KOBELCO

CK3300G-2

Hydraulic Crawler Crane

Max. Lifting Capacity - Crane : 330 US Tons
Max. Crane Boom Length : 295 ft
Max. Fixed Jib Combination : 256 ft + 100 ft
Heavy Fixed Jib Combination : 236 ft + 98 ft

Max. Lifting Capacity - Luffing : 132 US tons
Max. Luffing Boom Length : 197 ft
Max. Luffing Jib Length : 217 ft

Standard Specification

For reference only.
Operators manual should be consulted and adhered to.

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Operators manual should be consulted and adhered to.

General Description

Type :

Standard Crane
[220,500 lbs (100,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	661,300 lbs @ 18.1′ operating radius (78′ boom)
Basic boom length	78′ (24 m)
Maximum boom length	78′ (24 m)

Standard Crane
[264,600 lbs (120,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	542,300 lbs @ 22′ operating radius (118′ boom)
Basic boom length	78′ (24 m)
Maximum boom length	276′ (84 m)

Standard Crane
[308,600 lbs (140,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	403,800 lbs @ 29.6′ operating radius (177′ boom)
Basic boom length	78′ (24 m)
Maximum boom length	295′ (90 m)

Standard Crane
[352,700 lbs (160,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	321,400 lbs @ 33.8′ operating radius (236′ boom)
Basic boom length	78′ (24 m)
Maximum boom length	295′ (90 m)

Standard Fixed jib
[308,600 lbs (140,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	58,600 lbs @ 40.7′ operating radius (197′ boom + 40′ jib)
Basic boom & jib length	98′ + 40′ (30 m + 12.2 m)
Maximum boom & jib length	256′ + 100′ (78 m + 30.5 m)

Standard Heavy Fixed jib
[308,600 lbs (140,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	88,200 lbs @ 72.2′ operating radius (236′ boom + 98′ heavy jib)
Boom & jib length (one kind)	236′ + 98′ (72 m + 30 m)

Standard Luffing jib
[308,600 lbs (140,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

Maximum lift capacity	260,200 lbs @ 44′ operating radius (157′ boom + 98′ jib)
Basic boom & jib length	98′ + 78′ (30 m + 24 m)
Maximum boom & jib length	197′ + 217′ (60 m + 66 m)

Working weight[1]*	Approx. 721,075 lbs (327,075 kg)
Ground bearing pressure[1]*	Approx. 19.9 psi (137 kPa)
Grade ability[1]*	20% (11.3 deg.)

*1 Including base machine, counterweights : 308,700 lbs (140,000 kg), carbody weights : 88,200 lbs (40,000 kg), counterweight self removal device, 78′ (24 m) standard boom and 386 US ton hook block.

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Operators manual should be consulted and adhered to.

CK3300G-2
SPECIFICATIONS

General Dimensions

Height to top of cab	12′ 7″ (3,830 mm)
Width of upper machine with operator's cab	
Working :	15′ 5″ (4,700 mm)
Transportation :	9′ 10″ (2,990 mm)
Radius of rear end (counterweights)	23′ 11″ (7,300 mm)
Counterweight ground clearance	5′ 2″ (1,565 mm)
Center of rotation to boom foot pin	5′ 11″ (1,800 mm)
Height from ground to boom foot pin	9′ 1″ (2,780 mm)
Overall length of crawlers	32′ 10″ (10,000 mm)
Overall width of crawlers (w / standard shoe)	26′ 7″ (8,110 mm)
(w / narrow shoe)	26′ 3″ (8,000 mm)
Center to center of tumblers	28′ 10″ (8,795 mm)
Shoe width (w / standard shoe)	52″ (1,330 mm)
(w / narrow shoe)	48″ (1,220 mm)
Ground clearance of carbody	21″ (530 mm)

Working Speed

Load hoist line speed
(H1 and H2 winch without free fall function)
377.3 ~ 9.8 ft/min (115 ~ 3 m/min)

Load lowering line speed
(H1 and H2 winch without free fall function)
377.3 ~ 9.8 ft/min (115 ~ 3 m/min)

Standard boom hoist line speed (W1 winch)
98.4 ~ 6.6 ft/min (30 ~ 2 m/min)

Standard boom lowering line speed (W1 winch)
98.4 ~ 6.6 ft/min (30 ~ 2 m/min)

Luffing jib hoist line speed (W2 winch)
95.1 ~ 6.6 ft/min (29 ~ 2 m/min)

Luffing jib lowering line speed (W2 winch)
95.1 ~ 6.6 ft/min (29 ~ 2 m/min)

Swing speed (max.)
1.7 rpm (1.7 min^{-1})

Travel speed (high/low)
0.62 / 0.37 mph (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 "US Tier4 Final and EU Stage IV")
No. of cylinders	6 cylinders
Bore × stroke	5-1/16″ × 6-5/16″ (130 mm × 160 mm)
Cycles	4 cycles
Total displacement	775 cu.in. (12.7 L)
Rated output SAE GROSS	450 HP / 2,100 rpm (331 kW / 2,100 min^{-1})
Maximum torque	1,663 lbf·ft / 1,300 rpm (2,255 N·m / 1,300 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	158.5 US gal. (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 69.7 US gal / min × 2 (263.9 ℓ / min × 2)
Load hoist (H2) and propel (L)	2 piston type pumps, max. flow rate 69.7 US gal / min × 2 (263.9 ℓ / min × 2)
Boom and Jib hoist (W1 / W2)	2 piston type pump, max. flow rate 92.0 US gal/min (348.5 ℓ/min)
Boom and jib hoist (W1 / W2) acceleration	1 piston type pump, max. flow rate 71.5 US gal/min (271.0 ℓ/min)
Swing	1 piston type pump, max. flow rate 92.0 US gal/min (348.5 ℓ/min)
Control system and auxiliary	2 gear type pumps, max. flow rate 16.8 + 11.1 US gal/min (63.8 + 42.0 ℓ/min)
Brake cooling system (optional for free fall winch)	1 gear type pump, max. flow rate 16.9 US gal/min × 2 (64.3 ℓ/min × 2)

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Counterweight and Carbody weight :

Counterweight Base	44,095 lbs (20,000 kg)×1
Counterweight (R)	22,050 lbs (10,000 kg)×6
	11,025 lbs (5,000 kg)×2
Counterweight (L)	22,050 lbs (10,000 kg)×6
	11,025 lbs (5,000 kg)×2
Total Counterweight	352,795 lbs (160,000 kg)
Carbody weight A	38,695 lbs (17,550 kg)×2
*Carbody weight B**	6,115 lbs (2,775 kg)×2
*Total Carbody weight**	89,620 lbs (40,650 kg)

**Including the weight of platform*

Electric system :

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

Hydraulic system :

Maximum pressure rating
4,641 psi (31.9 MPa)

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
227.2 US gal. (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.

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 9′-10″ (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.

For reference only.
Operators manual should be consulted and adhered to.

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) 57,035 lbf (254 kN)
Rated line pull (all layers) 33,045 lbf (147 kN)
620 mm P.C.D × 926 mm Lg., grooved for 28 mm dia. wire rope.
Rope capacity is 1,969 ft (600 m) strage length.

Free fall function (optional)

Maximum line pull (1st layer) 61,640 lbf (274.2 kN)
Rated line pull (all layers) 33,045 lbf (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.

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 52″ wide shoe in standard.
(48″ narrow shoe in optional)

Track rollers :

The track rollers are sealed for maintenance free operation.

For reference only.
Operators manual should be consulted and adhered to.

Crane Attachments

Crane boom :

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

Basic boom length	78′ (24.0 m)
Boom base section	30′ (9.0 m)
Boom insert	20′ (6.0 m)
Tapered boom insert	26′ (7.8 m)
Boom tip section w/11 sheaves	4′ (1.2 m)

Boom insert (optional) :

Optional boom inserts are available to provide extension capabilities up to the boom length of 295′ (90 m).

Boom insert	20′ (6.0 m), 40′ (12.0 m)

Boom suspension :

26 parts of 26 mm dia. high strength boom hoist wire rope (W1) and high-tensile steel guy lines.

Boom backstops:

Telescopic type with spring bumper.

Auxiliary sheave (optional):

Auxiliary sheave is extendible on booms of 78 ft (24 m) through 276 ft (84 m) Maximum line : 2 parts of 28 mm dia. wire rope.

Fixed jib (optional) :

The fixed jib is available on the crane boom of 100′ (30 m) through 256′ (78 m) with counterweight amount 308,600 lbs (140,000 kg) and carbody weight amount 88,200 lbs (40,000 kg) to extend working height and / or reach. The fixed jib employs welded lattice construction with tubular, high-tension steel chords with pin connections between sections.

Basic jib length	40′ (12.2 m)
Jib base section	15′ (4.6 m)
Jib insert	10′ (3.0 m)
Jib tip section w/1 sheave	15′ (4.6 m)

Fixed jib insert :

Optional fixed jib insert, 20′ (6.1 m) section is available to provide extension capabilities, up to the jib length of 100′ (30.5 m).

Fixed jib suspension :

26 mm dia. high strength pendant rope for each side.

Strut suspension :

26 mm dia. high strength pendant rope for each side.

Heavy fixed jib (optional) :

The heavy fixed jib is available on the crane boom of 236′ (72.0 m) with counterweight amount 308,600 lbs (140,000 kg) and carbody weight amount 88,200 lbs (40,000 kg) to extend working height and / or reach.

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

Jib length	98′ (30.0 m)
Jib base section	30′ (9.0 m)
Jib insert	40′ (12.0 m)
Jib tip section w/4 sheave	30′ (9.0 m)

Heavy fixed jib insert :

Optional heavy fixed jib insert, 40′ (12.0 m) section is available.

Heavy fixed jib suspension :

44 mm dia. high strength pendant rope for each side.

Strut suspension :

44 mm dia. high strength pendant rope for each side.

Luffing Attachments

Luffing jib (optional) :

The luffing jib is available on the crane boom of 98′ (30 m) through 197′ (60 m) with counterweight amount 308,600 lbs (140,000 kg) and carbody weight amount 88,200 lbs (40,000 kg) 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	78′ (24.0 m)
Jib base length	30′ (9.0 m)
Jib insert	20′ (6.0 m)
Jib tip section w/4 sheave	30′ (9.0 m)

Luffing jib insert :

Optional luffing jib insert, 20′ (6.0 m) and 40′ (12.0 m) section are available to provide extension capabilities, up to the jib length of 217′ (66.0 m).

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.

For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2 SPECIFICATIONS

Standard Equipment

Lights :

Two (2) front flood lights
One (1) cab inside light

Gauges and warning display Gauges :

Tachometer
Hour meter
Fuel gauge
DEF gauge
Water temperature gauge for engine

Warning display :

Battery charge
Engine oil pressure
Air cleaner
Engine oil filter
Control main pressure
Hydraulic oil temperature

Others :

Tilt-able operator cab
Air conditioner / heater
Lever detent lock (all levers except swing)
Drum turn indicator (H1 / H2)
Foot throttle pedal/ boom hoist pedal
Front and rear (H1 / H2) drums, observation camera
Boom (W1) drum, observation camera
Kcross (Telematics) system
Reeving winch
Boom foot pins drive cylinders
Crawler frame connection pins drive cylinders
Counterweight self removal device
Crawler self removal device

Safety Service

Overload prevention device (LMI)
Boom over hoist auto shut off device
Hook over hoist auto shut off device
Swing limiter
Tip height limiter
Boom angle limiter
Working radius limiter (Tip height, boom & jib angle, W/R)
Function lock lever
Mechanical lever locks
Front (H1) / Rear (H2) mechanical drum lock
Boom (W1) mechanical drum lock
Electric signal horn
Travel alarm
Swing alarm
Mechanical level gauges, in the cab
Boom backstops
Catwalks and steps, carbody frame
Steps, crawler frames
Wind speed indicator (Anemometer)
Hook height indicator

Tools and Accessories

A set of tools and accessories are furnished.

Optional Equipment

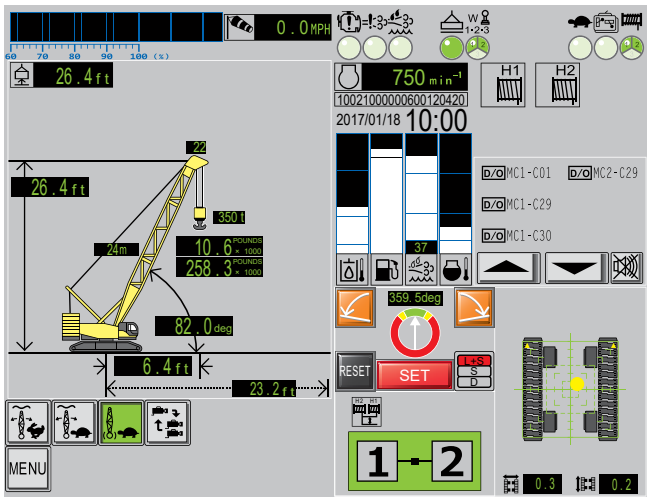
Attachment :

Auxiliary sheave	66,100 lbs (30,000 kg) capacity, single sheave, pin connected removable auxiliary sheave.
Fixed jib	Basic 40′ (12.2 m) fixed jib with strut and suspension pendant ropes.
	10′ (3.05 m) fixed jib insert
Luffing jib	Basic 78′ (24 m) luffing jib with H1/H2 struts, suspension guy lines.
	20′ (6.0 m) luffing jib insert
	40′ (12.0 m) luffing jib insert
	Luffing jib hoist winch (W2) and 26 mm dia. 1,115′ (340 m) wire rope with rope socket.
Hook blocks and ball	386 US ton block w/13 sheves
	220 US ton block w/7 sheves
	110 US ton block w/3 sheves
	50 US ton block w/single sheves
	Ball hook
Free-fall winches	28 mm dia. 1,969′ (600 m) spool capacity free fall winch for front (H1) and rear (H2) drum.

For reference only.
Operator's manual should be consulted and adhered to.

STANDARD CONFIGURATION
LOAD MOMENT INDICATOR (LMI)

The Kobelco newly designed 12” 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.

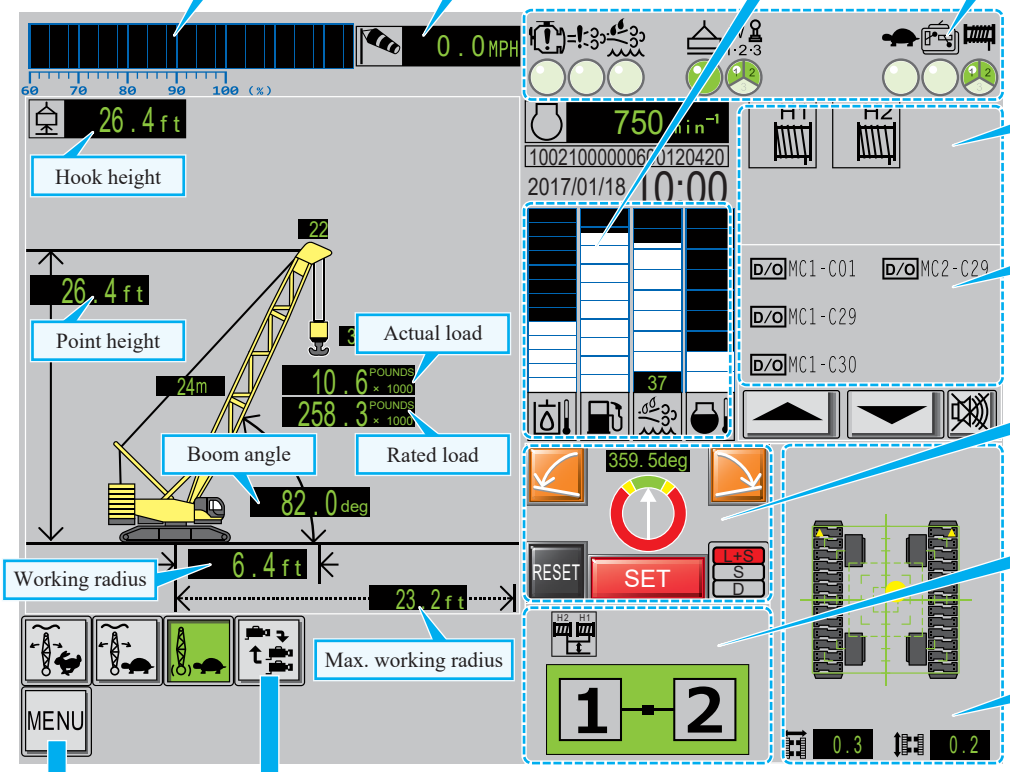


Gauges
Hydraulic oil temperature gauge
Fuel bar gauge
Def/adblue® bar gauge
Engine coolant temperature gauge
* Figures for the above gauges are only shown when the bar is touched.

Display lamp
Engine warning lamp
Front drum free fall indication lamp (opt.)
Rear drum free fall indication lamp (opt.)
Inching speed lamp
Remote control connection lamp

Moment ratio indicator

Wind speed indicator



Operating status of load hoist drums

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

Over-swing prevention
An over-swing preventative device is standard. It limits the swing of the crane. Configuration is simple and can be done from the touch panel.

Operating status of double drum
When double drum is used, difference of inclination between H1 and H2 drum is displayed.

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

Main menu

Crane config.

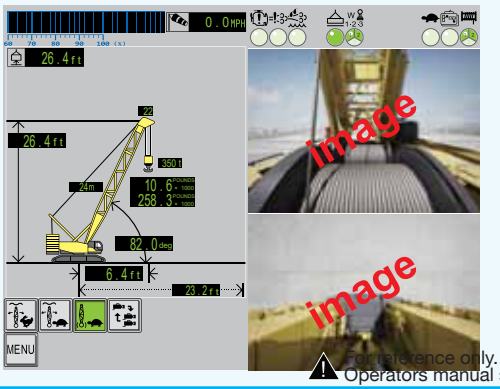
Angle/radius Limiter

Self check Mode

Adjustment mode

Service mode

Camera Monitor



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CK3300G-2
WINCH PERFORMANCE DATA

Winch Line Pull

Note :
Line speed and line pull based on SCANIA DC13 084A at 2,100 rpm.
Line speed and line pull based on single line.
Max. line pull is based on referential performance, not wire rope strength.

