70.0						7.4					9.1	6.1				10.8	8.4	4.4				9.9	7.5		70.0
74.0						6.7					8.3	6.1				8.6	7.7	4.4				7.3	6.7		74.0
78.0												5.5					7.0	4.4					6.0		78.0
82.0																							5.3		82.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	23.4				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	23.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	20.5				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	18.4	12.6			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	16.6	12.6				6.4	14.4	10.0					13.9	9.1					9.4				54.0
58.0		5.5	12.3	12.5					9.9	10.0					7.9	9.1					5.4	6.8			58.0
62.0			7.8	11.3	5.7				5.2	10.0	4.7					9.1						6.8			62.0
66.0				10.2	5.7					9.4	4.7					8.7						6.8			66.0
70.0				9.2	5.7					8.4	4.7					7.8						6.2			70.0
74.0				6.0	5.7						4.7														74.0
78.0					5.4						4.6														78.0
82.0					4.7																				82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in [ ] are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	75.3					68.3						59.2						52.0						17.0
18.0	68.3	71.5					66.3	68.6					57.8						51.1						18.0
19.0	65.5	68.3					64.3	66.1					56.3						50.1						19.0
20.0	62.9	65.2					62.4	63.1					55.0	60.4					49.1						20.0
22.0	58.0	59.7	54.4				58.1	57.8					52.1	56.1					46.9	52.6					22.0
24.0	53.9	55.3	51.0				54.0	53.5	48.2				49.1	52.0					44.6	50.3					24.0
26.0	50.2	51.2	47.2				50.3	49.5	45.6				46.4	48.1	43.0				42.4	46.6					26.0
28.0	41.3	47.8	43.9				47.1	46.1	42.4				43.7	44.8	41.4				40.3	43.3	38.4				28.0
30.0		44.8	41.3	34.3			44.2	43.1	39.9				41.2	42.1	38.7				38.1	40.8	37.3				30.0
34.0			36.6	31.3			31.1	38.4	35.1	28.5			36.5	37.2	34.0	27.4			34.2	35.9	32.8				34.0
38.0				27.9	22.1				31.4	27.0			30.0	33.2	30.3	26.0			30.6	32.0	29.1	22.8			38.0
42.0					21.3					24.2	18.3			27.1	27.2	23.3			26.9	28.8	26.4	22.2			42.0
46.0					19.2	13.9				21.9	18.1				24.7	21.0	15.3		15.7	26.4	23.9	19.9	14.2		46.0
50.0						13.9					16.4	11.3				19.1	15.3				21.8	18.0	14.2		50.0
54.0												11.3					14.1	9.1				16.4	13.5		54.0
58.0												10.8					13.0	9.1				15.0	12.2	6.9	58.0
62.0																		9.0					11.1	6.9	62.0
66.0																								6.9	66.0
70.0																								6.8	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	39.6	34.4				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	34.8	31.7				29.1	33.3	28.7				26.3	29.8	27.6				23.6	26.4					34.0
38.0	28.7	31.0	28.1				26.6	29.9	27.4				24.3	27.2	26.5				21.9	24.8	22.9				38.0
42.0	25.8	27.8	25.5	19.1			24.2	27.1	24.5	18.0			22.2	24.0	23.6				20.3	23.2	22.5				42.0
46.0	23.1	25.5	23.0	19.1			22.1	24.5	22.0	18.0			19.5	21.2	21.2	14.9			16.2	21.6	20.1				46.0
50.0	17.1	23.2	20.9	17.2	11.6		17.6	22.1	19.9	16.3			14.9	18.9	19.1	14.9			11.6	16.8	18.1	11.9			50.0
54.0		14.9	19.1	15.6	11.6		13.9	17.3	18.1	14.7	9.1		11.1	14.9	17.3	13.9			7.9	12.0	16.3	11.9			54.0
58.0			17.3	14.2	11.5			13.5	16.6	13.7	9.1		8.0	11.0	15.8	13.0	7.1		4.7	8.0	14.8	11.9	5.9		58.0
62.0				13.3	10.4	5.2			14.5	12.5	9.1		5.5	7.8	12.7	11.8	7.1			4.8	10.3	10.8	5.9		62.0
66.0					9.5	5.2				11.4	8.6			5.1	8.9	10.7	7.1				6.4	9.7	5.9		66.0
70.0					8.6	5.2				10.5	7.8					9.7	7.1					8.8	5.9		70.0
74.0						5.2					7.0					8.9	6.4					8.0	5.4		74.0
78.0																	5.7						4.8		78.0
82.0																	5.1								82.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	21.9				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	21.7				15.9	17.7	18.0				13.0	15.9	17.1				9.7	13.3					42.0
46.0	13.4	19.4	19.3				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	17.3	11.0			5.5	11.4	16.0					8.9	15.7					5.9	10.8				50.0
54.0	5.0	9.4	15.6	11.0				6.5	14.6	8.5					14.0						9.6				54.0
58.0		5.4	13.0	11.0					10.5	8.5					8.5	6.4					6.0	5.4			58.0
62.0			8.1	10.1					5.6	8.5						6.4						5.4			62.0
66.0				9.1						8.3						6.4						5.4			66.0
70.0				8.1						7.4						6.4						5.4			70.0
74.0				6.9						5.2															74.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	51.4				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	48.4				43.8	48.9	45.5				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	44.8				40.8	45.3	43.2				40.7	45.1	40.6				39.9	44.5					26.0
28.0	37.9	42.0	42.0				38.1	42.1	40.5				38.0	41.9	39.3				37.6	41.4	36.2				28.0
30.0		39.1	39.2	31.6			35.7	39.2	37.8				35.6	39.1	36.7				35.2	38.6	35.3				30.0
34.0			34.7	29.0			30.7	34.2	33.3	26.2			31.4	34.2	32.2				31.1	33.9	31.0				34.0
38.0				26.0					29.7	24.9			27.9	30.3	28.7	21.9			27.8	30.1	27.5	20.7			38.0
42.0				23.4	17.1					22.3	15.9			26.9	26.1	21.4			25.0	26.9	25.0	20.4			42.0
46.0					17.0					20.1	15.9				23.7	19.3	13.1		16.6	24.2	22.6	18.3			46.0
50.0						10.0					14.4					17.4	13.1				20.6	16.5	10.4		50.0
54.0						10.0					13.3	7.7				16.0	12.6	6.8				14.9	10.4		54.0
58.0												7.7					11.4	6.8				14.0	10.4	4.8	58.0
62.0																		6.8					9.5	4.8	62.0
66.0																		6.6					8.7	4.8	66.0
70.0																								4.8	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	32.4				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.4	30.0				26.9	30.8	26.9				24.6	27.9	25.9				22.0	24.7					34.0
38.0	26.7	29.7	27.0				24.6	28.5	25.9				22.7	26.0	25.0				20.5	23.3	21.3				38.0
42.0	24.3	26.7	24.1	17.2			22.5	26.0	23.1				20.9	24.1	22.3				19.1	21.8	21.1				42.0
46.0	21.9	24.0	21.7	17.2			20.6	23.5	20.8	14.0			19.2	21.4	19.9	13.1			16.3	20.3	18.9				46.0
50.0	17.3	21.6	19.7	15.7			17.7	21.2	18.8	14.0			14.9	19.0	18.0	13.1			11.5	17.2	16.9	10.3			50.0
54.0		16.1	18.0	14.2	8.3		13.9	17.7	17.0	13.2	7.2		11.0	15.2	16.3	12.9			7.7	12.2	15.3	10.3			54.0
58.0			16.5	13.2	8.3		8.3	13.6	15.6	12.3	7.2		7.8	11.1	14.8	11.6	5.3		4.5	8.1	13.8	10.3			58.0
62.0				12.1	8.3				14.3	11.2	7.2		5.2	7.8	13.3	10.5	5.3			4.7	10.8	9.5			62.0
66.0					8.0					10.2	7.1			5.0	9.3	9.5	5.3				6.7	8.6			66.0
70.0					7.2					9.3	6.4				5.9	8.6	5.3					7.7			70.0
74.0											5.7					7.8	5.0					6.9			74.0
78.0											5.1						4.4					5.1			78.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	20.3				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	20.3				15.3	17.2	16.6				13.0	15.1	15.6				9.7	12.0					42.0
46.0	13.4	18.3	18.1				10.0	16.2	16.6				7.1	14.3	15.6					11.0	12.3				46.0
50.0	8.6	14.7	16.2				5.3	11.7	15.3					9.1	14.5					6.1	11.0				50.0
54.0	4.8	9.6	14.5	8.0				6.5	13.7	7.0					13.4						9.8				54.0
58.0		5.4	13.5	8.0					11.3	7.0					9.2	4.9					6.7				58.0
62.0			8.6	8.0					6.0	7.0						4.9									62.0
66.0			4.5	7.9						7.0						4.9									66.0
70.0				7.0						6.2						4.9									70.0
74.0				6.2						5.5						4.8									74.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 0 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	45.8				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	42.4				33.2	37.2	39.6				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	39.7				31.0	34.5	38.3				30.8	34.4	35.4				30.5	34.1					28.0
30.0		32.1	37.1				29.0	32.1	35.8				28.9	32.0	34.6				28.5	31.7	31.5				30.0
34.0			32.5	25.0			25.2	27.9	31.5	23.8			25.3	27.9	30.5				25.0	27.6	29.3				34.0
38.0				23.9				24.3	28.1	22.8			22.3	24.6	27.1	19.8			22.1	24.3	26.3				38.0
42.0				21.5	14.7				24.8	20.4				21.7	24.6	19.5			19.6	21.5	23.6	16.2			42.0
46.0					14.7					18.4	11.8				22.0	17.5			16.8	19.1	21.3	16.2			46.0
50.0					13.4	7.5					11.8					15.8	9.5				19.3	14.9	8.4		50.0
54.0						7.5					11.5	5.4				14.4	9.5				17.1	13.8	8.4		54.0
58.0						7.5						5.4					9.5					12.6	8.4		58.0
62.0												5.4					8.8						7.9		62.0
66.0																							7.1		66.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	26.3				24.3	26.9	25.1				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	25.4				21.5	23.6	24.3				21.0	23.3	20.9				19.2	21.9	19.7				38.0
42.0	19.5	21.3	22.7	15.2			19.1	20.9	21.7				18.8	20.6	20.9				17.8	20.5	19.7				42.0
46.0	17.5	19.0	20.4	15.2			17.1	18.6	19.5	12.2			16.8	18.3	18.7				16.5	19.1	17.6				46.0
50.0	15.7	17.0	18.5	14.1			15.3	16.7	17.6	12.2			15.0	16.3	16.8	9.7			11.5	17.8	15.8	8.6			50.0
54.0		15.2	16.9	13.1	6.3		13.8	14.9	15.9	12.2			11.0	14.6	15.2	9.7			7.5	12.5	14.2	8.6			54.0
58.0			15.4	11.8	6.3		8.9	13.4	14.5	11.0			7.7	11.3	13.8	9.7				8.2	13.2	8.6			58.0
62.0				10.8	6.3				13.6	9.9			5.0	7.8	12.9	9.2				4.7	11.5	8.3			62.0
66.0				9.8	6.3					9.0				4.9	9.7	8.3					7.1	7.4			66.0
70.0					5.8					8.1					6.2	7.5						6.5			70.0
74.0					5.1											6.7						5.8			74.0
78.0																6.1						5.2			78.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	16.2				14.4	16.3	15.1				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	16.2				10.0	15.4	15.1				7.0	12.4	12.1					9.8	11.1				46.0
50.0	8.6	15.3	15.0				5.1	12.1	14.1					9.5	12.1					6.4	11.1				50.0
54.0	4.6	9.8	13.9	6.4				6.7	13.1						12.1						10.7				54.0
58.0		5.5	12.5	6.4					11.7						10.2						7.7				58.0
62.0			9.3	6.4					6.6						4.4										62.0
66.0			4.9	6.4																					66.0
70.0				5.9																					70.0
74.0				5.1																					74.0
78.0				4.5																					78.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		120.0																							14.0
15.0		118.5					105.8	110.5					92.7												15.0
16.0		112.5					102.4	106.8					89.9						78.2						16.0
17.0	102.9	104.5	102.5				99.2	103.4					87.2	90.7					76.1						17.0
18.0	94.8	97.6	95.7				94.9	96.7					84.6	88.0					74.0						18.0
19.0	87.8	91.5	89.7				87.8	90.6	88.8				82.1	85.4					71.9	74.6					19.0
20.0	81.7	86.0	84.4				81.7	85.2	83.5				79.8	82.9					69.5	72.5					20.0
22.0	70.0	76.8	75.3	72.8			71.6	76.1	74.5				72.2	76.1	74.5				65.1	68.0					22.0
24.0	56.1	66.7	67.9	65.6			63.7	68.6	67.2	64.8			64.1	68.6	67.1				61.0	63.6	67.0				24.0
26.0	44.2	53.2	61.8	59.7			57.2	61.2	61.1	58.9			57.6	61.7	61.0				56.8	59.6	60.8				26.0
28.0		41.3	55.1	54.6	52.8		50.6	55.2	55.9	53.9			52.2	55.6	55.8	53.7			51.8	54.9	55.6				28.0
30.0			42.6	50.3	48.6		41.7	48.8	51.5	49.6	47.8		47.6	50.5	51.4	49.5			47.6	50.2	51.2	49.2			30.0
34.0					41.8	40.4		31.6	41.5	42.7	41.1		38.1	42.5	44.2	42.5	40.9		40.4	42.5	44.0	42.3			34.0
38.0						35.2				37.3	35.9	34.5	26.3	31.0	38.6	37.1	35.7	34.3	34.5	36.5	38.4	36.9	35.4		38.0
42.0											31.8	30.5			26.1	32.9	31.5	30.3	25.5	29.2	34.0	32.6	31.2	29.9	42.0
46.0																	28.2	27.0		16.3	25.9	29.1	27.8	26.6	46.0
50.0																		24.3				26.1	25.0	23.9	50.0
54.0																							22.7	21.7	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	54.8				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	51.4				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	48.2				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	42.6	42.1			32.9	34.2	36.3	40.2			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	36.7	36.7			29.2	30.4	32.2	35.4			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	31.9	32.4	31.0		26.1	27.0	28.6	31.4	30.8		21.9	22.7	24.1	26.6			21.0	23.9	27.4	30.2			42.0
46.0	24.0	26.5	28.1	28.9	27.6	26.4	23.0	24.2	25.5	27.9	27.4		19.5	20.2	21.4	23.5	25.9		17.4	19.9	24.1	26.7			46.0
50.0	11.9	19.0	24.7	26.0	24.8	23.7	18.9	20.5	22.5	25.0	24.6	23.2	16.3	18.0	19.1	20.9	22.9		13.3	16.4	20.1	23.9	23.2		50.0
54.0				23.5	22.5	21.4	13.4	16.6	18.4	21.6	22.2	21.1	12.9	14.7	16.3	18.6	20.4	20.2	9.9	12.4	16.7	21.7	21.2		54.0
58.0					20.4	19.5			14.9	17.7	20.1	19.2	10.2	11.8	13.2	15.6	18.2	19.0	7.0	9.0	12.8	18.9	19.1	17.3	58.0
62.0						17.8				14.2	16.9	17.5	4.6	9.2	10.4	12.6	14.9	17.3	4.7	6.3	9.2	15.5	17.4	16.4	62.0
66.0											13.6	16.0				9.9	12.0	14.2			6.3	11.7	15.8	14.9	66.0
70.0																	9.4	11.3				8.0	13.4	13.6	70.0
74.0																		8.8				4.9	10.0	12.4	74.0
78.0																								10.9	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	26.6			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	20.1			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	18.2				8.4	13.3	14.2				6.3	11.5	13.2					8.3			58.0
62.0			7.1	12.3	16.4	15.0			4.6	12.2	13.0	13.9				8.5	12.2					7.4	8.1		62.0
66.0				9.6	13.7	14.5				9.0	12.0	12.8				5.9	10.5	12.0				6.1	7.2		66.0
70.0				6.7	10.6	13.1				4.8	11.1	11.8					7.6	11.1					6.4	7.0	70.0
74.0					8.0	11.8					9.1	10.9					5.1	9.4					5.6	6.3	74.0
78.0					5.6	8.9					4.6	10.1						6.6						5.6	78.0
82.0						6.3						7.8												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	118.6	120.0					110.0																		14.0
15.0	114.3	117.5					106.4						93.1												15.0
16.0	110.5	110.5					102.9	106.8					90.3						78.5						16.0
17.0	103.9	103.4	100.9				99.7	100.8					87.6	91.7					76.3						17.0
18.0	95.5	96.5	94.2				96.3	95.7					85.0	88.9					74.2						18.0
19.0	88.4	90.5	88.3				89.1	90.0	87.7				82.5	86.3					72.2	75.3					19.0
20.0	82.2	85.1	83.0				82.8	84.6	82.5				80.1	83.7					69.9	73.2					20.0
22.0	72.0	76.0	74.1				72.5	75.5	73.6				73.1	75.5	73.6				65.4	68.8					22.0
24.0	58.2	68.5	66.8	64.0			64.3	68.1	66.3				64.8	68.1	66.3				61.2	64.3	65.7				24.0
26.0	45.9	56.5	60.7	58.2			57.7	61.9	60.3	57.6			58.1	61.9	60.2				57.2	60.2	60.1				26.0
28.0		44.2	55.6	53.3	51.0		52.3	56.2	55.2	52.7			52.6	56.6	55.1	52.6			52.2	55.9	54.9				28.0
30.0			47.7	49.1	46.9		44.8	51.1	50.8	48.5			47.9	51.3	50.7	48.4			47.9	51.1	50.5				30.0
34.0				42.2	40.3	38.6		35.0	43.7	41.7	39.8		40.6	43.1	43.6	41.6	39.6		40.6	43.1	43.4	41.3			34.0
38.0					35.2	33.6				36.4	34.7	33.0	28.3	34.0	38.1	36.3	34.5		35.0	36.9	37.9	36.0	34.2		38.0
42.0						29.7					30.7	29.2			29.9	32.1	30.5	28.9	27.4	31.9	33.5	31.8	30.1		42.0
46.0												26.0				28.6	27.2	25.8		17.2	29.1	28.3	26.8	25.4	46.0
50.0																	24.5	23.1				25.5	24.1	22.8	50.0
54.0																							21.8	20.6	54.0
58.0																								18.7	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	56.0				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	52.5				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	49.2				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	43.3	41.2			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	37.6	35.9			29.3	30.6	32.8	35.6			24.7	25.9	27.8	31.2			26.9	29.5	31.2				38.0
42.0	28.8	30.3	32.6	31.6	30.0		26.1	27.3	29.1	31.4			21.9	22.9	24.6	27.5			22.3	25.8	27.9	29.4			42.0
46.0	25.5	26.7	28.6	28.2	26.6		22.7	24.4	25.9	28.0	26.4		19.5	20.4	21.8	24.3	25.5		17.1	21.4	24.9	27.1			46.0
50.0	13.8	21.5	25.4	25.3	23.9	22.5	18.6	20.8	23.3	25.1	23.7		15.9	18.2	19.4	21.6	23.6		12.9	16.3	22.0	24.2	21.7		50.0
54.0			18.4	22.9	21.6	20.3	14.9	16.9	19.0	22.7	21.3	19.5	12.5	14.9	16.8	19.2	21.2	18.9	9.4	12.2	17.4	21.7	20.3		54.0
58.0				20.9	19.6	18.5		9.4	15.4	18.8	19.3	18.2	9.7	11.6	13.6	16.6	19.0	18.0	6.5	8.7	12.9	19.6	18.3	16.1	58.0
62.0					18.0	16.8				15.2	17.6	16.5	5.9	8.8	10.9	13.4	16.3	16.3		5.9	9.2	17.3	16.6	15.4	62.0
66.0											14.9	15.1			8.4	10.7	13.2	14.9			6.1	12.4	15.1	13.9	66.0
70.0												13.9				8.3	10.4	12.8				8.5	13.8	12.6	70.0
74.0																		10.1				5.1	11.3	11.4	74.0
78.0																							7.0	10.3	78.0
82.0																								9.1	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	24.7			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	21.9			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	19.5	18.6			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	17.5	17.9				8.5	13.6	14.7				6.5	13.6	14.7					8.6			58.0
62.0			7.1	14.8	16.2	13.6			4.6	12.5	13.5					11.2	13.5					7.6	8.5		62.0
66.0				11.3	14.7	13.4				9.8	12.4	11.3				8.1	12.2					6.8	7.6		66.0
70.0				7.1	13.3	12.0				5.4	11.4	11.3					10.7	9.3					6.7		70.0
74.0					10.4	10.9					10.5	10.6					7.5	9.3					6.0	6.7	74.0
78.0					6.7	9.8					5.8	9.6					4.8	9.1						5.9	78.0
82.0						8.7						8.6						6.7						5.3	82.0
86.0						5.4						5.5												4.7	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	120.0																								13.0
14.0	119.4	120.0					110.6																		14.0
15.0	115.1	112.8					106.9						93.6												15.0
16.0	108.8	106.2					103.4	102.7					90.7												16.0
17.0	102.8	100.3					99.5	97.3					88.0						76.6						17.0
18.0	97.0	95.2	91.6				94.5	92.2					85.3	89.3					74.5						18.0
19.0	89.7	89.9	87.1				89.8	87.6					82.8	85.3					72.4						19.0
20.0	83.3	84.5	82.1				83.9	83.6	80.1				80.4	81.3					70.2	73.9					20.0
22.0	72.8	75.4	73.2				73.3	75.0	72.7				73.9	74.2	70.9				65.7	69.6					22.0
24.0	60.0	68.0	66.0	62.7			64.9	67.6	65.5				65.5	67.6	65.4				61.5	65.1	63.1				24.0
26.0	47.5	59.8	60.0	57.0			58.2	61.4	59.5				58.6	61.4	59.4				57.6	60.9	59.0				26.0
28.0		47.1	54.9	52.1			52.6	56.2	54.4	51.6			53.0	56.2	54.4				52.6	56.0	54.2				28.0
30.0			50.5	48.0	45.5		46.3	51.7	50.1	47.4			48.3	51.7	50.0	47.3			48.2	51.6	49.8				30.0
34.0				41.2	39.0			37.6	43.1	40.7	38.4		40.8	43.7	43.0	40.6			40.8	43.8	42.8	40.3			34.0
38.0					34.1	32.2			32.5	35.5	33.5		30.0	36.8	37.5	35.4	33.3		35.2	37.4	37.3	35.1			38.0
42.0						28.4				31.4	29.6	27.8			33.2	31.2	29.3		29.0	32.5	32.9	31.0	29.0		42.0
46.0											26.4	24.7				27.9	26.1	24.5		23.0	29.4	27.6	25.8	24.1	46.0
50.0												22.2					23.5	22.0				24.8	23.1	21.6	50.0
54.0																		19.8					20.9	19.5	54.0
58.0																								17.7	58.0
62.0																								16.1	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	56.6				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	49.4	53.6				39.9	42.1	45.7				33.9	35.7					32.6	35.0					28.0
30.0	43.9	46.3	49.8				37.4	39.5	42.9				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	40.8	42.7	39.6			33.1	34.9	37.8				28.0	29.6	32.1				29.8	32.4	34.8				34.0
38.0	33.0	35.1	37.2	35.0			29.4	30.9	33.4	33.7			24.8	26.1	28.3				27.7	29.8	31.6				38.0
42.0	28.9	30.6	32.8	30.8	28.8		26.2	27.5	29.6	30.6			22.0	23.1	25.0	28.5			22.1	26.4	28.5	27.6			42.0
46.0	25.3	27.0	29.2	27.4	25.6		22.5	24.6	26.4	27.2	24.6		19.5	20.5	22.2	25.2			16.8	21.6	25.3	26.3			46.0
50.0	15.3	23.3	25.8	24.6	23.0	21.1	18.3	21.2	23.6	24.4	22.7		15.6	18.3	19.7	22.3	21.2		12.5	16.3	22.8	23.5			50.0
54.0			22.0	22.2	20.7	19.2	14.9	17.1	19.7	22.0	20.5	18.1	12.1	14.8	17.4	19.8	20.4		9.0	12.0	17.8	21.1	17.9		54.0
58.0				20.2	18.8	17.4		11.5	16.0	19.9	18.5	17.1	9.3	11.3	14.1	17.6	18.4	15.5	6.1	8.5	13.1	19.0	17.5		58.0
62.0					17.2	15.9				16.2	16.9	15.5	7.0	8.5	11.3	14.3	16.7	15.4		5.6	9.2	17.2	15.8	12.8	62.0
66.0						14.5					15.4	14.1			8.5	11.4	14.4	13.9			6.0	13.3	14.3	12.8	66.0
70.0												12.9				8.9	11.5	12.7				9.0	13.0	11.5	70.0
74.0																	9.0	11.5				5.5	11.8	10.4	74.0
78.0																		9.0					8.2	9.4	78.0
82.0																								8.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	23.6			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	23.0			6.7	11.1	15.1	16.7				8.7	15.1	16.5				5.8	11.1				50.0
54.0	6.2	9.6	16.0	20.4	16.9			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	18.3	16.9				8.7	13.9	14.2				6.7	14.0						8.9			58.0
62.0			7.1	16.5	15.4				4.6	12.8	14.0					12.9	11.8					7.9			62.0
66.0				12.2	13.8	10.7				10.8	12.8					9.7	11.8					7.0	8.0		66.0
70.0				7.8	12.5	10.7				6.0	11.8	8.6				4.6	11.1	7.7					7.1		70.0
74.0					11.3	9.9					10.9	8.6					10.3	7.7					6.3	5.8	74.0
78.0					7.9	8.9					7.2	8.6					6.8	7.7					5.6	5.8	78.0
82.0						8.0						7.7						7.2						5.6	82.0
86.0						7.2						6.9						6.4						5.0	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	119.9																								13.0
14.0	118.5						106.7																		14.0
15.0	111.4	108.3					104.0						89.0												15.0
16.0	105.0	102.0					101.1						87.3												16.0
17.0	99.5	96.6					96.3	93.4					85.4						73.1						17.0
18.0	94.4	91.6					91.4	88.8					83.3	86.0					71.9						18.0
19.0	89.7	87.1	83.1				86.9	84.6					81.3	82.2					70.6						19.0
20.0	84.4	83.2	79.6				83.1	80.6					79.1	78.4					69.1	74.6					20.0
22.0	73.6	74.8	72.2				74.1	73.7	69.9				73.8	71.6					66.0	69.5					22.0
24.0	61.8	67.4	65.1				65.6	67.0	64.6				66.7	66.1	62.4				61.8	64.2					24.0
26.0	49.0	61.3	59.1	55.6			58.7	60.9	58.6				59.7	61.2	58.4				57.9	59.4	55.8				26.0
28.0	36.9	49.9	54.1	50.8			53.0	55.7	53.6	50.2			53.9	56.0	53.9				52.9	55.5	52.9				28.0
30.0		37.5	49.8	46.8			47.6	51.3	49.3	46.2			49.0	51.6	49.6				48.5	51.5	49.3				30.0
34.0				40.2	37.6			39.6	42.4	39.6			41.4	44.3	42.6	39.8			41.3	44.2	42.5	38.7			34.0
38.0					32.7	30.5			36.3	34.5	32.2		31.7	38.3	37.2	34.7	32.2		35.7	38.3	37.0	34.4			38.0
42.0					28.9	26.9				30.5	28.3	26.3			32.9	30.6	28.4		30.4	33.2	32.7	30.4	27.7		42.0
46.0						23.9					25.2	23.3				27.3	25.3	23.3		25.2	29.1	27.0	25.0		46.0
50.0												20.9					22.6	20.8			23.7	24.3	22.4	20.1	50.0
54.0																		18.7				21.9	20.2	18.5	54.0
58.0																		17.0					18.3	16.7	58.0
62.0																								15.2	62.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	60.5					48.4						41.0												22.0
24.0	53.3	56.8					45.5	48.3					38.5						32.7						24.0
26.0	50.0	53.2					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	49.9	50.3				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	46.8	48.0				37.6	39.9	43.8				31.9	33.9					30.2	32.7					30.0
34.0	38.4	41.3	42.1				33.2	35.2	38.6				28.1	29.9	32.7				28.3	31.1	34.2				34.0
38.0	33.2	35.5	36.6	33.0			29.4	31.2	34.0	31.7			24.9	26.4	28.8				26.4	29.3	32.1				38.0
42.0	29.0	30.9	32.3	29.9			26.2	27.7	30.1	29.7			22.0	23.3	25.5	27.1			21.9	26.7	29.1				42.0
46.0	25.2	27.2	28.8	26.6	23.8		22.3	24.7	26.8	26.4			19.6	20.7	22.6	26.1			16.6	21.7	25.8	23.0			46.0
50.0	16.4	23.8	25.8	23.8	21.9		18.0	21.3	24.0	23.6	20.3		15.4	18.4	20.0	23.1	19.3		12.2	16.3	23.2	22.7			50.0
54.0			23.2	21.5	19.7	17.2	14.5	17.0	20.4	21.3	19.5		11.8	14.7	17.8	20.5	19.3		8.7	11.9	18.4	20.4	16.1		54.0
58.0				19.6	17.9	16.2		13.2	16.5	19.3	17.6	14.5	8.9	11.2	14.6	18.2	17.5		5.7	8.3	13.4	18.4	16.1		58.0
62.0					16.3	14.7				17.2	16.0	14.3	6.6	8.3	11.7	15.2	15.9	12.2		5.3	9.4	16.6	14.8	11.0	62.0
66.0						13.3				13.8	14.6	12.9			8.5	12.2	14.5	12.2			6.0	14.3	13.4	11.0	66.0
70.0						12.1					13.4	11.7				9.6	12.7	11.5				9.7	12.0	10.3	70.0
74.0												10.7					10.0	10.4				6.0	10.9	9.3	74.0
78.0																		9.5					9.6	8.3	78.0
82.0																							5.3	7.5	82.0
86.0																								6.7	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	28.2				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.8				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	23.6	22.0			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	21.0	21.9			6.3	11.1	15.3	17.1				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	19.9				6.5	14.0	15.6					12.5	15.5					10.0	10.3			54.0
58.0		5.8	11.4	18.1	13.6				9.0	14.3					7.0	14.3					4.5	9.2			58.0
62.0			7.3	16.3	13.6				4.7	13.1	11.1					13.2	10.2					8.2			62.0
66.0				13.3	13.1	9.0				11.9	11.1					10.9	10.2					7.3	8.0		66.0
70.0				8.5	11.8	9.0				6.9	11.1	6.9				5.5	10.2						7.5		70.0
74.0				4.6	10.6	8.9					10.2	6.9					9.7	5.2					6.6		74.0
78.0					9.5	8.0					8.8	6.9					8.6	5.2					5.9		78.0
82.0					5.0	7.1						6.7						5.2							82.0
86.0						6.4						5.9						5.2							86.0
90.0						4.7						4.9						4.7							90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	112.3						97.8																		14.0
15.0	106.3						95.3						82.2												15.0
16.0	100.9	98.2					92.8						80.7												16.0
17.0	95.9	92.9					90.2	89.7					78.9						68.0						17.0
18.0	91.2	88.1					87.4	85.6					77.1						66.8						18.0
19.0	86.8	84.1					84.3	81.5					75.2	78.7					65.6						19.0
20.0	83.0	80.1	75.7				80.4	77.7					73.2	75.5					64.3	70.4					20.0
22.0	74.5	73.3	69.5				73.6	71.0	66.9				69.3	69.1					61.6	67.3					22.0
24.0	63.5	66.9	64.2				66.8	65.6	62.2				65.4	63.9	59.7				58.6	62.0					24.0
26.0	50.4	60.8	58.3				59.7	60.7	57.6				60.2	59.1	56.3				55.7	57.4	53.4				26.0
28.0	38.4	52.7	53.3	49.5			53.9	55.5	53.1				54.3	55.3	52.3				52.9	53.7	50.7				28.0
30.0		40.3	49.0	45.5			48.8	51.1	48.9	44.6			49.4	51.1	48.8				48.8	50.1	47.3				30.0
34.0				39.1	36.1		30.9	41.7	42.0	38.8			41.6	43.9	41.9	37.8			41.5	43.8	41.7	36.4			34.0
38.0				34.0	31.4				36.6	33.8	31.1		32.5	38.3	36.6	33.7			35.9	38.2	36.4	33.4			38.0
42.0					27.7	25.4				29.8	27.3			25.0	32.3	29.7	26.7		30.6	33.6	32.1	29.5			42.0
46.0						22.5					24.3	22.1				26.4	24.1			26.9	28.6	26.2	22.8		46.0
50.0												19.8				23.7	21.6	19.0			25.7	23.5	21.3		50.0
54.0												17.8					19.5	17.5				21.2	19.2	16.1	54.0
58.0																		15.8					17.4	15.4	58.0
62.0																								13.9	62.0
66.0																								12.6	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	59.1					47.0						40.4												22.0
24.0	52.2	57.4					45.6	48.8					38.7						31.1						24.0
26.0	50.0	53.8					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	50.4	48.1				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	47.3	46.0				37.7	40.4	43.3				32.0	34.2					28.7	31.3					30.0
34.0	38.6	41.8	40.5				33.3	35.6	39.3				28.2	30.2	33.4				27.0	29.8	33.0				34.0
38.0	33.3	36.0	36.3	31.0			29.5	31.5	34.7				24.9	26.6	29.4				25.2	28.1	31.8				38.0
42.0	29.1	31.2	32.1	29.2			26.3	27.9	30.7	26.4			22.1	23.6	26.0	25.3			21.8	26.4	29.3				42.0
46.0	25.1	27.5	28.6	26.1	21.7		22.2	24.9	27.3	25.6			19.5	20.9	23.0	24.8			16.4	22.0	26.3	21.3			46.0
50.0	17.3	23.9	25.7	23.4	21.2		17.8	21.4	24.4	22.9	18.4		15.1	18.6	20.4	22.4			12.0	16.4	23.6	21.3			50.0
54.0			23.2	21.1	19.1	15.1	14.3	17.1	21.1	20.6	18.4		11.5	14.7	18.1	20.4	15.6		8.4	11.9	19.0	19.3			54.0
58.0				19.2	17.2	15.1		13.5	17.1	18.6	16.7	12.5	8.6	11.1	15.2	18.6	15.6		5.3	8.2	13.8	17.6	12.8		58.0
62.0				17.5	15.7	13.7			13.7	17.0	15.1	12.5	6.2	8.0	12.0	16.2	14.7	10.4		5.1	9.6	16.0	12.8		62.0
66.0					14.3	12.4				14.8	13.7	11.7			8.5	13.1	13.5	10.4			6.1	14.5	12.4	8.1	66.0
70.0						11.2					12.4	10.6				10.4	12.2	10.4				10.6	11.1	8.1	70.0
74.0												9.6					11.1	9.3				6.6	10.0	8.1	74.0
78.0												8.7					8.6	8.4					9.0	7.3	78.0
82.0																		7.6					6.6	6.5	82.0
86.0																								5.8	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	27.1				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	26.0				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	24.1				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	21.7	18.1			6.0	11.1	15.6	17.0				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	18.1				6.5	14.2	16.0					13.1	14.2					10.2				54.0
58.0		5.6	11.8	16.8	11.9				9.4	14.6					7.4	14.2					4.9	9.5			58.0
62.0			7.5	15.3	11.9				4.9	13.4	9.6					13.5						8.5			62.0
66.0				14.0	11.9					12.3	9.6					12.4	7.5					7.6			66.0
70.0				9.4	10.9	6.3				7.8	9.6					6.6	7.5					4.9	5.5		70.0
74.0				5.2	9.7	6.3					9.3	4.4					7.5						5.5		74.0
78.0					8.7	6.3					8.3	4.4					7.5						5.5		78.0
82.0					6.3	6.1					5.5	4.4					5.0								82.0
86.0						5.4						4.4													86.0
90.0						4.8																			90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	83.1	89.2					73.9	83.1					64.9						56.7						17.0
18.0	80.2	84.9					71.7	81.2					63.3						55.6						18.0
19.0	77.3	80.9					69.5	78.4					61.8	69.1					54.5						19.0
20.0	74.4	77.1	72.2				67.3	74.8					60.1	67.7					53.3						20.0
22.0	69.0	70.6	66.7				63.1	68.7	63.8				56.8	64.8					50.9	57.0					22.0
24.0	63.8	65.3	61.4				58.8	63.3	59.5				53.6	61.6	57.0				48.5	54.9					24.0
26.0	51.9	60.5	56.9				54.9	58.7	55.4				50.5	57.1	53.8				46.0	52.5	50.9				26.0
28.0	39.9	55.4	52.7	46.7			51.1	54.9	51.5				47.4	53.4	50.1				43.6	50.1	48.5				28.0
30.0		43.2	48.5	44.5			47.7	50.9	48.1				44.6	49.9	46.8				41.3	47.6	45.3				30.0
34.0			41.6	38.2			30.3	43.8	41.6	36.7			39.3	43.8	41.2	35.4			36.9	42.7	39.9				34.0
38.0				33.2	29.9				36.2	33.0	28.6		30.2	38.3	36.3	32.9			32.9	38.2	35.8	30.0			38.0
42.0					26.6					29.1	26.3			25.8	32.0	29.0	24.4		28.0	33.8	31.9	28.7			42.0
46.0						20.9				25.9	23.3	19.7			27.0	25.8	23.2		14.8	26.1	28.4	25.6	20.6		46.0
50.0						18.9					20.9	18.5				23.2	20.7	16.7			25.5	22.9	20.3		50.0
54.0												16.5					18.6	16.3				20.6	18.2	13.9	54.0
58.0																		14.6					16.5	13.9	58.0
62.0																		13.2					15.0	12.6	62.0
66.0																								11.4	66.0
Reeves	8						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	44.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	43.0	42.7				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	39.3	39.1				31.3	35.6	36.0				28.0	30.5	34.1				25.2	28.0					34.0
38.0	30.8	35.7	34.8	28.9			28.6	31.8	33.6				25.0	26.9	30.0				23.5	26.4	29.4				38.0
42.0	27.7	31.6	31.2	27.8			26.0	28.2	30.1	24.5			22.1	23.8	26.5				21.8	24.7	28.4				42.0
46.0	24.5	27.7	28.0	25.0			22.1	25.1	27.2	24.0			19.4	21.1	23.4	20.8			16.3	22.3	25.5	19.6			46.0
50.0	16.8	24.2	25.2	22.6	17.5		17.7	21.7	24.8	21.7	16.4		15.0	18.7	20.8	20.8			11.8	16.6	23.1	19.6			50.0
54.0		13.5	22.7	20.3	17.5		14.1	17.1	21.8	19.8	16.4		11.3	14.8	18.4	19.0	13.7		8.1	11.9	19.8	17.9			54.0
58.0				18.4	16.2	11.6		13.4	17.7	18.1	15.3		8.3	11.0	15.7	17.3	13.7		5.0	8.1	14.3	16.3	11.1		58.0
62.0				16.8	14.6	11.6			14.0	16.5	14.0	9.3	5.8	7.9	12.3	15.8	13.6			4.9	9.9	14.8	11.1		62.0
66.0					13.2	11.0				15.1	13.0	9.3			8.7	14.0	12.4	7.4			6.2	13.9	11.1		66.0
70.0						10.0					11.7	9.3				11.1	11.2	7.4				11.6	10.4	5.4	70.0
74.0						9.0					10.7	8.7				8.6	10.2	7.4				7.3	9.3	5.4	74.0
78.0												7.8					9.2	7.3					8.4	5.4	78.0
82.0																		6.5					7.5	5.4	82.0
86.0																		5.9						4.9	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	26.0				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	25.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	23.8				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	22.3	16.5			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	18.0	16.5				6.4	14.4	13.6					13.9	12.7					9.4				54.0
58.0		5.5	12.3	15.5					9.9	13.6					7.9	12.7					5.4	9.9			58.0
62.0			7.8	14.1	8.9				5.2	13.2	7.9					12.7						8.8			62.0
66.0				13.2	8.9					12.4	7.9					11.7	6.0					7.9			66.0
70.0				10.5	8.9	4.5				9.0	7.9					7.8	6.0					6.2			70.0
74.0				6.0	8.8	4.5					7.9						6.0								74.0
78.0					7.9	4.5					7.2						6.0								78.0
82.0					7.0	4.5					6.4						5.8								82.0
86.0																									86.0
90.0																									90.0
94.0																									94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	81.0					68.3						59.2						52.0						17.0
18.0	68.3	77.2					66.3	75.2					57.8						51.1						18.0
19.0	65.5	73.7					64.3	73.5					56.3						50.1						19.0
20.0	62.9	70.4					62.4	70.4					55.0	62.0					49.1						20.0
22.0	58.0	64.6	62.9				58.1	64.6					52.1	59.4					46.9	52.6					22.0
24.0	53.9	59.6	58.6				54.0	59.6	55.9				49.1	56.5					44.6	50.7					24.0
26.0	50.2	55.2	54.6				50.3	55.3	52.9				46.4	53.7	50.2				42.4	48.6					26.0
28.0	41.3	51.4	50.8				47.1	51.5	49.2				43.7	50.9	47.8				40.3	46.4	45.0				28.0
30.0		45.9	47.6	40.8			44.2	48.1	46.0				41.2	47.9	44.7				38.1	44.2	43.6				30.0
34.0			41.2	37.2			31.1	42.1	40.6	34.3			36.5	42.2	39.7	33.1			34.2	39.8	38.4				34.0
38.0				32.4	27.3				35.9	31.9			30.0	37.5	35.5	30.8			30.6	35.8	34.2	27.9			38.0
42.0					25.5					28.4	23.1			27.1	31.4	27.7			26.9	32.0	30.8	26.9			42.0
46.0					22.6	18.4				25.3	22.4				28.0	24.9	19.6		15.7	26.6	27.9	24.3	18.5		46.0
50.0						17.5					20.0	15.3				22.3	19.6				25.0	22.0	18.5		50.0
54.0												15.2					17.6	12.8				19.9	16.9		54.0
58.0												13.6					15.8	12.8				18.1	15.4	10.4	58.0
62.0																		11.8					14.0	10.4	62.0
66.0																								10.2	66.0
70.0																								9.2	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	40.0	40.6				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	36.6	37.3				29.1	33.3	34.2				26.3	29.8	33.0				23.6	26.4					34.0
38.0	28.7	33.3	33.2				26.6	30.6	32.0				24.3	27.2	30.6				21.9	24.8	27.8				38.0
42.0	25.8	30.1	29.8	23.8			24.2	28.1	28.7	22.6			22.2	24.0	27.0				20.3	23.2	27.0				42.0
46.0	23.1	27.2	27.3	23.4			22.1	25.3	26.3	22.4			19.5	21.2	23.9	19.1			16.2	21.6	24.3				46.0
50.0	17.1	23.9	24.9	21.2	15.5		17.6	22.1	23.9	20.2			14.9	18.9	21.1	19.1			11.6	16.8	22.0	15.8			50.0
54.0		14.9	22.4	19.3	15.5		13.9	17.3	21.8	18.4	12.8		11.1	14.9	18.8	17.6			7.9	12.0	20.0	15.8			54.0
58.0			17.3	17.7	14.6			13.5	18.4	16.8	12.8		8.0	11.0	16.3	16.0	10.5		4.7	8.0	14.9	15.0	9.3		58.0
62.0				16.2	13.6	8.4			14.5	15.4	12.8	7.4	5.5	7.8	12.7	14.6	10.5			4.8	10.3	14.0	9.3		62.0
66.0					12.3	8.4				14.1	11.7	7.4		5.1	8.9	13.7	10.5	5.6			6.4	12.8	9.3		66.0
70.0					11.2	8.4				13.2	10.7	7.4				11.9	10.0	5.6				11.7	9.0		70.0
74.0						7.9					9.7	7.4				9.3	9.1	5.6				8.2	8.2		74.0
78.0												6.7					8.3	5.6					7.4		78.0
82.0												6.0					7.5	5.4					6.7		82.0
86.0																		4.8					5.2		86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	24.7				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	23.8				15.9	17.7	19.5				13.0	15.9	17.7				9.7	13.3					42.0
46.0	13.4	19.4	22.7				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	21.1	14.8			5.5	11.4	16.0					8.9	15.9					5.9	10.8				50.0
54.0	5.0	9.4	19.0	14.8				6.5	14.6	12.1					14.6						9.6				54.0
58.0		5.4	13.0	14.2					10.5	12.1					8.5	9.7					6.0	8.7			58.0
62.0			8.1	13.3	7.3				5.6	12.1						9.7						8.7			62.0
66.0				12.1	7.3					11.3	5.2					9.7						8.1			66.0
70.0				11.0	7.3					10.2	5.2					9.3						7.2			70.0
74.0				6.9	7.3					5.2	5.2														74.0
78.0					6.7						5.2														78.0
82.0					6.0						5.2														82.0
86.0					4.9																				86.0
90.0																									90.0
94.0																									94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in [ ] are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	59.8				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	56.2				43.8	48.9	53.2				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	52.1				40.8	45.3	50.4				40.7	45.1	47.7				39.9	44.5					26.0
28.0	37.9	42.0	48.5				38.1	42.1	46.9				38.0	41.9	45.6				37.6	41.4	42.7				28.0
30.0		39.1	45.4	38.0			35.7	39.2	43.8				35.6	39.1	42.6				35.2	38.6	41.5				30.0
34.0			39.1	34.8			30.7	34.2	39.0	31.8			31.4	34.2	37.9				31.1	33.9	36.6				34.0
38.0				31.0					34.4	29.7			27.9	30.3	33.8	27.0			27.8	30.1	32.6	25.7			38.0
42.0				27.8	21.9					27.0	20.6			26.9	30.4	26.1			25.0	26.9	29.3	25.0			42.0
46.0					21.4					24.3	20.3				27.0	23.6	17.4		16.6	24.2	26.9	22.5			46.0
50.0						14.0					18.4					21.5	17.4				24.2	20.4	14.4		50.0
54.0						14.0					16.7	11.5				19.6	16.0	10.5				18.7	14.4		54.0
58.0												11.5					14.6	10.5				17.1	13.7	8.3	58.0
62.0																		10.5					12.8	8.3	62.0
66.0																		9.5					11.5	8.3	66.0
70.0																								7.8	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	38.5				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.7	35.5				26.9	30.8	32.3				24.6	27.9	31.2				22.0	24.7					34.0
38.0	26.7	29.9	31.6				24.6	28.5	30.4				22.7	26.0	29.5				20.5	23.3	26.1				38.0
42.0	24.3	26.7	28.3	21.8			22.5	26.1	27.3				20.9	24.1	26.7				19.1	21.8	25.6				42.0
46.0	21.9	24.0	26.0	21.7			20.6	23.6	25.0	18.2			19.2	21.4	24.1	17.3			16.3	20.3	23.0				46.0
50.0	17.3	21.6	23.7	19.6			17.7	21.2	22.7	18.2			14.9	19.0	21.5	17.3			11.5	17.2	20.8	14.1			50.0
54.0		16.1	21.6	17.8	11.9		13.9	17.7	20.7	16.9	10.8		11.0	15.2	19.1	16.1			7.7	12.2	18.9	14.1			54.0
58.0			19.4	16.3	11.9		8.3	13.6	19.0	15.4	10.8		7.8	11.1	16.8	14.6	8.7		4.5	8.1	15.8	13.6			58.0
62.0				15.0	11.9	6.4			15.1	14.0	10.8		5.2	7.8	13.3	13.7	8.7			4.7	10.8	12.7	6.4		62.0
66.0					11.0	6.4				13.3	10.2	4.5		5.0	9.3	12.5	8.7				6.7	11.6	6.4		66.0
70.0					10.1	6.4				12.2	9.3	4.5			5.9	11.5	8.6					10.6	6.4		70.0
74.0						6.4					8.5	4.5				10.0	7.8					9.3	6.4		74.0
78.0						6.0					7.8	4.5					7.0					5.1	6.1		78.0
82.0																	6.4						5.5		82.0
86.0																							4.9		86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	23.4				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	22.5				15.3	17.2	19.6				13.0	15.1	16.9				9.7	12.0					42.0
46.0	13.4	18.3	21.6				10.0	16.2	17.9				7.1	14.3	16.3					11.0	12.3				46.0
50.0	8.6	14.7	20.0				5.3	11.7	16.3					9.1	15.7					6.1	11.0				50.0
54.0	4.8	9.6	18.1	11.5				6.5	14.8	10.5					14.8						9.8				54.0
58.0		5.4	13.8	11.5					11.3	10.5					9.2	8.2					6.7	7.2			58.0
62.0			8.6	11.5					6.0	10.5						8.2						7.2			62.0
66.0			4.5	10.9	4.6					10.1						8.2						7.2			66.0
70.0				9.9	4.6					9.1						8.2						7.2			70.0
74.0				8.1	4.6					6.3						5.0									74.0
78.0					4.6																				78.0
82.0					4.6																				82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 10 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	49.5				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	45.1				33.2	37.2	45.0				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	41.4				31.0	34.5	41.3				30.8	34.4	41.1				30.5	34.1					28.0
30.0		32.1	38.1				29.0	32.1	38.1				28.9	32.0	37.9				28.5	31.7	37.6				30.0
34.0			32.5	30.7			25.2	27.9	32.7	29.4			25.3	27.9	32.6				25.0	27.6	32.3				34.0
38.0				28.8				24.3	28.4	27.9			22.3	24.6	28.4	24.8			22.1	24.3	28.1				38.0
42.0				26.2	19.4				24.8	25.1				21.7	25.0	24.2			19.6	21.5	24.7	20.8			42.0
46.0					19.2					22.7	16.1				22.0	21.8			16.8	19.1	21.8	20.8			46.0
50.0					17.5	11.6					16.1					19.8	13.4				19.3	18.8	12.3		50.0
54.0						11.6					14.9	9.1				18.2	13.4				17.1	17.1	12.3		54.0
58.0						11.4						9.1					13.2	7.2				15.7	12.3		58.0
62.0												9.1					12.1	7.2					11.2	5.2	62.0
66.0																		7.2					10.2	5.2	66.0
70.0																								5.2	70.0
74.0																								5.2	74.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	31.7				24.3	26.9	30.5				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	27.7				21.5	23.6	27.4				21.0	23.3	25.7				19.2	21.9	24.5				38.0
42.0	19.5	21.3	24.4	19.8			19.1	20.9	24.0				18.8	20.6	23.7				17.8	20.5	24.2				42.0
46.0	17.5	19.0	21.6	19.8			17.1	18.6	21.2	16.4			16.8	18.3	20.9				16.5	19.1	21.7				46.0
50.0	15.7	17.0	19.2	18.0			15.3	16.7	18.9	16.4			15.0	16.3	18.5	13.6			11.5	17.8	19.6	12.4			50.0
54.0		15.2	17.2	16.3	9.9		13.8	14.9	16.9	15.4			11.0	14.6	16.5	13.6			7.5	12.5	17.7	12.4			54.0
58.0			15.4	14.9	9.9		8.9	13.4	15.1	14.0	7.7		7.7	11.3	14.8	13.6				8.2	16.1	12.4			58.0
62.0				14.0	9.9				13.6	13.1	7.7		5.0	7.8	13.3	12.4	5.8			4.7	11.5	11.4	4.6		62.0
66.0				12.9	9.5					12.0	7.7			4.9	9.7	11.3	5.8				7.1	10.3	4.6		66.0
70.0					8.7					11.0	7.7				6.2	10.3	5.8					9.4	4.6		70.0
74.0					7.9						7.1					9.5	5.8					8.5	4.6		74.0
78.0											6.4					7.5	5.7					6.1	4.6		78.0
82.0																	5.1								82.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	20.5				14.4	16.3	18.6				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	20.4				10.0	15.4	17.9				7.0	12.4	15.0					9.8	12.0				46.0
50.0	8.6	15.3	18.8				5.1	12.1	16.5					9.5	14.3					6.4	11.4				50.0
54.0	4.6	9.8	17.0	9.9				6.7	15.0						13.5						10.7				54.0
58.0		5.5	14.9	9.9					12.3	7.6					10.2	6.7					7.7				58.0
62.0			9.3	9.9					6.6	7.6					4.4	6.7						4.6			62.0
66.0			4.9	9.6						7.6						6.7						4.6			66.0
70.0				8.7						7.6						6.7						4.6			70.0
74.0				7.8						7.1						6.4									74.0
78.0				4.7																					78.0
82.0																									82.0
86.0																									86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		120.0																							14.0
15.0		118.5					105.8	110.5					92.7												15.0
16.0		114.3					102.4	106.8					89.9						78.2						16.0
17.0	102.9	110.4	118.2				99.2	103.4					87.2	90.7					76.1						17.0
18.0	94.8	105.6	114.0				94.9	100.1					84.6	88.0					74.0						18.0
19.0	87.8	97.0	108.9				87.8	97.0	103.2				82.1	85.4					71.9	74.6					19.0
20.0	81.7	89.7	102.5				81.7	89.8	99.9				79.8	82.9					69.5	72.5					20.0
22.0	70.0	77.8	89.3	89.1			71.6	77.9	89.3				72.2	78.2	82.7				65.1	68.0					22.0
24.0	56.1	66.7	77.5	80.5			63.7	68.6	77.5	79.6			64.1	69.2	78.1				61.0	63.6	67.8				24.0
26.0	44.2	53.2	68.4	73.3			57.2	61.2	68.4	72.4			57.6	61.7	68.9				56.8	59.6	63.5				26.0
28.0		41.3	55.1	67.2	65.3		50.6	55.2	61.0	66.4			52.2	55.6	61.5	66.3			51.8	54.9	59.4				28.0
30.0			42.6	62.0	60.2		41.7	48.8	55.0	61.2	59.4		47.6	50.5	55.4	61.1			47.6	50.2	54.8	60.9			30.0
34.0					52.0	50.5		31.6	41.5	52.8	51.3		38.1	42.5	46.0	52.7	51.1		40.4	42.5	46.1	52.4			34.0
38.0						44.3				41.0	44.9	43.5	26.3	31.0	38.6	44.5	44.7	43.3	34.5	36.5	39.2	44.5	44.4		38.0
42.0											39.9	38.6			26.1	38.1	39.7	38.4	25.5	29.2	34.0	38.0	39.4	38.0	42.0
46.0																	35.6	34.4		16.3	25.9	33.1	35.2	34.0	46.0
50.0																		31.1				26.1	31.8	30.7	50.0
54.0																							25.9	27.9	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	54.8				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	51.4				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	48.2				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	42.6	47.0			32.9	34.2	36.3	40.2			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	36.7	41.4			29.2	30.4	32.2	35.4			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	31.9	35.6	39.2		26.1	27.0	28.6	31.4	34.5		21.9	22.7	24.1	26.6			21.0	23.9	27.4	30.2			42.0
46.0	24.0	26.5	28.1	31.1	34.5	33.8	23.0	24.2	25.5	27.9	30.6		19.5	20.2	21.4	23.5	25.9		17.4	19.9	24.1	26.7			46.0
50.0	11.9	19.0	24.7	27.4	30.2	30.5	18.9	20.5	22.5	25.0	27.3	29.8	16.3	18.0	19.1	20.9	22.9		13.3	16.4	20.1	23.9	26.1		50.0
54.0				24.4	26.7	27.7	13.4	16.6	18.4	21.6	24.4	26.5	12.9	14.7	16.3	18.6	20.4	22.3	9.9	12.4	16.7	21.7	23.4		54.0
58.0					23.6	25.3			14.9	17.7	20.7	23.8	10.2	11.8	13.2	15.6	18.2	19.8	7.0	9.0	12.8	18.9	21.2	22.8	58.0
62.0						22.5				14.2	16.9	19.7	4.6	9.2	10.4	12.6	14.9	17.4	4.7	6.3	9.2	15.5	19.4	20.8	62.0
66.0											13.6	16.0				9.9	12.0	14.2			6.3	11.7	16.9	19.0	66.0
70.0																	9.4	11.3				8.0	13.4	17.4	70.0
74.0																		8.8				4.9	10.0	14.3	74.0
78.0																								10.9	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	26.6			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	20.3			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	18.2				8.4	13.3	14.2				6.3	11.5	13.2					8.3			58.0
62.0			7.1	12.3	16.4	17.7			4.6	12.2	13.0	13.9				8.5	12.2					7.4	8.1		62.0
66.0				9.6	13.7	16.0				9.0	12.0	12.8				5.9	10.5	12.0				6.1	7.2		66.0
70.0				6.7	10.6	14.5				4.8	11.1	11.8					7.6	11.1					6.4	7.0	70.0
74.0					8.0	11.8					9.1	10.9					5.1	9.4					5.6	6.3	74.0
78.0					5.6	8.9					4.6	10.1						6.6						5.6	78.0
82.0						6.3						7.8												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	118.6	120.0					110.0																		14.0
15.0	114.3	120.0					106.4						93.1												15.0
16.0	110.5	116.4					102.9	108.2					90.3						78.5						16.0
17.0	103.9	112.4	120.0				99.7	104.6					87.6	91.7					76.3						17.0
18.0	95.5	108.6	114.6				96.3	101.3					85.0	88.9					74.2						18.0
19.0	88.4	99.6	107.5				89.1	98.1	105.5				82.5	86.3					72.2	75.3					19.0
20.0	82.2	91.9	101.1				82.8	92.6	100.6				80.1	83.7					69.9	73.2					20.0
22.0	72.0	79.4	90.4				72.5	80.0	89.9				73.1	79.0	84.4				65.4	68.8					22.0
24.0	58.2	69.8	80.8	78.9			64.3	70.3	81.1				64.8	70.8	79.5				61.2	64.3	69.3				24.0
26.0	45.9	56.5	70.9	71.8			57.7	62.5	71.3	71.2			58.1	63.0	71.9				57.2	60.2	64.9				26.0
28.0		44.2	60.7	65.8	63.5		52.3	56.2	63.4	65.3			52.6	56.6	63.9	65.1			52.2	55.9	60.7				28.0
30.0			47.7	60.7	58.6		44.8	51.1	57.0	60.2			47.9	51.3	57.3	60.0			47.9	51.1	56.5				30.0
34.0				49.2	50.5	48.7		35.0	47.2	51.9	49.9		40.6	43.1	47.4	51.7	49.7		40.6	43.1	47.4	51.5			34.0
38.0					44.2	42.7				45.5	43.7	42.1	28.3	34.0	40.2	45.3	43.5		35.0	36.9	40.2	45.1	43.2		38.0
42.0						37.8					38.8	37.3			29.9	39.8	38.6	37.0	27.4	31.9	34.7	39.8	38.3		42.0
46.0												33.4				31.4	34.6	33.1		17.2	29.1	34.4	34.2	32.8	46.0
50.0																	31.2	29.9				30.2	30.9	29.5	50.0
54.0																							28.1	26.8	54.0
58.0																								24.5	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	56.0				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	52.5				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	49.2				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	43.4	48.8			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	37.6	43.1			29.3	30.6	32.8	36.7			24.7	25.9	27.8	31.2			26.9	29.5	31.2				38.0
42.0	28.8	30.3	32.6	37.2	38.1		26.1	27.3	29.1	32.5			21.9	22.9	24.6	27.5			22.3	25.8	27.9	31.0			42.0
46.0	25.5	26.7	28.6	32.3	34.1		22.7	24.4	25.9	28.8	32.1		19.5	20.4	21.8	24.3	27.2		17.1	21.4	24.9	27.7			46.0
50.0	13.8	21.5	25.4	28.4	30.7	29.3	18.6	20.8	23.3	25.7	28.5		15.9	18.2	19.4	21.6	24.1		12.9	16.3	22.0	24.7	27.4		50.0
54.0			18.4	25.2	27.9	26.6	14.9	16.9	19.0	23.0	25.5	26.3	12.5	14.9	16.8	19.2	21.4	23.8	9.4	12.2	17.4	22.3	24.5		54.0
58.0				21.2	24.9	24.3		9.4	15.4	18.8	22.5	24.0	9.7	11.6	13.6	16.6	19.0	21.1	6.5	8.7	12.9	20.3	22.1	22.9	58.0
62.0					21.0	22.3				15.2	18.4	22.0	5.9	8.8	10.9	13.4	16.3	18.8		5.9	9.2	17.3	20.1	20.9	62.0
66.0											14.9	18.0			8.4	10.7	13.2	15.9			6.1	12.4	18.5	19.1	66.0
70.0												14.5				8.3	10.4	12.8				8.5	16.5	17.5	70.0
74.0																		10.1				5.1	11.3	16.2	74.0
78.0																							7.0	14.1	78.0
82.0																								9.1	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	24.7			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	21.9			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	19.5	21.6			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	17.5	19.3				8.5	13.6	14.7				6.5	13.6	14.7					8.6			58.0
62.0			7.1	14.8	17.3	19.1			4.6	12.5	13.5					11.2	13.5					7.6	8.5		62.0
66.0				11.3	15.6	17.1				9.8	12.4	12.8				8.1	12.2					6.8	7.6		66.0
70.0				7.1	13.8	15.4				5.4	11.4	11.8					10.7	11.6					6.7		70.0
74.0					10.4	14.0					10.5	10.8					7.5	10.7					6.0	6.7	74.0
78.0					6.7	12.0					5.8	10.0					4.8	9.6						5.9	78.0
82.0						8.7						9.3						6.7						5.3	82.0
86.0						5.4						5.5												4.7	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	120.0																								13.0
14.0	119.4	120.0					110.6																		14.0
15.0	115.1	120.0					106.9						93.6												15.0
16.0	111.1	118.1					103.4	109.5					90.7												16.0
17.0	105.7	113.9					100.2	105.9					88.0						76.6						17.0
18.0	97.0	110.1	113.5				97.0	102.5					85.3	89.9					74.5						18.0
19.0	89.7	103.1	106.5				90.4	99.2					82.8	87.2					72.4						19.0
20.0	83.3	94.8	100.2				83.9	95.6	99.6				80.4	84.6					70.2	73.9					20.0
22.0	72.8	81.6	89.5				73.3	82.2	89.0				73.9	79.8	86.1				65.7	69.6					22.0
24.0	60.0	71.5	80.8	77.5			64.9	72.0	80.3				65.5	72.6	80.3				61.5	65.1	70.9				24.0
26.0	47.5	59.8	73.6	70.6			58.2	63.9	73.1				58.6	64.4	73.0				57.6	60.9	66.3				26.0
28.0		47.1	65.6	64.7			52.6	57.3	66.0	64.1			53.0	57.7	66.5				52.6	56.9	62.1				28.0
30.0			52.7	59.6	57.1		46.3	51.9	59.0	59.1			48.3	52.2	59.5	58.9			48.2	51.9	58.1				30.0
34.0				51.4	49.2			37.6	48.6	50.9	48.6		40.8	43.7	48.9	50.7			40.8	43.8	48.8	50.5			34.0
38.0					43.1	41.2			32.5	44.6	42.5		30.0	36.8	41.3	44.4	42.3		35.2	37.4	41.3	44.2			38.0
42.0						36.5				36.4	37.7	35.9			33.6	39.4	37.5		29.0	32.5	35.5	39.1	37.2		42.0
46.0											33.8	32.1				35.3	33.5	31.9		23.0	31.1	35.0	33.2	31.5	46.0
50.0												29.0					30.3	28.7				31.3	29.9	28.4	50.0
54.0																		26.1					27.2	25.7	54.0
58.0																								23.5	58.0
62.0																								21.5	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	57.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	49.4	53.6				39.9	42.1	45.7				33.9	35.7					32.6	35.0					28.0
30.0	43.9	46.3	50.3				37.4	39.5	42.9				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	40.8	44.3	50.4			33.1	34.9	37.8				28.0	29.6	32.1				29.8	32.4	34.8				34.0
38.0	33.0	35.1	38.5	44.1			29.4	30.9	33.4	38.1			24.8	26.1	28.3				27.7	29.8	31.6				38.0
42.0	28.9	30.6	33.3	38.9	37.0		26.2	27.5	29.6	33.6			22.0	23.1	25.0	28.5			22.1	26.4	28.5	31.8			42.0
46.0	25.3	27.0	29.2	33.6	33.0		22.5	24.6	26.4	29.8	32.8		19.5	20.5	22.2	25.2			16.8	21.6	25.3	28.7			46.0
50.0	15.3	23.3	25.8	29.4	29.8	28.2	18.3	21.2	23.6	26.6	29.5		15.6	18.3	19.7	22.3	25.3		12.5	16.3	22.8	25.5			50.0
54.0			22.0	26.0	27.0	25.5	14.9	17.1	19.7	23.8	26.7	25.2	12.1	14.8	17.4	19.8	22.4		9.0	12.0	17.8	22.9	25.6		54.0
58.0				22.7	24.6	23.2		11.5	16.0	19.9	23.9	23.0	9.3	11.3	14.1	17.6	19.9	22.5	6.1	8.5	13.1	20.8	23.0		58.0
62.0					22.6	21.3				16.2	20.1	21.0	7.0	8.5	11.3	14.3	17.7	20.0		5.6	9.2	18.5	20.9	19.7	62.0
66.0						19.6					16.3	19.3			8.5	11.4	14.4	17.7			6.0	13.3	19.1	18.2	66.0
70.0												16.3				8.9	11.5	14.4				9.0	17.6	16.7	70.0
74.0																	9.0	11.6				5.5	12.9	15.3	74.0
78.0																		9.0					8.2	14.1	78.0
82.0																								11.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	25.6			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	23.0			6.7	11.1	15.1	16.7				8.7	15.1	16.5				5.8	11.1				50.0
54.0	6.2	9.6	16.0	20.4	23.1			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	18.3	20.5				8.7	13.9	15.3				6.7	14.0						8.9			58.0
62.0			7.1	16.5	18.3				4.6	12.8	14.0					12.9	13.1					7.9			62.0
66.0				12.2	16.5	17.3				10.8	12.8					9.7	12.1					7.0	8.0		66.0
70.0				7.8	14.9	16.2				6.0	11.8	12.4				4.6	11.1	12.1					7.1		70.0
74.0					12.9	14.8					10.9	11.4					10.3	11.2					6.3	7.1	74.0
78.0					7.9	13.5					7.2	10.5					6.8	10.3					5.6	6.4	78.0
82.0						12.0						9.7						9.3						5.6	82.0
86.0						7.4						7.8						6.6						5.0	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	119.9																								13.0
14.0	119.9						106.7																		14.0
15.0	114.5	119.9					104.0						89.0												15.0
16.0	108.3	119.9					101.1						87.3												16.0
17.0	102.8	113.7					98.1	107.2					85.4						73.1						17.0
18.0	97.7	107.7					95.1	103.7					83.3	90.9					71.9						18.0
19.0	91.0	102.1	105.3				91.7	100.4					81.3	88.1					70.6						19.0
20.0	84.4	97.1	99.1				85.1	97.0					79.1	85.5					69.1	74.6					20.0
22.0	73.6	83.9	88.6				74.1	84.6	88.0				74.9	80.6					66.0	70.4					22.0
24.0	61.8	73.3	79.9				65.6	73.8	79.4				66.7	75.1	79.8				61.8	65.8					24.0
26.0	49.0	63.1	72.7	69.2			58.7	65.3	72.2				59.7	66.4	72.6				57.9	61.6	67.8				26.0
28.0	36.9	49.9	66.7	63.4			53.0	58.5	66.2	62.8			53.9	59.4	66.5				52.9	57.7	63.4				28.0
30.0		37.5	57.8	58.4			47.6	52.8	61.0	57.8			49.0	53.7	61.3				48.5	52.8	59.4				30.0
34.0				50.3	47.8			39.6	50.1	49.8			41.4	44.8	50.8	50.0			41.3	44.5	50.2	49.8			34.0
38.0					41.8	39.6			36.3	43.6	41.2		31.7	38.3	42.7	43.7	41.3		35.7	38.3	42.6	43.5			38.0
42.0					37.0	35.0				38.6	36.5	34.4			36.7	38.8	36.5		30.4	33.2	36.7	38.5	36.3		42.0
46.0						31.3					32.6	30.7				34.7	32.7	30.7		25.2	32.0	34.5	32.4		46.0
50.0												27.7					29.5	27.7			23.7	31.1	29.2	27.3	50.0
54.0																		25.1				28.2	26.5	24.8	54.0
58.0																		22.9					24.1	22.6	58.0
62.0																								20.7	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	60.5					48.4						41.0												22.0
24.0	53.3	56.8					45.5	48.3					38.5						32.7						24.0
26.0	50.0	53.2					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	49.9	54.7				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	46.8	51.3				37.6	39.9	43.8				31.9	33.9					30.2	32.7					30.0
34.0	38.4	41.3	45.2				33.2	35.2	38.6				28.1	29.9	32.7				28.3	31.1	34.2				34.0
38.0	33.2	35.5	39.5	43.1			29.4	31.2	34.0	39.5			24.9	26.4	28.8				26.4	29.3	32.1				38.0
42.0	29.0	30.9	34.1	38.1			26.2	27.7	30.1	34.8			22.0	23.3	25.5	29.5			21.9	26.7	29.1				42.0
46.0	25.2	27.2	29.8	34.0	31.9		22.3	24.7	26.8	30.8			19.6	20.7	22.6	26.1			16.6	21.7	25.8	29.8			46.0
50.0	16.4	23.8	26.3	30.5	28.7		18.0	21.3	24.0	27.4	28.5		15.4	18.4	20.0	23.1	26.6		12.2	16.3	23.2	26.4			50.0
54.0			23.2	26.9	26.0	24.3	14.5	17.0	20.4	24.5	25.8		11.8	14.7	17.8	20.5	23.5		8.7	11.9	18.4	23.6	24.6		54.0
58.0				24.0	23.7	22.1		13.2	16.5	21.2	23.5	21.8	8.9	11.2	14.6	18.2	20.9		5.7	8.3	13.4	21.4	22.4		58.0
62.0					21.7	20.2				17.2	21.5	19.9	6.6	8.3	11.7	15.2	18.6	19.3		5.3	9.4	19.5	20.4	18.4	62.0
66.0						18.6				13.8	17.8	18.3			8.5	12.2	15.8	18.1			6.0	14.3	18.7	17.1	66.0
70.0						17.2					14.3	16.8				9.6	12.7	16.2				9.7	17.1	15.6	70.0
74.0												14.8					10.0	13.1				6.0	14.7	14.2	74.0
78.0																		10.4					9.6	13.0	78.0
82.0																							5.3	11.9	82.0
86.0																								8.5	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	28.2				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.8				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	23.6	26.3			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	21.0	24.1			6.3	11.1	15.3	17.1				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	21.4				6.5	14.0	15.6					12.5	15.5					10.0	10.3			54.0
58.0		5.8	11.4	19.1	21.4				9.0	14.3					7.0	14.3					4.5	9.2			58.0
62.0			7.3	17.2	19.4				4.7	13.1	14.5					13.2	14.5					8.2			62.0
66.0				13.3	17.4	16.0				11.9	13.3					10.9	13.3					7.3	8.4		66.0
70.0				8.5	15.7	15.5				6.9	12.2	13.0				5.5	12.3						7.5		70.0
74.0				4.6	14.3	14.1					11.2	11.9					11.0	11.4					6.6		74.0
78.0					9.5	12.9					8.8	11.0					8.6	10.8					5.9	6.8	78.0
82.0					5.0	11.8						10.1						10.0						6.0	82.0
86.0						9.8						9.4						9.0						5.4	86.0
90.0						4.7						4.9						5.4						4.8	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	112.3						97.8																		14.0
15.0	106.3						95.3						82.2												15.0
16.0	100.9	112.9					92.8						80.7												16.0
17.0	95.9	106.9					90.2	100.9					78.9						68.0						17.0
18.0	91.4	101.4					87.4	98.6					77.1						66.8						18.0
19.0	87.2	96.4					84.7	95.9					75.2	83.5					65.6						19.0
20.0	83.4	91.8	97.6				82.0	91.3					73.2	81.9					64.3	70.4					20.0
22.0	74.5	83.7	87.5				75.6	83.2	86.7				69.3	78.3					61.6	68.3					22.0
24.0	63.5	75.2	79.0				66.8	76.3	78.9				65.4	74.5	77.8				58.6	65.7					24.0
26.0	50.4	66.4	71.9				59.7	67.3	71.7				60.2	68.0	71.8				55.7	62.3	69.3				26.0
28.0	38.4	52.7	65.8	62.1			53.9	60.1	65.7				54.3	60.7	65.7				52.9	58.4	64.8				28.0
30.0		40.3	60.7	57.2			48.8	54.2	60.6	56.9			49.4	54.7	60.5				48.8	53.7	60.5				30.0
34.0				49.3	46.3		30.9	41.7	52.1	49.0			41.6	45.5	52.2	48.9			41.5	45.2	51.8	48.7			34.0
38.0				43.1	40.4				39.9	42.9	40.1		32.5	38.8	43.9	42.8			35.9	38.7	43.7	42.5			38.0
42.0					35.8	33.5				38.0	35.5			25.0	37.6	37.9	35.3		30.6	33.6	37.6	37.6			42.0
46.0						29.9					31.7	29.5				33.9	31.5			26.9	32.7	33.6	31.3		46.0
50.0												26.6				30.5	28.4	26.4			27.2	30.3	28.1		50.0
54.0												24.1					25.8	23.9				27.5	25.5	23.5	54.0
58.0																		21.8					23.2	21.4	58.0
62.0																								19.6	62.0
66.0																								18.0	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	59.1					47.0						40.4												22.0
24.0	52.2	57.4					45.6	48.8					38.7						31.1						24.0
26.0	50.0	53.8					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	50.4	55.9				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	47.3	52.4				37.7	40.4	44.7				32.0	34.2					28.7	31.3					30.0
34.0	38.6	41.8	46.1				33.3	35.6	39.3				28.2	30.2	33.4				27.0	29.8	33.0				34.0
38.0	33.3	36.0	40.6	42.5			29.5	31.5	34.7				24.9	26.6	29.4				25.2	28.1	31.8				38.0
42.0	29.1	31.2	34.9	37.6			26.3	27.9	30.7	36.1			22.1	23.6	26.0	30.6			21.8	26.4	29.7				42.0
46.0	25.1	27.5	30.4	33.6	31.1		22.2	24.9	27.3	31.9			19.5	20.9	23.0	27.0			16.4	22.0	26.3	30.6			46.0
50.0	17.3	23.9	26.8	30.2	28.0		17.8	21.4	24.4	28.3	27.4		15.1	18.6	20.4	23.9			12.0	16.4	23.6	27.3			50.0
54.0			23.8	27.4	25.4	23.4	14.3	17.1	21.1	25.3	24.8		11.5	14.7	18.1	21.2	24.0		8.4	11.9	19.0	24.4			54.0
58.0				24.7	23.1	21.2		13.5	17.1	22.5	22.5	20.5	8.6	11.1	15.2	18.8	21.9		5.3	8.2	13.8	22.0	20.7		58.0
62.0				20.9	21.1	19.4			13.7	18.3	20.6	18.8	6.2	8.0	12.0	16.2	19.5	17.8		5.1	9.6	20.0	19.5		62.0
66.0					19.4	17.8				14.8	18.9	17.2			8.5	13.1	17.2	17.1			6.1	15.5	17.8	15.1	66.0
70.0						16.4					15.7	15.8				10.4	13.9	15.6				10.6	16.3	14.4	70.0
74.0												14.5					11.1	14.3				6.6	14.9	13.1	74.0
78.0												13.3					8.6	11.8					11.3	11.9	78.0
82.0																		9.2					6.6	10.9	82.0
86.0																								10.0	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	27.1				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	26.0				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	24.1				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	21.7	24.7			6.0	11.1	15.6	17.6				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	22.5				6.5	14.2	16.0					13.1	15.9					10.2				54.0
58.0		5.6	11.8	20.0	19.7				9.4	14.6					7.4	14.6					4.9	9.5			58.0
62.0			7.5	17.9	19.6				4.9	13.4	15.0					13.5						8.5			62.0
66.0				14.6	17.8					12.3	13.7					12.4	13.0					7.6			66.0
70.0				9.4	16.3	12.9				7.8	12.6					6.6	12.0					4.9	7.9		70.0
74.0				5.2	14.9	12.9					11.6	10.7					11.0						7.0		74.0
78.0					11.3	11.8					10.7	10.7					10.2	8.8					6.2	7.2	78.0
82.0					6.3	10.8					5.5	10.1					5.0	8.8						6.4	82.0
86.0						9.8						9.2						8.7						5.7	86.0
90.0						6.9						7.4						7.8						5.1	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	83.1	95.3					73.9	83.1					64.9						56.7						17.0
18.0	80.2	92.5					71.7	81.2					63.3						55.6						18.0
19.0	77.3	89.4					69.5	79.3					61.8	69.1					54.5						19.0
20.0	74.4	85.3	93.7				67.3	77.2					60.1	67.7					53.3						20.0
22.0	69.0	78.0	86.0				63.1	72.8	83.3				56.8	64.8					50.9	57.0					22.0
24.0	63.8	71.8	78.4				58.8	68.4	77.3				53.6	61.6	72.1				48.5	54.9					24.0
26.0	51.9	66.4	71.3				54.9	64.1	71.2				50.5	58.4	69.6				46.0	52.5	60.8				26.0
28.0	39.9	55.6	65.3	61.0			51.1	60.0	65.2				47.4	55.1	65.3				43.6	50.1	59.0				28.0
30.0		43.2	60.2	56.2			47.7	55.7	60.1				44.6	52.0	60.2				41.3	47.6	56.9				30.0
34.0			41.8	48.4			30.3	43.8	51.8	48.1			39.3	46.0	51.8	48.1			36.9	42.8	51.8				34.0
38.0				42.3	39.3				43.5	42.1	38.9		30.2	39.7	45.4	42.0			32.9	38.3	44.9	41.8			38.0
42.0					34.7					37.3	34.4			25.8	39.0	37.2	34.3		28.0	34.0	38.5	37.1			42.0
46.0						28.6				33.3	30.7	28.3			27.0	33.3	30.6		14.8	26.1	33.5	33.1	30.4		46.0
50.0						25.7					27.7	25.4				30.0	27.6	25.2			28.3	29.8	27.3		50.0
54.0												23.0					25.0	22.8				27.0	24.7	22.5	54.0
58.0																		20.8					22.5	20.5	58.0
62.0																		19.0					20.6	18.7	62.0
66.0																								17.1	66.0
Reeves	8						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	44.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	43.0	50.1				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	39.3	46.8				31.3	35.6	40.2				28.0	30.5	34.1				25.2	28.0					34.0
38.0	30.8	35.7	41.5	40.6			28.6	31.8	35.4				25.0	26.9	30.0				23.5	26.4	30.1				38.0
42.0	27.7	31.6	35.8	36.6			26.0	28.2	31.3	35.1			22.1	23.8	26.5				21.8	24.7	28.7				42.0
46.0	24.5	27.7	31.1	32.7			22.1	25.1	27.8	32.6			19.4	21.1	23.4	28.0			16.3	22.3	26.8	29.2			46.0
50.0	16.8	24.2	27.3	29.4	26.7		17.7	21.7	24.8	29.3	25.5		15.0	18.7	20.8	24.7			11.8	16.6	24.0	28.3			50.0
54.0		13.5	24.2	26.6	24.3		14.1	17.1	21.8	26.1	24.1		11.3	14.8	18.4	21.9	22.1		8.1	11.9	19.8	25.2			54.0
58.0				24.3	22.1	19.6		13.4	17.7	23.3	21.9		8.3	11.0	15.7	19.4	21.5		5.0	8.1	14.3	22.6	18.9		58.0
62.0				22.2	20.2	18.2			14.0	19.5	20.0	16.8	5.8	7.9	12.3	17.2	19.6			4.9	9.9	20.5	18.9		62.0
66.0					18.5	16.6				15.7	18.3	16.3			8.7	14.0	17.9	14.4			6.2	17.0	17.3		66.0
70.0						15.2					16.9	14.9				11.1	15.3	14.3				11.6	15.8	12.0	70.0
74.0						13.9					13.8	13.6				8.6	12.3	13.1				7.3	14.4	12.0	74.0
78.0												12.5					9.6	12.0					13.2	11.2	78.0
82.0																		10.6					8.1	10.2	82.0
86.0																		8.2						9.3	86.0
90.0																								8.3	90.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	26.0				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	25.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	23.8				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	22.4	25.3			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	18.0	23.3				6.4	14.4	16.5					13.9	16.3					9.4				54.0
58.0		5.5	12.3	21.0					9.9	15.0					7.9	15.0					5.4	9.9			58.0
62.0			7.8	18.8	16.2				5.2	13.7	15.2					13.8						8.8			62.0
66.0				16.2	16.2					12.6	14.2					12.7	12.8					7.9			66.0
70.0				10.5	15.3	11.1				9.0	13.0					7.8	12.8					6.2	8.3		70.0
74.0				6.0	13.9	11.1					12.0	9.0					12.1						7.4		74.0
78.0					12.7	10.7					11.0	9.0					11.2	7.1					6.5		78.0
82.0					7.9	9.7					7.2	9.0					7.0	7.1					5.8	5.3	82.0
86.0						8.8						8.1						7.1						5.3	86.0
90.0						7.9						7.3						6.8						5.3	90.0
94.0																		5.1							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	81.0					68.3						59.2						52.0						17.0
18.0	68.3	77.2					66.3	75.2					57.8						51.1						18.0
19.0	65.5	73.7					64.3	73.5					56.3						50.1						19.0
20.0	62.9	70.4					62.4	70.4					55.0	62.0					49.1						20.0
22.0	58.0	64.6	77.2				58.1	64.6					52.1	59.4					46.9	52.6					22.0
24.0	53.9	59.6	70.3				54.0	59.6	70.3				49.1	56.5					44.6	50.7					24.0
26.0	50.2	55.2	64.5				50.3	55.3	64.5				46.4	53.7	63.9				42.4	48.6					26.0
28.0	41.3	51.4	59.4				47.1	51.5	59.5				43.7	50.9	59.1				40.3	46.4	54.7				28.0
30.0		45.9	55.0	55.2			44.2	48.1	55.1				41.2	47.9	54.8				38.1	44.2	52.9				30.0
34.0			46.7	47.5			31.1	42.1	47.7	47.3			36.5	42.2	47.6	46.1			34.2	39.8	47.4				34.0
38.0				41.5	38.1				41.8	41.4			30.0	37.5	42.0	40.9			30.6	35.8	41.7	39.6			38.0
42.0					33.7					36.6	33.4			27.1	37.3	36.2			26.9	32.0	37.1	36.1			42.0
46.0					30.0	27.3				32.7	29.8				30.5	32.3	29.4		15.7	26.6	33.3	32.2	28.3		46.0
50.0						24.6					26.8	24.2				29.1	26.4				29.9	29.0	26.2		50.0
54.0												21.9					23.9	21.4				26.2	23.7		54.0
58.0												19.9					21.8	19.4				23.9	21.5	18.4	58.0
62.0																		17.7					19.7	17.3	62.0
66.0																								15.8	66.0
70.0																								14.4	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	40.0	46.6				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	36.6	43.9				29.1	33.3	38.9				26.3	29.8	34.1				23.6	26.4					34.0
38.0	28.7	33.3	40.6				26.6	30.6	36.1				24.3	27.2	30.6				21.9	24.8	28.5				38.0
42.0	25.8	30.1	36.6	34.3			24.2	28.1	31.9	33.0			22.2	24.0	27.0				20.3	23.2	27.2				42.0
46.0	23.1	27.2	31.8	32.2			22.1	25.3	28.3	31.7			19.5	21.2	23.9	28.7			16.2	21.6	25.8				46.0
50.0	17.1	23.9	27.8	29.0	24.6		17.6	22.1	25.2	28.4			14.9	18.9	21.1	25.6			11.6	16.8	24.2	24.6			50.0
54.0		14.9	24.7	26.2	23.6		13.9	17.3	22.6	25.7	21.2		11.1	14.9	18.8	22.6			7.9	12.0	20.8	24.6			54.0
58.0			17.3	23.9	21.5			13.5	18.4	23.4	20.9		8.0	11.0	16.3	20.1	18.3		4.7	8.0	14.9	22.6	17.1		58.0
62.0				21.9	19.6	15.9			14.5	20.7	19.0	14.8	5.5	7.8	12.7	17.9	18.3			4.8	10.3	20.5	17.1		62.0
66.0					18.0	15.6				16.8	17.4	14.8		5.1	8.9	14.9	16.9	12.5			6.4	18.8	16.3		66.0
70.0					16.5	14.3				13.4	16.0	13.6				11.9	15.4	12.5				12.9	14.8	10.2	70.0
74.0						13.1					14.7	12.4				9.3	13.5	11.9				8.2	13.4	10.2	74.0
78.0												11.3					10.7	10.8					12.3	10.0	78.0
82.0												10.4					8.2	9.9					9.9	9.1	82.0
86.0																		9.0					5.2	8.2	86.0
90.0																								7.4	90.0
94.0																								5.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	24.7				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	23.8				15.9	17.7	19.5				13.0	15.9	17.7				9.7	13.3					42.0
46.0	13.4	19.4	22.7				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	21.6	23.6			5.5	11.4	16.0					8.9	15.9					5.9	10.8				50.0
54.0	5.0	9.4	19.0	23.6				6.5	14.6	16.9					14.6						9.6				54.0
58.0		5.4	13.0	21.8					10.5	15.4					8.5	15.3					6.0	10.3			58.0
62.0			8.1	19.7	14.5				5.6	14.1						14.1						9.1			62.0
66.0				17.7	14.5					12.9	12.1					13.0						8.1			66.0
70.0				11.9	14.2					10.4	12.1					9.3	9.9					7.2	8.7		70.0
74.0				6.9	12.9	8.3				5.2	12.1						9.9						7.7		74.0
78.0					11.7	8.3					11.1	6.4					9.9						6.9		78.0
82.0					9.9	8.3					9.4	6.4					9.4	4.7					6.1		82.0
86.0					4.9	7.7						6.4						4.7							86.0
90.0						6.9						6.3						4.7							90.0
94.0						6.2						5.6													94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	64.8				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	58.9				43.8	48.9	58.8				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	53.8				40.8	45.3	53.7				40.7	45.1	53.6				39.9	44.5					26.0
28.0	37.9	42.0	49.5				38.1	42.1	49.4				38.0	41.9	49.3				37.6	41.4	48.6				28.0
30.0		39.1	45.7	52.6			35.7	39.2	45.7				35.6	39.1	45.5				35.2	38.6	44.9				30.0
34.0			39.1	46.6			30.7	34.2	39.4	44.8			31.4	34.2	39.3				31.1	33.9	38.9				34.0
38.0				40.7					34.4	40.2			27.9	30.3	34.4	38.7			27.8	30.1	34.1	37.3			38.0
42.0				36.0	32.6					35.5	31.4			26.9	30.4	35.5			25.0	26.9	30.2	35.0			42.0
46.0					29.0					31.7	28.5				27.0	31.7	27.2		16.6	24.2	27.0	31.2			46.0
50.0						23.3					25.6					28.6	25.5				24.2	28.0	23.5		50.0
54.0						21.0					23.1	20.1				25.9	23.1	19.1				25.4	22.5		54.0
58.0												18.4					21.0	18.2				23.1	20.4	16.2	58.0
62.0																		16.5					18.6	15.8	62.0
66.0																		15.0					17.1	14.3	66.0
70.0																								13.1	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	43.3				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.7	38.6				26.9	30.8	36.1				24.6	27.9	31.9				22.0	24.7					34.0
38.0	26.7	29.9	33.9				24.6	28.5	33.5				22.7	26.0	30.6				20.5	23.3	26.9				38.0
42.0	24.3	26.7	30.0	32.2			22.5	26.1	29.6				20.9	24.1	27.5				19.1	21.8	25.7				42.0
46.0	21.9	24.0	26.8	31.0			20.6	23.6	26.4	27.8			19.2	21.4	24.3	26.8			16.3	20.3	24.4				46.0
50.0	17.3	21.6	24.0	28.1			17.7	21.2	23.7	27.5			14.9	19.0	21.5	26.5			11.5	17.2	22.9	22.9			50.0
54.0		16.1	21.6	25.4	20.3		13.9	17.7	21.3	24.9	19.2		11.0	15.2	19.1	23.4			7.7	12.2	21.3	22.9			54.0
58.0			19.4	23.1	20.3		8.3	13.6	19.0	22.6	19.2		7.8	11.1	16.8	20.8	16.4		4.5	8.1	15.8	21.3			58.0
62.0				20.9	18.6	13.8			15.1	20.5	17.9		5.2	7.8	13.3	18.4	16.4			4.7	10.8	19.6	13.7		62.0
66.0					16.9	13.8				17.9	16.3	11.4		5.0	9.3	15.8	16.0				6.7	18.1	13.7		66.0
70.0					15.5	12.9				14.3	14.9	11.4			5.9	12.7	14.8	9.5				14.5	13.6		70.0
74.0						11.8					13.6	11.1				10.0	13.6	9.5				9.3	12.4	7.3	74.0
78.0						10.8					12.5	10.1					11.8	9.5				5.1	11.3	7.3	78.0
82.0												9.2					9.2	9.1					10.2	7.3	82.0
86.0																		8.3					6.9	7.1	86.0
90.0																		7.5						6.3	90.0
94.0																								5.7	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	23.4				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	22.5				15.3	17.2	19.6				13.0	15.1	16.9				9.7	12.0					42.0
46.0	13.4	18.3	21.6				10.0	16.2	17.9				7.1	14.3	16.3					11.0	12.3				46.0
50.0	8.6	14.7	20.5				5.3	11.7	16.3					9.1	15.7					6.1	11.0				50.0
54.0	4.8	9.6	19.3	19.7				6.5	14.8	17.4					14.8						9.8				54.0
58.0		5.4	13.8	19.7					11.3	15.8					9.2	15.7					6.7	10.6			58.0
62.0			8.6	18.8					6.0	14.4						14.4						9.5			62.0
66.0			4.5	17.3	11.4					13.2	10.4					13.3						8.4			66.0
70.0				13.6	11.4					12.1	10.4					11.2	8.3					7.5			70.0
74.0				8.1	11.4					6.3	10.3					5.0	8.3						6.3		74.0
78.0					10.7	5.6					9.1	4.6					7.7						5.3		78.0
82.0					9.7	5.6					8.1	4.6					6.8								82.0
86.0					6.7	5.6					5.9	4.6					5.6								86.0
90.0						5.6																			90.0
94.0						5.2																			94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 40 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	49.5				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	45.1				33.2	37.2	45.0				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	41.4				31.0	34.5	41.3				30.8	34.4	41.1				30.5	34.1					28.0
30.0		32.1	38.1				29.0	32.1	38.1				28.9	32.0	37.9				28.5	31.7	37.6				30.0
34.0			32.5	43.7			25.2	27.9	32.7	42.2			25.3	27.9	32.6				25.0	27.6	32.3				34.0
38.0				37.1				24.3	28.4	37.1			22.3	24.6	28.4	36.3			22.1	24.3	28.1				38.0
42.0				31.7	30.2				24.8	31.9				21.7	25.0	31.8			19.6	21.5	24.7	31.3			42.0
46.0					28.1					27.7	25.9				22.0	27.7			16.8	19.1	21.8	27.5			46.0
50.0					25.2	20.8					24.7					24.4	22.5				19.3	24.1	21.3		50.0
54.0						19.7					22.3	17.7				21.5	21.9				17.1	21.3	21.3		54.0
58.0						17.7						17.1					19.9	15.1				18.9	19.7		58.0
62.0												15.5					18.1	14.9					17.9	12.6	62.0
66.0																		13.6					16.3	12.6	66.0
70.0																								12.0	70.0
74.0																								11.0	74.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	31.7				24.3	26.9	31.4				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	27.7				21.5	23.6	27.4				21.0	23.3	27.0				19.2	21.9	25.2				38.0
42.0	19.5	21.3	24.4	30.1			19.1	20.9	24.0				18.8	20.6	23.7				17.8	20.5	24.2				42.0
46.0	17.5	19.0	21.6	27.1			17.1	18.6	21.2	25.9			16.8	18.3	20.9				16.5	19.1	23.0				46.0
50.0	15.7	17.0	19.2	23.9			15.3	16.7	18.9	23.4			15.0	16.3	18.5	22.3			11.5	17.8	20.8	21.1			50.0
54.0		15.2	17.2	21.1	18.3		13.8	14.9	16.9	20.7			11.0	14.6	16.5	20.4			7.5	12.5	18.6	21.1			54.0
58.0			15.4	18.8	18.3		8.9	13.4	15.1	18.4	15.4		7.7	11.3	14.8	18.1				8.2	16.6	19.7			58.0
62.0				16.8	17.3				13.6	16.5	15.4		5.0	7.8	13.3	16.1	13.0			4.7	11.5	17.8	11.9		62.0
66.0				15.1	15.8	10.5				14.8	15.1			4.9	9.7	14.5	13.0				7.1	16.1	11.9		66.0
70.0					14.4	10.5				13.3	13.7	8.4			6.2	13.0	13.0	7.5				14.6	11.9		70.0
74.0					13.2	10.4					12.5	8.4				10.8	12.5	7.5				10.7	11.3	5.5	74.0
78.0						9.5					11.5	8.4				7.5	11.4	7.5				6.1	10.2	5.5	78.0
82.0												8.0					10.3	7.5					9.3	5.5	82.0
86.0												7.3						7.1					8.4	5.5	86.0
90.0																		6.4							90.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	21.3				14.4	16.3	18.6				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	20.4				10.0	15.4	17.9				7.0	12.4	15.0					9.8	12.0				46.0
50.0	8.6	15.3	19.5				5.1	12.1	16.5					9.5	14.3					6.4	11.4				50.0
54.0	4.6	9.8	17.6	18.0				6.7	15.0						13.5						10.7				54.0
58.0		5.5	14.9	17.8					12.3	14.3					10.2	13.2					7.7				58.0
62.0			9.3	16.1					6.6	12.6					4.4	11.7						8.4			62.0
66.0			4.9	14.5	9.7					11.1						10.3						7.1			66.0
70.0				13.1	9.7					9.7	7.6					9.0						6.0			70.0
74.0				9.6	9.6					7.8	7.0					6.6									74.0
78.0				4.7	8.6						6.0														78.0
82.0					7.6																				82.0
86.0					6.8																				86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		120.0																							14.0
15.0		118.5					105.8	110.5					92.7												15.0
16.0		114.3					102.4	106.8					89.9						78.2						16.0
17.0	102.9	110.4	118.2				99.2	103.4					87.2	90.7					76.1						17.0
18.0	94.8	105.6	114.0				94.9	100.1					84.6	88.0					74.0						18.0
19.0	87.8	97.0	110.2				87.8	97.0	103.2				82.1	85.4					71.9	74.6					19.0
20.0	81.7	89.7	105.0				81.7	89.8	99.9				79.8	82.9					69.5	72.5					20.0
22.0	70.0	77.8	89.3	105.5			71.6	77.9	89.3				72.2	78.2	82.7				65.1	68.0					22.0
24.0	56.1	66.7	77.5	95.3			63.7	68.6	77.5	94.4			64.1	69.2	78.1				61.0	63.6	67.8				24.0
26.0	44.2	53.2	68.4	84.1			57.2	61.2	68.4	84.2			57.6	61.7	68.9				56.8	59.6	63.5				26.0
28.0		41.3	55.1	73.5	77.8		50.6	55.2	61.0	73.5			52.2	55.6	61.5	74.2			51.8	54.9	59.4				28.0
30.0			42.6	65.2	71.9		41.7	48.8	55.0	65.2	71.0		47.6	50.5	55.4	65.7			47.6	50.2	54.8	61.8			30.0
34.0					62.1	60.7		31.6	41.5	52.9	61.4		38.1	42.5	46.0	53.2	61.2		40.4	42.5	46.1	52.8			34.0
38.0						53.3				41.0	50.8	52.6	26.3	31.0	38.6	44.5	51.0	52.3	34.5	36.5	39.2	44.5	50.8		38.0
42.0											39.9	46.8			26.1	38.1	42.9	46.5	25.5	29.2	34.0	38.0	42.9	46.2	42.0
46.0																	36.9	41.3		16.3	25.9	33.1	36.8	41.3	46.0
50.0																		35.7				26.1	32.1	35.6	50.0
54.0																							25.9	31.2	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	54.8				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	51.4				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	48.2				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	42.6	47.0			32.9	34.2	36.3	40.2			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	36.7	41.4			29.2	30.4	32.2	35.4			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	31.9	35.6	40.0		26.1	27.0	28.6	31.4	34.5		21.9	22.7	24.1	26.6			21.0	23.9	27.4	30.2			42.0
46.0	24.0	26.5	28.1	31.1	34.5	38.6	23.0	24.2	25.5	27.9	30.6		19.5	20.2	21.4	23.5	25.9		17.4	19.9	24.1	26.7			46.0
50.0	11.9	19.0	24.7	27.4	30.2	33.4	18.9	20.5	22.5	25.0	27.3	29.8	16.3	18.0	19.1	20.9	22.9		13.3	16.4	20.1	23.9	26.1		50.0
54.0				24.4	26.7	29.3	13.4	16.6	18.4	21.6	24.4	26.5	12.9	14.7	16.3	18.6	20.4	22.3	9.9	12.4	16.7	21.7	23.4		54.0
58.0					23.6	26.0			14.9	17.7	20.7	23.8	10.2	11.8	13.2	15.6	18.2	19.8	7.0	9.0	12.8	18.9	21.2	22.8	58.0
62.0						22.5				14.2	16.9	19.7	4.6	9.2	10.4	12.6	14.9	17.4	4.7	6.3	9.2	15.5	19.4	20.8	62.0
66.0											13.6	16.0				9.9	12.0	14.2			6.3	11.7	16.9	19.0	66.0
70.0																	9.4	11.3				8.0	13.4	17.4	70.0
74.0																		8.8				4.9	10.0	14.3	74.0
78.0																								10.9	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	26.6			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	20.3			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	18.2				8.4	13.3	14.2				6.3	11.5	13.2					8.3			58.0
62.0			7.1	12.3	16.4	17.7			4.6	12.2	13.0	13.9				8.5	12.2					7.4	8.1		62.0
66.0				9.6	13.7	16.0				9.0	12.0	12.8				5.9	10.5	12.0				6.1	7.2		66.0
70.0				6.7	10.6	14.5				4.8	11.1	11.8					7.6	11.1					6.4	7.0	70.0
74.0					8.0	11.8					9.1	10.9					5.1	9.4					5.6	6.3	74.0
78.0					5.6	8.9					4.6	10.1						6.6						5.6	78.0
82.0						6.3						7.8												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	118.6	120.0					110.0																		14.0
15.0	114.3	120.0					106.4						93.1												15.0
16.0	110.5	116.4					102.9	108.2					90.3						78.5						16.0
17.0	103.9	112.4	120.0				99.7	104.6					87.6	91.7					76.3						17.0
18.0	95.5	108.6	117.5				96.3	101.3					85.0	88.9					74.2						18.0
19.0	88.4	99.6	113.4				89.1	98.1	105.5				82.5	86.3					72.2	75.3					19.0
20.0	82.2	91.9	109.6				82.8	92.6	102.1				80.1	83.7					69.9	73.2					20.0
22.0	72.0	79.4	93.7				72.5	80.0	94.4				73.1	79.0	84.4				65.4	68.8					22.0
24.0	58.2	69.8	80.8	93.7			64.3	70.3	81.4				64.8	70.8	79.5				61.2	64.3	69.3				24.0
26.0	45.9	56.5	70.9	85.4			57.7	62.5	71.3	84.8			58.1	63.0	71.9				57.2	60.2	64.9				26.0
28.0		44.2	60.7	78.3	76.0		52.3	56.2	63.4	77.8			52.6	56.6	63.9	77.7			52.2	55.9	60.7				28.0
30.0			47.7	69.6	70.2		44.8	51.1	57.0	70.0			47.9	51.3	57.3	70.6			47.9	51.1	56.5				30.0
34.0				49.2	60.7	58.9		35.0	47.2	56.1	60.1		40.6	43.1	47.4	56.5	59.9		40.6	43.1	47.4	55.8			34.0
38.0					50.1	51.7				46.6	52.8	51.1	28.3	34.0	40.2	46.8	52.6		35.0	36.9	40.2	46.9	52.3		38.0
42.0						45.9					45.9	45.4			29.9	39.8	46.1	45.2	27.4	31.9	34.7	39.8	46.1		42.0
46.0												40.8				31.4	39.3	40.5		17.2	29.1	34.4	39.2	40.2	46.0
50.0																	32.6	36.7				30.2	33.9	36.3	50.0
54.0																							29.9	33.1	54.0
58.0																								29.5	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	56.0				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	52.5				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	49.2				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	43.4	48.8			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	37.6	43.1			29.3	30.6	32.8	36.7			24.7	25.9	27.8	31.2			26.9	29.5	31.2				38.0
42.0	28.8	30.3	32.6	37.2	42.6		26.1	27.3	29.1	32.5			21.9	22.9	24.6	27.5			22.3	25.8	27.9	31.0			42.0
46.0	25.5	26.7	28.6	32.3	36.7		22.7	24.4	25.9	28.8	32.1		19.5	20.4	21.8	24.3	27.2		17.1	21.4	24.9	27.7			46.0
50.0	13.8	21.5	25.4	28.4	31.9	36.1	18.6	20.8	23.3	25.7	28.5		15.9	18.2	19.4	21.6	24.1		12.9	16.3	22.0	24.7	27.4		50.0
54.0			18.4	25.2	28.0	31.4	14.9	16.9	19.0	23.0	25.5	28.2	12.5	14.9	16.8	19.2	21.4	23.8	9.4	12.2	17.4	22.3	24.5		54.0
58.0				21.2	24.9	27.7		9.4	15.4	18.8	22.5	25.2	9.7	11.6	13.6	16.6	19.0	21.1	6.5	8.7	12.9	20.3	22.1	24.2	58.0
62.0					21.0	24.6				15.2	18.4	22.0	5.9	8.8	10.9	13.4	16.3	18.8		5.9	9.2	17.3	20.1	21.8	62.0
66.0											14.9	18.0			8.4	10.7	13.2	15.9			6.1	12.4	18.5	19.9	66.0
70.0												14.5				8.3	10.4	12.8				8.5	16.5	18.3	70.0
74.0																		10.1				5.1	11.3	16.9	74.0
78.0																							7.0	14.1	78.0
82.0																								9.1	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	24.7			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	21.9			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	19.5	21.6			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	17.5	19.3				8.5	13.6	14.7				6.5	13.6	14.7					8.6			58.0
62.0			7.1	14.8	17.3	19.1			4.6	12.5	13.5					11.2	13.5					7.6	8.5		62.0
66.0				11.3	15.6	17.1				9.8	12.4	12.8				8.1	12.2					6.8	7.6		66.0
70.0				7.1	13.8	15.4				5.4	11.4	11.8					10.7	11.6					6.7		70.0
74.0					10.4	14.0					10.5	10.8					7.5	10.7					6.0	6.7	74.0
78.0					6.7	12.0					5.8	10.0					4.8	9.6						5.9	78.0
82.0						8.7						9.3						6.7						5.3	82.0
86.0						5.4						5.5												4.7	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	120.0																								13.0
14.0	119.4	120.0					110.6																		14.0
15.0	115.1	120.0					106.9						93.6												15.0
16.0	111.1	118.1					103.4	109.5					90.7												16.0
17.0	105.7	113.9					100.2	105.9					88.0						76.6						17.0
18.0	97.0	110.1	120.0				97.0	102.5					85.3	89.9					74.5						18.0
19.0	89.7	103.1	116.2				90.4	99.2					82.8	87.2					72.4						19.0
20.0	83.3	94.8	112.2				83.9	95.6	104.4				80.4	84.6					70.2	73.9					20.0
22.0	72.8	81.6	99.3				73.3	82.2	97.9				73.9	79.8	86.1				65.7	69.6					22.0
24.0	60.0	71.5	84.9	92.3			64.9	72.0	85.6				65.5	72.6	81.1				61.5	65.1	70.9				24.0
26.0	47.5	59.8	74.1	84.1			58.2	63.9	74.6				58.6	64.4	75.3				57.6	60.9	66.3				26.0
28.0		47.1	65.6	77.2			52.6	57.3	66.0	76.6			53.0	57.7	66.5				52.6	56.9	62.1				28.0
30.0			52.7	71.2	68.7		46.3	51.9	59.0	70.7			48.3	52.2	59.5	70.6			48.2	51.9	58.1				30.0
34.0				58.1	59.4			37.6	48.6	59.7	58.8		40.8	43.7	48.9	60.2			40.8	43.8	48.8	58.6			34.0
38.0					52.1	50.2			32.5	49.1	51.6		30.0	36.8	41.3	49.4	51.4		35.2	37.4	41.3	49.3			38.0
42.0						44.6				36.4	45.8	44.0			33.6	41.6	45.6		29.0	32.5	35.5	41.7	45.3		42.0
46.0											40.1	39.5				35.9	40.9	39.3		23.0	31.1	35.8	40.6	38.9	46.0
50.0												35.8					36.1	35.5				31.3	36.0	35.1	50.0
54.0																		32.3					31.4	32.0	54.0
58.0																								29.3	58.0
62.0																								27.0	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	57.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	49.4	53.6				39.9	42.1	45.7				33.9	35.7					32.6	35.0					28.0
30.0	43.9	46.3	50.3				37.4	39.5	42.9				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	40.8	44.3	50.6			33.1	34.9	37.8				28.0	29.6	32.1				29.8	32.4	34.8				34.0
38.0	33.0	35.1	38.5	44.6			29.4	30.9	33.4	38.1			24.8	26.1	28.3				27.7	29.8	31.6				38.0
42.0	28.9	30.6	33.3	38.9	44.8		26.2	27.5	29.6	33.6			22.0	23.1	25.0	28.5			22.1	26.4	28.5	31.8			42.0
46.0	25.3	27.0	29.2	33.6	39.1		22.5	24.6	26.4	29.8	33.8		19.5	20.5	22.2	25.2			16.8	21.6	25.3	28.7			46.0
50.0	15.3	23.3	25.8	29.4	33.8	34.9	18.3	21.2	23.6	26.6	29.9		15.6	18.3	19.7	22.3	25.3		12.5	16.3	22.8	25.5			50.0
54.0			22.0	26.0	29.5	31.8	14.9	17.1	19.7	23.8	26.7	30.0	12.1	14.8	17.4	19.8	22.4		9.0	12.0	17.8	22.9	25.6		54.0
58.0				22.7	26.1	29.1		11.5	16.0	19.9	23.9	26.7	9.3	11.3	14.1	17.6	19.9	22.5	6.1	8.5	13.1	20.8	23.0		58.0
62.0					22.9	26.2				16.2	20.1	23.9	7.0	8.5	11.3	14.3	17.7	20.0		5.6	9.2	18.5	20.9	23.0	62.0
66.0						22.9					16.3	20.1			8.5	11.4	14.4	17.7			6.0	13.3	19.1	20.9	66.0
70.0												16.3				8.9	11.5	14.4				9.0	17.6	19.1	70.0
74.0																	9.0	11.6				5.5	12.9	17.6	74.0
78.0																		9.0					8.2	16.4	78.0
82.0																								11.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	25.6			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	23.0			6.7	11.1	15.1	16.7				8.7	15.1	16.5				5.8	11.1				50.0
54.0	6.2	9.6	16.0	20.4	23.1			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	18.3	20.5				8.7	13.9	15.3				6.7	14.0						8.9			58.0
62.0			7.1	16.5	18.3				4.6	12.8	14.0					12.9	13.1					7.9			62.0
66.0				12.2	16.5	18.4				10.8	12.8					9.7	12.1					7.0	8.0		66.0
70.0				7.8	14.9	16.5				6.0	11.8	12.4				4.6	11.1	12.1					7.1		70.0
74.0					12.9	14.9					10.9	11.4					10.3	11.2					6.3	7.1	74.0
78.0					7.9	13.6					7.2	10.5					6.8	10.3					5.6	6.4	78.0
82.0						12.0						9.7						9.3						5.6	82.0
86.0						7.4						7.8						6.6						5.0	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	119.9																								13.0
14.0	119.9						106.7																		14.0
15.0	114.5	119.9					104.0						89.0												15.0
16.0	108.3	119.9					101.1						87.3												16.0
17.0	102.8	113.7					98.1	107.2					85.4						73.1						17.0
18.0	97.7	107.7					95.1	103.7					83.3	90.9					71.9						18.0
19.0	91.0	102.1	119.1				91.7	100.4					81.3	88.1					70.6						19.0
20.0	84.4	97.1	112.5				85.1	97.0					79.1	85.5					69.1	74.6					20.0
22.0	73.6	83.9	101.2				74.1	84.6	100.0				74.9	80.6					66.0	70.4					22.0
24.0	61.8	73.3	89.6				65.6	73.8	90.3				66.7	75.1	82.7				61.8	65.8					24.0
26.0	49.0	63.1	77.6	82.8			58.7	65.3	78.1				59.7	66.4	78.0				57.9	61.6	67.8				26.0
28.0	36.9	49.9	68.3	75.9			53.0	58.5	68.8	75.3			53.9	59.4	70.0				52.9	57.7	63.4				28.0
30.0		37.5	57.8	70.0			47.6	52.8	61.3	69.5			49.0	53.7	62.3				48.5	52.8	59.4				30.0
34.0				60.5	57.9			39.6	50.1	60.0			41.4	44.8	50.8	60.2			41.3	44.5	50.2	60.0			34.0
38.0					50.8	48.6			36.3	51.9	50.2		31.7	38.3	42.7	52.7	50.3		35.7	38.3	42.6	51.9			38.0
42.0					45.1	43.1				42.9	44.6	42.5			36.7	44.1	44.7		30.4	33.2	36.7	43.9	44.4		42.0
46.0						38.7					40.0	38.1				37.7	40.1	38.1		25.2	32.0	37.8	39.8		46.0
50.0												34.4					36.2	34.5			23.7	32.8	36.0	34.1	50.0
54.0																		31.4				29.0	32.7	31.0	54.0
58.0																		28.7					29.5	28.4	58.0
62.0																								26.1	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	60.5					48.4						41.0												22.0
24.0	53.3	56.8					45.5	48.3					38.5						32.7						24.0
26.0	50.0	53.2					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	49.9	54.7				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	46.8	51.3				37.6	39.9	43.8				31.9	33.9					30.2	32.7					30.0
34.0	38.4	41.3	45.2				33.2	35.2	38.6				28.1	29.9	32.7				28.3	31.1	34.2				34.0
38.0	33.2	35.5	39.5	46.3			29.4	31.2	34.0	39.5			24.9	26.4	28.8				26.4	29.3	32.1				38.0
42.0	29.0	30.9	34.1	40.7			26.2	27.7	30.1	34.8			22.0	23.3	25.5	29.5			21.9	26.7	29.1				42.0
46.0	25.2	27.2	29.8	35.0	39.3		22.3	24.7	26.8	30.8			19.6	20.7	22.6	26.1			16.6	21.7	25.8	29.8			46.0
50.0	16.4	23.8	26.3	30.5	35.5		18.0	21.3	24.0	27.4	31.4		15.4	18.4	20.0	23.1	26.6		12.2	16.3	23.2	26.4			50.0
54.0			23.2	26.9	31.2	30.6	14.5	17.0	20.4	24.5	27.9		11.8	14.7	17.8	20.5	23.5		8.7	11.9	18.4	23.6	26.9		54.0
58.0				24.0	27.4	27.9		13.2	16.5	21.2	24.9	27.6	8.9	11.2	14.6	18.2	20.9		5.7	8.3	13.4	21.4	24.0		58.0
62.0					24.4	25.6				17.2	21.9	25.3	6.6	8.3	11.7	15.2	18.6	21.2		5.3	9.4	19.5	21.7	24.2	62.0
66.0						23.7				13.8	17.8	22.4			8.5	12.2	15.8	18.9			6.0	14.3	19.8	22.0	66.0
70.0						20.9					14.3	18.3				9.6	12.7	16.2				9.7	18.2	20.0	70.0
74.0												14.8					10.0	13.1				6.0	14.7	18.4	74.0
78.0																		10.4					9.6	17.0	78.0
82.0																							5.3	14.4	82.0
86.0																								8.5	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	28.2				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.8				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	23.6	26.3			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	21.0	24.1			6.3	11.1	15.3	17.1				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	21.4				6.5	14.0	15.6					12.5	15.5					10.0	10.3			54.0
58.0		5.8	11.4	19.1	21.8				9.0	14.3					7.0	14.3					4.5	9.2			58.0
62.0			7.3	17.2	19.4				4.7	13.1	14.5					13.2	14.5					8.2			62.0
66.0				13.3	17.4	19.8				11.9	13.3					10.9	13.3					7.3	8.4		66.0
70.0				8.5	15.7	17.7				6.9	12.2	13.0				5.5	12.3						7.5		70.0
74.0				4.6	14.3	16.0					11.2	11.9					11.0	11.7					6.6		74.0
78.0					9.5	14.5					8.8	11.0					8.6	10.8					5.9	6.8	78.0
82.0					5.0	13.2						10.1						10.0						6.0	82.0
86.0						9.8						9.4						9.0						5.4	86.0
90.0						4.7						4.9						5.4						4.8	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	112.3						97.8																		14.0
15.0	106.3						95.3						82.2												15.0
16.0	100.9	112.9					92.8						80.7												16.0
17.0	95.9	106.9					90.2	100.9					78.9						68.0						17.0
18.0	91.4	101.4					87.4	98.6					77.1						66.8						18.0
19.0	87.2	96.4					84.7	95.9					75.2	83.5					65.6						19.0
20.0	83.4	91.8	107.6				82.0	91.3					73.2	81.9					64.3	70.4					20.0
22.0	74.5	83.7	97.0				75.6	83.2	96.5				69.3	78.3					61.6	68.3					22.0
24.0	63.5	75.2	88.2				66.8	76.3	87.7				65.4	74.5	84.3				58.6	65.7					24.0
26.0	50.4	66.4	80.8				59.7	67.3	80.2				60.2	68.0	79.5				55.7	62.3	69.3				26.0
28.0	38.4	52.7	71.3	74.6			53.9	60.1	72.3				54.3	60.7	73.1				52.9	58.4	64.8				28.0
30.0		40.3	63.2	68.8			48.8	54.2	64.2	68.6			49.4	54.7	64.8				48.8	53.7	60.7				30.0
34.0				59.4	56.4		30.9	41.7	52.1	59.2			41.6	45.5	52.5	59.1			41.5	45.2	51.8	58.9			34.0
38.0				48.3	49.5				39.9	51.9	49.2		32.5	38.8	43.9	51.8			35.9	38.7	43.7	51.6			38.0
42.0					43.9	41.6				46.0	43.6			25.0	37.6	46.0	43.5		30.6	33.6	37.6	45.8			42.0
46.0						37.3					39.1	36.9				39.4	38.9			26.9	32.7	39.4	38.7		46.0
50.0												33.4				32.8	35.2	33.1			27.2	34.1	34.9		50.0
54.0												30.3					32.0	30.1				30.0	31.8	29.8	54.0
58.0																		27.6					29.1	27.2	58.0
62.0																								25.0	62.0
66.0																								23.1	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	59.1					47.0						40.4												22.0
24.0	52.2	57.4					45.6	48.8					38.7						31.1						24.0
26.0	50.0	53.8					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	50.4	55.9				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	47.3	52.4				37.7	40.4	44.7				32.0	34.2					28.7	31.3					30.0
34.0	38.6	41.8	46.1				33.3	35.6	39.3				28.2	30.2	33.4				27.0	29.8	33.0				34.0
38.0	33.3	36.0	40.6	48.0			29.5	31.5	34.7				24.9	26.6	29.4				25.2	28.1	31.8				38.0
42.0	29.1	31.2	34.9	42.3			26.3	27.9	30.7	36.1			22.1	23.6	26.0	30.6			21.8	26.4	29.7				42.0
46.0	25.1	27.5	30.4	36.6	38.6		22.2	24.9	27.3	31.9			19.5	20.9	23.0	27.0			16.4	22.0	26.3	30.6			46.0
50.0	17.3	23.9	26.8	31.7	34.8		17.8	21.4	24.4	28.3	33.1		15.1	18.6	20.4	23.9			12.0	16.4	23.6	27.3			50.0
54.0			23.8	27.9	31.6	29.7	14.3	17.1	21.1	25.3	29.3		11.5	14.7	18.1	21.2	24.8		8.4	11.9	19.0	24.4			54.0
58.0				24.7	28.9	27.1		13.5	17.1	22.5	26.1	26.5	8.6	11.1	15.2	18.8	21.9		5.3	8.2	13.8	22.0	25.2		58.0
62.0				20.9	25.6	24.9			13.7	18.3	23.4	24.3	6.2	8.0	12.0	16.2	19.5	22.6		5.1	9.6	20.0	22.6		62.0
66.0					22.2	22.9				14.8	19.4	22.3			8.5	13.1	17.2	20.1			6.1	15.5	20.5	21.2	66.0
70.0						21.2					15.7	20.5				10.4	13.9	17.9				10.6	18.8	19.5	70.0
74.0												16.6					11.1	14.7				6.6	17.0	18.0	74.0
78.0												13.3					8.6	11.8					11.3	16.6	78.0
82.0																		9.2					6.6	15.3	82.0
86.0																								11.2	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	27.1				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	26.0				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	24.1				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	21.7	24.7			6.0	11.1	15.6	17.6				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	22.5				6.5	14.2	16.0					13.1	15.9					10.2				54.0
58.0		5.6	11.8	20.0	23.3				9.4	14.6					7.4	14.6					4.9	9.5			58.0
62.0			7.5	17.9	20.7				4.9	13.4	15.0					13.5						8.5			62.0
66.0				14.6	18.5					12.3	13.7					12.4	13.0					7.6			66.0
70.0				9.4	16.7	19.1				7.8	12.6					6.6	12.0					4.9	7.9		70.0
74.0				5.2	15.1	17.2					11.6	12.5					11.0						7.0		74.0
78.0					11.3	15.5					10.7	11.5					10.2	11.3					6.2	7.2	78.0
82.0					6.3	14.1					5.5	10.6					5.0	10.4						6.4	82.0
86.0						12.7						9.8						9.7						5.7	86.0
90.0						6.9						7.4						8.3						5.1	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	83.1	95.3					73.9	83.1					64.9						56.7						17.0
18.0	80.2	92.5					71.7	81.2					63.3						55.6						18.0
19.0	77.3	89.4					69.5	79.3					61.8	69.1					54.5						19.0
20.0	74.4	85.3	101.1				67.3	77.2					60.1	67.7					53.3						20.0
22.0	69.0	78.0	91.4				63.1	72.8	86.2				56.8	64.8					50.9	57.0					22.0
24.0	63.8	71.8	83.2				58.8	68.4	82.4				53.6	61.6	72.1				48.5	54.9					24.0
26.0	51.9	66.4	76.3				54.9	64.1	75.6				50.5	58.4	69.6				46.0	52.5	60.8				26.0
28.0	39.9	55.6	70.4	73.5			51.1	60.0	69.7				47.4	55.1	66.6				43.6	50.1	59.0				28.0
30.0		43.2	65.3	67.8			47.7	55.7	64.6				44.6	52.0	63.6				41.3	47.6	56.9				30.0
34.0			41.8	58.6			30.3	43.8	54.3	58.4			39.3	46.0	54.9	58.3			36.9	42.8	52.3				34.0
38.0				51.3	48.3				43.5	51.2	48.0		30.2	39.7	45.7	51.1			32.9	38.3	44.9	51.0			38.0
42.0					42.9					45.4	42.6			25.8	39.0	45.4	42.5		28.0	34.0	38.5	45.3			42.0
46.0						36.0				35.6	38.2	35.7			27.0	40.7	38.0		14.8	26.1	33.5	40.5	37.8		46.0
50.0						32.5					34.5	32.2				35.9	34.4	32.0			28.3	35.6	34.1		50.0
54.0												29.3					31.2	29.1				31.2	31.0	28.8	54.0
58.0																		26.6					28.4	26.3	58.0
62.0																		24.4					26.1	24.1	62.0
66.0																								22.2	66.0
Reeves	8						6						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	44.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	43.0	50.1				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	39.3	46.8				31.3	35.6	40.2				28.0	30.5	34.1				25.2	28.0					34.0
38.0	30.8	35.7	41.5	49.8			28.6	31.8	35.4				25.0	26.9	30.0				23.5	26.4	30.1				38.0
42.0	27.7	31.6	35.8	43.9			26.0	28.2	31.3	37.4			22.1	23.8	26.5				21.8	24.7	28.7				42.0
46.0	24.5	27.7	31.1	38.2			22.1	25.1	27.8	33.0			19.4	21.1	23.4	28.0			16.3	22.3	26.8	31.4			46.0
50.0	16.8	24.2	27.3	33.0	33.7		17.7	21.7	24.8	29.3	33.5		15.0	18.7	20.8	24.7			11.8	16.6	24.0	28.3			50.0
54.0		13.5	24.2	28.9	30.6		14.1	17.1	21.8	26.1	30.4		11.3	14.8	18.4	21.9	26.0		8.1	11.9	19.8	25.2			54.0
58.0				25.5	27.9	25.8		13.4	17.7	23.3	27.4		8.3	11.0	15.7	19.4	23.0		5.0	8.1	14.3	22.6	26.4		58.0
62.0				22.2	25.6	23.7			14.0	19.5	24.4	23.5	5.8	7.9	12.3	17.2	20.4			4.9	9.9	20.5	23.6		62.0
66.0					23.7	21.8				15.7	21.2	21.6			8.7	14.0	18.2	21.0			6.2	17.0	21.3		66.0
70.0						20.2					17.2	19.9				11.1	15.3	19.0				11.6	19.5	18.4	70.0
74.0						18.7					13.8	18.4				8.6	12.3	16.5				7.3	17.9	17.3	74.0
78.0												15.1					9.6	13.3					13.3	15.9	78.0
82.0																		10.6					8.1	14.6	82.0
86.0																		8.2						13.5	86.0
90.0																								8.3	90.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	26.0				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	25.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	23.8				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	22.4	25.3			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	18.0	23.3				6.4	14.4	16.5					13.9	16.3					9.4				54.0
58.0		5.5	12.3	21.0					9.9	15.0					7.9	15.0					5.4	9.9			58.0
62.0			7.8	18.8	22.1				5.2	13.7	15.6					13.8						8.8			62.0
66.0				16.2	19.7					12.6	14.2					12.7	14.2					7.9			66.0
70.0				10.5	17.7	17.7				9.0	13.0					7.8	13.1					6.2	8.3		70.0
74.0				6.0	16.0	16.7					12.0	13.1					12.1						7.4		74.0
78.0					13.5	15.4					11.0	12.0					11.2	11.8					6.5		78.0
82.0					7.9	14.1					7.2	11.1					7.0	10.9					5.8	6.9	82.0
86.0						13.0						10.2						10.1						6.1	86.0
90.0						9.6						9.5						9.4						5.4	90.0
94.0																		5.1							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	81.0					68.3						59.2						52.0						17.0
18.0	68.3	77.2					66.3	75.2					57.8						51.1						18.0
19.0	65.5	73.7					64.3	73.5					56.3						50.1						19.0
20.0	62.9	70.4					62.4	70.4					55.0	62.0					49.1						20.0
22.0	58.0	64.6	77.2				58.1	64.6					52.1	59.4					46.9	52.6					22.0
24.0	53.9	59.6	70.3				54.0	59.6	70.3				49.1	56.5					44.6	50.7					24.0
26.0	50.2	55.2	64.5				50.3	55.3	64.5				46.4	53.7	63.9				42.4	48.6					26.0
28.0	41.3	51.4	59.4				47.1	51.5	59.5				43.7	50.9	59.1				40.3	46.4	54.7				28.0
30.0		45.9	55.0	66.9			44.2	48.1	55.1				41.2	47.9	54.8				38.1	44.2	52.9				30.0
34.0			46.7	57.7			31.1	42.1	47.7	57.6			36.5	42.2	47.6	57.1			34.2	39.8	47.4				34.0
38.0				50.6	47.2				41.8	50.5			30.0	37.5	42.0	50.0			30.6	35.8	41.7	49.9			38.0
42.0					41.8					44.8	41.6			27.1	37.3	44.4			26.9	32.0	37.1	44.3			42.0
46.0					37.5	34.8				39.5	37.2				30.5	39.8	36.8		15.7	26.6	33.3	39.5	36.6		46.0
50.0						31.4					33.6	31.1				35.4	33.2				29.9	35.3	33.0		50.0
54.0												28.2					30.2	27.7				31.7	29.9		54.0
58.0												25.8					27.6	25.3				28.5	27.4	25.0	58.0
62.0																		23.2					25.1	22.9	62.0
66.0																								21.1	66.0
70.0																								19.5	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	40.0	46.6				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	36.6	43.9				29.1	33.3	38.9				26.3	29.8	34.1				23.6	26.4					34.0
38.0	28.7	33.3	40.6				26.6	30.6	36.1				24.3	27.2	30.6				21.9	24.8	28.5				38.0
42.0	25.8	30.1	36.6	44.4			24.2	28.1	31.9	38.8			22.2	24.0	27.0				20.3	23.2	27.2				42.0
46.0	23.1	27.2	31.8	39.3			22.1	25.3	28.3	34.2			19.5	21.2	23.9	29.0			16.2	21.6	25.8				46.0
50.0	17.1	23.9	27.8	34.4	33.0		17.6	22.1	25.2	30.3			14.9	18.9	21.1	25.6			11.6	16.8	24.2	29.4			50.0
54.0		14.9	24.7	30.0	29.9		13.9	17.3	22.6	26.9	29.3		11.1	14.9	18.8	22.6			7.9	12.0	20.8	26.0			54.0
58.0			17.3	26.4	27.3			13.5	18.4	24.0	26.8		8.0	11.0	16.3	20.1	24.2		4.7	8.0	14.9	23.3	24.9		58.0
62.0				23.5	25.1	22.9			14.5	20.7	24.5	22.2	5.5	7.8	12.7	17.9	21.4			4.8	10.3	21.1	23.6		62.0
66.0					23.1	21.0				16.8	22.6	20.4		5.1	8.9	14.9	19.0	19.5			6.4	18.8	21.6		66.0
70.0					21.4	19.4				13.4	18.8	18.8				11.9	16.7	18.3				12.9	19.9	16.8	70.0
74.0						18.0					15.2	17.3				9.3	13.5	16.8				8.2	18.4	16.0	74.0
78.0												16.0					10.7	15.0					15.7	14.7	78.0
82.0												13.6					8.2	12.0					9.9	13.5	82.0
86.0																		9.4					5.2	12.5	86.0
90.0																								11.3	90.0
94.0																								5.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	24.7				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	23.8				15.9	17.7	19.5				13.0	15.9	17.7				9.7	13.3					42.0
46.0	13.4	19.4	22.7				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	21.6	25.3			5.5	11.4	16.0					8.9	15.9					5.9	10.8				50.0
54.0	5.0	9.4	19.0	23.8				6.5	14.6	16.9					14.6						9.6				54.0
58.0		5.4	13.0	21.8					10.5	15.4					8.5	15.3					6.0	10.3			58.0
62.0			8.1	19.7	21.8				5.6	14.1						14.1						9.1			62.0
66.0				17.7	20.8					12.9	14.8					13.0						8.1			66.0
70.0				11.9	18.9					10.4	13.5					9.3	12.8					7.2	8.7		70.0
74.0				6.9	17.0	14.5				5.2	12.4						11.8						7.7		74.0
78.0					15.3	14.2					11.4	11.8					10.9						6.9		78.0
82.0					9.9	13.0					9.4	10.6					9.4	8.8					6.1		82.0
86.0					4.9	11.9						9.6						7.9							86.0
90.0						11.0						8.7						7.1							90.0
94.0						6.8						7.3						6.3							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	64.8				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	58.9				43.8	48.9	58.8				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	53.8				40.8	45.3	53.7				40.7	45.1	53.6				39.9	44.5					26.0
28.0	37.9	42.0	49.5				38.1	42.1	49.4				38.0	41.9	49.3				37.6	41.4	48.6				28.0
30.0		39.1	45.7	61.6			35.7	39.2	45.7				35.6	39.1	45.5				35.2	38.6	44.9				30.0
34.0			39.1	51.2			30.7	34.2	39.4	51.2			31.4	34.2	39.3				31.1	33.9	38.9				34.0
38.0				43.5					34.4	43.6			27.9	30.3	34.4	43.6			27.8	30.1	34.1	43.0			38.0
42.0				37.3	40.7					37.8	40.1			26.9	30.4	37.7			25.0	26.9	30.2	37.3			42.0
46.0					36.5					33.0	35.9				27.0	33.1	35.8		16.6	24.2	27.0	32.8			46.0
50.0						30.1					32.4					29.3	32.3				24.2	29.1	31.7		50.0
54.0						27.3					29.4	26.7				25.9	29.4	26.6				26.0	28.8		54.0
58.0												24.4					26.8	24.3				23.3	26.3	23.7	58.0
62.0																		22.3					24.1	21.7	62.0
66.0																		20.5					22.2	19.9	66.0
70.0																								18.3	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	43.3				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.7	38.6				26.9	30.8	36.1				24.6	27.9	31.9				22.0	24.7					34.0
38.0	26.7	29.9	33.9				24.6	28.5	33.5				22.7	26.0	30.6				20.5	23.3	26.9				38.0
42.0	24.3	26.7	30.0	37.1			22.5	26.1	29.6				20.9	24.1	27.5				19.1	21.8	25.7				42.0
46.0	21.9	24.0	26.8	32.6			20.6	23.6	26.4	32.2			19.2	21.4	24.3	30.1			16.3	20.3	24.4				46.0
50.0	17.3	21.6	24.0	28.9			17.7	21.2	23.7	28.5			14.9	19.0	21.5	26.5			11.5	17.2	22.9	28.0			50.0
54.0		16.1	21.6	25.8	28.8		13.9	17.7	21.3	25.5	27.6		11.0	15.2	19.1	23.4			7.7	12.2	21.3	26.8			54.0
58.0			19.4	23.2	26.2		8.3	13.6	19.0	22.8	25.6		7.8	11.1	16.8	20.8	24.2		4.5	8.1	15.8	23.9			58.0
62.0				20.9	24.0	21.3			15.1	20.5	23.5		5.2	7.8	13.3	18.4	22.5			4.7	10.8	21.4	20.7		62.0
66.0					22.1	19.7				17.9	21.6	18.5		5.0	9.3	15.8	20.0				6.7	19.3	18.9		66.0
70.0					20.0	18.1				14.3	19.7	17.4			5.9	12.7	17.8	16.1				14.5	17.3		70.0
74.0						16.7					16.6	16.0				10.0	14.8	16.0				9.3	15.8	13.6	74.0
78.0						15.4					13.3	14.8					11.8	14.7				5.1	14.5	13.4	78.0
82.0												13.6					9.2	13.5					12.2	12.3	82.0
86.0																		10.8					6.9	11.2	86.0
90.0																		8.4						10.3	90.0
94.0																								8.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	23.4				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	22.5				15.3	17.2	19.6				13.0	15.1	16.9				9.7	12.0					42.0
46.0	13.4	18.3	21.6				10.0	16.2	17.9				7.1	14.3	16.3					11.0	12.3				46.0
50.0	8.6	14.7	20.5				5.3	11.7	16.3					9.1	15.7					6.1	11.0				50.0
54.0	4.8	9.6	19.3	23.5				6.5	14.8	17.4					14.8						9.8				54.0
58.0		5.4	13.8	22.1					11.3	15.8					9.2	15.7					6.7	10.6			58.0
62.0			8.6	19.6					6.0	14.4						14.4						9.5			62.0
66.0			4.5	17.6	16.6					13.2	13.4					13.3						8.4			66.0
70.0				13.6	15.1					12.1	12.0					11.2	10.3					7.5			70.0
74.0				8.1	13.8					6.3	10.6					5.0	9.1						6.3		74.0
78.0					12.6	10.6					9.4	8.1					8.1						5.3		78.0
82.0					11.5	9.6					8.4	7.1					7.1								82.0
86.0					6.7	8.7					5.9	6.2					5.6								86.0
90.0						7.9																			90.0
94.0						7.2																			94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 70 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	49.5				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	45.1				33.2	37.2	45.0				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	41.4				31.0	34.5	41.3				30.8	34.4	41.1				30.5	34.1					28.0
30.0		32.1	38.1				29.0	32.1	38.1				28.9	32.0	37.9				28.5	31.7	37.6				30.0
34.0			32.5	43.9			25.2	27.9	32.7	43.8			25.3	27.9	32.6				25.0	27.6	32.3				34.0
38.0				37.1				24.3	28.4	37.1			22.3	24.6	28.4	37.0			22.1	24.3	28.1				38.0
42.0				31.7	39.7				24.8	31.9				21.7	25.0	31.8			19.6	21.5	24.7	31.5			42.0
46.0					35.5					27.7	34.9				22.0	27.7			16.8	19.1	21.8	27.5			46.0
50.0					30.6	28.9					30.8					24.4	30.8				19.3	24.1	30.3		50.0
54.0						26.2					26.8	25.6				21.5	26.9				17.1	21.3	26.6		54.0
58.0						23.9						23.4					23.6	22.9				18.9	23.4		58.0
62.0												21.4					20.8	20.9					20.6	20.1	62.0
66.0																		19.1					18.3	18.8	66.0
70.0																								17.3	70.0
74.0																								15.9	74.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	31.7				24.3	26.9	31.4				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	27.7				21.5	23.6	27.4				21.0	23.3	27.0				19.2	21.9	25.2				38.0
42.0	19.5	21.3	24.4	31.0			19.1	20.9	24.0				18.8	20.6	23.7				17.8	20.5	24.2				42.0
46.0	17.5	19.0	21.6	27.1			17.1	18.6	21.2	26.7			16.8	18.3	20.9				16.5	19.1	23.0				46.0
50.0	15.7	17.0	19.2	23.9			15.3	16.7	18.9	23.4			15.0	16.3	18.5	23.1			11.5	17.8	20.8	24.2			50.0
54.0		15.2	17.2	21.1	26.2		13.8	14.9	16.9	20.7			11.0	14.6	16.5	20.4			7.5	12.5	18.6	21.8			54.0
58.0			15.4	18.8	23.1		8.9	13.4	15.1	18.4	22.7		7.7	11.3	14.8	18.1				8.2	16.6	19.7			58.0
62.0				16.8	20.5				13.6	16.5	20.1		5.0	7.8	13.3	16.1	19.7			4.7	11.5	17.8	16.5		62.0
66.0				15.1	18.2	17.6				14.8	17.9			4.9	9.7	14.5	17.5				7.1	16.1	14.8		66.0
70.0					16.3	16.7				13.3	16.0	15.1			6.2	13.0	15.6	14.1				14.6	13.4		70.0
74.0					14.6	15.4					14.3	14.7				10.8	14.0	14.1				10.7	12.1	10.5	74.0
78.0						14.2					12.8	13.5				7.5	12.6	13.4				6.1	10.9	9.4	78.0
82.0												12.4					10.3	12.3					9.9	8.5	82.0
86.0												11.5						11.4					9.0	7.6	86.0
90.0																		9.6						6.8	90.0
94.0																								6.2	94.0
98.0																								5.6	98.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	21.3				14.4	16.3	18.6				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	20.4				10.0	15.4	17.9				7.0	12.4	15.0					9.8	12.0				46.0
50.0	8.6	15.3	19.5				5.1	12.1	16.5					9.5	14.3					6.4	11.4				50.0
54.0	4.6	9.8	17.6	19.8				6.7	15.0						13.5						10.7				54.0
58.0		5.5	14.9	17.8					12.3	14.3					10.2	13.2					7.7				58.0
62.0			9.3	16.1					6.6	12.6					4.4	11.7						8.4			62.0
66.0			4.9	14.5	12.5					11.1						10.3						7.1			66.0
70.0				13.1	11.2					9.7	8.4					9.0						6.0			70.0
74.0				9.6	10.0					7.8	7.2					6.6									74.0
78.0				4.7	8.9	7.0					6.2														78.0
82.0					7.9	6.2																			82.0
86.0					7.1																				86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		120.0																							14.0
15.0		118.5					105.8	110.5					92.7												15.0
16.0		114.3					102.4	106.8					89.9						78.2						16.0
17.0	102.9	110.4	118.2				99.2	103.4					87.2	90.7					76.1						17.0
18.0	94.8	105.6	114.0				94.9	100.1					84.6	88.0					74.0						18.0
19.0	87.8	97.0	110.2				87.8	97.0	103.2				82.1	85.4					71.9	74.6					19.0
20.0	81.7	89.7	105.0				81.7	89.8	99.9				79.8	82.9					69.5	72.5					20.0
22.0	70.0	77.8	89.3	110.9			71.6	77.9	89.3				72.2	78.2	82.7				65.1	68.0					22.0
24.0	56.1	66.7	77.5	98.0			63.7	68.6	77.5	97.4			64.1	69.2	78.1				61.0	63.6	67.8				24.0
26.0	44.2	53.2	68.4	84.1			57.2	61.2	68.4	84.2			57.6	61.7	68.9				56.8	59.6	63.5				26.0
28.0		41.3	55.1	73.5	90.4		50.6	55.2	61.0	73.5			52.2	55.6	61.5	74.2			51.8	54.9	59.4				28.0
30.0			42.6	65.2	79.1		41.7	48.8	55.0	65.2	79.2		47.6	50.5	55.4	65.7			47.6	50.2	54.8	61.8			30.0
34.0					62.1	70.9		31.6	41.5	52.9	62.1		38.1	42.5	46.0	53.2	62.5		40.4	42.5	46.1	52.8			34.0
38.0						59.0				41.0	50.8	58.9	26.3	31.0	38.6	44.5	51.0	59.3	34.5	36.5	39.2	44.5	50.8		38.0
42.0											39.9	48.6			26.1	38.1	42.9	48.8	25.5	29.2	34.0	38.0	42.9	48.8	42.0
46.0																	36.9	41.3		16.3	25.9	33.1	36.8	41.3	46.0
50.0																		35.7				26.1	32.1	35.6	50.0
54.0																							25.9	31.2	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	54.8				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	51.4				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	48.2				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	42.6	47.0			32.9	34.2	36.3	40.2			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	36.7	41.4			29.2	30.4	32.2	35.4			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	31.9	35.6	40.0		26.1	27.0	28.6	31.4	34.5		21.9	22.7	24.1	26.6			21.0	23.9	27.4	30.2			42.0
46.0	24.0	26.5	28.1	31.1	34.5	38.6	23.0	24.2	25.5	27.9	30.6		19.5	20.2	21.4	23.5	25.9		17.4	19.9	24.1	26.7			46.0
50.0	11.9	19.0	24.7	27.4	30.2	33.4	18.9	20.5	22.5	25.0	27.3	29.8	16.3	18.0	19.1	20.9	22.9		13.3	16.4	20.1	23.9	26.1		50.0
54.0				24.4	26.7	29.3	13.4	16.6	18.4	21.6	24.4	26.5	12.9	14.7	16.3	18.6	20.4	22.3	9.9	12.4	16.7	21.7	23.4		54.0
58.0					23.6	26.0			14.9	17.7	20.7	23.8	10.2	11.8	13.2	15.6	18.2	19.8	7.0	9.0	12.8	18.9	21.2	22.8	58.0
62.0						22.5				14.2	16.9	19.7	4.6	9.2	10.4	12.6	14.9	17.4	4.7	6.3	9.2	15.5	19.4	20.8	62.0
66.0											13.6	16.0				9.9	12.0	14.2			6.3	11.7	16.9	19.0	66.0
70.0																	9.4	11.3				8.0	13.4	17.4	70.0
74.0																		8.8				4.9	10.0	14.3	74.0
78.0																								10.9	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	26.6			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9				5.9	11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8			4.7	8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	20.3			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	18.2				8.4	13.3	14.2				6.3	11.5	13.2					8.3			58.0
62.0			7.1	12.3	16.4	17.7			4.6	12.2	13.0	13.9				8.5	12.2					7.4	8.1		62.0
66.0				9.6	13.7	16.0				9.0	12.0	12.8				5.9	10.5	12.0				6.1	7.2		66.0
70.0				6.7	10.6	14.5				4.8	11.1	11.8					7.6	11.1					6.4	7.0	70.0
74.0					8.0	11.8					9.1	10.9					5.1	9.4					5.6	6.3	74.0
78.0					5.6	8.9					4.6	10.1						6.6						5.6	78.0
82.0						6.3						7.8												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	118.6	120.0					110.0																		14.0
15.0	114.3	120.0					106.4						93.1												15.0
16.0	110.5	116.4					102.9	108.2					90.3						78.5						16.0
17.0	103.9	112.4	120.0				99.7	104.6					87.6	91.7					76.3						17.0
18.0	95.5	108.6	117.5				96.3	101.3					85.0	88.9					74.2						18.0
19.0	88.4	99.6	113.4				89.1	98.1	105.5				82.5	86.3					72.2	75.3					19.0
20.0	82.2	91.9	109.6				82.8	92.6	102.1				80.1	83.7					69.9	73.2					20.0
22.0	72.0	79.4	93.7				72.5	80.0	94.4				73.1	79.0	84.4				65.4	68.8					22.0
24.0	58.2	69.8	80.8	108.1			64.3	70.3	81.4				64.8	70.8	79.5				61.2	64.3	69.3				24.0
26.0	45.9	56.5	70.9	91.5			57.7	62.5	71.3	92.2			58.1	63.0	71.9				57.2	60.2	64.9				26.0
28.0		44.2	60.7	79.1	88.5		52.3	56.2	63.4	79.7			52.6	56.6	63.9	78.9			52.2	55.9	60.7				28.0
30.0			47.7	69.6	81.8		44.8	51.1	57.0	70.0			47.9	51.3	57.3	70.6			47.9	51.1	56.5				30.0
34.0				49.2	68.1	69.0		35.0	47.2	56.1	68.5		40.6	43.1	47.4	56.5	69.0		40.6	43.1	47.4	55.8			34.0
38.0					50.1	60.7				46.6	55.1	60.1	28.3	34.0	40.2	46.8	55.4		35.0	36.9	40.2	46.9	54.9		38.0
42.0						50.1					45.9	53.5			29.9	39.8	46.1	53.3	27.4	31.9	34.7	39.8	46.1		42.0
46.0												45.0				31.4	39.3	45.2		17.2	29.1	34.4	39.2	45.2	46.0
50.0																	32.6	38.6				30.2	33.9	38.5	50.0
54.0																							29.9	33.4	54.0
58.0																								29.5	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	56.0				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	52.5				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	49.2				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	43.4	48.8			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	37.6	43.1			29.3	30.6	32.8	36.7			24.7	25.9	27.8	31.2			26.9	29.5	31.2				38.0
42.0	28.8	30.3	32.6	37.2	42.6		26.1	27.3	29.1	32.5			21.9	22.9	24.6	27.5			22.3	25.8	27.9	31.0			42.0
46.0	25.5	26.7	28.6	32.3	36.7		22.7	24.4	25.9	28.8	32.1		19.5	20.4	21.8	24.3	27.2		17.1	21.4	24.9	27.7			46.0
50.0	13.8	21.5	25.4	28.4	31.9	36.1	18.6	20.8	23.3	25.7	28.5		15.9	18.2	19.4	21.6	24.1		12.9	16.3	22.0	24.7	27.4		50.0
54.0			18.4	25.2	28.0	31.4	14.9	16.9	19.0	23.0	25.5	28.2	12.5	14.9	16.8	19.2	21.4	23.8	9.4	12.2	17.4	22.3	24.5		54.0
58.0				21.2	24.9	27.7		9.4	15.4	18.8	22.5	25.2	9.7	11.6	13.6	16.6	19.0	21.1	6.5	8.7	12.9	20.3	22.1	24.2	58.0
62.0					21.0	24.6				15.2	18.4	22.0	5.9	8.8	10.9	13.4	16.3	18.8		5.9	9.2	17.3	20.1	21.8	62.0
66.0											14.9	18.0			8.4	10.7	13.2	15.9			6.1	12.4	18.5	19.9	66.0
70.0												14.5				8.3	10.4	12.8				8.5	16.5	18.3	70.0
74.0																		10.1				5.1	11.3	16.9	74.0
78.0																							7.0	14.1	78.0
82.0																								9.1	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	24.7			11.4	15.5	16.3	17.9			8.6	13.4	16.2				5.5	11.4	10.9				46.0
50.0	10.2	14.0	18.6	21.9			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	19.5	21.6			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	17.5	19.3				8.5	13.6	14.7				6.5	13.6	14.7					8.6			58.0
62.0			7.1	14.8	17.3	19.1			4.6	12.5	13.5					11.2	13.5					7.6	8.5		62.0
66.0				11.3	15.6	17.1				9.8	12.4	12.8				8.1	12.2					6.8	7.6		66.0
70.0				7.1	13.8	15.4				5.4	11.4	11.8					10.7	11.6					6.7		70.0
74.0					10.4	14.0					10.5	10.8					7.5	10.7					6.0	6.7	74.0
78.0					6.7	12.0					5.8	10.0					4.8	9.6						5.9	78.0
82.0						8.7						9.3						6.7						5.3	82.0
86.0						5.4						5.5												4.7	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	120.0																								13.0
14.0	119.4	120.0					110.6																		14.0
15.0	115.1	120.0					106.9						93.6												15.0
16.0	111.1	118.1					103.4	109.5					90.7												16.0
17.0	105.7	113.9					100.2	105.9					88.0						76.6						17.0
18.0	97.0	110.1	120.0				97.0	102.5					85.3	89.9					74.5						18.0
19.0	89.7	103.1	116.2				90.4	99.2					82.8	87.2					72.4						19.0
20.0	83.3	94.8	112.2				83.9	95.6	104.4				80.4	84.6					70.2	73.9					20.0
22.0	72.8	81.6	99.3				73.3	82.2	97.9				73.9	79.8	86.1				65.7	69.6					22.0
24.0	60.0	71.5	84.9	107.2			64.9	72.0	85.6				65.5	72.6	81.1				61.5	65.1	70.9				24.0
26.0	47.5	59.8	74.1	97.7			58.2	63.9	74.6				58.6	64.4	75.3				57.6	60.9	66.3				26.0
28.0		47.1	65.6	86.3			52.6	57.3	66.0	87.0			53.0	57.7	66.5				52.6	56.9	62.1				28.0
30.0			52.7	75.1	80.3		46.3	51.9	59.0	75.7			48.3	52.2	59.5	76.4			48.2	51.9	58.1				30.0
34.0				58.1	69.5			37.6	48.6	59.7	68.9		40.8	43.7	48.9	60.2			40.8	43.8	48.8	58.6			34.0
38.0					59.9	59.3			32.5	49.1	60.2		30.0	36.8	41.3	49.4	60.4		35.2	37.4	41.3	49.3			38.0
42.0						52.7				36.4	49.4	52.2			33.6	41.6	49.7		29.0	32.5	35.5	41.7	49.6		42.0
46.0											40.1	46.9				35.9	41.9	46.6		23.0	31.1	35.8	41.9	46.3	46.0
50.0												41.9					36.1	41.9				31.3	36.0	41.9	50.0
54.0																		36.1					31.4	36.0	54.0
58.0																								31.5	58.0
62.0																								27.9	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	57.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	49.4	53.6				39.9	42.1	45.7				33.9	35.7					32.6	35.0					28.0
30.0	43.9	46.3	50.3				37.4	39.5	42.9				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	40.8	44.3	50.6			33.1	34.9	37.8				28.0	29.6	32.1				29.8	32.4	34.8				34.0
38.0	33.0	35.1	38.5	44.6			29.4	30.9	33.4	38.1			24.8	26.1	28.3				27.7	29.8	31.6				38.0
42.0	28.9	30.6	33.3	38.9	44.8		26.2	27.5	29.6	33.6			22.0	23.1	25.0	28.5			22.1	26.4	28.5	31.8			42.0
46.0	25.3	27.0	29.2	33.6	39.1		22.5	24.6	26.4	29.8	33.8		19.5	20.5	22.2	25.2			16.8	21.6	25.3	28.7			46.0
50.0	15.3	23.3	25.8	29.4	33.8	39.1	18.3	21.2	23.6	26.6	29.9		15.6	18.3	19.7	22.3	25.3		12.5	16.3	22.8	25.5			50.0
54.0			22.0	26.0	29.5	33.8	14.9	17.1	19.7	23.8	26.7	30.0	12.1	14.8	17.4	19.8	22.4		9.0	12.0	17.8	22.9	25.6		54.0
58.0				22.7	26.1	29.6		11.5	16.0	19.9	23.9	26.7	9.3	11.3	14.1	17.6	19.9	22.5	6.1	8.5	13.1	20.8	23.0		58.0
62.0					22.9	26.2				16.2	20.1	23.9	7.0	8.5	11.3	14.3	17.7	20.0		5.6	9.2	18.5	20.9	23.0	62.0
66.0						22.9					16.3	20.1			8.5	11.4	14.4	17.7			6.0	13.3	19.1	20.9	66.0
70.0												16.3				8.9	11.5	14.4				9.0	17.6	19.1	70.0
74.0																	9.0	11.6				5.5	12.9	17.6	74.0
78.0																		9.0					8.2	16.4	78.0
82.0																								11.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	25.6			11.0	15.6	16.6				8.3	14.2	16.4				5.1	11.5	12.3				46.0
50.0	9.8	13.9	20.4	23.0			6.7	11.1	15.1	16.7				8.7	15.1	16.5				5.8	11.1				50.0
54.0	6.2	9.6	16.0	20.4	23.1			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	18.3	20.5				8.7	13.9	15.3				6.7	14.0						8.9			58.0
62.0			7.1	16.5	18.3				4.6	12.8	14.0					12.9	13.1					7.9			62.0
66.0				12.2	16.5	18.4				10.8	12.8					9.7	12.1					7.0	8.0		66.0
70.0				7.8	14.9	16.5				6.0	11.8	12.4				4.6	11.1	12.1					7.1		70.0
74.0					12.9	14.9					10.9	11.4					10.3	11.2					6.3	7.1	74.0
78.0					7.9	13.6					7.2	10.5					6.8	10.3					5.6	6.4	78.0
82.0						12.0						9.7						9.3						5.6	82.0
86.0						7.4						7.8						6.6						5.0	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	119.9																								13.0
14.0	119.9						106.7																		14.0
15.0	114.5	119.9					104.0						89.0												15.0
16.0	108.3	119.9					101.1						87.3												16.0
17.0	102.8	113.7					98.1	107.2					85.4						73.1						17.0
18.0	97.7	107.7					95.1	103.7					83.3	90.9					71.9						18.0
19.0	91.0	102.1	119.1				91.7	100.4					81.3	88.1					70.6						19.0
20.0	84.4	97.1	112.5				85.1	97.0					79.1	85.5					69.1	74.6					20.0
22.0	73.6	83.9	101.2				74.1	84.6	100.0				74.9	80.6					66.0	70.4					22.0
24.0	61.8	73.3	89.6				65.6	73.8	90.3				66.7	75.1	82.7				61.8	65.8					24.0
26.0	49.0	63.1	77.6	96.3			58.7	65.3	78.1				59.7	66.4	78.0				57.9	61.6	67.8				26.0
28.0	36.9	49.9	68.3	88.4			53.0	58.5	68.8	87.8			53.9	59.4	70.0				52.9	57.7	63.4				28.0
30.0		37.5	57.8	81.6			47.6	52.8	61.3	81.1			49.0	53.7	62.3				48.5	52.8	59.4				30.0
34.0				63.5	68.1			39.6	50.1	63.8			41.4	44.8	50.8	64.9			41.3	44.5	50.2	60.9			34.0
38.0					59.9	57.6			36.3	51.9	59.3		31.7	38.3	42.7	52.7	59.4		35.7	38.3	42.6	51.9			38.0
42.0					47.1	51.3				42.9	52.7	50.6			36.7	44.1	52.8		30.4	33.2	36.7	43.9	52.6		42.0
46.0						46.1					44.7	45.5				37.7	45.3	45.5		25.2	32.0	37.8	45.0		46.0
50.0												41.2					38.6	41.2			23.7	32.8	38.7	40.9	50.0
54.0																		37.6				29.0	33.5	37.3	54.0
58.0																		34.2					29.5	34.1	58.0
62.0																								30.0	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	60.5					48.4						41.0												22.0
24.0	53.3	56.8					45.5	48.3					38.5						32.7						24.0
26.0	50.0	53.2					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	49.9	54.7				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	46.8	51.3				37.6	39.9	43.8				31.9	33.9					30.2	32.7					30.0
34.0	38.4	41.3	45.2				33.2	35.2	38.6				28.1	29.9	32.7				28.3	31.1	34.2				34.0
38.0	33.2	35.5	39.5	46.3			29.4	31.2	34.0	39.5			24.9	26.4	28.8				26.4	29.3	32.1				38.0
42.0	29.0	30.9	34.1	40.7			26.2	27.7	30.1	34.8			22.0	23.3	25.5	29.5			21.9	26.7	29.1				42.0
46.0	25.2	27.2	29.8	35.0	41.7		22.3	24.7	26.8	30.8			19.6	20.7	22.6	26.1			16.6	21.7	25.8	29.8			46.0
50.0	16.4	23.8	26.3	30.5	35.9		18.0	21.3	24.0	27.4	31.4		15.4	18.4	20.0	23.1	26.6		12.2	16.3	23.2	26.4			50.0
54.0			23.2	26.9	31.2	36.6	14.5	17.0	20.4	24.5	27.9		11.8	14.7	17.8	20.5	23.5		8.7	11.9	18.4	23.6	26.9		54.0
58.0				24.0	27.4	31.8		13.2	16.5	21.2	24.9	28.4	8.9	11.2	14.6	18.2	20.9		5.7	8.3	13.4	21.4	24.0		58.0
62.0					24.4	27.9				17.2	21.9	25.3	6.6	8.3	11.7	15.2	18.6	21.2		5.3	9.4	19.5	21.7	24.4	62.0
66.0						24.8				13.8	17.8	22.4			8.5	12.2	15.8	18.9			6.0	14.3	19.8	22.0	66.0
70.0						20.9					14.3	18.3				9.6	12.7	16.2				9.7	18.2	20.0	70.0
74.0												14.8					10.0	13.1				6.0	14.7	18.4	74.0
78.0																		10.4					9.6	17.0	78.0
82.0																							5.3	14.4	82.0
86.0																								8.5	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	28.2				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.8				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	23.6	26.3			10.7	15.7	16.8				7.9	14.3	16.7				4.7	11.6	12.6				46.0
50.0	9.5	13.9	21.0	24.1			6.3	11.1	15.3	17.1				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	21.4				6.5	14.0	15.6					12.5	15.5					10.0	10.3			54.0
58.0		5.8	11.4	19.1	21.8				9.0	14.3					7.0	14.3					4.5	9.2			58.0
62.0			7.3	17.2	19.4				4.7	13.1	14.5					13.2	14.5					8.2			62.0
66.0				13.3	17.4	19.8				11.9	13.3					10.9	13.3					7.3	8.4		66.0
70.0				8.5	15.7	17.7				6.9	12.2	13.0				5.5	12.3						7.5		70.0
74.0				4.6	14.3	16.0					11.2	11.9					11.0	11.7					6.6		74.0
78.0					9.5	14.5					8.8	11.0					8.6	10.8					5.9	6.8	78.0
82.0					5.0	13.2						10.1						10.0						6.0	82.0
86.0						9.8						9.4						9.0						5.4	86.0
90.0						4.7						4.9						5.4						4.8	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	112.3						97.8																		14.0
15.0	106.3						95.3						82.2												15.0
16.0	100.9	112.9					92.8						80.7												16.0
17.0	95.9	106.9					90.2	100.9					78.9						68.0						17.0
18.0	91.4	101.4					87.4	98.6					77.1						66.8						18.0
19.0	87.2	96.4					84.7	95.9					75.2	83.5					65.6						19.0
20.0	83.4	91.8	107.6				82.0	91.3					73.2	81.9					64.3	70.4					20.0
22.0	74.5	83.7	97.0				75.6	83.2	96.5				69.3	78.3					61.6	68.3					22.0
24.0	63.5	75.2	88.2				66.8	76.3	87.7				65.4	74.5	84.3				58.6	65.7					24.0
26.0	50.4	66.4	80.8				59.7	67.3	80.2				60.2	68.0	79.5				55.7	62.3	69.3				26.0
28.0	38.4	52.7	71.3	87.1			53.9	60.1	72.3				54.3	60.7	73.1				52.9	58.4	64.8				28.0
30.0		40.3	63.2	80.5			48.8	54.2	64.2	80.2			49.4	54.7	64.8				48.8	53.7	60.7				30.0
34.0				68.1	66.6		30.9	41.7	52.1	69.1			41.6	45.5	52.5	69.3			41.5	45.2	51.8	63.3			34.0
38.0				48.3	58.5				39.9	55.4	58.2		32.5	38.8	43.9	55.9			35.9	38.7	43.7	54.8			38.0
42.0					52.1	49.7				46.0	51.8			25.0	37.6	46.3	51.6		30.6	33.6	37.6	46.0			42.0
46.0						44.7					46.5	44.3				39.4	46.4			26.9	32.7	39.4	46.1		46.0
50.0												40.1				32.8	41.2	39.9			27.2	34.1	41.1		50.0
54.0												36.6					35.6	36.4				30.0	35.6	36.1	54.0
58.0																		33.4					31.1	33.1	58.0
62.0																								30.4	62.0
66.0																								28.2	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	59.1					47.0						40.4												22.0
24.0	52.2	57.4					45.6	48.8					38.7						31.1						24.0
26.0	50.0	53.8					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	50.4	55.9				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	47.3	52.4				37.7	40.4	44.7				32.0	34.2					28.7	31.3					30.0
34.0	38.6	41.8	46.1				33.3	35.6	39.3				28.2	30.2	33.4				27.0	29.8	33.0				34.0
38.0	33.3	36.0	40.6	48.0			29.5	31.5	34.7				24.9	26.6	29.4				25.2	28.1	31.8				38.0
42.0	29.1	31.2	34.9	42.3			26.3	27.9	30.7	36.1			22.1	23.6	26.0	30.6			21.8	26.4	29.7				42.0
46.0	25.1	27.5	30.4	36.6	43.9		22.2	24.9	27.3	31.9			19.5	20.9	23.0	27.0			16.4	22.0	26.3	30.6			46.0
50.0	17.3	23.9	26.8	31.7	38.2		17.8	21.4	24.4	28.3	33.1		15.1	18.6	20.4	23.9			12.0	16.4	23.6	27.3			50.0
54.0			23.8	27.9	33.0	35.9	14.3	17.1	21.1	25.3	29.3		11.5	14.7	18.1	21.2	24.8		8.4	11.9	19.0	24.4			54.0
58.0				24.7	28.9	32.9		13.5	17.1	22.5	26.1	30.2	8.6	11.1	15.2	18.8	21.9		5.3	8.2	13.8	22.0	25.2		58.0
62.0				20.9	25.6	29.9			13.7	18.3	23.4	26.9	6.2	8.0	12.0	16.2	19.5	22.6		5.1	9.6	20.0	22.6		62.0
66.0					22.2	26.4				14.8	19.4	24.0			8.5	13.1	17.2	20.1			6.1	15.5	20.5	23.2	66.0
70.0						23.4					15.7	20.5				10.4	13.9	17.9				10.6	18.8	21.0	70.0
74.0												16.6					11.1	14.7				6.6	17.0	19.2	74.0
78.0												13.3					8.6	11.8					11.3	17.7	78.0
82.0																		9.2					6.6	16.4	82.0
86.0																								11.2	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	27.1				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	26.0				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	24.1				10.5	15.9	17.1				7.7	14.5	16.9				4.4	11.7	12.8				46.0
50.0	9.2	14.0	21.7	24.7			6.0	11.1	15.6	17.6				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	22.5				6.5	14.2	16.0					13.1	15.9					10.2				54.0
58.0		5.6	11.8	20.0	23.3				9.4	14.6					7.4	14.6					4.9	9.5			58.0
62.0			7.5	17.9	20.7				4.9	13.4	15.0					13.5						8.5			62.0
66.0				14.6	18.5					12.3	13.7					12.4	13.0					7.6			66.0
70.0				9.4	16.7	19.1				7.8	12.6					6.6	12.0					4.9	7.9		70.0
74.0				5.2	15.1	17.2					11.6	12.5					11.0						7.0		74.0
78.0					11.3	15.5					10.7	11.5					10.2	11.3					6.2	7.2	78.0
82.0					6.3	14.1					5.5	10.6					5.0	10.4						6.4	82.0
86.0						12.7						9.8						9.7						5.7	86.0
90.0						6.9						7.4						8.3						5.1	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	83.1	95.3					73.9	83.1					64.9						56.7						17.0
18.0	80.2	92.5					71.7	81.2					63.3						55.6						18.0
19.0	77.3	89.4					69.5	79.3					61.8	69.1					54.5						19.0
20.0	74.4	85.3	101.1				67.3	77.2					60.1	67.7					53.3						20.0
22.0	69.0	78.0	91.4				63.1	72.8	86.2				56.8	64.8					50.9	57.0					22.0
24.0	63.8	71.8	83.2				58.8	68.4	82.4				53.6	61.6	72.1				48.5	54.9					24.0
26.0	51.9	66.4	76.3				54.9	64.1	75.6				50.5	58.4	69.6				46.0	52.5	60.8				26.0
28.0	39.9	55.6	70.4	86.1			51.1	60.0	69.7				47.4	55.1	66.6				43.6	50.1	59.0				28.0
30.0		43.2	65.3	79.5			47.7	55.7	64.6				44.6	52.0	63.6				41.3	47.6	56.9				30.0
34.0			41.8	68.8			30.3	43.8	54.3	68.6			39.3	46.0	54.9	68.4			36.9	42.8	52.3				34.0
38.0				57.1	57.4				43.5	59.5	57.1		30.2	39.7	45.7	59.1			32.9	38.3	44.9	57.7			38.0
42.0					51.0					48.9	50.7			25.8	39.0	49.4	50.6		28.0	34.0	38.5	48.4			42.0
46.0						43.4				35.6	45.6	43.1			27.0	41.7	45.5		14.8	26.1	33.5	41.2	45.3		46.0
50.0						39.3					41.3	39.0				35.9	41.2	38.8			28.3	35.6	41.0		50.0
54.0												35.5					37.5	35.4				31.2	37.3	35.1	54.0
58.0																		32.4					32.9	32.1	58.0
62.0																		29.9					29.1	29.6	62.0
66.0																								27.3	66.0
Reeves	8						6						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	44.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	43.0	50.1				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	39.3	46.8				31.3	35.6	40.2				28.0	30.5	34.1				25.2	28.0					34.0
38.0	30.8	35.7	41.5	49.8			28.6	31.8	35.4				25.0	26.9	30.0				23.5	26.4	30.1				38.0
42.0	27.7	31.6	35.8	43.9			26.0	28.2	31.3	37.4			22.1	23.8	26.5				21.8	24.7	28.7				42.0
46.0	24.5	27.7	31.1	38.2			22.1	25.1	27.8	33.0			19.4	21.1	23.4	28.0			16.3	22.3	26.8	31.4			46.0
50.0	16.8	24.2	27.3	33.0	40.5		17.7	21.7	24.8	29.3	34.8		15.0	18.7	20.8	24.7			11.8	16.6	24.0	28.3			50.0
54.0		13.5	24.2	28.9	35.0		14.1	17.1	21.8	26.1	30.8		11.3	14.8	18.4	21.9	26.0		8.1	11.9	19.8	25.2			54.0
58.0				25.5	30.5	31.7		13.4	17.7	23.3	27.4		8.3	11.0	15.7	19.4	23.0		5.0	8.1	14.3	22.6	26.4		58.0
62.0				22.2	26.9	29.1			14.0	19.5	24.4	28.6	5.8	7.9	12.3	17.2	20.4			4.9	9.9	20.5	23.6		62.0
66.0					23.9	26.9				15.7	21.2	25.5			8.7	14.0	18.2	21.4			6.2	17.0	21.3		66.0
70.0						25.0					17.2	22.8				11.1	15.3	19.0				11.6	19.5	22.2	70.0
74.0						21.3					13.8	18.7				8.6	12.3	16.5				7.3	17.9	20.1	74.0
78.0												15.1					9.6	13.3					13.3	18.5	78.0
82.0																		10.6					8.1	17.1	82.0
86.0																		8.2						14.5	86.0
90.0																								8.3	90.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	26.0				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	25.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	23.8				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	22.4	25.3			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	18.0	23.3				6.4	14.4	16.5					13.9	16.3					9.4				54.0
58.0		5.5	12.3	21.0					9.9	15.0					7.9	15.0					5.4	9.9			58.0
62.0			7.8	18.8	22.1				5.2	13.7	15.6					13.8						8.8			62.0
66.0				16.2	19.7					12.6	14.2					12.7	14.2					7.9			66.0
70.0				10.5	17.7	20.7				9.0	13.0					7.8	13.1					6.2	8.3		70.0
74.0				6.0	16.0	18.5					12.0	13.1					12.1						7.4		74.0
78.0					13.5	16.7					11.0	12.0					11.2	11.8					6.5		78.0
82.0					7.9	15.1					7.2	11.1					7.0	10.9					5.8	6.9	82.0
86.0						13.7						10.2						10.1						6.1	86.0
90.0						9.6						9.5						9.4						5.4	90.0
94.0																		5.1							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	81.0					68.3						59.2						52.0						17.0
18.0	68.3	77.2					66.3	75.2					57.8						51.1						18.0
19.0	65.5	73.7					64.3	73.5					56.3						50.1						19.0
20.0	62.9	70.4					62.4	70.4					55.0	62.0					49.1						20.0
22.0	58.0	64.6	77.2				58.1	64.6					52.1	59.4					46.9	52.6					22.0
24.0	53.9	59.6	70.3				54.0	59.6	70.3				49.1	56.5					44.6	50.7					24.0
26.0	50.2	55.2	64.5				50.3	55.3	64.5				46.4	53.7	63.9				42.4	48.6					26.0
28.0	41.3	51.4	59.4				47.1	51.5	59.5				43.7	50.9	59.1				40.3	46.4	54.7				28.0
30.0		45.9	55.0	71.7			44.2	48.1	55.1				41.2	47.9	54.8				38.1	44.2	52.9				30.0
34.0			46.7	60.1			31.1	42.1	47.7	60.2			36.5	42.2	47.6	59.9			34.2	39.8	47.4				34.0
38.0				51.4	56.2				41.8	51.7			30.0	37.5	42.0	51.5			30.6	35.8	41.7	51.2			38.0
42.0					50.0					45.0	49.8			27.1	37.3	45.0			26.9	32.0	37.1	44.7			42.0
46.0					44.9	42.2				39.5	44.7				30.5	39.8	44.2		15.7	26.6	33.3	39.5	44.0		46.0
50.0						38.1					40.4	37.9				35.4	40.0				29.9	35.3	39.8		50.0
54.0												34.5					36.5	34.0				31.7	36.2		54.0
58.0												31.6					33.3	31.1				28.5	33.2	30.9	58.0
62.0																		28.7					29.9	28.4	62.0
66.0																								26.2	66.0
70.0																								24.3	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	40.0	46.6				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	36.6	43.9				29.1	33.3	38.9				26.3	29.8	34.1				23.6	26.4					34.0
38.0	28.7	33.3	40.6				26.6	30.6	36.1				24.3	27.2	30.6				21.9	24.8	28.5				38.0
42.0	25.8	30.1	36.6	44.5			24.2	28.1	31.9	38.8			22.2	24.0	27.0				20.3	23.2	27.2				42.0
46.0	23.1	27.2	31.8	39.3			22.1	25.3	28.3	34.2			19.5	21.2	23.9	29.0			16.2	21.6	25.8				46.0
50.0	17.1	23.9	27.8	34.4	39.8		17.6	22.1	25.2	30.3			14.9	18.9	21.1	25.6			11.6	16.8	24.2	29.4			50.0
54.0		14.9	24.7	30.0	36.2		13.9	17.3	22.6	26.9	32.4		11.1	14.9	18.8	22.6			7.9	12.0	20.8	26.0			54.0
58.0			17.3	26.4	32.3			13.5	18.4	24.0	28.7		8.0	11.0	16.3	20.1	24.2		4.7	8.0	14.9	23.3	27.8		58.0
62.0				23.5	28.3	28.3			14.5	20.7	25.6	27.7	5.5	7.8	12.7	17.9	21.4			4.8	10.3	21.1	24.7		62.0
66.0					25.0	26.1				16.8	22.9	25.6		5.1	8.9	14.9	19.0	22.8			6.4	18.8	22.2		66.0
70.0					21.5	24.2				13.4	18.8	23.7				11.9	16.7	20.2				12.9	20.2	20.7	70.0
74.0						22.5					15.2	20.9				9.3	13.5	18.0				8.2	18.5	19.1	74.0
78.0												16.9					10.7	15.0					15.7	17.6	78.0
82.0												13.6					8.2	12.0					9.9	16.3	82.0
86.0																		9.4					5.2	15.1	86.0
90.0																								11.3	90.0
94.0																								5.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	24.7				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	23.8				15.9	17.7	19.5				13.0	15.9	17.7				9.7	13.3					42.0
46.0	13.4	19.4	22.7				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	21.6	25.3			5.5	11.4	16.0					8.9	15.9					5.9	10.8				50.0
54.0	5.0	9.4	19.0	23.8				6.5	14.6	16.9					14.6						9.6				54.0
58.0		5.4	13.0	21.8					10.5	15.4					8.5	15.3					6.0	10.3			58.0
62.0			8.1	19.7	23.0				5.6	14.1						14.1						9.1			62.0
66.0				17.7	20.8					12.9	14.8					13.0						8.1			66.0
70.0				11.9	18.9					10.4	13.5					9.3	12.8					7.2	8.7		70.0
74.0				6.9	17.0	16.6				5.2	12.4						11.8						7.7		74.0
78.0					15.3	15.3					11.4	11.8					10.9						6.9		78.0
82.0					9.9	14.0					9.4	10.6					9.4	8.8					6.1		82.0
86.0					4.9	13.0						9.6						7.9							86.0
90.0						12.0						8.7						7.1							90.0
94.0						6.8						7.3						6.3							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	64.8				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	58.9				43.8	48.9	58.8				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	53.8				40.8	45.3	53.7				40.7	45.1	53.6				39.9	44.5					26.0
28.0	37.9	42.0	49.5				38.1	42.1	49.4				38.0	41.9	49.3				37.6	41.4	48.6				28.0
30.0		39.1	45.7	61.6			35.7	39.2	45.7				35.6	39.1	45.5				35.2	38.6	44.9				30.0
34.0			39.1	51.2			30.7	34.2	39.4	51.2			31.4	34.2	39.3				31.1	33.9	38.9				34.0
38.0				43.5					34.4	43.6			27.9	30.3	34.4	43.6			27.8	30.1	34.1	43.0			38.0
42.0				37.3	48.4					37.8	48.3			26.9	30.4	37.7			25.0	26.9	30.2	37.3			42.0
46.0					41.2					33.0	41.4				27.0	33.1	41.3		16.6	24.2	27.0	32.8			46.0
50.0						36.9					35.9					29.3	35.9				24.2	29.1	35.6		50.0
54.0						33.6					31.4	33.0				25.9	31.6	32.9				26.0	31.3		54.0
58.0												30.2					28.0	30.1				23.3	27.8	29.5	58.0
62.0																		27.7					24.9	27.1	62.0
66.0																		25.6					22.3	25.0	66.0
70.0																								23.2	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	43.3				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.7	38.6				26.9	30.8	36.1				24.6	27.9	31.9				22.0	24.7					34.0
38.0	26.7	29.9	33.9				24.6	28.5	33.5				22.7	26.0	30.6				20.5	23.3	26.9				38.0
42.0	24.3	26.7	30.0	37.1			22.5	26.1	29.6				20.9	24.1	27.5				19.1	21.8	25.7				42.0
46.0	21.9	24.0	26.8	32.6			20.6	23.6	26.4	32.2			19.2	21.4	24.3	30.1			16.3	20.3	24.4				46.0
50.0	17.3	21.6	24.0	28.9			17.7	21.2	23.7	28.5			14.9	19.0	21.5	26.5			11.5	17.2	22.9	28.0			50.0
54.0		16.1	21.6	25.8	31.1		13.9	17.7	21.3	25.5	30.7		11.0	15.2	19.1	23.4			7.7	12.2	21.3	26.8			54.0
58.0			19.4	23.2	27.6		8.3	13.6	19.0	22.8	27.3		7.8	11.1	16.8	20.8	25.5		4.5	8.1	15.8	23.9			58.0
62.0				20.9	24.7	27.0			15.1	20.5	24.3		5.2	7.8	13.3	18.4	22.5			4.7	10.8	21.4	20.7		62.0
66.0					22.2	24.9				17.9	21.8	24.3		5.0	9.3	15.8	20.0				6.7	19.3	18.9		66.0
70.0					20.0	23.1				14.3	19.7	22.5			5.9	12.7	17.8	21.6				14.5	17.3		70.0
74.0						21.1					16.6	20.7				10.0	14.8	19.1				9.3	15.8	14.8	74.0
78.0						19.0					13.3	18.7					11.8	16.8				5.1	14.5	13.5	78.0
82.0												15.3					9.2	13.6					12.2	12.3	82.0
86.0																		10.8					6.9	11.2	86.0
90.0																		8.4						10.3	90.0
94.0																								8.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	23.4				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	22.5				15.3	17.2	19.6				13.0	15.1	16.9				9.7	12.0					42.0
46.0	13.4	18.3	21.6				10.0	16.2	17.9				7.1	14.3	16.3					11.0	12.3				46.0
50.0	8.6	14.7	20.5				5.3	11.7	16.3					9.1	15.7					6.1	11.0				50.0
54.0	4.8	9.6	19.3	23.5				6.5	14.8	17.4					14.8						9.8				54.0
58.0		5.4	13.8	22.1					11.3	15.8					9.2	15.7					6.7	10.6			58.0
62.0			8.6	19.6					6.0	14.4						14.4						9.5			62.0
66.0			4.5	17.6	16.6					13.2	13.4					13.3						8.4			66.0
70.0				13.6	15.1					12.1	12.0					11.2	10.3					7.5			70.0
74.0				8.1	13.8					6.3	10.6					5.0	9.1						6.3		74.0
78.0					12.6	11.0					9.4	8.1					8.1						5.3		78.0
82.0					11.5	10.0					8.4	7.1					7.1								82.0
86.0					6.7	9.0					5.9	6.2					5.6								86.0
90.0						8.2																			90.0
94.0						7.4																			94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 100 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	49.5				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	45.1				33.2	37.2	45.0				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	41.4				31.0	34.5	41.3				30.8	34.4	41.1				30.5	34.1					28.0
30.0		32.1	38.1				29.0	32.1	38.1				28.9	32.0	37.9				28.5	31.7	37.6				30.0
34.0			32.5	43.9			25.2	27.9	32.7	43.8			25.3	27.9	32.6				25.0	27.6	32.3				34.0
38.0				37.1				24.3	28.4	37.1			22.3	24.6	28.4	37.0			22.1	24.3	28.1				38.0
42.0				31.7	42.3				24.8	31.9				21.7	25.0	31.8			19.6	21.5	24.7	31.5			42.0
46.0					35.8					27.7	35.8				22.0	27.7			16.8	19.1	21.8	27.5			46.0
50.0					30.6	35.7					30.8					24.4	30.8				19.3	24.1	30.5		50.0
54.0						32.5					26.8	31.9				21.5	26.9				17.1	21.3	26.6		54.0
58.0						29.1						29.2					23.6	28.7				18.9	23.4		58.0
62.0												25.7					20.8	25.8					20.6	25.4	62.0
66.0																		22.7					18.3	22.4	66.0
70.0																								19.8	70.0
74.0																								17.6	74.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	31.7				24.3	26.9	31.4				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	27.7				21.5	23.6	27.4				21.0	23.3	27.0				19.2	21.9	25.2				38.0
42.0	19.5	21.3	24.4	31.0			19.1	20.9	24.0				18.8	20.6	23.7				17.8	20.5	24.2				42.0
46.0	17.5	19.0	21.6	27.1			17.1	18.6	21.2	26.7			16.8	18.3	20.9				16.5	19.1	23.0				46.0
50.0	15.7	17.0	19.2	23.9			15.3	16.7	18.9	23.4			15.0	16.3	18.5	23.1			11.5	17.8	20.8	24.2			50.0
54.0		15.2	17.2	21.1	26.2		13.8	14.9	16.9	20.7			11.0	14.6	16.5	20.4			7.5	12.5	18.6	21.8			54.0
58.0			15.4	18.8	23.1		8.9	13.4	15.1	18.4	22.7		7.7	11.3	14.8	18.1				8.2	16.6	19.7			58.0
62.0				16.8	20.5				13.6	16.5	20.1		5.0	7.8	13.3	16.1	19.7			4.7	11.5	17.8	16.5		62.0
66.0				15.1	18.2	22.2				14.8	17.9			4.9	9.7	14.5	17.5				7.1	16.1	14.8		66.0
70.0					16.3	19.7				13.3	16.0	19.3			6.2	13.0	15.6	18.9				14.6	13.4		70.0
74.0					14.6	17.5					14.3	17.1				10.8	14.0	16.8				10.7	12.1	11.0	74.0
78.0						15.7					12.8	15.3				7.5	12.6	15.0				6.1	10.9	9.8	78.0
82.0												13.7					10.3	13.4					9.9	8.8	82.0
86.0												12.3						12.1					9.0	7.8	86.0
90.0																		9.6						7.0	90.0
94.0																								6.3	94.0
98.0																								5.6	98.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	21.3				14.4	16.3	18.6				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	20.4				10.0	15.4	17.9				7.0	12.4	15.0					9.8	12.0				46.0
50.0	8.6	15.3	19.5				5.1	12.1	16.5					9.5	14.3					6.4	11.4				50.0
54.0	4.6	9.8	17.6	19.8				6.7	15.0						13.5						10.7				54.0
58.0		5.5	14.9	17.8					12.3	14.3					10.2	13.2					7.7				58.0
62.0			9.3	16.1					6.6	12.6					4.4	11.7						8.4			62.0
66.0			4.9	14.5	12.5					11.1						10.3						7.1			66.0
70.0				13.1	11.2					9.7	8.4					9.0						6.0			70.0
74.0				9.6	10.0					7.8	7.2					6.6									74.0
78.0				4.7	8.9	7.4					6.2														78.0
82.0					7.9	6.4																			82.0
86.0					7.1																				86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