Front Drum & Rear Drum (non free fall):
Wire Rope Diameter = 28 mm dia.
Rated Line Pull = 33,045 lbf (147 kN)
Maximum Line Pull = 57,035 lbf (254 kN)
Total Storage Capacity = 1,969 ft (600 m)

		Drum line speed (ft/min)								
	Layer	1	2	3	4	5	6	7	8	9
Line Pull (lbs)	0	382	411	441	470	499	529	558	587	NOT applicable
	5,000	379	408	437	465	494	523	552	580	
	10,000	376	386	391	393	393	389	382	374	
	15,000	252	249	249	249	249	249	249	249	
	20,000	187	187	187	187	187	187	187	187	
	25,200	150	150	150	150	150	145	145	147	
	30,000	125	125	121	121	123	124	124	124	
	35,000	103	104	106	107	107	106	104		
	40,000	92	93	93	92					
	45,000	83	82							
	50,000	74								
Storage Capacity (ft)		198	213	229	244	259	274	289	305	

Front Drum & Rear Drum (free fall) (optional) :
Wire Rope Diameter = 28 mm dia.
Rated Line Pull = 33,045 lbf (147 kN)
Maximum Line Pull = 61,640 lbf (274.2 kN)
Total Storage Capacity = 1,969 ft (600 m)

		Drum line speed (ft/min)								
	Layer	1	2	3	4	5	6	7	8	9
Line Pull (lbs)	0	353	377	401	426	450	474	498	522	NOT applicable
	5,000	351	375	398	422	446	469	493	516	
	10,000	348	372	384	389	392	393	393	390	
	15,000	259	253	249	249	249	249	249	249	
	20,000	187	187	187	187	187	187	187	187	
	25,200	150	150	150	150	150	150	150	147	
	30,000	125	125	125	124	119	121	123	124	
	35,000	107	104	104	105	106	107	107	106	
	40,000	91	92	93	93	93	92			
	45,000	83	83	83	82					
	50,000	75	74							
Storage Capacity (ft)		224	239	254	269	284	300	315	330	

Wire Rope Specifications

Use	Rope spec.	Rope dia.	Rope length	Safety factor	Breaking strength
Front drum	Fi(25) + 22 × P·7 + 6 × P·WS(26) Right hand, lang's lay	1,102″ to 1,144″ (28 mm to 29.06 mm)	1,969 ft (600 m)	5 : 1	176,677 lbf (785.9 kN)
Rear drum	Fi(25) + 22 × P·7 + 6 × P·WS(26) Right hand, lang's lay	1,102″ to 1,144″ (28 mm to 29.06 mm)	1,969 ft (600 m)	5 : 1	176,677 lbf (785.9 kN)
Boom drum	8 × PWS(26) + 7 × S(19) Right hand, lang's lay	1,059″ to 1,070″ (26.91 mm to 27.17 mm)	1,476 ft (450 m)	3.5 : 1	124,544 lbf (554 kN)
Luffing jib hoist	8 × PWS(26) + 7 × S(19) Right hand, lang's lay	1,059″ to 1,070″ (26.91 mm to 27.17 mm)	1,115 ft (340 m)	3.5 : 1	124,544 lbf (554 kN)

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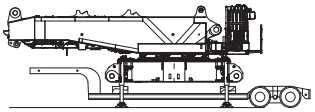
STANDARD CONFIGURATION ASSEMBLY PROCEDURE

1



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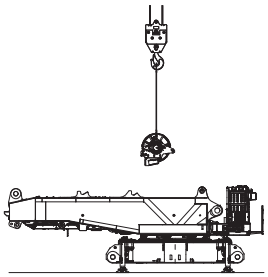

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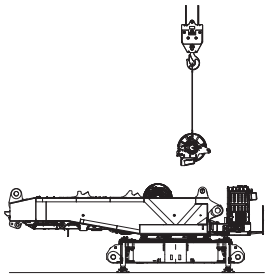

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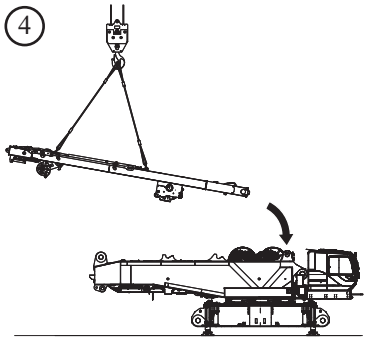

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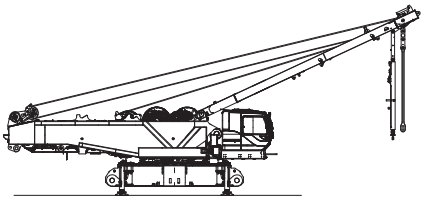

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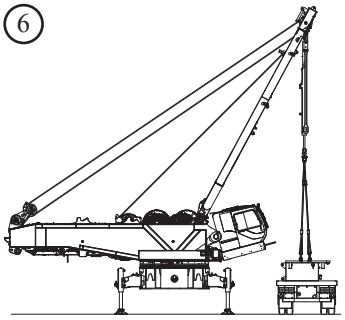

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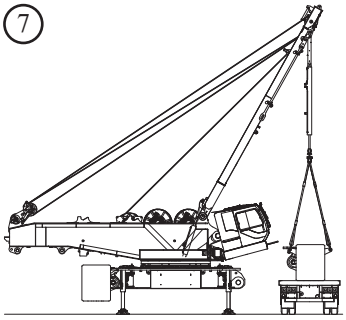

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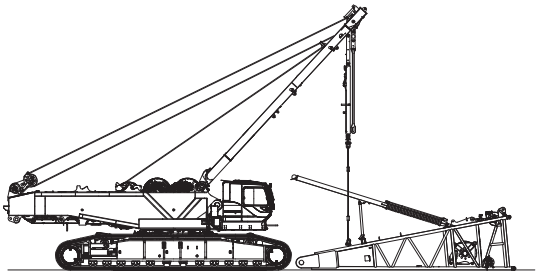

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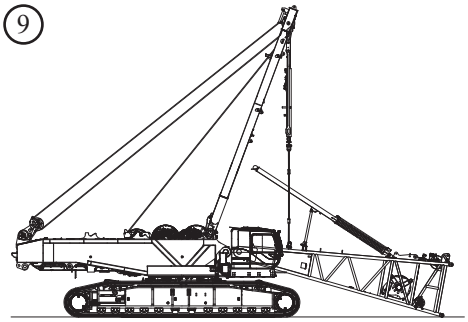

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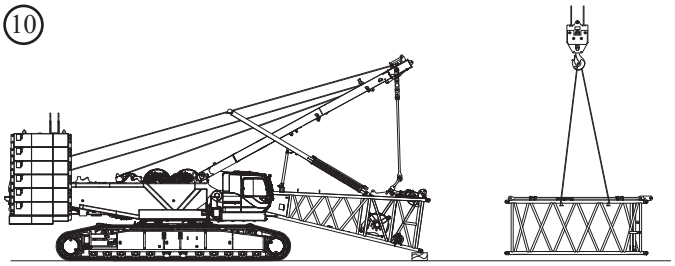

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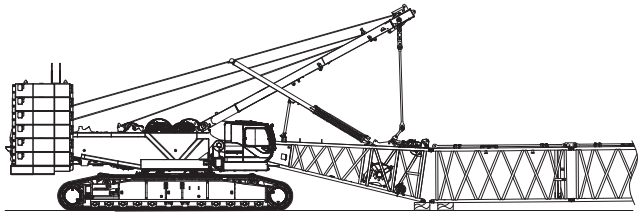

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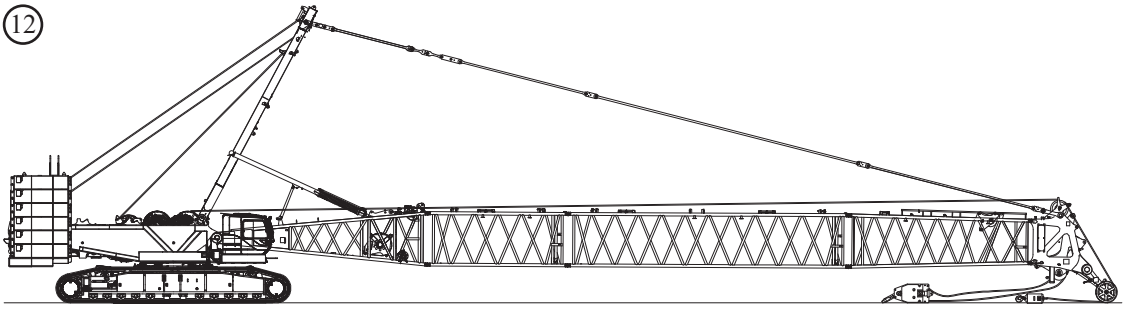
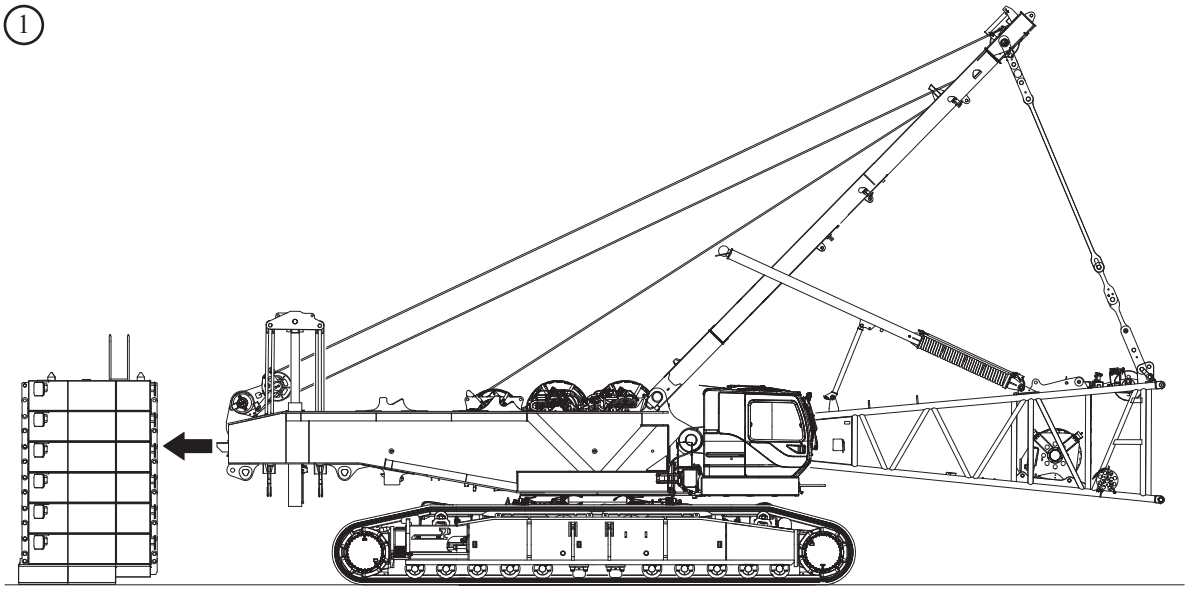


⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
COUNTERWEIGHT SELF REMOVAL DEVICE

①



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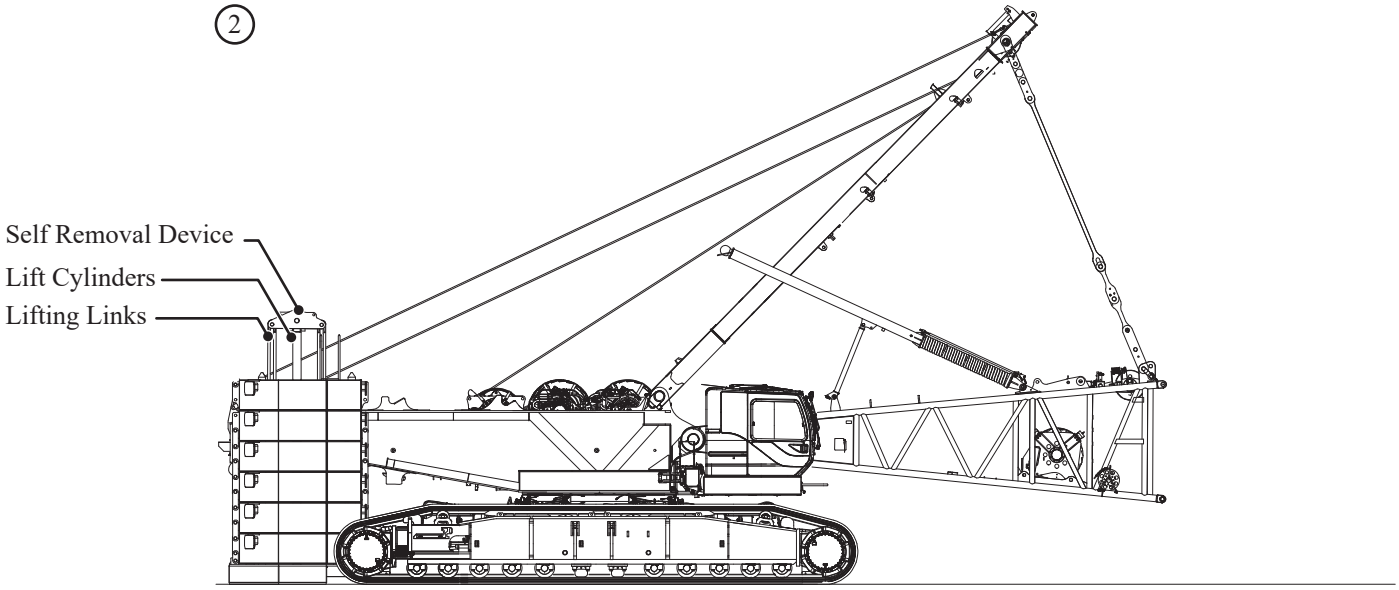

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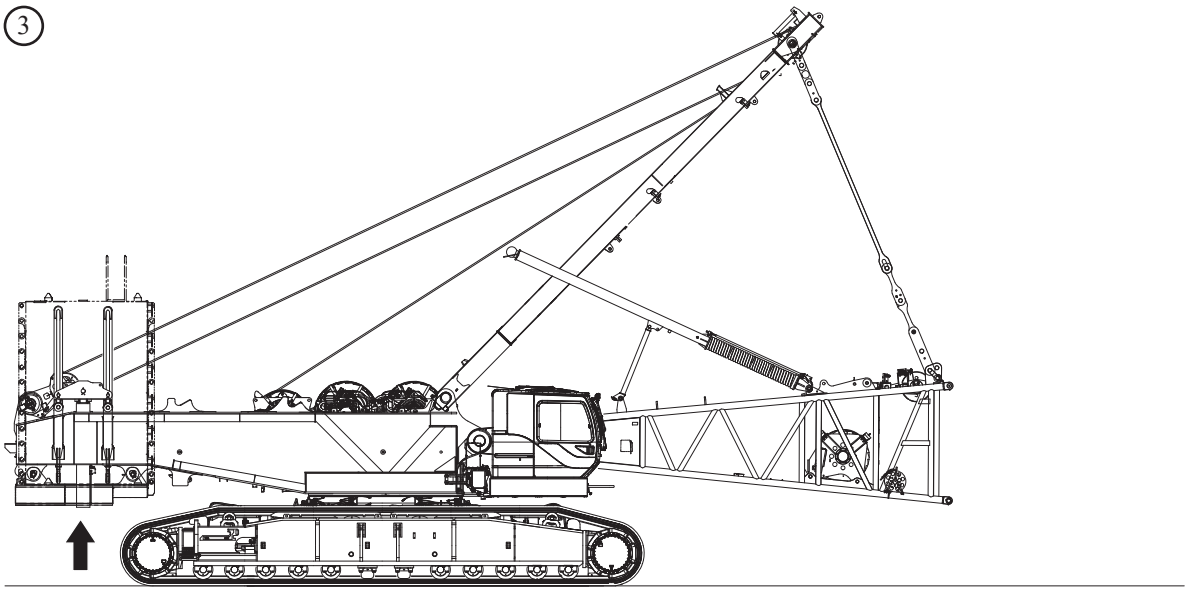
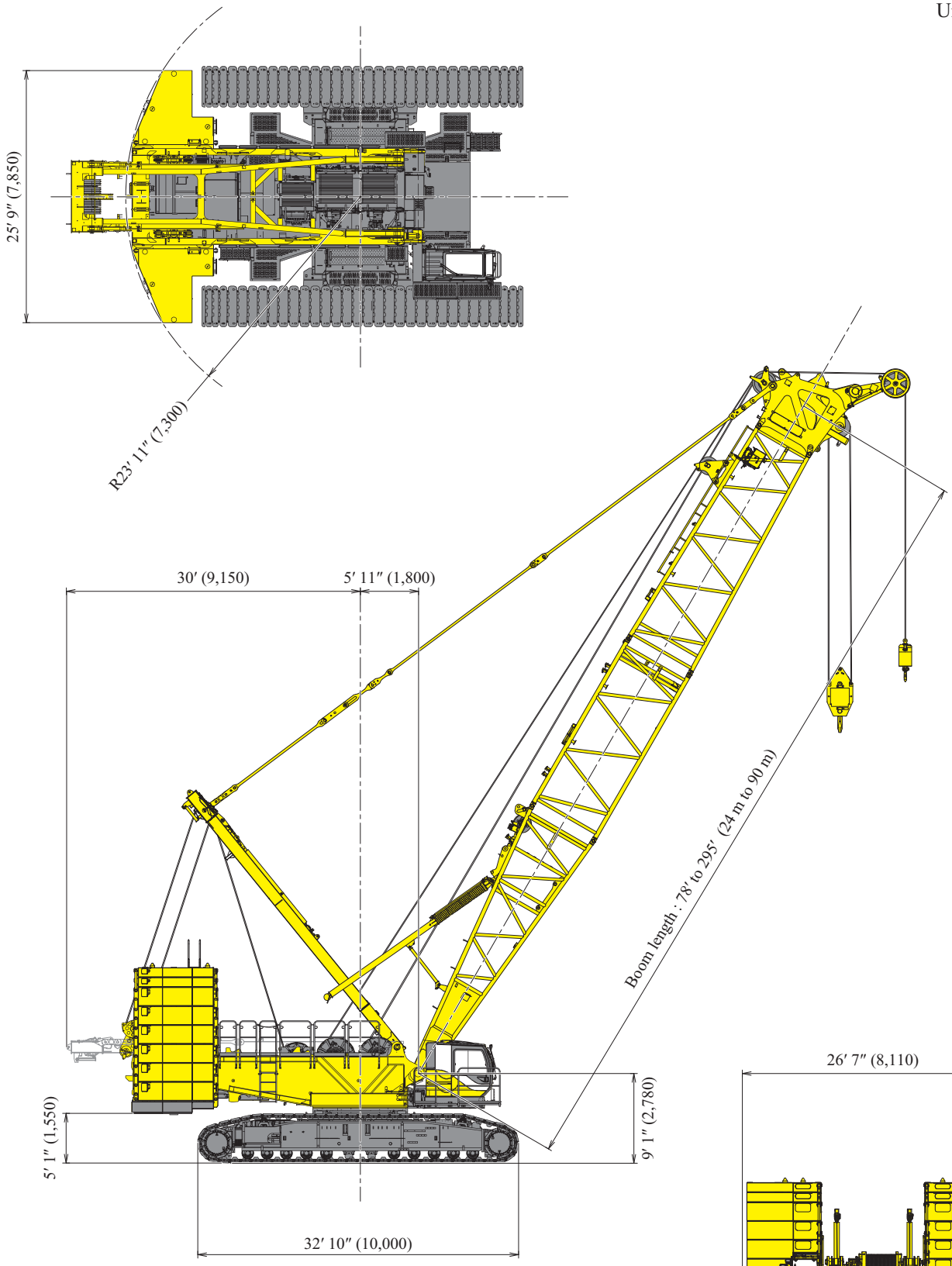


⚠ For reference only.
Operators manual should be consulted and adhered to.

Crane Boom

Unit : ft-in. (mm)



For reference only.
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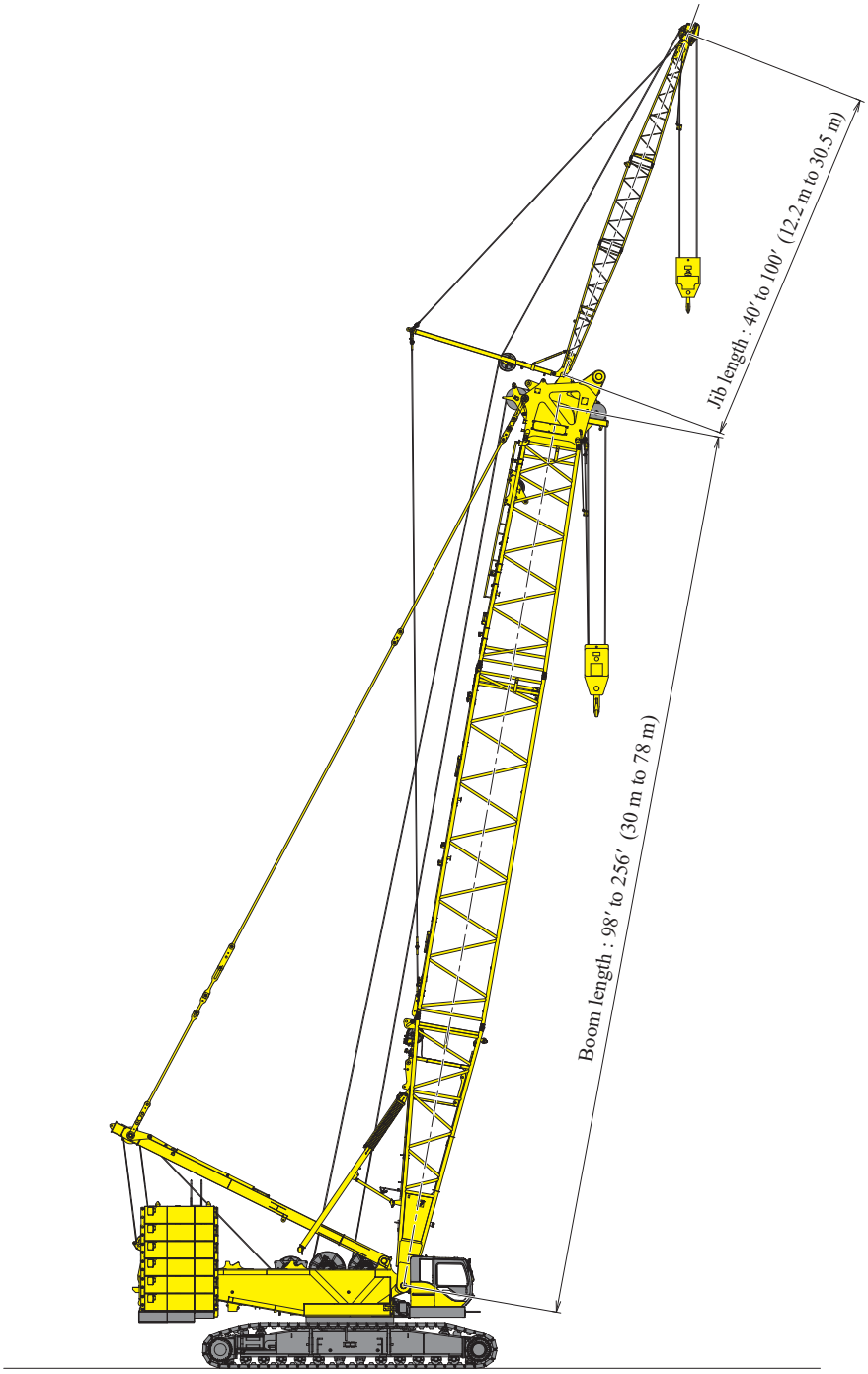
CK3300G-2
CRANE - GENERAL DIMENSIONS

Fixed Jib

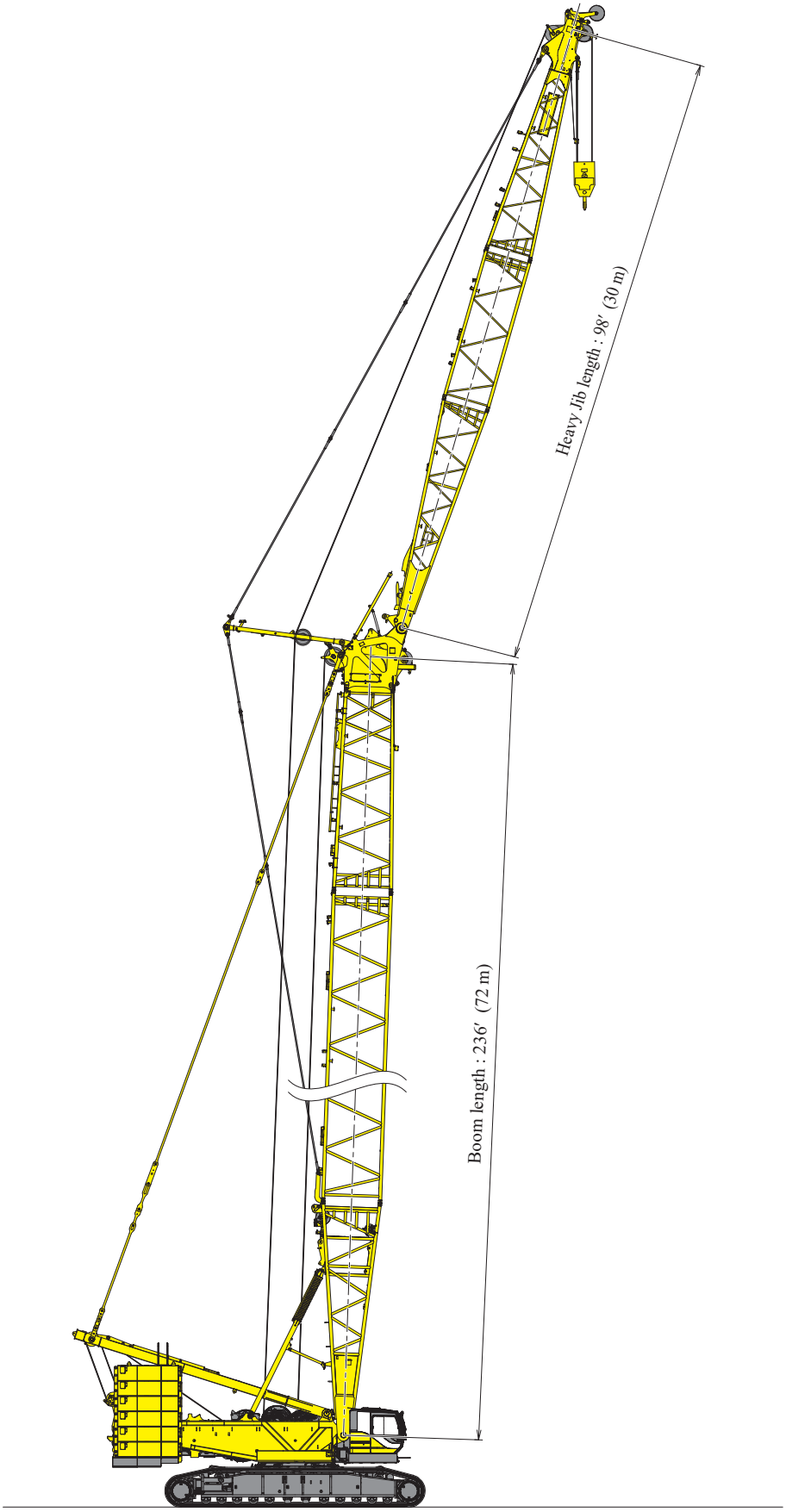
Unit : ft (m)



For reference only.
Operators manual should be consulted and adhered to.

Heavy Fixed Jib

Unit : ft (m)



For reference only.
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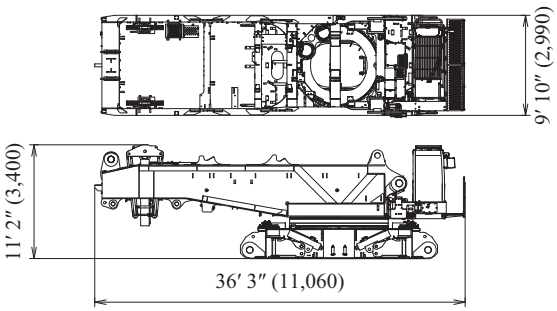
CK3300G-2
CRANE - DIMENSIONS & WEIGHT

Dimensions : ft-in (mm) Weight : lbs (kg)

Base Machine

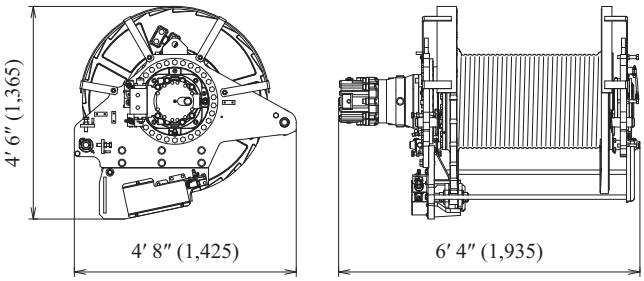
Weight : 91,315 lbs (41,420 kg)

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



H1, H2 Winch (Without Wirerope)

Weight : 5,175 lbs (2,350 kg)



1969′ (600 m) Wirerope

Weight : 5,245 lbs (2,380 kg)

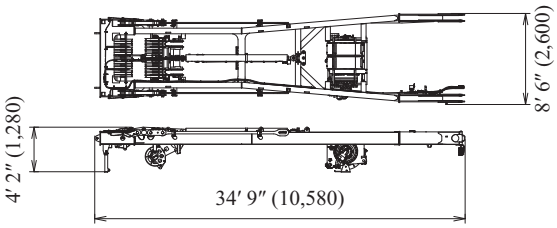
1280′ (390 m) Wirerope

Weight : 3,430 lbs (1,555 kg)

Crane Mast

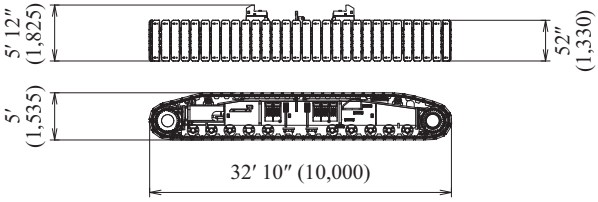
Weight : 22,585 lbs (10,245 kg)

Lower spreader	○
W1 winch	○
Wirerope	○
Guy line	○



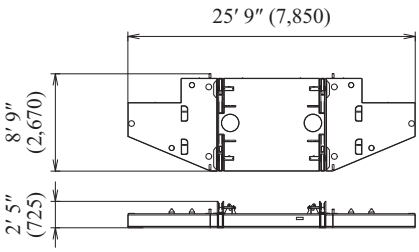
Crawler

Weight : 64,765 lbs (29,380 kg)



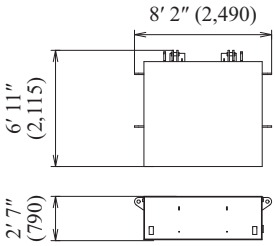
Counterweight Base

Weight : 44,095 lbs (20,000 kg)



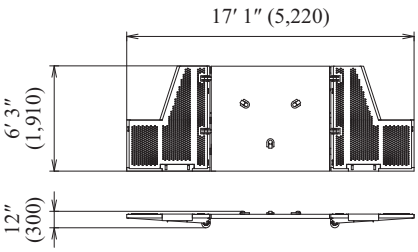
Carbody weight A

Weight : 38,695 lbs (17,550 kg)



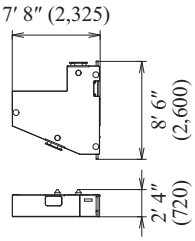
Carbody weight B With Platform

Weight : 6,115 lbs (2,775 kg)



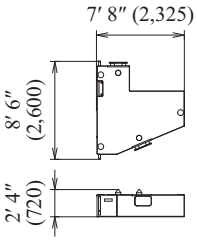
Counterweight A

Weight :
22,050 lbs (10,000 kg)



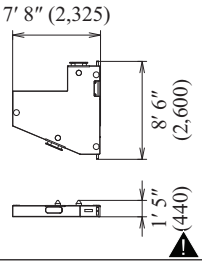
Counterweight B

Weight :
22,050 lbs (10,000 kg)



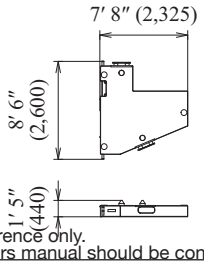
Counterweight C

Weight :
11,025 lbs (5,000 kg)



Counterweight D

Weight :
11,025 lbs (5,000 kg)



For reference only.
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STANDARD CONFIGURATION
CRANE - DIMENSIONS & WEIGHT

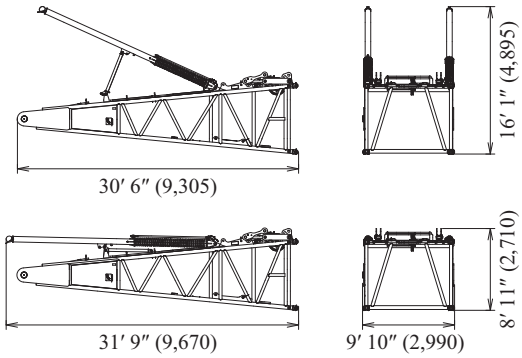
Dimensions : ft-in (mm) Weight : lbs (kg)

30 ft (9 m) Boom Base

Weight : 20,480 lbs (9,290 kg)

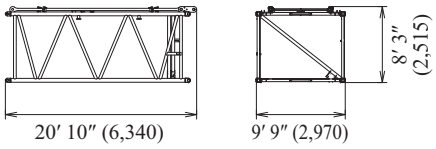
- Guide sheave ○
- Boom backstop ○
- Walkway ○
- Guy lines ○
- Reeving winch and wirerope ○

* Guy lines for luffing strut are not included.
Add 345 lbs (155 kg) to boom if necessary.



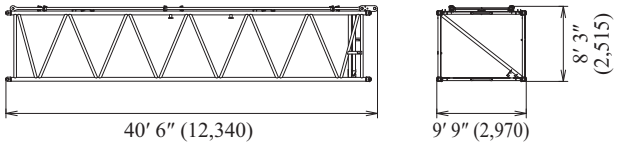
20 ft (6 m) Boom Insert

Weight : 5,090 lbs (2,310 kg)
Includes guy lines and walkway.
* Guy lines for luffing strut are not included.
Add 445 lbs (200 kg) to boom if necessary.



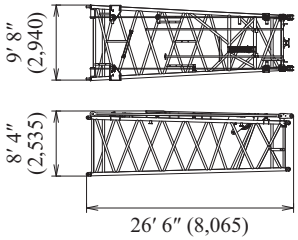
40 ft (12 m) Boom Insert

Weight : 8,860 lbs (4,020 kg)
Includes guy lines and walkway.
* Guy lines for luffing strut are not included.
Add 785 lbs (360 kg) to boom if necessary.



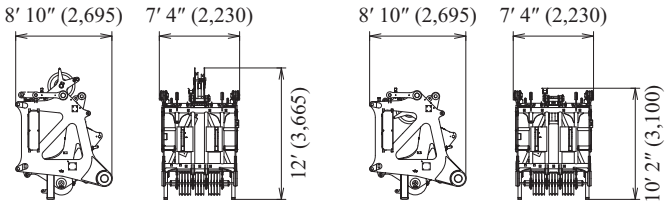
26 ft (7.8 m) Taper Boom Insert

Weight : 7,700 lbs (3,495 kg)
Includes guy lines, walkway and guide sheave.
* Guy lines for luffing strut are not included.
Add 300 lbs (140 kg) to boom if necessary.



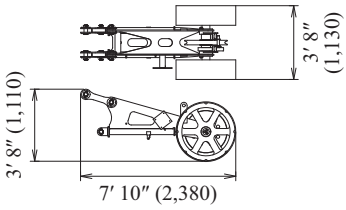
Boom Tip

Weight : 10,100 lbs (4,580 kg)



Auxiliary Sheave

Weight : 1,540 lbs (700 kg)



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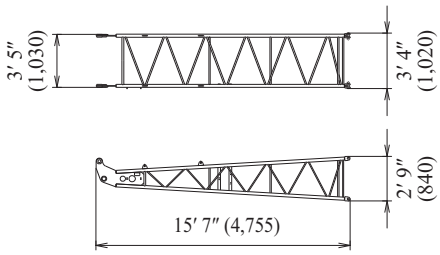
CK3300G-2
CRANE - DIMENSIONS & WEIGHT

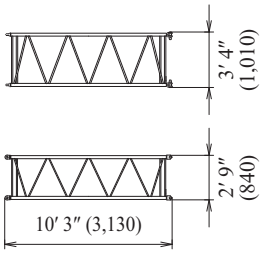
Dimensions : ft-in (mm) Weight : lbs (kg)

Fixed Jib

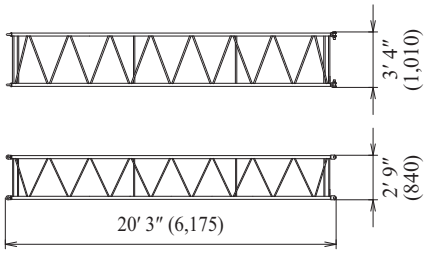
Fixed Jib Base
Weight : 465 lbs (210 kg)



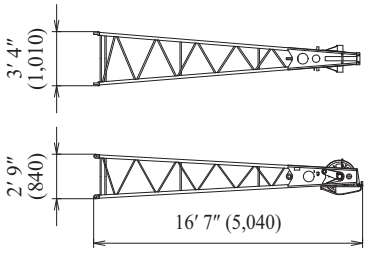
10 ft (3 m) Fixed Jib Insert
Weight : 245 lbs (110 kg)



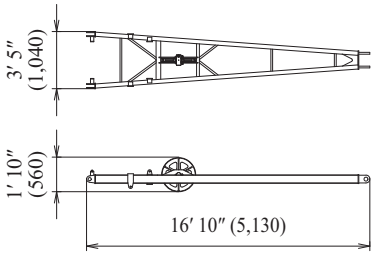
20 ft (6 m) Fixed Jib Insert
Weight : 420 lbs (190 kg)



Fixed Jib Tip
Weight : 700 lbs (315 kg)



Fixed Jib Strut
Weight : 660 lbs (300 kg)



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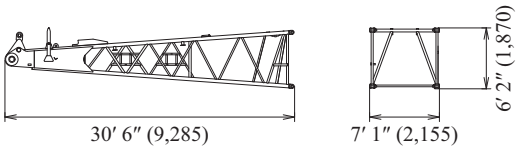
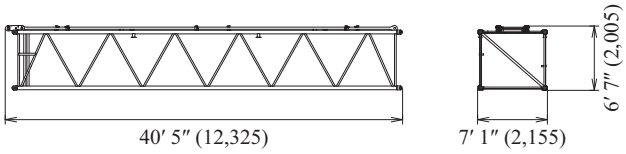
Dimensions : ft-in (mm) Weight : lbs (kg)

Heavy Fixed Jib

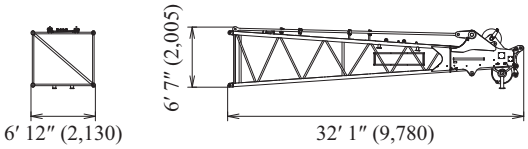
Heavy Fixed (Luffing) Jib Base
Weight : 6,100 lbs (2,770 kg)
Includes walkway.



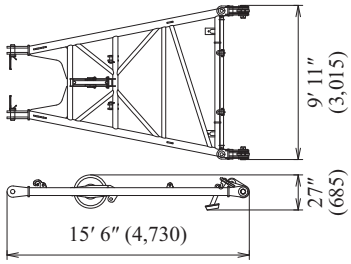
40 ft (12 m) Heavy Fixed (Luffing) Jib Insert
Weight : 4,170 lbs (1,890 kg)
Includes guy lines and walkway.



Heavy Fixed (Luffing) Jib Tip
Weight : 6,615 lbs (3,000 kg)
Includes guy lines and walkway.



Heavy Fixed Jib Strut
Weight : 2,205 lbs (1,000 kg)
Guy lines are not included.