36.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0		120.0																							14.0
15.0		118.5					105.8	110.5					92.7												15.0
16.0		114.3					102.4	106.8					89.9						78.2						16.0
17.0	102.9	110.4	118.2				99.2	103.4					87.2	90.7					76.1						17.0
18.0	94.8	105.6	114.0				94.9	100.1					84.6	88.0					74.0						18.0
19.0	87.8	97.0	110.2				87.8	97.0	103.2				82.1	85.4					71.9	74.6					19.0
20.0	81.7	89.7	105.0				81.7	89.8	99.9				79.8	82.9					69.5	72.5					20.0
22.0	70.0	77.8	89.3	110.9			71.6	77.9	89.3				72.2	78.2	82.7				65.1	68.0					22.0
24.0	56.1	66.7	77.5	98.0			63.7	68.6	77.5	97.4			64.1	69.2	78.1				61.0	63.6	67.8				24.0
26.0	44.2	53.2	68.4	84.1			57.2	61.2	68.4	84.2			57.6	61.7	68.9				56.8	59.6	63.5				26.0
28.0		41.3	55.1	73.5	91.4		50.6	55.2	61.0	73.5			52.2	55.6	61.5	74.2			51.8	54.9	59.4				28.0
30.0			42.6	65.2	79.1		41.7	48.8	55.0	65.2	79.2		47.6	50.5	55.4	65.7			47.6	50.2	54.8	61.8			30.0
34.0					62.1	74.2		31.6	41.5	52.9	62.1		38.1	42.5	46.0	53.2	62.5		40.4	42.5	46.1	52.8			34.0
38.0						59.0				41.0	50.8	58.9	26.3	31.0	38.6	44.5	51.0	59.3	34.5	36.5	39.2	44.5	50.8		38.0
42.0											39.9	48.6			26.1	38.1	42.9	48.8	25.5	29.2	34.0	38.0	42.9	48.8	42.0
46.0																	36.9	41.3		16.3	25.9	33.1	36.8	41.3	46.0
50.0																		35.7				26.1	32.1	35.6	50.0
54.0																							25.9	31.2	54.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	63.8																								18.0
19.0	61.9						52.6																		19.0
20.0	59.9						51.0																		20.0
22.0	56.2	58.6					47.9	49.9					40.6						39.1						22.0
24.0	52.7	54.9					45.0	46.9					38.1	39.7					38.3						24.0
26.0	49.4	51.5	54.8				42.2	44.0					35.8	37.3					37.3	39.2					26.0
28.0	46.4	48.3	51.4				39.6	41.3	43.9				33.6	35.0					36.0	37.2					28.0
30.0	43.6	45.4	48.2				37.2	38.7	41.2				31.6	32.9	35.0				34.3	35.4					30.0
34.0	37.7	39.6	42.6	47.0			32.9	34.2	36.3	40.2			27.9	29.0	30.8				30.8	32.2	33.7				34.0
38.0	32.7	34.2	36.7	41.4			29.2	30.4	32.2	35.4			24.7	25.7	27.2	30.1			25.4	29.0	30.7				38.0
42.0	28.7	29.9	31.9	35.6	40.0		26.1	27.0	28.6	31.4	34.5		21.9	22.7	24.1	26.6			21.0	23.9	27.4	30.2			42.0
46.0	24.0	26.5	28.1	31.1	34.5	38.6	23.0	24.2	25.5	27.9	30.6		19.5	20.2	21.4	23.5	25.9		17.4	19.9	24.1	26.7			46.0
50.0	11.9	19.0	24.7	27.4	30.2	33.4	18.9	20.5	22.5	25.0	27.3	29.8	16.3	18.0	19.1	20.9	22.9		13.3	16.4	20.1	23.9	26.1		50.0
54.0				24.4	26.7	29.3	13.4	16.6	18.4	21.6	24.4	26.5	12.9	14.7	16.3	18.6	20.4	22.3	9.9	12.4	16.7	21.7	23.4		54.0
58.0					23.6	26.0			14.9	17.7	20.7	23.8	10.2	11.8	13.2	15.6	18.2	19.8	7.0	9.0	12.8	18.9	21.2	22.8	58.0
62.0						22.5				14.2	16.9	19.7		9.2	10.4	12.6	14.9	17.4	4.7	6.3	9.2	15.5	19.4	20.8	62.0
66.0											13.6	16.0				9.9	12.0	14.2			6.3	11.7	16.9	19.0	66.0
70.0																	9.4	11.3				8.0	13.4	17.4	70.0
74.0																		8.8				4.9	10.0	14.3	74.0
78.0																								10.9	78.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	32.4																								24.0
26.0	31.7						24.7																		26.0
28.0	31.0	32.5					23.3						22.1												28.0
30.0	30.2	31.2					22.1	22.9					21.4						17.0						30.0
34.0	26.2	28.4	29.7				19.9	20.6					19.5	20.1					15.2	15.7					34.0
38.0	21.2	24.6	27.1				18.0	18.6	19.5				16.0	18.3	19.1				13.6	14.1					38.0
42.0	17.2	20.0	24.2	26.6			16.4	16.9	17.7				12.3	15.2	17.5				11.2	12.6	11.9				42.0
46.0	13.9	16.2	20.3	23.5			11.7	15.4	16.1	17.4			9.0	11.7	15.9					11.3	10.6				46.0
50.0	10.6	13.2	16.5	20.9			7.5	11.3	14.7	15.8				8.8	12.2	15.7				6.1	9.5	10.4			50.0
54.0	7.1	9.9	13.4	18.7	20.3			7.1	13.1	14.5	15.5			4.6	9.2	14.5					8.4	9.3			54.0
58.0		6.5	10.8	15.5	18.2				8.4	13.3	14.2				6.3	11.5	13.2					8.3			58.0
62.0			7.1	12.3	16.4	17.7			4.6	12.2	13.0	13.9				8.5	12.2					7.4	8.1		62.0
66.0				9.6	13.7	16.0				9.0	12.0	12.8				5.9	10.5	12.0				6.1	7.2		66.0
70.0				6.7	10.6	14.5				4.8	11.1	11.8					7.6	11.1					6.4	7.0	70.0
74.0					8.0	11.8					9.1	10.9					5.1	9.4					5.6	6.3	74.0
78.0					5.6	8.9					4.6	10.1						6.6						5.6	78.0
82.0						6.3						7.8												4.9	82.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

42.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0							113.9																		13.0
14.0	118.6	120.0					110.0																		14.0
15.0	114.3	120.0					106.4						93.1												15.0
16.0	110.5	116.4					102.9	108.2					90.3						78.5						16.0
17.0	103.9	112.4	120.0				99.7	104.6					87.6	91.7					76.3						17.0
18.0	95.5	108.6	117.5				96.3	101.3					85.0	88.9					74.2						18.0
19.0	88.4	99.6	113.4				89.1	98.1	105.5				82.5	86.3					72.2	75.3					19.0
20.0	82.2	91.9	109.6				82.8	92.6	102.1				80.1	83.7					69.9	73.2					20.0
22.0	72.0	79.4	93.7				72.5	80.0	94.4				73.1	79.0	84.4				65.4	68.8					22.0
24.0	58.2	69.8	80.8	108.1			64.3	70.3	81.4				64.8	70.8	79.5				61.2	64.3	69.3				24.0
26.0	45.9	56.5	70.9	91.5			57.7	62.5	71.3	92.2			58.1	63.0	71.9				57.2	60.2	64.9				26.0
28.0		44.2	60.7	79.1	96.9		52.3	56.2	63.4	79.7			52.6	56.6	63.9	78.9			52.2	55.9	60.7				28.0
30.0			47.7	69.6	88.9		44.8	51.1	57.0	70.0			47.9	51.3	57.3	70.6			47.9	51.1	56.5				30.0
34.0				49.2	68.1	75.8		35.0	47.2	56.1	68.5		40.6	43.1	47.4	56.5	69.0		40.6	43.1	47.4	55.8			34.0
38.0					50.1	66.2				46.6	55.1	66.1	28.3	34.0	40.2	46.8	55.4		35.0	36.9	40.2	46.9	54.9		38.0
42.0						50.1					45.9	53.8			29.9	39.8	46.1	54.2	27.4	31.9	34.7	39.8	46.1		42.0
46.0												45.0				31.4	39.3	45.2		17.2	29.1	34.4	39.2	45.2	46.0
50.0																	32.6	38.6				30.2	33.9	38.5	50.0
54.0																							29.9	33.4	54.0
58.0																								29.5	58.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.1																								18.0
19.0	62.1						52.8																		19.0
20.0	60.2						51.2																		20.0
22.0	56.4	59.2					48.1						40.7												22.0
24.0	52.9	55.5					45.1	47.3					38.3	40.1					36.8						24.0
26.0	49.6	52.1	56.0				42.4	44.4					35.9	37.7					35.9	38.0					26.0
28.0	46.6	48.8	52.5				39.7	41.7	44.8				33.7	35.4					35.0	37.2					28.0
30.0	43.7	45.8	49.2				37.3	39.1	42.0				31.7	33.2	35.7				34.1	35.7					30.0
34.0	37.9	40.2	43.4	48.8			33.0	34.6	37.1				28.0	29.3	31.5				31.4	32.4	34.2				34.0
38.0	32.9	34.6	37.6	43.1			29.3	30.6	32.8	36.7			24.7	25.9	27.8	31.2			26.9	29.5	31.2				38.0
42.0	28.8	30.3	32.6	37.2	42.6		26.1	27.3	29.1	32.5			21.9	22.9	24.6	27.5			22.3	25.8	27.9	31.0			42.0
46.0	25.5	26.7	28.6	32.3	36.7		22.7	24.4	25.9	28.8	32.1		19.5	20.4	21.8	24.3	27.2		17.1	21.4	24.9	27.7			46.0
50.0	13.8	21.5	25.4	28.4	31.9	36.1	18.6	20.8	23.3	25.7	28.5		15.9	18.2	19.4	21.6	24.1		12.9	16.3	22.0	24.7	27.4		50.0
54.0			18.4	25.2	28.0	31.4	14.9	16.9	19.0	23.0	25.5	28.2	12.5	14.9	16.8	19.2	21.4	23.8	9.4	12.2	17.4	22.3	24.5		54.0
58.0				21.2	24.9	27.7		9.4	15.4	18.8	22.5	25.2	9.7	11.6	13.6	16.6	19.0	21.1	6.5	8.7	12.9	20.3	22.1	24.2	58.0
62.0					21.0	24.6				15.2	18.4	22.0	5.9	8.8	10.9	13.4	16.3	18.8		5.9	9.2	17.3	20.1	21.8	62.0
66.0											14.9	18.0			8.4	10.7	13.2	15.9			6.1	12.4	18.5	19.9	66.0
70.0												14.5				8.3	10.4	12.8				8.5	16.5	18.3	70.0
74.0																		10.1				5.1	11.3	16.9	74.0
78.0																							7.0	14.1	78.0
82.0																								9.1	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	30.6																								24.0
26.0	30.0						24.8																		26.0
28.0	29.3	30.9					23.4						21.4												28.0
30.0	28.6	30.3					22.2	23.1					21.0						17.0						30.0
34.0	27.1	28.6	30.2				20.0	20.8					19.5	20.2					15.2	15.9					34.0
38.0	22.9	26.1	27.5				18.1	18.8	19.9				17.8	18.4	19.4				13.6	14.2					38.0
42.0	18.6	22.0	25.1				16.4	17.0	18.0				13.8	16.8	17.7				10.8	12.7	12.2				42.0
46.0	14.4	17.9	22.2	24.7			11.4	15.5	16.3	17.9			8.6	13.4	16.2					11.4	10.9				46.0
50.0	10.2	14.0	18.6	21.9			7.1	11.2	14.9	16.2				8.7	14.5	16.1				5.9	9.7				50.0
54.0	6.7	9.7	15.2	19.5	21.6			6.9	13.4	14.8					11.2	14.8					8.6	9.6			54.0
58.0		6.2	10.9	17.5	19.3				8.5	13.6	14.7				6.5	13.6	14.7					8.6			58.0
62.0			7.1	14.8	17.3	19.1			4.6	12.5	13.5					11.2	13.5					7.6	8.5		62.0
66.0				11.3	15.6	17.1				9.8	12.4	12.8				8.1	12.2					6.8	7.6		66.0
70.0				7.1	13.8	15.4				5.4	11.4	11.8					10.7	11.6					6.7		70.0
74.0					10.4	14.0					10.5	10.8					7.5	10.7					6.0	6.7	74.0
78.0					6.7	12.0					5.8	10.0					4.8	9.6						5.9	78.0
82.0						8.7						9.3						6.7						5.3	82.0
86.0						5.4						5.5												4.7	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