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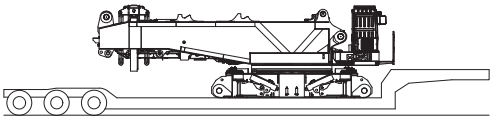
CK3300G-2
CRANE - TRANSPORTATION PLAN

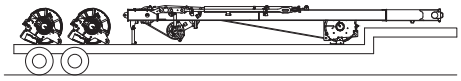
Configuration : Standard CR 295′ (Counterweight : 352,700 lbs, Carbody weight 88,200 lbs)

Item	Qty.	Net wt.		Trailer																
		k-lbs	m-ton	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17
Base machine without H1 and H2 hoist winch	1	91.3	41.4	1																
H1 hoist none free fall winch with 1,969′ wire rope	1	10.4	4.7		1															
H2 hoist none free fall winch with 1,969′ wire rope	1	10.4	4.7		1															
Standard mast w/W1 winch	1	22.6	10.2		1															
Left crawler frame with 52″ shoe	1	64.8	29.4			1														
Right crawler frame with 52″ shoe	1	64.8	29.4				1													
Base counterweight	1	44.1	20.0					1												
Counterweight (20,050 lbs)	12	22.1	10.0									1	1	1	1	1	1	2	2	2
Counterweight (11,025 lbs)	4	11.0	5.0										1	1	1	1				
Base carbody weight	2	38.7	17.6							1	1									
Carbody weight w/step	2	6.1	2.8									2								
Base boom without W2 winch	1	20.5	9.3						1											
20′ boom insert (*)	2	5.1	2.3							1	1									
40′ boom insert (*)	5	8.9	4.0									1	1	1	1	1				
Boom tip, 26′ taper boom (*) and aux sheave	1	19.3	8.8														1			
110 US ton hook block	1	6.0	2.7						1											
(*) : including guy lines for crane.	Gross wt. (×1,000 lbs)			91.3	43.4	64.8	64.8	44.1	26.4	43.8	43.8	43.1	41.9	41.9	41.9	41.9	41.4	44.1	44.1	44.1

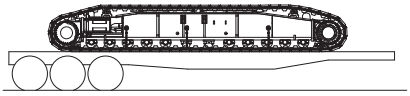
Trailer #1



Trailer #2



Trailer #3



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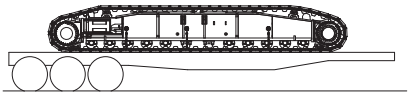

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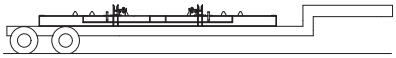

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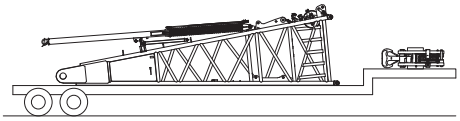

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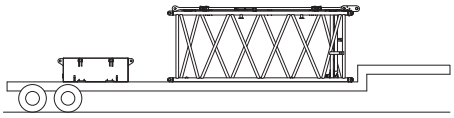

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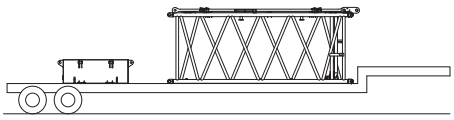

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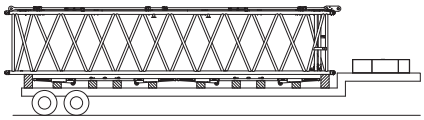

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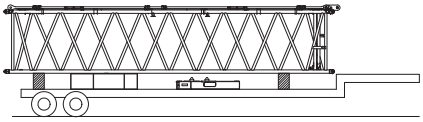

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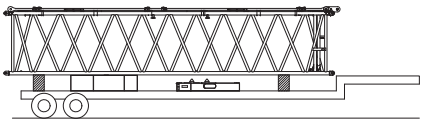

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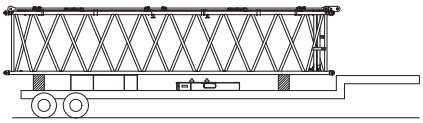

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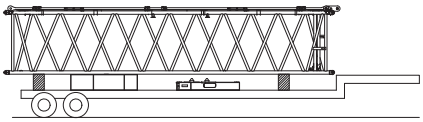

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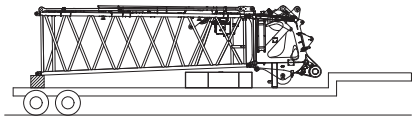

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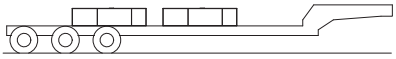

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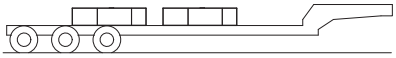

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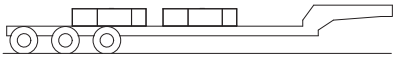
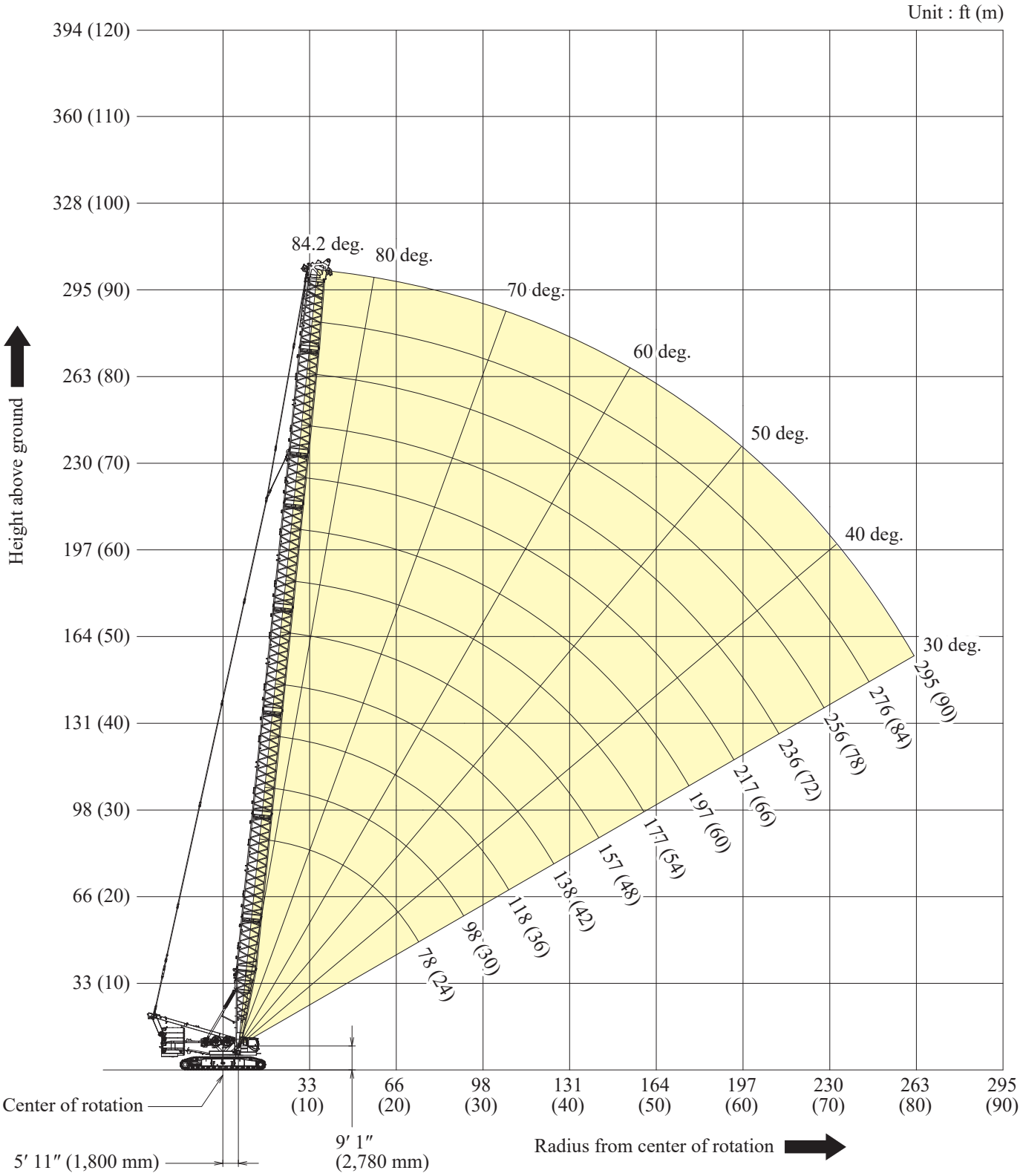


⚠ For reference only.
Operators manual should be consulted and adhered to.

Main Boom



- Working weight*1 : 806,545 lbs (365,845 kg)
- Ground bearing pressure*1 : Approx. 22.2 psi (153 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

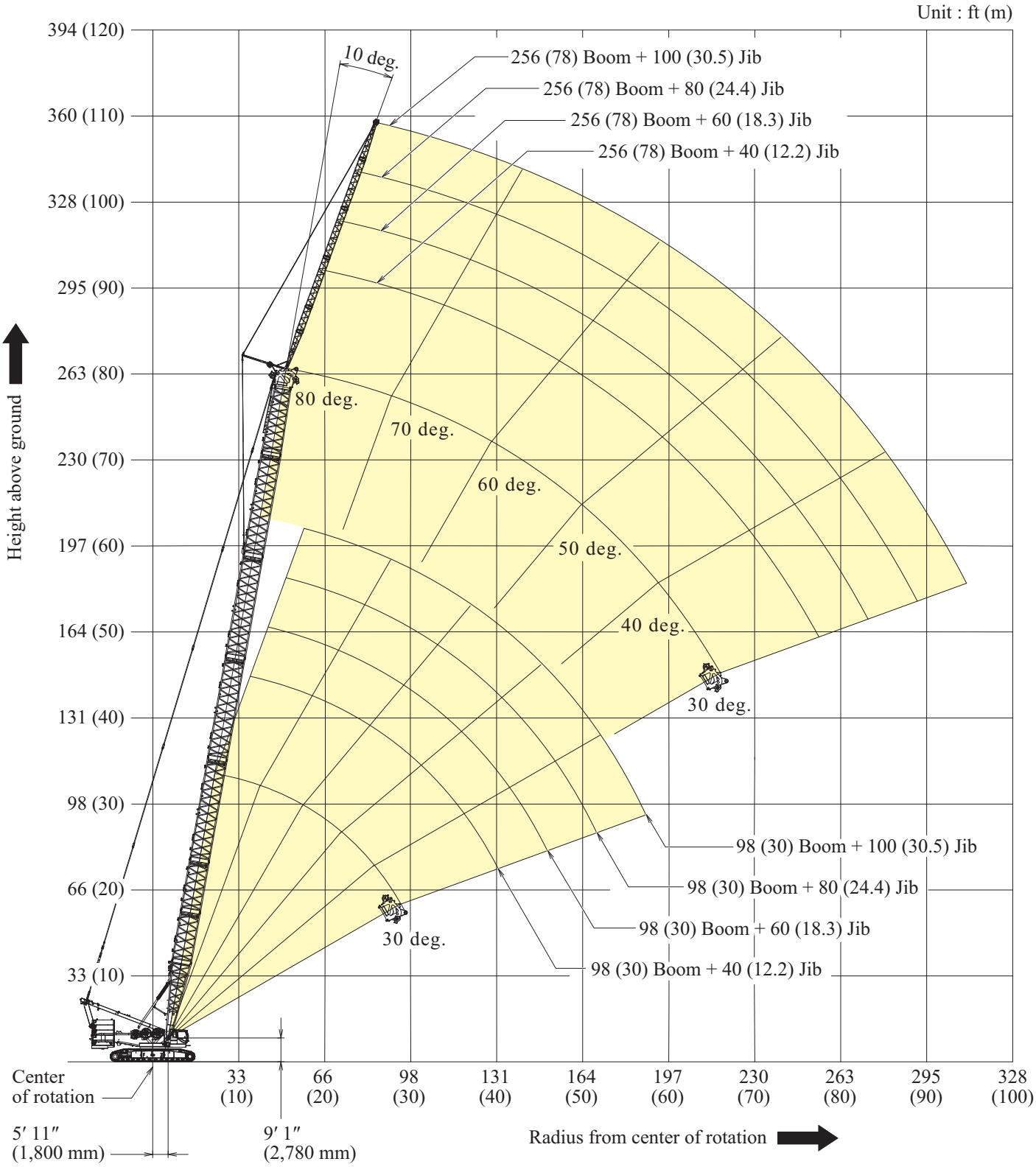
*1 : Including base machine, counterweights : 352,700 lbs (160,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 295 ft (90 m) standard boom and 110 US ton hook block.

*2 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) standard boom and 386 US ton hook block.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
CRANE - WORKING RANGES

Fixed Jib 10 deg.



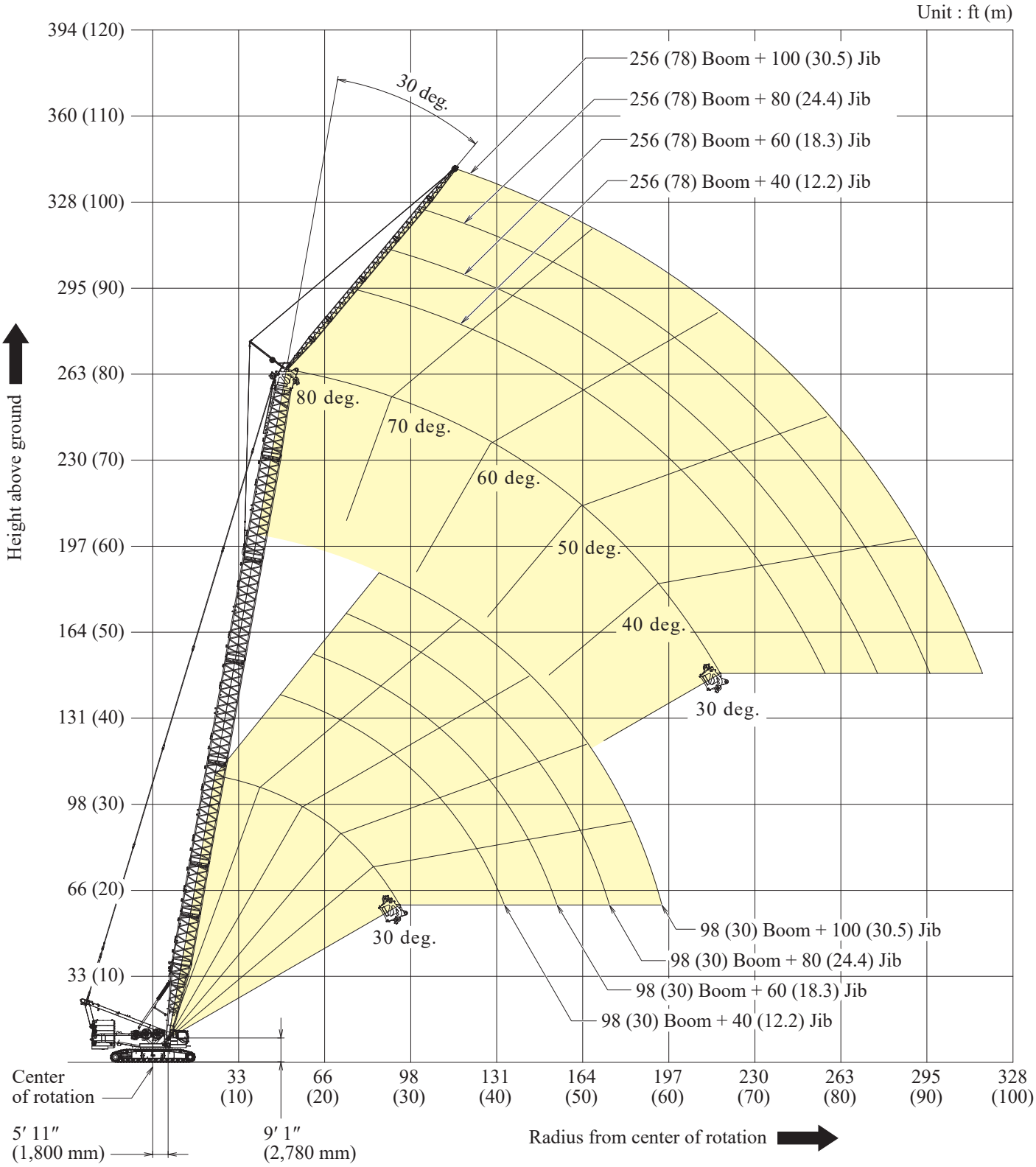
- Working weight*1 : 757,570 lbs (343,630 kg)
- Ground bearing pressure*1 : Approx. 20.9 psi (144 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 256 ft (78 m) standard boom, 100 ft (30.5 m) fixed jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) standard boom and 386 US ton hook block.

⚠ For reference only. Operators manual should be consulted and adhered to.

Fixed Jib 30 deg.



- Working weight*1 : 757,570 lbs (343,630 kg)
- Ground bearing pressure*1 : Approx. 20.9 psi (144 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 256 ft (78 m) standard boom, 100 ft (30.5 m) fixed jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) standard boom and 386 US ton hook block.

⚠ For reference only.
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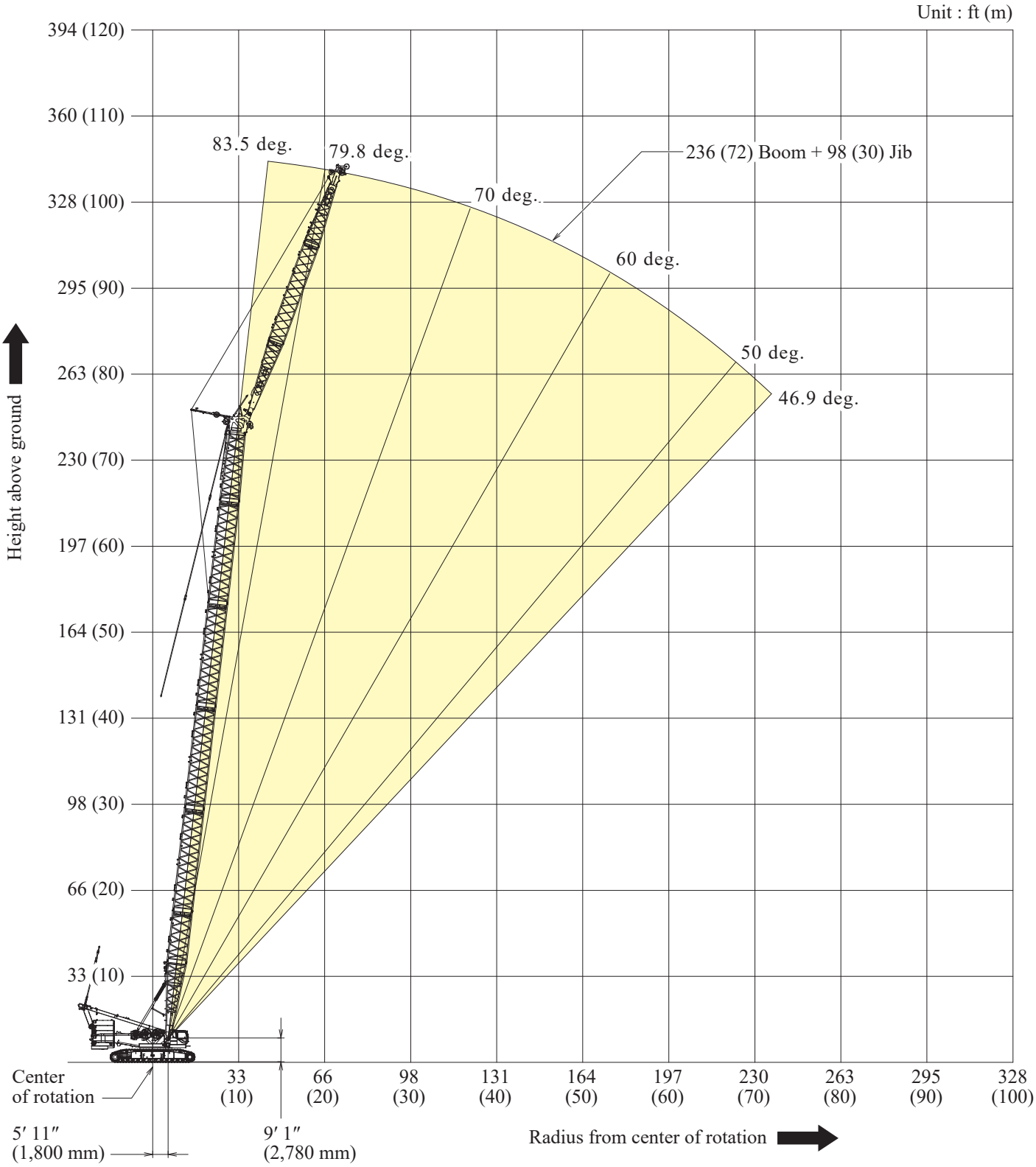
CK3300G-2
CRANE - WORKING RANGES

Heavy Fixed Jib



- Working weight*1 : 781,400 lbs (354,442 kg)
- Ground bearing pressure*1 : Approx. 21.6 psi (149 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 236 ft (72 m) standard boom, 98 ft (30 m) heavy fixed jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,700 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) standard boom and 386 US ton hook block.

⚠ For reference only.
Operators manual should be consulted and adhered to.