48.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	120.0																								13.0
14.0	119.4	120.0					110.6																		14.0
15.0	115.1	120.0					106.9						93.6												15.0
16.0	111.1	118.1					103.4	109.5					90.7												16.0
17.0	105.7	113.9					100.2	105.9					88.0						76.6						17.0
18.0	97.0	110.1	120.0				97.0	102.5					85.3	89.9					74.5						18.0
19.0	89.7	103.1	116.2				90.4	99.2					82.8	87.2					72.4						19.0
20.0	83.3	94.8	112.2				83.9	95.6	104.4				80.4	84.6					70.2	73.9					20.0
22.0	72.8	81.6	99.3				73.3	82.2	97.9				73.9	79.8	86.1				65.7	69.6					22.0
24.0	60.0	71.5	84.9	113.0			64.9	72.0	85.6				65.5	72.6	81.1				61.5	65.1	70.9				24.0
26.0	47.5	59.8	74.1	101.1			58.2	63.9	74.6				58.6	64.4	75.3				57.6	60.9	66.3				26.0
28.0		47.1	65.6	86.3			52.6	57.3	66.0	87.0			53.0	57.7	66.5				52.6	56.9	62.1				28.0
30.0			52.7	75.1	88.1		46.3	51.9	59.0	75.7			48.3	52.2	59.5	76.4			48.2	51.9	58.1				30.0
34.0				58.1	75.8			37.6	48.6	59.7	75.7		40.8	43.7	48.9	60.2			40.8	43.8	48.8	58.6			34.0
38.0					59.9	65.3			32.5	49.1	60.2		30.0	36.8	41.3	49.4	60.6		35.2	37.4	41.3	49.3			38.0
42.0						58.2				36.4	49.4	57.6			33.6	41.6	49.7		29.0	32.5	35.5	41.7	49.6		42.0
46.0											40.1	49.5				35.9	41.9	49.7		23.0	31.1	35.8	41.9	49.6	46.0
50.0												41.9					36.1	41.9				31.3	36.0	41.9	50.0
54.0																		36.1					31.4	36.0	54.0
58.0																								31.5	58.0
62.0																								27.9	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	64.3																								18.0
19.0	62.4																								19.0
20.0	60.4						51.4																		20.0
22.0	56.7	59.9					48.3						40.8												22.0
24.0	53.1	56.2					45.3	47.8					38.4						34.3						24.0
26.0	49.8	52.6	57.2				42.5	44.9					36.1	38.0					33.5						26.0
28.0	46.7	49.4	53.6				39.9	42.1	45.7				33.9	35.7					32.6	35.0					28.0
30.0	43.9	46.3	50.3				37.4	39.5	42.9				31.8	33.5	36.4				31.7	34.2					30.0
34.0	38.1	40.8	44.3	50.6			33.1	34.9	37.8				28.0	29.6	32.1				29.8	32.4	34.8				34.0
38.0	33.0	35.1	38.5	44.6			29.4	30.9	33.4	38.1			24.8	26.1	28.3				27.7	29.8	31.6				38.0
42.0	28.9	30.6	33.3	38.9	44.8		26.2	27.5	29.6	33.6			22.0	23.1	25.0	28.5			22.1	26.4	28.5	31.8			42.0
46.0	25.3	27.0	29.2	33.6	39.1		22.5	24.6	26.4	29.8	33.8		19.5	20.5	22.2	25.2			16.8	21.6	25.3	28.7			46.0
50.0	15.3	23.3	25.8	29.4	33.8	39.1	18.3	21.2	23.6	26.6	29.9		15.6	18.3	19.7	22.3	25.3		12.5	16.3	22.8	25.5			50.0
54.0			22.0	26.0	29.5	33.8	14.9	17.1	19.7	23.8	26.7	30.0	12.1	14.8	17.4	19.8	22.4		9.0	12.0	17.8	22.9	25.6		54.0
58.0				22.7	26.1	29.6		11.5	16.0	19.9	23.9	26.7	9.3	11.3	14.1	17.6	19.9	22.5	6.1	8.5	13.1	20.8	23.0		58.0
62.0					22.9	26.2				16.2	20.1	23.9	7.0	8.5	11.3	14.3	17.7	20.0		5.6	9.2	18.5	20.9	23.0	62.0
66.0						22.9					16.3	20.1			8.5	11.4	14.4	17.7			6.0	13.3	19.1	20.9	66.0
70.0												16.3				8.9	11.5	14.4				9.0	17.6	19.1	70.0
74.0																	9.0	11.6				5.5	12.9	17.6	74.0
78.0																		9.0					8.2	16.4	78.0
82.0																								11.5	82.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	34.2																								24.0
26.0	29.0						24.4																		26.0
28.0	28.4	30.0					23.5						21.0												28.0
30.0	27.7	29.5					22.3	23.4					20.5						16.9						30.0
34.0	26.3	28.3					20.1	21.0					19.6	20.4					15.3	16.0					34.0
38.0	24.3	26.3	27.9				18.1	18.9	20.2				17.9	18.6					13.7	14.3					38.0
42.0	19.4	23.6	25.5				16.4	17.2	18.3				13.6	17.0	18.0				10.5	12.8	13.8				42.0
46.0	14.1	19.3	22.9	25.6			11.0	15.6	16.6				8.3	14.2	16.4					11.5	12.3				46.0
50.0	9.8	13.9	20.4	23.0			6.7	11.1	15.1	16.7				8.7	15.1	16.5				5.8	11.1				50.0
54.0	6.2	9.6	16.0	20.4	23.1			6.7	13.8	15.2					11.9	15.2					9.6	10.0			54.0
58.0		6.0	11.1	18.3	20.5				8.7	13.9	15.3				6.7	14.0						8.9			58.0
62.0			7.1	16.5	18.3				4.6	12.8	14.0					12.9	13.1					7.9			62.0
66.0				12.2	16.5	18.4				10.8	12.8					9.7	12.1					7.0	8.0		66.0
70.0				7.8	14.9	16.5				6.0	11.8	12.4				4.6	11.1	12.1					7.1		70.0
74.0					12.9	14.9					10.9	11.4					10.3	11.2					6.3	7.1	74.0
78.0					7.9	13.6					7.2	10.5					6.8	10.3					5.6	6.4	78.0
82.0						12.0						9.7						9.3						5.6	82.0
86.0						7.4						7.8						6.6						5.0	86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