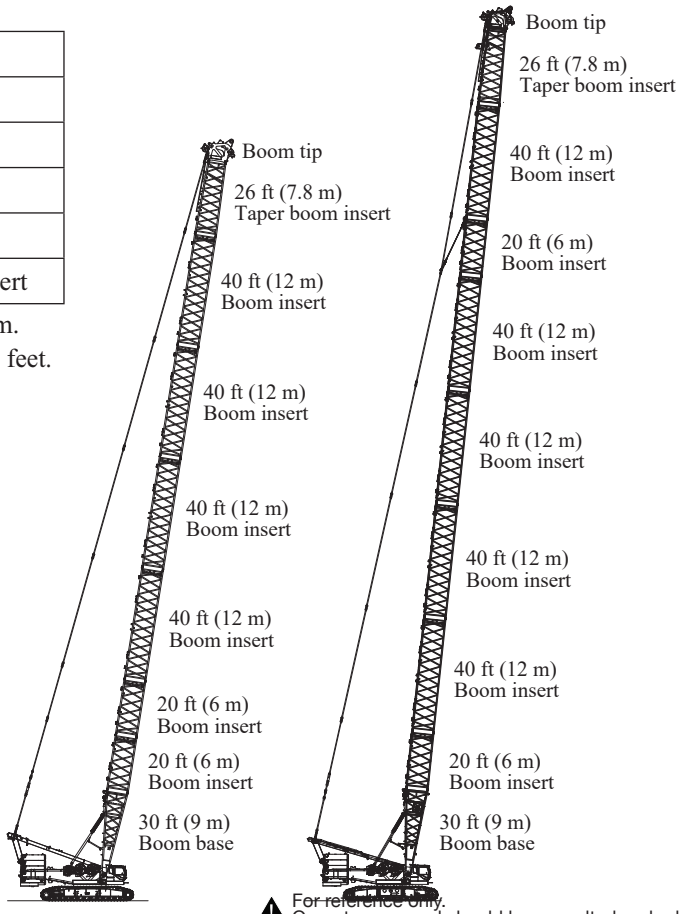
Boom Arrangement

Boom length : ft (m)	Boom arrangement	Aux. Sheave	Counterweight : lbs			
			220,500	264,600	308,600	352,700
78 (24)	30 L, 20, 26T, U	○	○	○	○	○
98 (30)	* 30 L, 20, 20, 26T, U 30 L, 40, 26T, U	○	×	○	○	○
118 (36)	* 30 L, 20, 40, 26T, U	○	×	○	○	○
138 (42)	* 30 L, 20, 20, 40, 26T, U 30 L, 40, 40, 26T, U	○	×	○	○	○
157 (48)	* 30 L, 20, 40, 40, 26T, U	○	×	○	○	○
177 (54)	* 30 L, 20, 20, 40, 40, 26T, U 30 L, 40, 40, 40, 26T, U	○	×	○	○	○
197 (60)	* 30 L, 20, 40, 40, 40, 26T, U	○	×	○	○	○
217 (66)	* 30 L, 20, 20, 40, 40, 40, 26T, U 30 L, 40, 40, 40, 40, 26T, U	○	×	○	○	○
236 (72)	* 30 L, 20, 40, 40, 40, 40, 26T, U	○	×	○	○	○
256 (78)	* 30 L, 20, 20, 40, 40, 40, 40, 26T, U 30 L, 40, 40, 40, 40, 40, 26T, U	○	×	○	○	○
276 (84)	* 30 L, 40, 40, 40, 40, 20, 40, 26T, U	○	×	○	○	○
295 (90)	* 30 L, 20, 40, 40, 40, 40, 20, 40, 26T, 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
30 L	30 ft (9 m)	Boom Base
U	4 ft (1.2 m)	Boom Tip
20	20 ft (6 m)	Boom Insert
40	40 ft (12 m)	Boom Insert
26 T	26 ft (7.8 m)	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.



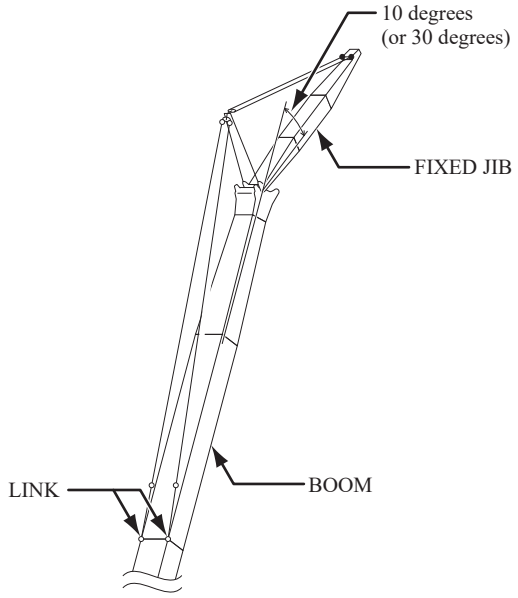
For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
CRANE - BOOM AND JIB ARRANGEMENTS

Fixed Jib Arrangement

Crane Boom length : ft (m)	Jib length : ft (m)	Jib arrangement
98 (30) to 256 (78)	40 (12.2)	B 10 T
	60 (18.3)	B 10 20 T
	80 (24.4)	B 10 20 20 T
	100 (30.5)	B 10 20 20 20 T

Symbol	Length	Remarks
B	15 ft (4.6 m)	Jib Base
T	15 ft (4.6 m)	Jib Tip
10	10 ft (3.0 m)	Jib Insert
20	20 ft (6.1 m)	Jib Insert

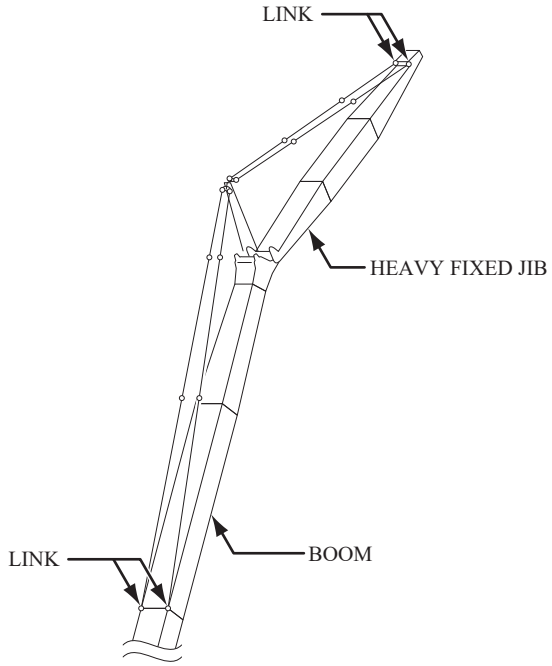


Heavy Fixed Jib Arrangement

Crane Boom length : ft (m)	Heavy jib length : ft (m)	Heavy jib arrangement
236 (72)	98 (30)	30 LJ 40 30 UJ

Symbol	Length	Remarks
30 LJ	30 ft (9 m)	Heavy (Luffing) Jib Base
30 UJ	30 ft (9 m)	Heavy (Luffing) Jib Tip
40	40 ft (12 m)	Heavy (Luffing) Jib Insert

*Actual length of heavy fixed jib sections are metric such as 9 m and 12 m. The value shown above or in the chart are approximate conversion to feet.



For reference only.
Operators manual should be consulted and adhered to.

Boom and Fixed Jib

1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).

2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.

- Boom backstops are required for all boom lengths.
- The crane must be leveled to within 1% on a firm supporting surface.
- Counterweights and carbody weights are installed according to the instruction.

4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.

5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.

6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be sub-tracted from the rated load to obtain the weight that can be lifted.

7. When lifting at boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Aux. sheave for luffing boom

Deductions : lbs	1,500

Fixed jib

Jib length : ft	40	60	80	100
Deductions : lbs	7,055	8,010	8,965	9,920

8. The total load that can be lifted over an auxiliary sheave is the value for 1,500 lbs deducted from rated load for the boom without auxiliary sheave, but it should not exceed auxiliary maximum hoist loads.

9. The total load that can be lifted at a jib is limited by rated jib loads.

10. Boom lengths that can attach auxiliary sheave are from 78 ft (24 m) to 276 ft (84 m).

11. Boom lengths for jib mounting are 98 ft (30 m) to 256 ft (78 m).

12. 40 ft (12.2 m) jib length with offset angle 10 degrees, one part of line on hook is not allowed to use.

13. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the luffing boom at length of 256 ft (78 m) or over, the pillow plates for erection must be placed at the end of the crawlers.

14. The minimum rated load is as shown below

Crane boom	9,700 lbs (4.4 t)
Fixed jib	5,900 lbs (2.7 t)

15. Least stable position is over the side.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Boom and Fixed Jib

16. 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 (2×2)	6 (2×3)	8 (2×4)	10 (2×5)
Max. Loads : lbs	132,200	198,400	264,500	330,600
Max. Loads : t	60.0	90.0	120.0	150.0

No. of Parts of line	12 (2×6)	14 (2×7)	16 (2×8)	18 (2×9)
Max. Loads : lbs	396,800	462,900	529,100	595,200
Max. Loads : t	180.0	210.0	240.0	270.0

No. of Parts of line	20 (2×10)	22 (2×11)	24 (2×12)
Max. Loads : lbs	661,300	727,500	771,600
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 : lbs	33,000	66,100	99,200	132,200
Max. Loads : t	15.0	30.0	45.0	60.0

No. of Parts of line	5	6	7	8
Max. Loads : lbs	165,300	198,400	231,400	264,500
Max. Loads : t	75.0	90.0	105.0	120.0

No. of Parts of line	9	10	11	12
Max. Loads : lbs	297,600	330,600	363,700	396,800
Max. Loads : t	135.0	150.0	165.0	180.0

No. of Parts of line	13	14	15	16
Max. Loads : lbs	426,500	454,100	482,800	509,200
Max. Loads : t	193.5	206.0	219.0	231.0

No. of Parts of line	17	18	19	20
Max. Loads : lbs	536,800	562,100	588,600	613,900
Max. Loads : t	243.5	255.0	267.0	278.5

No. of Parts of line	21	22
Max. Loads : lbs	638,200	661,300
Max. Loads : t	289.5	300.0

Auxiliary Hoist Loads

No. of Parts of line	1	2
Max. Loads : lbs	33,000	66,100
Max. Loads : t	15.0	30.0

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

Jib Hoist Loads

No. of Parts of line	1	2
Max. Loads : lbs	29,700	59,500
Max. Loads : t	13.5	27.0

18. Weight of recommended hook block.

Hook block	386 USt	220 USt	110 USt	50 USt	BALL HOOK
Weight : lbs	14,110	9,040	5,950	4,850	1,985
Number of sheave	13	7	3	1	-

⚠ WARNING

If the weight of hook block to be used is lighter than the recommended weight, the boom may turnover backward or it is difficult to lower the empty hook block.

19. The rated load of work when the strut guy line for luffing jib is installed on the boom surface is value in the rated load chart minus the value in the table below.

Crane Boom

Boom length : ft	78	98	118	138
Reduced amount : lbs	2,600	2,400	2,400	2,400

Boom length : ft	157	177	197	217
Reduced amount : lbs	2,400	2,600	2,600	2,800

Boom length : ft	236	256	276	295
Reduced amount : lbs	2,800	3,000	2,600	2,800

Fixed Jib

Boom length : ft	98	118	138	157
Reduced amount : lbs	1,900	1,700	1,700	1,700

Boom length : ft	177	197	217	236
Reduced amount : lbs	1,700	1,700	1,900	2,200

Boom length : ft	256
Reduced amount : lbs	2,200

⚠ For reference only.
Operators manual should be consulted and adhered to.

Boom and Fixed Jib

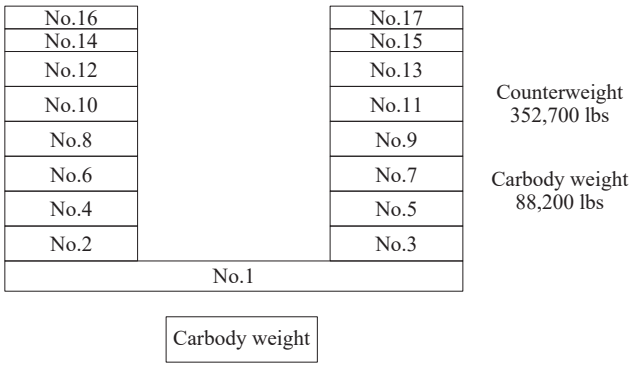
20. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

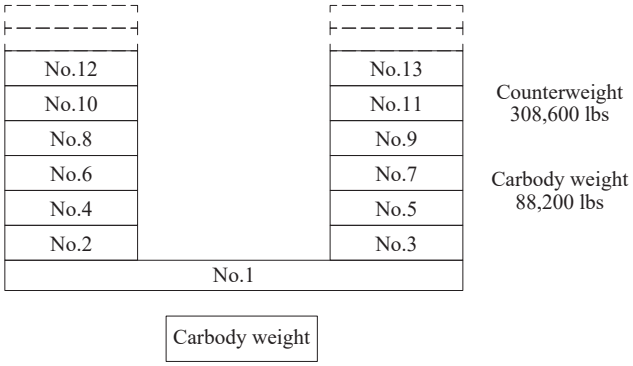
21. Designed and rated to comply with ASME B30.5-2014.

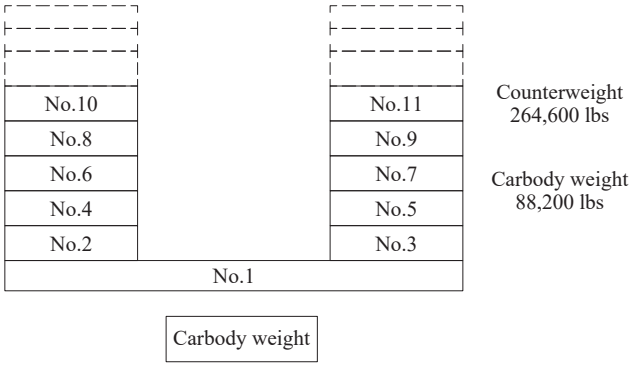
Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

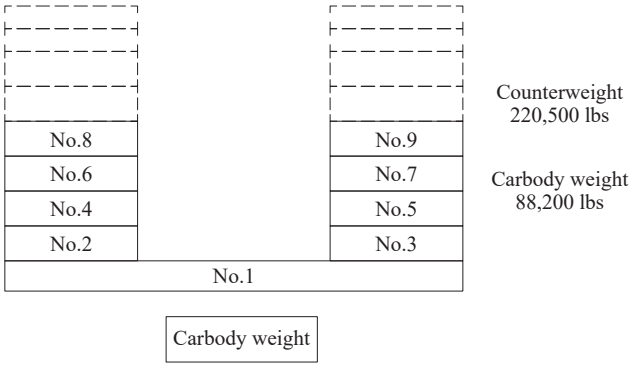
[Reference Information]

Assembling the counterweight









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Operators manual should be consulted and adhered to.

Heavy Fixed Jib

1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).

2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
   - Boom backstops are required for all boom lengths.
   - The crane must be leveled to within 1% on a firm supporting surface.
   - Counterweights and carbody weights are fully installed.

4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.

5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.

6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be sub-tracted from the rated load to obtain the weight that can be lifted.

7. Boom and Jib combinations 236 ft (72 m) boom and 98 ft (30 m) jib.

8. The boom should be erected and lowered over the front of the crawlers. The blocks must be placed at the end of the crawlers for erection and lowering.

9. The minimum rated load is 5,900 lbs (2.7 t).

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

Heavy Jib Hoist Loads

No. of Parts of line	1	2	3
Max. Loads : lbs	30,870	61,740	88,200
Max. Loads : t	13.7	27.5	39.2

11. Weight of recommended hook block.

Hook block	50 USt
Weight : lbs	4,850
Number of sheave	1

WARNING

If the weight of hook block to be used is lighter than the recommended weight, the boom may turnover backward or it is difficult to lower the empty hook block.

12. The rated load of work when the strut guy line for luffing jib is installed on the boom surface is value in the rated load chart minus the value in the table below.

Boom length : ft	236
Reduced amount : lbs	2,200

13. Least stable position is over the side.

14. 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.

15. Designed and rated to comply with ASME B30.5-2014.

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

For reference only.
Operators manual should be consulted and adhered to.

NOTES

For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
MAIN BOOM LIFT CAPACITY

78 ft Boom		98 ft Boom		118 ft Boom		138 ft Boom		157 ft Boom		177 ft Boom	
Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)
18.1	661,300 *										
19	629,100 *										
20	597,700 *										
22	544,900 *			22	542,300 *						
24	498,900 *			24	498,900 *	24	497,000 *				
26	459,400 *	26.3	454,500 *	26	459,400 *	26	459,200 *	26	458,800 *	27.9	427,600 *
28	427,300 *	28	427,400 *	28	427,400 *	28	427,400 *	28	427,400 *	28	426,000 *
30	398,000 *	30	398,000 *	30	398,000 *	30	398,000 *	30	398,000 *	30	398,000 *
32	373,400 *	32	373,400 *	32	373,400 *	32	373,400 *	32	373,400 *	32	373,400 *
34	352,500 *	34	352,500 *	34	352,500 *	34	352,500 *	34	352,500 *	34	352,500 *
36	334,000 *	36	334,000 *	36	334,000 *	36	334,000 *	36	334,000 *	36	334,000 *
38	315,500 *	38	315,500 *	38	315,500 *	38	315,500 *	38	315,500 *	38	315,500 *
40	297,300 *	40	297,300 *	40	298,700 *	40	298,700 *	40	298,700 *	40	298,700 *
42	279,400 *	42	279,400 *	42	285,500 *	42	285,500 *	42	285,500 *	42	285,500 *
44	261,600	44	261,600	44	272,400 *	44	272,400 *	44	272,400 *	44	272,400 *
46	259,300 *	46	259,300 *	46	259,300 *	46	259,300 *	46	259,300 *	46	259,300 *
48	249,000 *	48	249,000 *	48	248,400 *	48	248,000 *	48	247,600 *	48	249,400 *
50	238,700	50	238,600	50	237,500	50	236,700	50	236,000	50	239,400 *
55	212,900	55	212,600	55	210,900	55	217,400 *	55	217,400 *	55	217,400 *
60	188,000	60	199,000 *	60	199,000 *	60	198,800 *	60	198,600 *	60	198,300 *
65	168,400	65	183,500 *	65	183,500 *	65	182,700	65	181,300 *	65	179,100 *
70	168,500	70	168,200	70	167,000	70	165,900	70	164,500	70	162,600
75	153,300 *	75	153,900	75	152,100	75	150,800	75	149,500	75	147,800
76.1	149,900 *	80	140,900	80	139,100	80	137,800	80	136,400	80	134,700
		85	129,600	85	128,000	85	126,500	85	125,200	85	123,400
		90	120,200	90	118,500	90	117,000	90	115,700	90	113,900
		93.1	114,600	95	110,200	95	108,500	95	107,200	95	105,400
				100	102,800	100	101,000	100	99,600	100	97,900
				110	90,200	110	88,400	110	86,900	110	85,100
				110.2	89,900	120	78,100	120	76,500	120	74,700
						127.2	71,800	130	68,100	130	66,200
								140	61,300	140	59,200
								144.3	58,400	150	53,100
										160	47,800
										161.4	47,100

COUNTER WEIGHT	
	220,500 lbs
	264,600 lbs
	308,600 lbs
	352,700 lbs

For reference only.
Operators manual should be consulted and adhered to.