54.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
13.0	119.9																								13.0
14.0	119.9						106.7																		14.0
15.0	114.5	119.9					104.0						89.0												15.0
16.0	108.3	119.9					101.1						87.3												16.0
17.0	102.8	113.7					98.1	107.2					85.4						73.1						17.0
18.0	97.7	107.7					95.1	103.7					83.3	90.9					71.9						18.0
19.0	91.0	102.1	119.1				91.7	100.4					81.3	88.1					70.6						19.0
20.0	84.4	97.1	112.5				85.1	97.0					79.1	85.5					69.1	74.6					20.0
22.0	73.6	83.9	101.2				74.1	84.6	100.0				74.9	80.6					66.0	70.4					22.0
24.0	61.8	73.3	89.6				65.6	73.8	90.3				66.7	75.1	82.7				61.8	65.8					24.0
26.0	49.0	63.1	77.6	104.9			58.7	65.3	78.1				59.7	66.4	78.0				57.9	61.6	67.8				26.0
28.0	36.9	49.9	68.3	94.9			53.0	58.5	68.8	94.8			53.9	59.4	70.0				52.9	57.7	63.4				28.0
30.0		37.5	57.8	81.6			47.6	52.8	61.3	82.2			49.0	53.7	62.3				48.5	52.8	59.4				30.0
34.0				63.5	74.9			39.6	50.1	63.8			41.4	44.8	50.8	64.9			41.3	44.5	50.2	60.9			34.0
38.0					65.9	63.6			36.3	51.9	65.3		31.7	38.3	42.7	52.7	65.5		35.7	38.3	42.6	51.9			38.0
42.0					47.1	56.7				42.9	53.5	56.0			36.7	44.1	54.3		30.4	33.2	36.7	43.9	53.4		42.0
46.0						51.0					44.7	50.4				37.7	45.3	50.5		25.2	32.0	37.8	45.0		46.0
50.0												45.7					38.6	45.8			23.7	32.8	38.7	45.5	50.0
54.0																		39.4				29.0	33.5	39.4	54.0
58.0																		34.2					29.5	34.1	58.0
62.0																								30.0	62.0
Reeves	8						8						8						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	61.9																								18.0
19.0	61.0																								19.0
20.0	60.1						51.4																		20.0
22.0	56.9	60.5					48.4						41.0												22.0
24.0	53.3	56.8					45.5	48.3					38.5						32.7						24.0
26.0	50.0	53.2					42.7	45.4					36.2	38.4					31.9						26.0
28.0	46.9	49.9	54.7				40.0	42.6					34.0	36.1					31.1	33.5					28.0
30.0	44.1	46.8	51.3				37.6	39.9	43.8				31.9	33.9					30.2	32.7					30.0
34.0	38.4	41.3	45.2				33.2	35.2	38.6				28.1	29.9	32.7				28.3	31.1	34.2				34.0
38.0	33.2	35.5	39.5	46.3			29.4	31.2	34.0	39.5			24.9	26.4	28.8				26.4	29.3	32.1				38.0
42.0	29.0	30.9	34.1	40.7			26.2	27.7	30.1	34.8			22.0	23.3	25.5	29.5			21.9	26.7	29.1				42.0
46.0	25.2	27.2	29.8	35.0	41.7		22.3	24.7	26.8	30.8			19.6	20.7	22.6	26.1			16.6	21.7	25.8	29.8			46.0
50.0	16.4	23.8	26.3	30.5	35.9		18.0	21.3	24.0	27.4	31.4		15.4	18.4	20.0	23.1	26.6		12.2	16.3	23.2	26.4			50.0
54.0			23.2	26.9	31.2	36.6	14.5	17.0	20.4	24.5	27.9		11.8	14.7	17.8	20.5	23.5		8.7	11.9	18.4	23.6	26.9		54.0
58.0				24.0	27.4	31.8		13.2	16.5	21.2	24.9	28.4	8.9	11.2	14.6	18.2	20.9		5.7	8.3	13.4	21.4	24.0		58.0
62.0					24.4	27.9				17.2	21.9	25.3	6.6	8.3	11.7	15.2	18.6	21.2		5.3	9.4	19.5	21.7	24.4	62.0
66.0						24.8				13.8	17.8	22.4			8.5	12.2	15.8	18.9			6.0	14.3	19.8	22.0	66.0
70.0						20.9					14.3	18.3				9.6	12.7	16.2				9.7	18.2	20.0	70.0
74.0												14.8					10.0	13.1				6.0	14.7	18.4	74.0
78.0																		10.4					9.6	17.0	78.0
82.0																							5.3	14.4	82.0
86.0																								8.5	86.0
Reeves	6						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
24.0	28.1																								24.0
26.0	27.6						23.8																		26.0
28.0	26.9						23.3						19.8												28.0
30.0	26.2	28.1					22.4						19.4						16.5						30.0
34.0	24.8	27.0					20.1	21.2					18.5	19.7					15.3	16.2					34.0
38.0	23.4	25.6	28.2				18.2	19.1	20.6				17.6	18.7					13.7	14.4					38.0
42.0	19.3	24.2	25.8				16.2	17.3	18.6				13.4	17.1	18.2				10.2	12.9	14.0				42.0
46.0	13.9	19.4	23.6	26.3			10.7	15.7	16.8				7.9	14.3	16.7					11.6	12.6				46.0
50.0	9.5	13.9	21.0	24.1			6.3	11.1	15.3	17.1				8.6	15.3					5.7	11.3				50.0
54.0	5.9	9.4	16.6	21.4				6.5	14.0	15.6					12.5	15.5					10.0	10.3			54.0
58.0		5.8	11.4	19.1	21.8				9.0	14.3					7.0	14.3					4.5	9.2			58.0
62.0			7.3	17.2	19.4				4.7	13.1	14.5					13.2	14.5					8.2			62.0
66.0				13.3	17.4	19.8				11.9	13.3					10.9	13.3					7.3	8.4		66.0
70.0				8.5	15.7	17.7				6.9	12.2	13.0				5.5	12.3						7.5		70.0
74.0				4.6	14.3	16.0					11.2	11.9					11.0	11.7					6.6		74.0
78.0					9.5	14.5					8.8	11.0					8.6	10.8					5.9	6.8	78.0
82.0					5.0	13.2						10.1						10.0						6.0	82.0
86.0						9.8						9.4						9.0						5.4	86.0
90.0						4.7						4.9						5.4						4.8	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