STANDARD CONFIGURATION

197 ft Boom		217 ft Boom		236 ft Boom		256 ft Boom		276 ft Boom		295 ft Boom	
Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)	Load Radius (ft)	360° Rated Load (lbs)
29.9	399,600*										
30	397,900*	31.9	375,000*								
32	373,400*	32	372,900*	33.8	321,400*						
34	352,500*	34	352,500*	34	320,700*	35.8	270,700*				
36	334,000*	36	334,000*	36	314,100*	36	270,300*	37.8	233,000*		
38	315,500*	38	315,500*	38	307,400*	38	267,500*	38	232,900*	39.7	187,300*
40	298,700*	40	298,700*	40	298,700*	40	264,700*	40	232,000*	40	187,300*
42	285,500*	42	285,500*	42	285,500*	42	262,000*	42	231,000*	42	187,300*
44	272,400*	44	272,400*	44	272,400*	44	259,200*	44	230,000*	44	187,300*
46	259,300*	46	259,300*	46	259,300*	46	256,200*	46	229,000*	46	187,300*
48	249,400*	48	249,400*	48	249,400*	48	247,000*	48	227,600*	48	187,300*
50	239,400*	50	239,400*	50	239,400*	50	237,700*	50	226,300*	50	187,300*
55	216,700*	55	215,800*	55	215,100*	55	213,800*	55	212,100*	55	187,300*
60	196,300*	60	194,100*	60	192,300*	60	190,100*	60	188,300*	60	184,100*
65	177,100*	65	174,900*	65	173,200*	65	170,800*	65	169,000*	65	167,000*
70	161,100	70	159,000*	70	157,300*	70	155,000*	70	153,100*	70	151,300*
75	146,500	75	144,800*	75	143,400*	75	141,100*	75	139,200*	75	137,400*
80	133,400	80	132,000	80	131,200	80	128,900*	80	127,100*	80	125,200*
85	122,100	85	120,600	85	119,900	85	118,300	85	116,600*	85	114,600*
90	112,600	90	111,000	90	110,200	90	108,700	90	107,200	90	105,600*
95	104,100	95	102,600	95	101,700	95	100,100	95	98,700	95	97,400*
100	96,500	100	95,000	100	94,100	100	92,400	100	91,000	100	90,000*
110	83,800	110	82,100	110	81,100	110	79,400	110	78,100	110	77,200
120	73,300	120	71,600	120	70,700	120	69,000	120	67,500	120	66,700
130	64,700	130	62,900	130	62,000	130	60,300	130	58,700	130	57,900
140	57,600	140	55,900	140	54,800	140	53,100	140	51,500	140	50,600
150	51,500	150	49,600	150	48,500	150	46,800	150	45,200	150	44,300
160	46,200	160	44,200	160	43,100	160	41,300	160	39,700	160	38,800
170	41,700	170	39,700	170	38,400	170	36,600	170	34,900	170	34,000
178.4	38,300	180	35,800	180	34,500	180	32,500	180	30,800	180	29,900
		190	32,200	190	30,900	190	28,900	190	27,200	190	26,200
		195.5	30,400	200	27,700	200	25,700	200	23,900	200	22,800
				210	24,900	210	22,900	210	20,900	210	19,600*
				212.5	24,200	220	20,400	220	18,400	220	16,700*
						229.3	17,800*	230	15,800*	230	14,100*
								240	13,400*	236.2	12,500*
								246.4	11,900*		

Ratings shown in ☐ in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
⚠ For reference only. Operators manual should be consulted and adhered to.

Refer to notes on 25 to 26.

CK3300G-2
CRANE - LIFTING CAPACITY

Main Boom Lift Capacity

Counterweights : 220,500 lbs (100,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

78 ft (24 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
18.1	84.2	661,300 *
19.0	83.5	629,100 *
20.0	82.8	597,700 *
22.0	81.3	544,900 *
24.0	79.8	498,900 *
26.0	78.3	459,400 *
28.0	76.8	427,300 *
30.0	75.3	397,100 *
32.0	73.8	369,700 *
34.0	72.2	342,900 *
36.0	70.7	316,500 *
38.0	69.1	290,100
40.0	67.5	266,600
42.0	65.9	249,600
44.0	64.2	232,500
46.0	62.6	215,600
48.0	60.9	204,000
50.0	59.1	192,500
55.0	54.6	167,600
60.0	49.8	147,800
65.0	44.6	132,000
70.0	38.8	119,100
75.0	32.1	107,900
76.1	30.3	105,600

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 25 to 26.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Main Boom Lift Capacity

Counterweights : 264,600 lbs (120,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

78 ft (24 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
29.6	75.6	403,800 *
30.0	75.3	398,000 *
32.0	73.8	373,400 *
34.0	72.2	352,500 *
36.0	70.7	334,000 *
38.0	69.1	315,500 *
40.0	67.5	297,300 *
42.0	65.9	279,400 *
44.0	64.2	261,600
46.0	62.6	244,000
48.0	60.9	231,100
50.0	59.1	218,200
55.0	54.6	190,300
60.0	49.8	167,900
65.0	44.6	150,300
70.0	38.8	135,900
75.0	32.1	123,300
76.1	30.5	120,800

98 ft (30 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
26.3	80.5	454,500 *
28.0	79.5	427,400 *
30.0	78.3	398,000 *
32.0	77.2	373,400 *
34.0	75.9	352,500 *
36.0	74.7	334,000 *
38.0	73.5	315,500 *
40.0	72.3	297,300 *
42.0	71.1	279,400 *
44.0	69.8	261,600
46.0	68.5	244,000
48.0	67.3	231,000
50.0	66.0	217,900
55.0	62.7	190,000
60.0	59.3	167,700
65.0	55.8	149,900
70.0	52.1	135,400
75.0	48.2	123,000
80.0	44.0	112,300
85.0	39.4	103,000
90.0	34.3	95,400
93.1	30.8	90,600

118 ft (36 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
22.0	84.2	542,300 *
24.0	83.2	498,900 *
26.0	82.2	459,400 *
28.0	81.2	427,400 *
30.0	80.2	398,000 *
32.0	79.2	373,400 *
34.0	78.2	352,500 *
36.0	77.2	334,000 *
38.0	76.2	315,500 *
40.0	75.2	297,100 *
42.0	74.2	278,700 *
44.0	73.2	260,400
46.0	72.2	242,200
48.0	71.1	229,300
50.0	70.1	216,300
55.0	67.4	188,300
60.0	64.7	165,900
65.0	62.0	148,100
70.0	59.1	133,700
75.0	56.2	121,200
80.0	53.1	110,500
85.0	49.9	101,500
90.0	46.6	93,700
95.0	43.0	86,700
100.0	39.1	80,500
110.0	30.1	70,300
110.2	30.0	70,100

138 ft (42 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
24.0	84.2	497,000 *
26.0	83.4	459,200 *
28.0	82.5	427,400 *
30.0	81.7	398,000 *
32.0	80.8	373,400 *
34.0	80.0	352,500 *
36.0	79.1	334,000 *
38.0	78.3	315,500 *
40.0	77.4	297,000 *
42.0	76.6	278,300 *
44.0	75.7	259,600
46.0	74.8	241,100
48.0	74.0	228,100
50.0	73.1	215,100
55.0	70.9	187,000
60.0	68.6	164,600
65.0	66.4	146,800
70.0	64.0	132,200
75.0	61.7	119,800
80.0	59.3	109,200
85.0	56.8	99,900
90.0	54.2	92,100
95.0	51.5	85,100
100.0	48.7	78,900
110.0	42.8	68,500
120.0	36.0	60,100
127.2	30.3	54,800

157 ft (48 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
26.0	84.2	458,800 *
28.0	83.5	427,400 *
30.0	82.7	398,000 *
32.0	82.0	373,400 *
34.0	81.3	352,500 *
36.0	80.5	334,000 *
38.0	79.8	315,500 *
40.0	79.0	296,900 *
42.0	78.3	277,900 *
44.0	77.6	258,800
46.0	76.8	240,000
48.0	76.1	227,000
50.0	75.3	214,000
55.0	73.4	185,900
60.0	71.5	163,400
65.0	69.5	145,500
70.0	67.6	131,000
75.0	65.6	118,600
80.0	63.5	107,900
85.0	61.5	98,600
90.0	59.3	90,800
95.0	57.2	83,800
100.0	55.0	77,500
110.0	50.3	66,900
120.0	45.3	58,500
130.0	39.7	51,500
140.0	33.4	45,900
144.3	30.4	43,600

177 ft (54 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
27.9	84.2	427,600 *
28.0	84.2	426,000 *
30.0	83.5	398,000 *
32.0	82.9	373,400 *
34.0	82.2	352,400 *
36.0	81.5	333,800 *
38.0	80.9	315,200
40.0	80.2	296,300
42.0	79.6	277,100
44.0	78.9	257,800
46.0	78.2	238,700
48.0	77.6	225,700
50.0	76.9	212,600
55.0	75.2	184,500
60.0	73.5	161,900
65.0	71.8	143,900
70.0	70.1	129,300
75.0	68.4	116,800
80.0	66.6	106,100
85.0	64.8	96,800
90.0	63.0	89,000
95.0	61.1	82,000
100.0	59.2	75,800
110.0	55.3	65,200
120.0	51.2	56,800
130.0	46.8	49,700
140.0	42.1	43,900
150.0	36.8	38,900
160.0	30.8	34,700
161.4	30.0	34,100

197 ft (60 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
29.9	84.2	399,400 *
30.0	84.2	397,700 *
32.0	83.6	373,300 *
34.0	83.0	352,200 *
36.0	82.4	333,200 *
38.0	81.8	314,300
40.0	81.2	295,200
42.0	80.6	276,000
44.0	80.0	256,700
46.0	79.4	237,600
48.0	78.9	224,500
50.0	78.3	211,400
55.0	76.8	183,200
60.0	75.3	160,600
65.0	73.7	142,600
70.0	72.2	128,200
75.0	70.7	115,600
80.0	69.1	104,800
85.0	67.5	95,500
90.0	65.9	87,700
95.0	64.3	80,700
100.0	62.7	74,400
110.0	59.3	63,800
120.0	55.8	55,200
130.0	52.1	48,200
140.0	48.3	42,300
150.0	44.2	37,300
160.0	39.7	33,000
170.0	34.8	29,300
178.4	30.2	26,600

217 ft (66 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
31.9	84.2	374,700 *
32.0	84.2	372,700 *
34.0	83.6	352,000 *
36.0	83.1	332,700 *
38.0	82.6	313,400
40.0	82.0	294,100
42.0	81.5	274,900
44.0	81.0	255,600
46.0	80.4	236,500
48.0	79.9	223,400
50.0	79.4	210,300
55.0	78.0	182,000
60.0	76.6	159,300
65.0	75.3	141,300
70.0	73.9	126,700
75.0	72.5	114,200
80.0	71.1	103,400
85.0	69.7	94,000
90.0	68.3	86,200
95.0	66.8	79,100
100.0	65.4	72,700
110.0	62.4	62,100
120.0	59.4	53,600
130.0	56.2	46,400
140.0	52.9	40,600
150.0	49.5	35,500
160.0	45.8	31,200
170.0	41.9	27,300
180.0	37.7	24,100
190.0	33.0	21,200
195.5	30.3	19,800

236 ft (72 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
33.8	84.2	321,400 *
34.0	84.1	320,500 *
36.0	83.7	312,400 *
38.0	83.2	304,300 *
40.0	82.7	292,700 *
42.0	82.2	273,700 *
44.0	81.7	254,700
46.0	81.2	235,800
48.0	80.7	222,700
50.0	80.2	209,600
55.0	79.0	181,300
60.0	77.7	158,600
65.0	76.5	140,600
70.0	75.2	126,000
75.0	74.0	113,400
80.0	72.7	102,500
85.0	71.4	93,100
90.0	70.1	85,300
95.0	68.8	78,200
100.0	67.5	71,800
110.0	64.8	61,300
120.0	62.1	52,600
130.0	59.3	45,500
140.0	56.4	39,500
150.0	53.4	34,300
160.0	50.2	29,800
170.0	46.9	26,000
180.0	43.4	22,700
190.0	39.7	19,900
200.0	35.7	17,300
210.0	31.1	14,900
212.5	30.0	14,500

256 ft (78 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
35.8	84.2	270,700 *
36.0	84.2	270,300 *
38.0	83.7	267,500 *
40.0	83.3	262,700 *
42.0	82.8	253,400 *
44.0	82.3	244,100
46.0	81.9	234,700
48.0	81.4	221,600
50.0	81.0	208,400
55.0	79.8	180,000
60.0	78.7	157,200
65.0	77.6	139,100
70.0	76.4	124,500
75.0	75.2	111,900
80.0	74.1	101,000
85.0	72.9	91,600
90.0	71.7	83,700
95.0	70.5	76,600
100.0	69.3	70,200
110.0	66.9	59,700
120.0	64.4	51,000
130.0	61.9	43,800
140.0	59.3	37,800
150.0	56.7	32,600
160.0	53.9	28,100
170.0	51.0	24,200
180.0	48.1	21,000
190.0	44.9	18,000
200.0	41.6	15,300
210.0	38.0	13,000
220.0	34.2	10,900
223.1	32.9	10,300

276 ft (84 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
37.8	84.2	233,000 *
38.0	84.2	232,900 *
40.0	83.7	232,000 *
42.0	83.3	231,000 *
44.0	82.9	230,000 *
46.0	82.5	228,600 *
48.0	82.1	217,000 *
50.0	81.6	205,400
55.0	80.6	178,900
60.0	79.5	156,100
65.0	78.5	138,000
70.0	77.4	123,200
75.0	76.3	110,600
80.0	75.3	99,700
85.0	74.2	90,200
90.0	73.1	82,300
95.0	72.0	75,200
100.0	70.9	68,900
110.0	68.7	58,200
120.0	66.4	49,400
130.0	64.1	42,200
140.0	61.8	36,200
150.0	59.4	31,000
160.0	56.9	26,500
170.0	54.4	22,500
180.0	51.7	19,200
190.0	49.0	16,200
200.0	46.1	13,500
209.9	43.3	11,000

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 25 to 26.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
CRANE - LIFTING CAPACITY

Main Boom Lift Capacity

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

78 ft (24 m) Boom			98 ft (30 m) Boom			118 ft (36 m) Boom			138 ft (42 m) Boom			157 ft (48 m) Boom			177 ft (54 m) Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	62.6	259,300 *	46.0	68.5	259,300 *	39.4	75.5	302,900 *	39.4	77.7	302,900 *	32.9	81.7	363,500 *	29.6	83.6	403,800 *
48.0	60.9	249,000 *	48.0	67.3	249,000 *	40.0	75.2	298,700 *	40.0	77.4	298,700 *	34.0	81.3	352,500 *	30.0	83.5	398,000 *
50.0	59.1	238,700	50.0	66.0	238,600	42.0	74.2	285,500 *	42.0	76.6	285,500 *	36.0	80.5	334,000 *	32.0	82.9	373,400 *
55.0	54.6	212,900	55.0	62.7	212,600	44.0	73.2	272,400 *	44.0	75.7	272,400 *	38.0	79.8	315,500 *	34.0	82.2	352,500 *
60.0	49.8	188,000	60.0	59.3	187,800	46.0	72.2	259,300 *	46.0	74.8	259,300 *	40.0	79.0	298,700 *	36.0	81.5	334,000 *
65.0	44.6	168,400	65.0	55.8	168,000	48.0	71.1	248,400 *	48.0	74.0	248,000 *	42.0	78.3	285,500 *	38.0	80.9	315,500 *
70.0	38.8	152,600	70.0	52.1	152,100	50.0	70.1	237,500	50.0	73.1	236,700	44.0	77.6	272,400 *	40.0	80.2	298,700 *
75.0	32.1	138,600	75.0	48.2	138,400	55.0	67.4	210,900	55.0	70.9	209,600	46.0	76.8	259,300 *	42.0	79.6	285,500 *
76.1	30.5	135,800	80.0	44.0	126,600	60.0	64.7	186,100	60.0	68.6	184,700	48.0	76.1	247,600 *	44.0	78.9	272,400 *
			85.0	39.4	116,300	65.0	62.0	166,400	65.0	66.4	165,100	50.0	75.3	236,000	46.0	78.2	259,200 *
			90.0	34.3	107,800	70.0	59.1	150,400	70.0	64.0	149,100	55.0	73.4	208,500	48.0	77.6	247,200 *
			93.1	30.8	102,700	75.0	56.2	136,700	75.0	61.7	135,300	60.0	71.5	183,600	50.0	76.9	235,200
						80.0	53.1	124,800	80.0	59.3	123,300	65.0	69.5	163,800	55.0	75.2	207,100
						85.0	49.9	114,800	85.0	56.8	113,200	70.0	67.6	147,800	60.0	73.5	182,100
						90.0	46.6	106,100	90.0	54.2	104,600	75.0	65.6	133,900	65.0	71.8	162,200
						95.0	43.0	98,400	95.0	51.5	96,800	80.0	63.5	122,000	70.0	70.1	146,200
						100.0	39.1	91,500	100.0	48.7	89,900	85.0	61.5	111,900	75.0	68.4	132,400
						110.0	30.1	80,200	110.0	42.8	78,300	90.0	59.3	103,200	80.0	66.6	120,400
						110.2	30.0	80,000	120.0	36.0	69,200	95.0	57.2	95,500	85.0	64.8	110,100
									127.2	30.3	63,400	100.0	55.0	88,600	90.0	63.0	101,500
												110.0	50.3	77,000	95.0	61.1	93,700
												120.0	45.3	67,600	100.0	59.2	86,800
												130.0	39.7	59,900	110.0	55.3	75,200
												140.0	33.4	53,600	120.0	51.2	65,700
												144.3	30.4	50,900	130.0	46.8	58,000
															140.0	42.1	51,600
															150.0	36.8	46,000
															160.0	30.8	41,100
															161.4	30.0	40,500

197 ft (60 m) Boom			217 ft (66 m) Boom			236 ft (72 m) Boom			256 ft (78 m) Boom			276 ft (84 m) Boom			295 ft (90 m) Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
29.9	84.2	399,600 *	31.9	84.2	375,000 *	33.8	84.2	321,400 *	35.8	84.2	270,700 *	37.8	84.2	233,000 *	39.7	84.2	187,300 *
30.0	84.2	397,900 *	32.0	84.2	372,900 *	34.0	84.1	320,700 *	36.0	84.2	270,300 *	38.0	84.2	232,900 *	40.0	84.1	187,300 *
32.0	83.6	373,400 *	34.0	83.6	352,500 *	36.0	83.7	314,100 *	38.0	83.7	267,500 *	40.0	83.7	232,000 *	42.0	83.7	187,300 *
34.0	83.0	352,500 *	36.0	83.1	334,000 *	38.0	83.2	307,400 *	40.0	83.3	264,700 *	42.0	83.3	231,000 *	44.0	83.4	187,300 *
36.0	82.4	334,000 *	38.0	82.6	315,500 *	40.0	82.7	298,700 *	42.0	82.8	262,000 *	44.0	82.9	230,000 *	46.0	83.0	187,300 *
38.0	81.8	315,500 *	40.0	82.0	298,700 *	42.0	82.2	285,500 *	44.0	82.3	259,200 *	46.0	82.5	228,900 *	48.0	82.6	187,300 *
40.0	81.2	298,700 *	42.0	81.5	285,500 *	44.0	81.7	272,400 *	46.0	81.9	256,100 *	48.0	82.1	224,500 *	50.0	82.2	187,300 *
42.0	80.6	285,500 *	44.0	81.0	272,400 *	46.0	81.2	259,200 *	48.0	81.4	243,700 *	50.0	81.6	220,100	55.0	81.2	184,400 *
44.0	80.0	272,400 *	46.0	80.4	259,200 *	48.0	80.7	246,200 *	50.0	81.0	231,300	55.0	80.6	201,500	60.0	80.2	175,800
46.0	79.4	259,200 *	48.0	79.9	246,400 *	50.0	80.2	233,300	55.0	79.8	202,600	60.0	79.5	176,300	65.0	79.2	155,700
48.0	78.9	246,900 *	50.0	79.4	233,700	55.0	79.0	203,900	60.0	78.7	177,400	65.0	78.5	156,300	70.0	78.2	139,500
50.0	78.3	234,500	55.0	78.0	204,500	60.0	77.7	178,700	65.0	77.6	157,400	70.0	77.4	140,000	75.0	77.2	125,500
55.0	76.8	205,900	60.0	76.6	179,400	65.0	76.5	158,900	70.0	76.4	141,200	75.0	76.3	126,000	80.0	76.2	113,300
60.0	75.3	180,900	65.0	75.3	159,600	70.0	75.2	142,800	75.0	75.2	127,300	80.0	75.3	113,900	85.0	75.2	102,900
65.0	73.7	160,900	70.0	73.9	143,400	75.0	74.0	128,900	80.0	74.1	115,300	85.0	74.2	103,500	90.0	74.2	94,200
70.0	72.2	144,900	75.0	72.5	129,500	80.0	72.7	116,800	85.0	72.9	104,900	90.0	73.1	94,900	95.0	73.2	86,400
75.0	70.7	131,100	80.0	71.1	117,500	85.0	71.4	106,400	90.0	71.7	96,200	95.0	72.0	87,000	100.0	72.2	79,300
80.0	69.1	119,100	85.0	69.7	107,300	90.0	70.1	97,700	95.0	70.5	88,300	100.0	70.9	80,000	110.0	70.1	67,400
85.0	67.5	108,800	90.0	68.3	98,600	95.0	68.8	89,900	100.0	69.3	81,300	110.0	68.7	68,000	120.0	68.0	57,700
90.0	65.9	100,100	95.0	66.8	90,800	100.0	67.5	82,900	110.0	66.9	69,600	120.0	66.4	58,500	130.0	65.9	49,600
95.0	64.3	92,400	100.0	65.4	83,800	110.0	64.8	71,100	120.0	64.4	59,900	130.0	64.1	50,500	140.0	63.7	43,100
100.0	62.7	85,500	110.0	62.4	72,200	120.0	62.1	61,600	130.0	61.9	52,000	140.0	61.8	44,000	150.0	61.5	37,300
110.0	59.3	73,700	120.0	59.4	62,500	130.0	59.3	53,800	140.0	59.3	45,500	150.0	59.4	38,100	160.0	59.3	32,100
120.0	55.8	64,300	130.0	56.2	54,700	140.0	56.4	47,300	150.0	56.7	39,800	160.0	56.9	33,000	170.0	57.0	27,800
130.0	52.1	56,400	140.0	52.9	48,300	150.0	53.4	41,500	160.0	53.9	34,800	170.0	54.4	28,700	180.0	54.6	24,000
140.0	48.3	50,100	150.0	49.5	42,600	160.0	50.2	36,500	170.0	51.0	30,400	180.0	51.7	24,900	190.0	52.2	20,700
150.0	44.2	44,400	160.0	45.8	37,700	170.0	46.9	32,200	180.0	48.1	26,700	190.0	49.0	21,600	200.0	49.6	17,600
160.0	39.7	39,500	170.0	41.9	33,500	180.0	43.4	28,600	190.0	44.9	23,400	200.0	46.1	18,700	210.0	47.0	14,900
170.0	34.8	35,500	180.0	37.7	29,900	190.0	39.7	25,400	200.0	41.6	20,500	210.0	43.2	16,000	220.0	44.2	12,600
178.4	30.2	32,400	190.0	33.0	26,700	200.0	35.7	22,500	210.0	38.0	17,800	220.0	40.0	13,700	223.0	43.5	11,900
			195.5	30.3	25,100	210.0	31.1	20,000	220.0	34.2	15,600	230.0	36.6	11,600			
						212.5	30.0	19,400	229.3	30.2	13,600	236.2	34.3	10,300			