60.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	112.3						97.8																		14.0
15.0	106.3						95.3						82.2												15.0
16.0	100.9	112.9					92.8						80.7												16.0
17.0	95.9	106.9					90.2	100.9					78.9						68.0						17.0
18.0	91.4	101.4					87.4	98.6					77.1						66.8						18.0
19.0	87.2	96.4					84.7	95.9					75.2	83.5					65.6						19.0
20.0	83.4	91.8	107.6				82.0	91.3					73.2	81.9					64.3	70.4					20.0
22.0	74.5	83.7	97.0				75.6	83.2	96.5				69.3	78.3					61.6	68.3					22.0
24.0	63.5	75.2	88.2				66.8	76.3	87.7				65.4	74.5	84.3				58.6	65.7					24.0
26.0	50.4	66.4	80.8				59.7	67.3	80.2				60.2	68.0	79.5				55.7	62.3	69.3				26.0
28.0	38.4	52.7	71.3	93.4			53.9	60.1	72.3				54.3	60.7	73.1				52.9	58.4	64.8				28.0
30.0		40.3	63.2	85.3			48.8	54.2	64.2	84.7			49.4	54.7	64.8				48.8	53.7	60.7				30.0
34.0				68.1	73.4		30.9	41.7	52.1	69.1			41.6	45.5	52.5	69.8			41.5	45.2	51.8	63.3			34.0
38.0				48.3	64.5				39.9	55.4	64.2		32.5	38.8	43.9	55.9			35.9	38.7	43.7	54.8			38.0
42.0					57.5	55.2				46.0	57.2			25.0	37.6	46.3	57.1		30.6	33.6	37.6	46.0			42.0
46.0						49.6					48.4	49.2				39.4	48.8			26.9	32.7	39.4	48.3		46.0
50.0												44.6				32.8	41.2	44.4			27.2	34.1	41.1		50.0
54.0												40.8					35.6	40.6				30.0	35.6	40.3	54.0
58.0																		36.9					31.1	36.9	58.0
62.0																								32.1	62.0
66.0																								28.4	66.0
Reeves	8						8						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
18.0	57.8																								18.0
19.0	57.0																								19.0
20.0	56.1						48.3																		20.0
22.0	54.2	59.1					47.0						40.4												22.0
24.0	52.2	57.4					45.6	48.8					38.7						31.1						24.0
26.0	50.0	53.8					42.8	45.8					36.3	38.8					30.3						26.0
28.0	47.1	50.4	55.9				40.2	43.0					34.1	36.5					29.5	32.0					28.0
30.0	44.2	47.3	52.4				37.7	40.4	44.7				32.0	34.2					28.7	31.3					30.0
34.0	38.6	41.8	46.1				33.3	35.6	39.3				28.2	30.2	33.4				27.0	29.8	33.0				34.0
38.0	33.3	36.0	40.6	48.0			29.5	31.5	34.7				24.9	26.6	29.4				25.2	28.1	31.8				38.0
42.0	29.1	31.2	34.9	42.3			26.3	27.9	30.7	36.1			22.1	23.6	26.0	30.6			21.8	26.4	29.7				42.0
46.0	25.1	27.5	30.4	36.6	43.9		22.2	24.9	27.3	31.9			19.5	20.9	23.0	27.0			16.4	22.0	26.3	30.6			46.0
50.0	17.3	23.9	26.8	31.7	38.2		17.8	21.4	24.4	28.3	33.1		15.1	18.6	20.4	23.9			12.0	16.4	23.6	27.3			50.0
54.0			23.8	27.9	33.0	39.7	14.3	17.1	21.1	25.3	29.3		11.5	14.7	18.1	21.2	24.8		8.4	11.9	19.0	24.4			54.0
58.0				24.7	28.9	34.2		13.5	17.1	22.5	26.1	30.2	8.6	11.1	15.2	18.8	21.9		5.3	8.2	13.8	22.0	25.2		58.0
62.0				20.9	25.6	29.9			13.7	18.3	23.4	26.9	6.2	8.0	12.0	16.2	19.5	22.6		5.1	9.6	20.0	22.6		62.0
66.0					22.2	26.4				14.8	19.4	24.0			8.5	13.1	17.2	20.1			6.1	15.5	20.5	23.2	66.0
70.0						23.4					15.7	20.5				10.4	13.9	17.9				10.6	18.8	21.0	70.0
74.0												16.6					11.1	14.7				6.6	17.0	19.2	74.0
78.0												13.3					8.6	11.8					11.3	17.7	78.0
82.0																		9.2					6.6	16.4	82.0
86.0																								11.2	86.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	26.1						23.1																		26.0
28.0	25.5						22.6						18.9												28.0
30.0	24.8	26.8					22.1						18.5						16.1						30.0
34.0	23.5	25.6					20.2	21.4					17.7	19.0					15.3	16.3					34.0
38.0	22.0	24.3	27.1				18.3	19.3	20.9				16.8	18.2					13.7	14.6					38.0
42.0	19.1	23.0	26.0				16.0	17.4	18.9				13.2	17.2	18.5				10.0	13.0	14.2				42.0
46.0	13.7	19.7	24.1				10.5	15.9	17.1				7.7	14.5	16.9					11.7	12.8				46.0
50.0	9.2	14.0	21.7	24.7			6.0	11.1	15.6	17.6				8.6	15.5					5.7	11.5				50.0
54.0	5.5	9.4	17.2	22.5				6.5	14.2	16.0					13.1	15.9					10.2				54.0
58.0		5.6	11.8	20.0	23.3				9.4	14.6					7.4	14.6					4.9	9.5			58.0
62.0			7.5	17.9	20.7				4.9	13.4	15.0					13.5						8.5			62.0
66.0				14.6	18.5					12.3	13.7					12.4	13.0					7.6			66.0
70.0				9.4	16.7	19.1				7.8	12.6					6.6	12.0					4.9	7.9		70.0
74.0				5.2	15.1	17.2					11.6	12.5					11.0						7.0		74.0
78.0					11.3	15.5					10.7	11.5					10.2	11.3					6.2	7.2	78.0
82.0					6.3	14.1					5.5	10.6					5.0	10.4						6.4	82.0
86.0						12.7						9.8						9.7						5.7	86.0
90.0						6.9						7.4						8.3						5.1	90.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

66.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
14.0	92.0						80.1																		14.0
15.0	89.2						78.1																		15.0
16.0	86.2						76.0						66.3												16.0
17.0	83.1	95.3					73.9	83.1					64.9						56.7						17.0
18.0	80.2	92.5					71.7	81.2					63.3						55.6						18.0
19.0	77.3	89.4					69.5	79.3					61.8	69.1					54.5						19.0
20.0	74.4	85.3	101.1				67.3	77.2					60.1	67.7					53.3						20.0
22.0	69.0	78.0	91.4				63.1	72.8	86.2				56.8	64.8					50.9	57.0					22.0
24.0	63.8	71.8	83.2				58.8	68.4	82.4				53.6	61.6	72.1				48.5	54.9					24.0
26.0	51.9	66.4	76.3				54.9	64.1	75.6				50.5	58.4	69.6				46.0	52.5	60.8				26.0
28.0	39.9	55.6	70.4	90.3			51.1	60.0	69.7				47.4	55.1	66.6				43.6	50.1	59.0				28.0
30.0		43.2	65.3	82.4			47.7	55.7	64.6				44.6	52.0	63.6				41.3	47.6	56.9				30.0
34.0			41.8	69.9			30.3	43.8	54.3	69.1			39.3	46.0	54.9	68.4			36.9	42.8	52.3				34.0
38.0				57.1	63.4				43.5	59.5	63.1		30.2	39.7	45.7	59.1			32.9	38.3	44.9	57.7			38.0
42.0					56.4					48.9	56.2			25.8	39.0	49.4	56.1		28.0	34.0	38.5	48.4			42.0
46.0						48.3				35.6	50.5	48.0			27.0	41.7	50.4		14.8	26.1	33.5	41.2	50.2		46.0
50.0						43.8					44.3	43.5				35.9	44.6	43.3			28.3	35.6	43.9		50.0
54.0												39.7					38.2	39.5				31.2	37.8	39.3	54.0
58.0																		36.3					32.9	36.0	58.0
62.0																		33.5					29.1	33.2	62.0
66.0																								30.5	66.0
Reeves	8						6						6						6						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	47.6																								19.0
20.0	46.8						40.8																		20.0
22.0	45.1						39.6						34.2												22.0
24.0	43.3	48.2					38.3	42.0					33.3						29.2						24.0
26.0	41.4	46.6					37.0	40.9					32.3	35.3					28.5						26.0
28.0	39.6	44.8					35.5	39.7					31.3	34.5					27.7	30.2					28.0
30.0	37.8	43.0	50.1				34.1	38.4					30.2	33.5					26.9	29.5					30.0
34.0	34.1	39.3	46.8				31.3	35.6	40.2				28.0	30.5	34.1				25.2	28.0					34.0
38.0	30.8	35.7	41.5	49.8			28.6	31.8	35.4				25.0	26.9	30.0				23.5	26.4	30.1				38.0
42.0	27.7	31.6	35.8	43.9			26.0	28.2	31.3	37.4			22.1	23.8	26.5				21.8	24.7	28.7				42.0
46.0	24.5	27.7	31.1	38.2			22.1	25.1	27.8	33.0			19.4	21.1	23.4	28.0			16.3	22.3	26.8	31.4			46.0
50.0	16.8	24.2	27.3	33.0	40.8		17.7	21.7	24.8	29.3	34.8		15.0	18.7	20.8	24.7			11.8	16.6	24.0	28.3			50.0
54.0		13.5	24.2	28.9	35.0		14.1	17.1	21.8	26.1	30.8		11.3	14.8	18.4	21.9	26.0		8.1	11.9	19.8	25.2			54.0
58.0				25.5	30.5	35.5		13.4	17.7	23.3	27.4		8.3	11.0	15.7	19.4	23.0		5.0	8.1	14.3	22.6	26.4		58.0
62.0				22.2	26.9	32.1			14.0	19.5	24.4	28.6	5.8	7.9	12.3	17.2	20.4			4.9	9.9	20.5	23.6		62.0
66.0					23.9	28.2				15.7	21.2	25.5			8.7	14.0	18.2	21.4			6.2	17.0	21.3		66.0
70.0						25.0					17.2	22.8				11.1	15.3	19.0				11.6	19.5	22.2	70.0
74.0						21.3					13.8	18.7				8.6	12.3	16.5				7.3	17.9	20.1	74.0
78.0												15.1					9.6	13.3					13.3	18.5	78.0
82.0																		10.6					8.1	17.1	82.0
86.0																		8.2						14.5	86.0
90.0																								8.3	90.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	24.7						21.5																		26.0
28.0	24.1						21.0						18.1												28.0
30.0	23.5	25.5					20.5						17.7						15.6						30.0
34.0	22.2	24.4					19.5	21.3					16.9	18.2					14.9						34.0
38.0	20.9	23.2	26.0				18.3	19.4					16.0	17.5					13.8	14.7					38.0
42.0	19.1	21.9	25.0				15.9	17.6	19.2				13.1	16.7	18.4				9.8	13.2					42.0
46.0	13.5	20.0	23.8				10.3	16.0	17.4				7.4	14.8	17.1					11.8	11.8				46.0
50.0	9.0	14.1	22.4	25.3			5.7	11.2	15.8					8.7	15.7					5.8	10.5				50.0
54.0	5.2	9.4	18.0	23.3				6.4	14.4	16.5					13.9	16.3					9.4				54.0
58.0		5.5	12.3	21.0					9.9	15.0					7.9	15.0					5.4	9.9			58.0
62.0			7.8	18.8	22.1				5.2	13.7	15.6					13.8						8.8			62.0
66.0				16.2	19.7					12.6	14.2					12.7	14.2					7.9			66.0
70.0				10.5	17.7	20.7				9.0	13.0					7.8	13.1					6.2	8.3		70.0
74.0				6.0	16.0	18.5					12.0	13.1					12.1						7.4		74.0
78.0					13.5	16.7					11.0	12.0					11.2	11.8					6.5		78.0
82.0					7.9	15.1					7.2	11.1					7.0	10.9					5.8	6.9	82.0
86.0						13.7						10.2						10.1						6.1	86.0
90.0						9.6						9.5						9.4						5.4	90.0
94.0																		5.1							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