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 25 to 26.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Main Boom Lift Capacity

Counterweights : 352,700 lbs (160,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

78 ft (24 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
65.7	43.9	181,600 *
70.0	38.8	168,500
75.0	32.1	153,300 *
76.1	30.5	149,900 *

98 ft (30 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
59.1	59.9	201,900 *
60.0	59.3	199,000 *
65.0	55.8	183,500 *
70.0	52.1	168,200
75.0	48.2	153,900
80.0	44.0	140,900
85.0	39.4	129,600
90.0	34.3	120,200
93.1	30.8	114,600

118 ft (36 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
59.1	65.2	201,900 *
60.0	64.7	199,000 *
65.0	62.0	183,500 *
70.0	59.1	167,000
75.0	56.2	152,100
80.0	53.1	139,100
85.0	49.9	128,000
90.0	46.6	118,500
95.0	43.0	110,200
100.0	39.1	102,800
110.0	30.1	90,200
110.2	30.0	89,900

138 ft (42 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
52.5	72.0	227,000 *
55.0	70.9	217,400 *
60.0	68.6	198,800 *
65.0	66.4	182,700
70.0	64.0	165,900
75.0	61.7	150,800
80.0	59.3	137,800
85.0	56.8	126,500
90.0	54.2	117,000
95.0	51.5	108,500
100.0	48.7	101,000
110.0	42.8	88,400
120.0	36.0	78,100
127.2	30.3	71,800

157 ft (48 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
52.5	74.4	227,000 *
55.0	73.4	217,400 *
60.0	71.5	198,600 *
65.0	69.5	181,300 *
70.0	67.6	164,500
75.0	65.6	149,500
80.0	63.5	136,400
85.0	61.5	125,200
90.0	59.3	115,700
95.0	57.2	107,200
100.0	55.0	99,600
110.0	50.3	86,900
120.0	45.3	76,500
130.0	39.7	68,100
140.0	33.4	61,300
144.3	30.4	58,400

177 ft (54 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	78.2	259,300 *
48.0	77.6	249,400 *
50.0	76.9	239,400 *
55.0	75.2	217,400 *
60.0	73.5	198,300 *
65.0	71.8	179,100 *
70.0	70.1	162,600
75.0	68.4	147,800
80.0	66.6	134,700
85.0	64.8	123,400
90.0	63.0	113,900
95.0	61.1	105,400
100.0	59.2	97,900
110.0	55.3	85,100
120.0	51.2	74,700
130.0	46.8	66,200
140.0	42.1	59,200
150.0	36.8	53,100
160.0	30.8	47,800
161.4	30.0	47,100

197 ft (60 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
46.0	79.4	259,300 *
48.0	78.9	249,400 *
50.0	78.3	239,400 *
55.0	76.8	216,700 *
60.0	75.3	196,300 *
65.0	73.7	177,100 *
70.0	72.2	161,100
75.0	70.7	146,500
80.0	69.1	133,400
85.0	67.5	122,100
90.0	65.9	112,600
95.0	64.3	104,100
100.0	62.7	96,500
110.0	59.3	83,800
120.0	55.8	73,300
130.0	52.1	64,700
140.0	48.3	57,600
150.0	44.2	51,500
160.0	39.7	46,200
170.0	34.8	41,700
178.4	30.2	38,300

217 ft (66 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.4	82.2	302,900 *
40.0	82.0	298,700 *
42.0	81.5	285,500 *
44.0	81.0	272,400 *
46.0	80.4	259,300 *
48.0	79.9	249,400 *
50.0	79.4	239,400 *
55.0	78.0	215,800 *
60.0	76.6	194,100 *
65.0	75.3	174,900 *
70.0	73.9	159,000 *
75.0	72.5	144,800 *
80.0	71.1	132,000
85.0	69.7	120,600
90.0	68.3	111,000
95.0	66.8	102,600
100.0	65.4	95,000
110.0	62.4	82,100
120.0	59.4	71,600
130.0	56.2	62,900
140.0	52.9	55,900
150.0	49.5	49,600
160.0	45.8	44,200
170.0	41.9	39,700
180.0	37.7	35,800
190.0	33.0	32,200
195.5	30.3	30,400

236 ft (72 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
33.8	84.2	321,400 *
34.0	84.1	320,700 *
36.0	83.7	314,100 *
38.0	83.2	307,400 *
40.0	82.7	298,700 *
42.0	82.2	285,500 *
44.0	81.7	272,400 *
46.0	81.2	259,300 *
48.0	80.7	249,400 *
50.0	80.2	239,400 *
55.0	79.0	215,100 *
60.0	77.7	192,300 *
65.0	76.5	173,200 *
70.0	75.2	157,300 *
75.0	74.0	143,400 *
80.0	72.7	131,200
85.0	71.4	119,900
90.0	70.1	110,200
95.0	68.8	101,700
100.0	67.5	94,100
110.0	64.8	81,100
120.0	62.1	70,700
130.0	59.3	62,000
140.0	56.4	54,800
150.0	53.4	48,500
160.0	50.2	43,100
170.0	46.9	38,400
180.0	43.4	34,500
190.0	39.7	30,900
200.0	35.7	27,700
210.0	31.1	24,900
212.5	30.0	24,200

256 ft (78 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
35.8	84.2	270,700 *
36.0	84.2	270,300 *
38.0	83.7	267,500 *
40.0	83.3	264,700 *
42.0	82.8	262,000 *
44.0	82.3	259,200 *
46.0	81.9	256,200 *
48.0	81.4	247,000 *
50.0	81.0	237,700 *
55.0	79.8	213,800 *
60.0	78.7	190,100 *
65.0	77.6	170,800 *
70.0	76.4	155,000 *
75.0	75.2	141,100 *
80.0	74.1	128,900 *
85.0	72.9	118,300
90.0	71.7	108,700
95.0	70.5	100,100
100.0	69.3	92,400
110.0	66.9	79,400
120.0	64.4	69,000
130.0	61.9	60,300
140.0	59.3	53,100
150.0	56.7	46,800
160.0	53.9	41,300
170.0	51.0	36,600
180.0	48.1	32,500
190.0	44.9	28,900
200.0	41.6	25,700
210.0	38.0	22,900
220.0	34.2	20,400
229.3	30.2	17,800 *

276 ft (84 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
37.8	84.2	233,000 *
38.0	84.2	232,900 *
40.0	83.7	232,000 *
42.0	83.3	231,000 *
44.0	82.9	230,000 *
46.0	82.5	229,000 *
48.0	82.1	227,600 *
50.0	81.6	226,300 *
55.0	80.6	212,100 *
60.0	79.5	188,300 *
65.0	78.5	169,000 *
70.0	77.4	153,100 *
75.0	76.3	139,200 *
80.0	75.3	127,100 *
85.0	74.2	116,600 *
90.0	73.1	107,200
95.0	72.0	98,700
100.0	70.9	91,000
110.0	68.7	78,100
120.0	66.4	67,500
130.0	64.1	58,700
140.0	61.8	51,500
150.0	59.4	45,200
160.0	56.9	39,700
170.0	54.4	34,900
180.0	51.7	30,800
190.0	49.0	27,200
200.0	46.1	23,900
210.0	43.2	20,900
220.0	40.0	18,400
230.0	36.6	15,800 *
240.0	32.8	13,400 *
246.4	30.2	11,900 *

295 ft (90 m) Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.7	84.2	187,300 *
40.0	84.1	187,300 *
42.0	83.7	187,300 *
44.0	83.4	187,300 *
46.0	83.0	187,300 *
48.0	82.6	187,300 *
50.0	82.2	187,300 *
55.0	81.2	187,300 *
60.0	80.2	184,100 *
65.0	79.2	167,000 *
70.0	78.2	151,300 *
75.0	77.2	137,400 *
80.0	76.2	125,200 *
85.0	75.2	114,600 *
90.0	74.2	105,600 *
95.0	73.2	97,400 *
100.0	72.2	90,000 *
110.0	70.1	77,200
120.0	68.0	66,700
130.0	65.9	57,900
140.0	63.7	50,600
150.0	61.5	44,300
160.0	59.3	38,800
170.0	57.0	34,000
180.0	54.6	29,900
190.0	52.2	26,200
200.0	49.6	22,800
210.0	47.0	19,600 *
220.0	44.2	16,700 *
230.0	41.3	14,100 *
236.2	39.6	12,500 *

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 25 to 26.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
CRANE - LIFTING CAPACITY

Fixed Jib Lift Capacity (without main hook)

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

98 ft (30 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
50.0	73.9	53,400 *				60.0	73.6	41,500 *				60.0	76.1	25,100 *				65.0	76.2	14,000 *			
55.0	71.8	51,800 *				65.0	71.7	40,000 *				65.0	74.5	24,300 *				70.0	74.7	13,500 *			
60.0	69.6	50,100 *	60.0	74.4	40,200 *	70.0	69.8	38,700 *	70.0	76.1	29,300 *	70.0	72.8	23,500 *				75.0	73.2	13,000 *			
65.0	67.4	48,700 *	65.0	72.1	38,700 *	75.0	67.8	37,500 *	75.0	74.1	28,900 *	75.0	71.1	22,800 *				80.0	71.7	12,500 *			
70.0	65.1	47,200 *	70.0	69.8	37,100 *	80.0	65.9	36,300 *	80.0	72.1	28,200 *	80.0	69.4	22,100 *				85.0	70.1	12,100 *			
75.0	62.9	45,800 *	75.0	67.5	35,600 *	85.0	63.9	35,300 *	85.0	70.0	27,300 *	85.0	67.7	21,500 *	85.0	75.3	17,100 *	90.0	68.6	11,700 *			
80.0	60.5	44,500 *	80.0	65.1	34,300 *	90.0	61.7	34,000 *	90.0	67.8	26,300 *	90.0	65.9	20,800 *	90.0	73.4	16,700 *	95.0	67.0	11,200 *			
85.0	58.1	43,300 *	85.0	62.6	33,100 *	95.0	59.7	32,500 *	95.0	65.7	25,400 *	95.0	64.1	20,100 *	95.0	71.6	16,300 *	100.0	65.4	10,900 *	100.0	74.1	8,900 *
90.0	55.6	42,000 *	90.0	60.0	32,200 *	100.0	57.6	30,900 *	100.0	63.4	24,500 *	100.0	62.3	19,500 *	100.0	69.7	16,000 *	110.0	62.2	10,200 *	110.0	70.8	8,600 *
95.0	53.0	40,600 *	95.0	57.4	31,300 *	110.0	53.0	28,200 *	110.0	58.8	23,000 *	110.0	58.5	18,500 *	110.0	65.8	15,300 *	120.0	58.8	9,600 *	120.0	67.3	8,300 *
100.0	50.4	39,300 *	100.0	54.7	30,400 *	120.0	48.2	26,000 *	120.0	53.7	21,900 *	120.0	54.6	17,600 *	120.0	61.6	14,700 *	130.0	55.3	9,100 *	130.0	63.6	7,900 *
110.0	44.7	36,800 *	110.0	48.8	28,900 *	130.0	42.9	24,200 *	130.0	48.2	20,900 *	130.0	50.4	16,800 *	130.0	57.3	14,100 *	140.0	51.6	8,700 *	140.0	59.8	7,700 *
120.0	38.3	34,300 *	120.0	42.0	27,900 *	140.0	36.9	22,600 *	140.0	41.8	20,100 *	140.0	45.8	16,000 *	140.0	52.5	13,800 *	150.0	47.6	8,400 *	150.0	55.6	7,500 *
130.0	30.8	32,200 *	130.0	33.9	27,300 *	150.0	30.0	21,300 *	150.0	33.9	19,600 *	150.0	40.9	15,400 *	150.0	47.3	13,400 *	160.0	43.4	8,000 *	160.0	51.2	7,200 *
131.1	30.0	31,900 *	134.2	30.0	27,300 *				155.1	30.0	19,600 *	160.0	35.3	14,800 *	160.0	41.2	13,400 *	170.0	38.7	7,700 *	170.0	46.3	7,200 *
												169.3	30.0	14,500 *	170.0	33.7	13,400 *	180.0	33.5	7,300 *	180.0	40.5	6,800 *
															175.0	30.0	13,400 *	186.9	30.0	6,600 *	190.0	33.4	6,400
																					194.8	30.0	6,100
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

118 ft (36 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
45.0	77.8	56,700 *				50.0	78.7	45,800 *				52.7	80.0	26,600 *				56.7	80.0	14,900 *			
50.0	76.0	55,200 *				55.0	77.1	44,200 *				55.0	79.0	26,400 *				60.0	78.8	14,700 *			
55.0	74.1	53,500 *				60.0	75.4	42,800 *				60.0	77.6	25,700 *				65.0	77.5	14,500 *			
60.0	72.2	52,000 *	60.0	76.5	41,200 *	65.0	73.8	41,400 *				65.0	76.0	24,900 *				70.0	76.1	13,900 *			
65.0	70.3	50,500 *	65.0	74.5	40,200 *	70.0	72.1	40,100 *	70.0	77.8	29,700 *	70.0	74.6	24,200 *				75.0	74.8	13,400 *			
70.0	68.4	49,100 *	70.0	72.5	38,800 *	75.0	70.4	38,900 *	75.0	76.1	29,300 *	75.0	73.1	23,500 *	76.2	80.0	17,800 *	80.0	73.4	12,900 *			
75.0	66.4	47,800 *	75.0	70.5	37,400 *	80.0	68.6	37,800 *	80.0	74.3	28,800 *	80.0	71.5	22,900 *	80.0	78.4	17,700 *	85.0	72.0	12,500 *	86.4	80.0	9,400 *
80.0	64.5	46,600 *	80.0	68.5	36,100 *	85.0	67.0	36,800 *	85.0	72.5	28,300 *	85.0	69.9	22,300 *	85.0	76.8	17,400 *	90.0	70.7	12,100 *	90.0	78.7	9,300 *
85.0	62.5	45,400 *	85.0	66.5	34,800 *	90.0	65.1	35,900 *	90.0	70.6	27,600 *	90.0	68.4	21,700 *	90.0	75.2	17,000 *	95.0	69.2	11,600 *	95.0	77.2	9,300 *
90.0	60.4	44,200 *	90.0	64.3	33,800 *	95.0	63.3	35,000 *	95.0	68.8	26,700 *	95.0	66.8	21,100 *	95.0	73.6	16,500 *	100.0	67.8	11,300 *	100.0	75.8	9,200 *
95.0	58.3	43,100 *	95.0	62.2	32,900 *	100.0	61.5	33,800 *	100.0	66.9	25,800 *	100.0	65.2	20,600 *	100.0	72.0	16,200 *	110.0	64.9	10,600 *	110.0	72.7	8,800 *
100.0	56.2	41,900 *	100.0	60.0	32,000 *	110.0	57.7	31,000 *	110.0	63.0	24,300 *	110.0	62.0	19,400 *	110.0	68.6	15,700 *	120.0	62.0	10,000 *	120.0	69.7	8,500 *
110.0	51.6	39,700 *	110.0	55.3	30,500 *	120.0	53.8	28,600 *	120.0	58.8	23,000 *	120.0	58.6	18,500 *	120.0	65.1	15,100 *	130.0	58.8	9,500 *	130.0	66.5	8,100 *
120.0	46.8	37,400 *	120.0	50.3	29,200 *	130.0	49.6	26,600 *	130.0	54.5	22,000 *	130.0	55.1	17,700 *	130.0	61.4	14,600 *	140.0	55.6	9,100 *	140.0	63.2	7,800 *
130.0	41.5	35,200 *	130.0	44.8	28,300 *	140.0	45.0	24,700 *	140.0	49.7	21,000 *	140.0	51.3	16,800 *	140.0	57.5	14,200 *	150.0	52.4	8,800 *	150.0	59.8	7,700 *
140.0	35.5	33,300	140.0	38.5	27,600 *	150.0	40.1	23,300 *	150.0	44.5	20,300 *	150.0	47.4	16,100 *	150.0	53.4	13,900 *	160.0	48.8	8,300 *	160.0	56.1	7,400 *
148.1	30.0	31,700	150.0	30.9	27,300 *	160.0	34.5	22,100 *	160.0	38.4	19,800 *	160.0	43.1	15,700 *	160.0	48.9	13,500 *	170.0	45.1	8,100 *	170.0	52.1	7,200 *
			151.1	30.0	27,300 *	167.1	30.0	21,100 *	170.0	30.9	19,600 *	170.0	38.4	15,000 *	170.0	43.9	13,400 *	180.0	41.0	7,800 *	180.0	47.9	7,100 *
									172.1	30.0	19,600 *	180.0	33.2	14,600 *	180.0	38.0	13,400 *	190.0	36.7	7,500 *	190.0	43.1	6,800 *
												186.3	30.0	14,300 *	190.0	30.9	13,400 *	200.0	31.6	7,200 *	200.0	37.5	6,500
															192.1	30.0	13,400 *	204.0	30.0	6,800 *	210.0	30.7	6,100
																					211.9	30.0	6,100
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

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

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on 25 to 26.