72.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	78.2						72.1																		15.0
16.0	74.6						70.2						60.5												16.0
17.0	71.3	81.0					68.3						59.2						52.0						17.0
18.0	68.3	77.2					66.3	75.2					57.8						51.1						18.0
19.0	65.5	73.7					64.3	73.5					56.3						50.1						19.0
20.0	62.9	70.4					62.4	70.4					55.0	62.0					49.1						20.0
22.0	58.0	64.6	77.2				58.1	64.6					52.1	59.4					46.9	52.6					22.0
24.0	53.9	59.6	70.3				54.0	59.6	70.3				49.1	56.5					44.6	50.7					24.0
26.0	50.2	55.2	64.5				50.3	55.3	64.5				46.4	53.7	63.9				42.4	48.6					26.0
28.0	41.3	51.4	59.4				47.1	51.5	59.5				43.7	50.9	59.1				40.3	46.4	54.7				28.0
30.0		45.9	55.0	71.7			44.2	48.1	55.1				41.2	47.9	54.8				38.1	44.2	52.9				30.0
34.0			46.7	60.1			31.1	42.1	47.7	60.2			36.5	42.2	47.6	59.9			34.2	39.8	47.4				34.0
38.0				51.4	62.3				41.8	51.7			30.0	37.5	42.0	51.5			30.6	35.8	41.7	51.2			38.0
42.0					55.4					45.0	55.2			27.1	37.3	45.0			26.9	32.0	37.1	44.7			42.0
46.0					47.8	47.1				39.5	48.3				30.5	39.8	48.1		15.7	26.6	33.3	39.5	47.9		46.0
50.0						42.7					42.2	42.4				35.4	42.2				29.9	35.3	42.0		50.0
54.0												38.7					37.4	38.2				31.7	37.2		54.0
58.0												35.5					33.3	35.0				28.5	33.3	34.8	58.0
62.0																		32.3					29.9	32.0	62.0
66.0																								29.6	66.0
70.0																								27.5	70.0
Reeves	6						6						6						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	44.0																								19.0
20.0	43.3						38.0																		20.0
22.0	41.7						36.8						32.2												22.0
24.0	40.0	44.7					35.6						31.3						27.4						24.0
26.0	38.3	43.3					34.3	38.2					30.4						26.7						26.0
28.0	36.6	41.6					33.0	37.0					29.4	32.6					25.9	28.4					28.0
30.0	34.9	40.0	46.6				31.7	35.8					28.4	31.7					25.2	27.8					30.0
34.0	31.7	36.6	43.9				29.1	33.3	38.9				26.3	29.8	34.1				23.6	26.4					34.0
38.0	28.7	33.3	40.6				26.6	30.6	36.1				24.3	27.2	30.6				21.9	24.8	28.5				38.0
42.0	25.8	30.1	36.6	44.5			24.2	28.1	31.9	38.8			22.2	24.0	27.0				20.3	23.2	27.2				42.0
46.0	23.1	27.2	31.8	39.3			22.1	25.3	28.3	34.2			19.5	21.2	23.9	29.0			16.2	21.6	25.8				46.0
50.0	17.1	23.9	27.8	34.4	41.7		17.6	22.1	25.2	30.3			14.9	18.9	21.1	25.6			11.6	16.8	24.2	29.4			50.0
54.0		14.9	24.7	30.0	37.0		13.9	17.3	22.6	26.9	32.4		11.1	14.9	18.8	22.6			7.9	12.0	20.8	26.0			54.0
58.0			17.3	26.4	32.3			13.5	18.4	24.0	28.7		8.0	11.0	16.3	20.1	24.2		4.7	8.0	14.9	23.3	27.8		58.0
62.0				23.5	28.3	32.0			14.5	20.7	25.6	30.5	5.5	7.8	12.7	17.9	21.4			4.8	10.3	21.1	24.7		62.0
66.0					25.0	29.6				16.8	22.9	27.1		5.1	8.9	14.9	19.0	22.8			6.4	18.8	22.2		66.0
70.0					21.5	26.6				13.4	18.8	24.2				11.9	16.7	20.2				12.9	20.2	20.7	70.0
74.0						23.7					15.2	20.9				9.3	13.5	18.0				8.2	18.5	19.1	74.0
78.0												16.9					10.7	15.0					15.7	17.6	78.0
82.0												13.6					8.2	12.0					9.9	16.3	82.0
86.0																		9.4					5.2	15.1	86.0
90.0																								11.3	90.0
94.0																								5.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	23.3																								26.0
28.0	22.7						19.8						17.1												28.0
30.0	22.1	24.1					19.3						16.8						13.9						30.0
34.0	20.9	23.1					18.3	20.1					16.0	17.4					13.2						34.0
38.0	19.6	21.9	24.7				17.3	19.2					15.2	16.7					12.4	14.0					38.0
42.0	18.3	20.7	23.8				15.9	17.7	19.5				13.0	15.9	17.7				9.7	13.3					42.0
46.0	13.4	19.4	22.7				10.1	16.1	17.6				7.2	15.1	17.1					11.9	12.1				46.0
50.0	8.8	14.3	21.6	25.3			5.5	11.4	16.0					8.9	15.9					5.9	10.8				50.0
54.0	5.0	9.4	19.0	23.8				6.5	14.6	16.9					14.6						9.6				54.0
58.0		5.4	13.0	21.8					10.5	15.4					8.5	15.3					6.0	10.3			58.0
62.0			8.1	19.7	23.0				5.6	14.1						14.1						9.1			62.0
66.0				17.7	20.8					12.9	14.8					13.0						8.1			66.0
70.0				11.9	18.9					10.4	13.5					9.3	12.8					7.2	8.7		70.0
74.0				6.9	17.0	16.6				5.2	12.4						11.8						7.7		74.0
78.0					15.3	15.3					11.4	11.8					10.9						6.9		78.0
82.0					9.9	14.0					9.4	10.6					9.4	8.8					6.1		82.0
86.0					4.9	13.0						9.6						7.9							86.0
90.0						12.0						8.7						7.1							90.0
94.0						6.8						7.3						6.3							94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

CKE3000G-2
SHL LUFFING - LIFTING CAPACITIES

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

78.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
15.0	64.0						62.9																		15.0
16.0	61.1						60.9						55.2												16.0
17.0	58.3						58.2						54.1												17.0
18.0	55.8	63.9					55.7	63.7					52.8						47.8						18.0
19.0	53.4	60.9					53.3	60.7					51.6						46.9						19.0
20.0	51.3	58.1					51.2	58.0					50.4	56.7					45.9						20.0
22.0	47.3	53.2	64.8				47.2	53.1					47.1	52.9					44.0	49.3					22.0
24.0	43.8	48.9	58.9				43.8	48.9	58.8				43.7	48.7					41.9	47.6					24.0
26.0	40.7	45.3	53.8				40.8	45.3	53.7				40.7	45.1	53.6				39.9	44.5					26.0
28.0	37.9	42.0	49.5				38.1	42.1	49.4				38.0	41.9	49.3				37.6	41.4	48.6				28.0
30.0		39.1	45.7	61.6			35.7	39.2	45.7				35.6	39.1	45.5				35.2	38.6	44.9				30.0
34.0			39.1	51.2			30.7	34.2	39.4	51.2			31.4	34.2	39.3				31.1	33.9	38.9				34.0
38.0				43.5					34.4	43.6			27.9	30.3	34.4	43.6			27.8	30.1	34.1	43.0			38.0
42.0				37.3	48.4					37.8	48.4			26.9	30.4	37.7			25.0	26.9	30.2	37.3			42.0
46.0					41.2					33.0	41.4				27.0	33.1	41.3		16.6	24.2	27.0	32.8			46.0
50.0						41.5					35.9					29.3	35.9				24.2	29.1	35.6		50.0
54.0						37.8					31.4	37.2				25.9	31.6	37.1				26.0	31.3		54.0
58.0												33.9					28.0	33.9				23.3	27.8	33.4	58.0
62.0																		29.9					24.9	29.7	62.0
66.0																		26.5					22.3	26.4	66.0
70.0																								23.7	70.0
Reeves	6						6						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	40.6																								19.0
20.0	39.9																								20.0
22.0	38.5						33.9						30.0												22.0
24.0	37.0	41.4					32.8						29.2						25.6						24.0
26.0	35.5	40.1					31.6	35.2					28.3						24.9						26.0
28.0	34.0	38.6					30.5	34.2					27.4	30.4					24.3						28.0
30.0	32.4	37.1	43.3				29.2	33.1					26.5	29.6					23.5	26.1					30.0
34.0	29.5	33.7	38.6				26.9	30.8	36.1				24.6	27.9	31.9				22.0	24.7					34.0
38.0	26.7	29.9	33.9				24.6	28.5	33.5				22.7	26.0	30.6				20.5	23.3	26.9				38.0
42.0	24.3	26.7	30.0	37.1			22.5	26.1	29.6				20.9	24.1	27.5				19.1	21.8	25.7				42.0
46.0	21.9	24.0	26.8	32.6			20.6	23.6	26.4	32.2			19.2	21.4	24.3	30.1			16.3	20.3	24.4				46.0
50.0	17.3	21.6	24.0	28.9			17.7	21.2	23.7	28.5			14.9	19.0	21.5	26.5			11.5	17.2	22.9	28.0			50.0
54.0		16.1	21.6	25.8	31.1		13.9	17.7	21.3	25.5	30.7		11.0	15.2	19.1	23.4			7.7	12.2	21.3	26.8			54.0
58.0			19.4	23.2	27.6		8.3	13.6	19.0	22.8	27.3		7.8	11.1	16.8	20.8	25.5		4.5	8.1	15.8	23.9			58.0
62.0				20.9	24.7	29.4			15.1	20.5	24.3		5.2	7.8	13.3	18.4	22.5			4.7	10.8	21.4	20.7		62.0
66.0					22.2	26.2				17.9	21.8	25.9		5.0	9.3	15.8	20.0				6.7	19.3	18.9		66.0
70.0					20.0	23.5				14.3	19.7	23.1			5.9	12.7	17.8	21.6				14.5	17.3		70.0
74.0						21.1					16.6	20.7				10.0	14.8	19.1				9.3	15.8	14.8	74.0
78.0						19.0					13.3	18.7					11.8	16.8				5.1	14.5	13.5	78.0
82.0												15.3					9.2	13.6					12.2	12.3	82.0
86.0																		10.8					6.9	11.2	86.0
90.0																		8.4						10.3	90.0
94.0																								8.4	94.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	21.9																								26.0
28.0	21.3						18.6						16.2												28.0
30.0	20.8	22.7					18.2						15.8						12.5						30.0
34.0	19.6	21.8					17.2	19.0					15.1	16.5					11.8						34.0
38.0	18.4	20.7	23.4				16.3	18.1					14.3	15.8					11.1	12.6					38.0
42.0	17.2	19.5	22.5				15.3	17.2	19.6				13.0	15.1	16.9				9.7	12.0					42.0
46.0	13.4	18.3	21.6				10.0	16.2	17.9				7.1	14.3	16.3					11.0	12.3				46.0
50.0	8.6	14.7	20.5				5.3	11.7	16.3					9.1	15.7					6.1	11.0				50.0
54.0	4.8	9.6	19.3	23.5				6.5	14.8	17.4					14.8						9.8				54.0
58.0		5.4	13.8	22.1					11.3	15.8					9.2	15.7					6.7	10.6			58.0
62.0			8.6	19.6					6.0	14.4						14.4						9.5			62.0
66.0			4.5	17.6	16.6					13.2	13.4					13.3						8.4			66.0
70.0				13.6	15.1					12.1	12.0					11.2	10.3					7.5			70.0
74.0				8.1	13.8					6.3	10.6					5.0	9.1						6.3		74.0
78.0					12.6	11.0					9.4	8.1					8.1						5.3		78.0
82.0					11.5	10.0					8.4	7.1					7.1								82.0
86.0					6.7	9.0					5.9	6.2					5.6								86.0
90.0						8.2																			90.0
94.0						7.4																			94.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

Unit : Metric ton

Luffing Jib lifting capacities

Pallet weight radius 13m

Counterweight : 120 t
Carbody weight : 40 t
Pallet weights : 120 t

84.0 m Boom Length

Load Radius : m	Jib Length : 24.0 m						Jib Length : 30.0 m						Jib Length : 36.0 m						Jib Length : 42.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
16.0							50.0						48.4												16.0
17.0	47.9						47.7						47.4												17.0
18.0	45.8						45.6						45.4						41.7						18.0
19.0	43.8	50.5					43.7	50.3					43.5						40.9						19.0
20.0	42.0	48.2					41.9	48.0					41.7	47.8					40.1						20.0
22.0	38.7	44.0					38.6	43.9					38.4	43.7					38.1	43.2					22.0
24.0	35.8	40.4	49.5				35.7	40.3					35.6	40.2					35.2	39.8					24.0
26.0	33.2	37.3	45.1				33.2	37.2	45.0				33.1	37.1					32.7	36.8					26.0
28.0	30.9	34.6	41.4				31.0	34.5	41.3				30.8	34.4	41.1				30.5	34.1					28.0
30.0		32.1	38.1				29.0	32.1	38.1				28.9	32.0	37.9				28.5	31.7	37.6				30.0
34.0			32.5	43.9			25.2	27.9	32.7	43.8			25.3	27.9	32.6				25.0	27.6	32.3				34.0
38.0				37.1				24.3	28.4	37.1			22.3	24.6	28.4	37.0			22.1	24.3	28.1				38.0
42.0				31.7	42.3				24.8	31.9				21.7	25.0	31.8			19.6	21.5	24.7	31.5			42.0
46.0					35.8					27.7	35.8				22.0	27.7			16.8	19.1	21.8	27.5			46.0
50.0					30.6	38.9					30.8					24.4	30.8				19.3	24.1	30.5		50.0
54.0						33.7					26.8	33.5				21.5	26.9				17.1	21.3	26.6		54.0
58.0						29.1						29.5					23.6	29.2				18.9	23.4		58.0
62.0												25.7					20.8	25.8					20.6	25.4	62.0
66.0																		22.7					18.3	22.4	66.0
70.0																								19.8	70.0
74.0																								17.6	74.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 48.0 m						Jib Length : 54.0 m						Jib Length : 60.0 m						Jib Length : 66.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
19.0	37.4																								19.0
20.0	36.8																								20.0
22.0	35.5						31.7						27.8												22.0
24.0	34.1	38.2					30.7						27.1						23.9						24.0
26.0	32.2	36.0					29.6	33.1					26.2						23.2						26.0
28.0	30.0	33.5					28.5	32.1					25.4	28.3					22.6						28.0
30.0	28.1	31.2					27.4	30.8					24.5	27.5					21.9	24.4					30.0
34.0	24.7	27.2	31.7				24.3	26.9	31.4				22.7	25.9					20.6	23.2					34.0
38.0	21.9	24.0	27.7				21.5	23.6	27.4				21.0	23.3	27.0				19.2	21.9	25.2				38.0
42.0	19.5	21.3	24.4	31.0			19.1	20.9	24.0				18.8	20.6	23.7				17.8	20.5	24.2				42.0
46.0	17.5	19.0	21.6	27.1			17.1	18.6	21.2	26.7			16.8	18.3	20.9				16.5	19.1	23.0				46.0
50.0	15.7	17.0	19.2	23.9			15.3	16.7	18.9	23.4			15.0	16.3	18.5	23.1			11.5	17.8	20.8	24.2			50.0
54.0		15.2	17.2	21.1	26.2		13.8	14.9	16.9	20.7			11.0	14.6	16.5	20.4			7.5	12.5	18.6	21.8			54.0
58.0			15.4	18.8	23.1		8.9	13.4	15.1	18.4	22.7		7.7	11.3	14.8	18.1				8.2	16.6	19.7			58.0
62.0				16.8	20.5				13.6	16.5	20.1		5.0	7.8	13.3	16.1	19.7			4.7	11.5	17.8	16.5		62.0
66.0				15.1	18.2	22.2				14.8	17.9			4.9	9.7	14.5	17.5				7.1	16.1	14.8		66.0
70.0					16.3	19.7				13.3	16.0	19.3			6.2	13.0	15.6	18.9				14.6	13.4		70.0
74.0					14.6	17.5					14.3	17.1				10.8	14.0	16.8				10.7	12.1	11.0	74.0
78.0						15.7					12.8	15.3				7.5	12.6	15.0				6.1	10.9	9.8	78.0
82.0												13.7					10.3	13.4					9.9	8.8	82.0
86.0												12.3						12.1					9.0	7.8	86.0
90.0																		9.6						7.0	90.0
94.0																								6.3	94.0
98.0																								5.6	98.0
Reeves	4						4						4						4						Reeves

Load Radius : m	Jib Length : 72.0 m						Jib Length : 78.0 m						Jib Length : 84.0 m						Jib Length : 90.0 m						Load Radius : m
	Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						Boom Angle : deg.						
	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	88	86	83	78	73	68	
26.0	20.4																								26.0
28.0	19.9						17.4																		28.0
30.0	19.4						17.0						13.8						11.0						30.0
34.0	18.3	20.4					16.2	17.9					13.0	14.8					10.3						34.0
38.0	17.2	19.5					15.3	17.1					12.1	14.1					9.6	11.2					38.0
42.0	16.1	18.4	21.3				14.4	16.3	18.6				11.1	13.3					8.8	10.5					42.0
46.0	13.5	17.3	20.4				10.0	15.4	17.9				7.0	12.4	15.0					9.8	12.0				46.0
50.0	8.6	15.3	19.5				5.1	12.1	16.5					9.5	14.3					6.4	11.4				50.0
54.0	4.6	9.8	17.6	19.8				6.7	15.0						13.5						10.7				54.0
58.0		5.5	14.9	17.8					12.3	14.3					10.2	13.2					7.7				58.0
62.0			9.3	16.1					6.6	12.6					4.4	11.7						8.4			62.0
66.0			4.9	14.5	12.5					11.1						10.3						7.1			66.0
70.0				13.1	11.2					9.7	8.4					9.0						6.0			70.0
74.0				9.6	10.0					7.8	7.2					6.6									74.0
78.0				4.7	8.9	7.4					6.2														78.0
82.0					7.9	6.4																			82.0
86.0					7.1																				86.0
Reeves	4						4						4						4						Reeves

* Ratings according to EN13000.
Ratings shown in ☐ are based on the strength of the boom or other structural components.
Ratings enclosed in gray color box in the table require double-drum specifications.

NOTES

NOTES

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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KOBELCO CONSTRUCTION MACHINERY CO., LTD.

5-15, Kitashinagawa 5-chome, Shinagawa-ku,Tokyo 141-8626 JAPAN
Tel : +81-3-5789-2121 Fax : +81-3-5789-3372
URL : https://www.kobelcocm-global.com/

Inquiries To :

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