Fixed Jib Lift Capacity (without main hook)

Counterweights : 308,600 lbs (140,000 kg) Carbody weights : 88,200 lbs (40,000 kg)

138 ft (42 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
42.4	80.0	58,400 *				49.6	80.0	46,700 *				56.1	80.0	26,600 *				60.1	80.0	14,900 *			
45.0	79.1	57,700 *				55.0	78.4	45,400 *				60.0	78.7	26,300 *				65.0	78.5	14,800 *			
50.0	77.5	56,400 *	54.2	80.0	42,300 *	60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *			
55.0	75.8	54,900 *	55.0	79.7	42,200 *	65.0	75.4	42,700 *	68.0	80.0	29,700 *	70.0	75.9	24,800 *				75.0	76.1	13,800 *			
60.0	74.2	53,500 *	60.0	78.0	41,800 *	70.0	73.9	41,400 *	70.0	79.0	29,700 *	75.0	74.6	24,100 *	79.6	80.0	17,800 *	80.0	74.8	13,400 *			
65.0	72.6	52,100 *	65.0	76.4	41,100 *	75.0	72.4	40,300 *	75.0	77.5	29,500 *	80.0	73.3	23,500 *	80.0	79.6	17,700 *	85.0	73.5	13,000 *	89.8	80.0	9,700 *
70.0	70.9	50,800 *	70.0	74.6	40,100 *	80.0	70.9	39,100 *	80.0	75.9	29,200 *	85.0	71.8	23,000 *	85.0	78.1	17,600 *	90.0	72.3	12,600 *	90.0	79.6	9,600 *
75.0	69.2	49,600 *	75.0	72.9	38,900 *	85.0	69.3	38,100 *	85.0	74.3	28,900 *	90.0	70.5	22,500 *	90.0	76.7	17,300 *	95.0	71.0	12,100 *	95.0	78.3	9,600 *
80.0	67.4	48,600 *	80.0	71.1	37,600 *	90.0	67.7	37,200 *	90.0	72.7	28,500 *	95.0	69.0	21,900 *	95.0	75.2	16,900 *	100.0	69.7	11,700 *	100.0	77.0	9,400 *
85.0	65.7	47,600 *	85.0	69.4	36,400 *	95.0	66.1	36,300 *	95.0	71.1	27,700 *	100.0	67.6	21,300 *	100.0	73.8	16,600 *	110.0	67.2	11,100 *	110.0	74.4	9,000 *
90.0	63.9	46,300 *	90.0	67.5	35,400 *	100.0	64.5	35,500 *	100.0	69.5	26,900 *	110.0	64.7	20,300 *	110.0	70.8	15,900 *	120.0	64.4	10,600 *	120.0	71.6	8,700 *
95.0	62.1	45,000 *	95.0	65.7	34,400 *	110.0	61.3	33,500 *	110.0	66.1	25,400 *	120.0	61.8	19,200 *	120.0	67.7	15,500 *	130.0	61.7	10,100 *	130.0	68.8	8,400 *
100.0	60.3	43,900 *	100.0	63.8	33,500 *	120.0	57.9	31,000 *	120.0	62.6	24,100 *	130.0	58.6	18,400 *	130.0	64.5	15,000 *	140.0	58.9	9,600 *	140.0	65.9	8,000 *
110.0	56.5	41,800	110.0	59.9	31,800 *	130.0	54.4	28,800 *	130.0	58.9	23,000 *	140.0	55.4	17,700 *	140.0	61.2	14,600 *	150.0	56.0	9,200 *	150.0	62.8	7,900 *
120.0	52.5	39,600	120.0	55.8	30,500 *	140.0	50.6	26,800 *	140.0	55.0	22,000 *	150.0	52.2	17,000 *	150.0	57.8	14,100 *	160.0	52.9	8,700 *	160.0	59.7	7,700 *
130.0	48.3	37,300	130.0	51.5	29,400 *	150.0	46.6	25,300 *	150.0	50.9	21,200 *	160.0	48.6	16,300 *	160.0	54.1	14,000 *	170.0	49.7	8,300 *	170.0	56.4	7,500 *
140.0	43.8	34,200	140.0	46.8	28,500 *	160.0	42.4	24,000 *	160.0	46.4	20,500 *	170.0	44.9	15,800 *	170.0	50.1	13,600 *	180.0	46.5	8,200 *	180.0	52.9	7,200 *
150.0	38.8	31,300	150.0	41.6	27,800 *	170.0	37.7	22,600 *	170.0	41.5	20,000 *	180.0	40.8	15,300 *	180.0	45.8	13,400 *	190.0	42.9	7,900 *	190.0	49.2	7,200 *
160.0	33.2	28,300	160.0	35.7	27,300	180.0	32.4	21,500 *	180.0	35.6	19,700 *	190.0	36.4	15,000 *	190.0	41.1	13,400 *	200.0	39.0	7,700 *	200.0	45.0	7,000 *
165.9	30.0	26,600	168.2	30.0	26,400	184.1	30.0	21,100 *	189.2	30.0	19,600 *	200.0	31.3	14,500 *	200.0	35.4	13,400 *	210.0	34.8	7,400 *	210.0	40.4	7,000
												203.4	30.0	14,500 *	208.3	30.0	13,400 *	220.0	30.0	6,800 *	220.0	35.1	6,400
																					228.9	30.0	5,900
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

157 ft (48 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
45.8	80.0	58,400 *				53.0	80.0	46,700 *				59.6	80.0	26,600 *				63.5	80.0	14,700 *			
50.0	78.8	57,600 *				55.0	79.4	46,500 *				60.0	79.6	26,500 *				65.0	79.4	14,600 *			
55.0	77.3	56,100 *	57.6	80.0	42,300 *	60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *	60.0	79.3	42,200 *	65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *	65.0	77.7	41,600 *	70.0	75.4	42,500 *	71.5	80.0	29,700 *	75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *	70.0	76.2	40,900 *	75.0	74.1	41,500 *	75.0	78.7	29,700 *	80.0	74.6	24,200 *	83.0	80.0	17,800 *	85.0	74.8	13,300 *			
75.0	71.3	50,600 *	75.0	74.7	40,100 *	80.0	72.7	40,400 *	80.0	77.3	29,600 *	85.0	73.4	23,700 *	85.0	79.2	17,700 *	90.0	73.7	12,900 *	93.2	80.0	9,200 *
80.0	69.8	49,200 *	80.0	73.1	38,900 *	85.0	71.2	39,400 *	85.0	75.9	29,300 *	90.0	72.1	23,100 *	90.0	77.9	17,500 *	95.0	72.5	12,500 *	95.0	79.3	9,200 *
85.0	68.2	47,900 *	85.0	71.5	37,700 *	90.0	69.9	38,500 *	90.0	74.5	28,900 *	95.0	70.8	22,600 *	95.0	76.6	17,200 *	100.0	71.4	12,200 *	100.0	78.1	9,200 *
90.0	66.6	46,700 *	90.0	69.9	36,600 *	95.0	68.4	37,700 *	95.0	73.0	28,400 *	100.0	69.5	22,100 *	100.0	75.2	16,800 *	110.0	69.0	11,500 *	110.0	75.6	9,000 *
95.0	65.0	45,600 *	95.0	68.3	35,700 *	100.0	67.0	36,800 *	100.0	71.6	27,800 *	110.0	67.0	21,000 *	110.0	72.6	16,300 *	120.0	66.6	10,900 *	120.0	73.2	8,700 *
100.0	63.4	44,500	100.0	66.7	34,800 *	110.0	64.1	35,100 *	110.0	68.5	26,300 *	120.0	64.3	20,000 *	120.0	69.8	15,800 *	130.0	64.1	10,400 *	130.0	70.7	8,400 *
110.0	60.2	42,500	110.0	63.4	33,200 *	120.0	61.2	33,300 *	120.0	65.5	25,000 *	130.0	61.6	19,200 *	130.0	67.0	15,200 *	140.0	61.6	10,000 *	140.0	68.0	8,300 *
120.0	56.8	40,400	120.0	59.9	31,800 *	130.0	58.0	31,000 *	130.0	62.3	23,900 *	140.0	58.7	18,500 *	140.0	64.1	14,900 *	150.0	59.0	9,500 *	150.0	65.3	7,900 *
130.0	53.2	37,400	130.0	56.2	30,500 *	140.0	54.8	29,000 *	140.0	59.0	22,900 *	150.0	55.8	17,600 *	150.0	61.0	14,500 *	160.0	56.3	9,100 *	160.0	62.6	7,800 *
140.0	49.5	33,500	140.0	52.4	29,500 *	150.0	51.5	27,300 *	150.0	55.5	22,100 *	160.0	52.8	17,100 *	160.0	57.9	14,200 *	170.0	53.5	8,800 *	170.0	59.7	7,500 *
150.0	45.5	29,900	150.0	48.3	28,700	160.0	47.9	25,700 *	160.0	51.8	21,400 *	170.0	49.6	16,500 *	170.0	54.6	13,900 *	180.0	50.6	8,500 *	180.0	56.7	7,400 *
160.0	41.2	26,900	160.0	43.9	27,400	170.0	44.2	24,300	170.0	47.9	20,700 *	180.0	46.3	15,900 *	180.0	51.1	13,600 *	190.0	47.5	8,100 *	190.0	53.5	7,200 *
170.0	36.5	24,400	170.0	39.0	24,900	180.0	40.1	22,900	180.0	43.6	20,100 *	190.0	42.7	15,400 *	190.0	47.4	13,400 *	200.0	44.3	8,000 *	200.0	50.1	7,200 *
180.0	31.2	22,200	180.0	33.3	22,400	190.0	35.7	20,900	190.0	38.9	19,800 *	200.0	38.8	15,100 *	200.0	43.2	13,400 *	210.0	40.9	7,900 *	210.0	46.5	7,000 *
182.2	30.0	21,600	185.2	30.0	21,300	200.0	30.5	19,100	200.0	33.2	19,300 *	210.0	34.5	14,700 *	210.0	38.6	13,400 *	220.0	37.2	7,500 *	220.0	42.6	6,900 *
						201.2	30.0	18,900	206.2	30.0	18,700 *	220.0	30.2	14,300 *	220.0	33.2	13,400 *	230.0	33.2	7,400 *	230.0	38.2	6,600
												220.4	30.0	14,300 *	226.2	30.0	13,400 *	238.1	30.0	6,800 *	240.0	32.9	6,200
																					246.0	30.0	5,900
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

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

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on 25 to 26.

CK3300G-2
CRANE - LIFTING CAPACITY

Fixed Jib Lift Capacity (without main hook)

Counterweights : 308,600 lbs (140,000 kg) Carbody weights : 88,200 lbs (40,000 kg)

177 ft (54 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.2	80.0	58,200 *				56.4	80.0	46,500 *				63.0	80.0	26,600 *				66.9	80.0	14,900 *			
50.0	79.7	58,000 *				60.0	79.1	46,000 *				65.0	79.3	26,500 *				70.0	79.1	14,700 *			
55.0	78.4	57,200 *				65.0	77.9	44,800 *				70.0	78.1	25,900 *				75.0	78.0	14,500 *			
60.0	77.1	55,900 *	61.1	80.0	42,300 *	70.0	76.6	43,700 *	74.9	80.0	29,700 *	75.0	77.0	25,300 *				80.0	77.0	14,000 *			
65.0	75.7	54,700 *	65.0	78.9	42,000 *	75.0	75.4	42,600 *	75.0	79.7	29,700 *	80.0	75.9	24,700 *				85.0	75.9	13,600 *			
70.0	74.3	53,400 *	70.0	77.5	41,300 *	80.0	74.1	41,500 *	80.0	78.4	29,700 *	85.0	74.7	24,100 *	86.5	80.0	17,800 *	90.0	74.8	13,300 *			
75.0	73.0	52,100 *	75.0	76.1	40,700 *	85.0	72.8	40,500 *	85.0	77.1	29,500 *	90.0	73.6	23,500 *	90.0	78.9	17,700 *	95.0	73.8	13,000 *	96.6	80.0	9,400 *
80.0	71.7	51,000 *	80.0	74.7	39,900 *	90.0	71.6	39,600 *	90.0	75.8	29,200 *	95.0	72.4	23,000 *	95.0	77.7	17,400 *	100.0	72.7	12,600 *	100.0	79.0	9,300 *
85.0	70.2	49,800 *	85.0	73.3	38,900 *	95.0	70.3	38,800 *	95.0	74.5	28,700 *	100.0	71.2	22,600 *	100.0	76.5	17,000 *	110.0	70.5	12,000 *	110.0	76.8	9,300 *
90.0	68.9	48,700 *	90.0	71.9	37,900 *	100.0	69.0	37,900 *	100.0	73.2	28,300 *	110.0	68.8	21,700 *	110.0	74.0	16,500 *	120.0	68.3	11,400 *	120.0	74.5	8,900 *
95.0	67.4	47,700 *	95.0	70.4	36,900 *	110.0	66.5	36,400 *	110.0	70.5	27,100 *	120.0	66.4	20,700 *	120.0	71.6	16,000 *	130.0	66.0	10,800 *	130.0	72.2	8,600 *
100.0	66.0	46,700	100.0	69.0	35,900 *	120.0	63.7	35,000 *	120.0	67.7	25,900 *	130.0	64.0	19,900 *	130.0	69.0	15,600 *	140.0	63.7	10,400 *	140.0	69.8	8,300 *
110.0	63.1	44,700	110.0	66.0	34,400 *	130.0	61.0	33,200 *	130.0	64.9	24,800 *	140.0	61.4	19,200 *	140.0	66.4	15,100 *	150.0	61.4	9,900 *	150.0	67.4	8,100 *
120.0	60.1	40,900	120.0	63.0	33,100 *	140.0	58.1	31,000	140.0	62.0	23,800 *	150.0	58.8	18,300 *	150.0	63.7	14,800 *	160.0	58.9	9,600 *	160.0	64.9	8,000 *
130.0	57.0	36,200	130.0	59.8	31,600 *	150.0	55.2	29,100	150.0	59.0	22,900 *	160.0	56.1	17,900 *	160.0	60.9	14,400 *	170.0	56.5	9,200 *	170.0	62.3	7,700 *
140.0	53.8	32,200	140.0	56.5	30,600	160.0	52.2	26,600	160.0	55.8	22,000 *	170.0	53.3	17,200 *	170.0	58.0	14,100 *	180.0	53.9	8,900 *	180.0	59.7	7,600 *
150.0	50.5	28,600	150.0	53.1	29,200	170.0	49.0	24,000	170.0	52.6	21,400 *	180.0	50.4	16,600 *	180.0	55.0	14,000 *	190.0	51.2	8,600 *	190.0	56.9	7,400 *
160.0	46.9	25,700	160.0	49.5	26,300	180.0	45.7	21,700	180.0	49.1	20,800 *	190.0	47.3	16,100 *	190.0	51.8	13,600 *	200.0	48.5	8,200 *	200.0	54.0	7,200 *
170.0	43.2	23,000	170.0	45.6	23,500	190.0	42.1	19,600	190.0	45.4	20,300 *	200.0	44.1	15,700 *	200.0	48.4	13,500 *	210.0	45.5	8,100 *	210.0	50.9	7,200 *
180.0	39.1	20,800	180.0	41.4	21,100	200.0	38.2	17,700	200.0	41.2	18,600 *	210.0	40.7	15,200 *	210.0	44.8	13,400 *	220.0	42.5	7,800 *	220.0	47.7	7,000 *
190.0	34.7	18,700	190.0	36.7	19,000	210.0	33.9	16,300	210.0	36.6	16,900	220.0	37.0	14,800 *	220.0	40.9	13,200 *	230.0	39.2	7,700 *	230.0	44.2	7,000 *
199.3	30.0	17,100	200.0	31.3	17,100	218.2	30.0	14,900	220.0	31.2	15,300	230.0	32.9	14,200 *	230.0	36.5	13,200 *	240.0	35.7	7,400 *	240.0	40.5	6,900 *
			202.3	30.0	16,700				221.4	30.0	14,900	237.5	30.0	13,400 *	240.0	31.2	13,200	250.0	31.8	7,200 *	250.0	36.1	6,500
															243.2	30.0	13,200	255.1	30.0	7,000 *	260.0	31.1	6,200
																					263.0	30.0	6,100
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

197 ft (60 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
54.4	80.0	58,400 *				59.8	80.0	46,500 *				66.4	80.0	26,600 *				70.3	80.0	14,700 *			
55.0	79.3	58,200 *				60.0	79.9	46,400 *				70.0	79.0	26,300 *				75.0	78.9	14,600 *			
60.0	78.1	56,800 *	64.5	80.0	42,300 *	65.0	78.8	45,700 *				75.0	77.9	25,800 *				80.0	77.9	14,200 *			
65.0	76.9	55,500 *	65.0	79.9	42,200 *	70.0	77.6	44,500 *				80.0	76.9	25,200 *				85.0	76.9	13,900 *			
70.0	75.7	54,500 *	70.0	78.6	41,800 *	75.0	76.5	43,400 *	78.3	80.0	29,700 *	85.0	75.8	24,600 *	89.9	80.0	17,800 *	90.0	75.9	13,500 *			
75.0	74.5	53,400 *	75.0	77.3	41,200 *	80.0	75.4	42,400 *	80.0	79.3	29,700 *	90.0	74.7	24,100 *	90.0	79.7	17,700 *	95.0	74.9	13,200 *			
80.0	73.2	52,000 *	80.0	76.0	40,600 *	85.0	74.2	41,500 *	85.0	78.1	29,700 *	95.0	73.7	23,700 *	95.0	78.6	17,600 *	100.0	73.9	12,900 *	100.1	80.0	9,400 *
85.0	71.9	51,000 *	85.0	74.7	40,000 *	90.0	73.1	40,500 *	90.0	77.0	29,400 *	100.0	72.6	23,200 *	100.0	77.5	17,300 *	110.0	71.9	12,200 *	110.0	77.7	9,300 *
90.0	70.7	50,000 *	90.0	73.4	39,000 *	95.0	71.9	39,600 *	95.0	75.8	29,100 *	110.0	70.4	22,200 *	110.0	75.3	16,800 *	120.0	69.8	11,700 *	120.0	75.6	8,900 *
95.0	69.4	49,000 *	95.0	72.1	38,000 *	100.0	70.7	38,800 *	100.0	74.6	28,700 *	120.0	68.2	21,400 *	120.0	73.0	16,200 *	130.0	67.7	11,200 *	130.0	73.4	8,800 *
100.0	68.1	48,000	100.0	70.8	37,000 *	110.0	68.3	37,300 *	110.0	72.1	27,900 *	130.0	65.9	20,500 *	130.0	70.7	15,900 *	140.0	65.6	10,700 *	140.0	71.3	8,500 *
110.0	65.5	45,000	110.0	68.2	35,400 *	120.0	65.9	35,900 *	120.0	69.7	26,700 *	140.0	63.6	19,800 *	140.0	68.3	15,500 *	150.0	63.4	10,300 *	150.0	69.1	8,300 *
120.0	62.8	39,800	120.0	65.4	33,900 *	130.0	63.5	34,700 *	130.0	67.1	25,500 *	150.0	61.3	19,000 *	150.0	65.9	15,000 *	160.0	61.3	9,800 *	160.0	66.8	8,000 *
130.0	60.1	35,000	130.0	62.7	32,700 *	140.0	60.9	31,900	140.0	64.5	24,500 *	160.0	58.8	18,400 *	160.0	63.4	14,600 *	170.0	59.0	9,400 *	170.0	64.5	7,900 *
140.0	57.2	31,100	140.0	59.8	31,200	150.0	58.3	28,600	150.0	61.8	23,600 *	170.0	56.3	17,800 *	170.0	60.8	14,500 *	180.0	56.7	9,100 *	180.0	62.1	7,700 *
150.0	54.3	27,500	150.0	56.8	28,300	160.0	55.6	25,600	160.0	59.1	22,800 *	180.0	53.8	17,300 *	180.0	58.2	14,200 *	190.0	54.3	8,800 *	190.0	59.6	7,500 *
160.0	51.2	24,400	160.0	53.6	25,300	170.0	52.8	22,800	170.0	56.2	22,000 *	190.0	51.1	16,700 *	190.0	55.4	13,800 *	200.0	51.8	8,500 *	200.0	57.1	7,300 *
170.0	48.0	21,900	170.0	50.4	22,600	180.0	49.9	20,500	180.0	53.2	21,400 *	200.0	48.3	16,300 *	200.0	52.5	13,700 *	210.0	49.3	8,300 *	210.0	54.4	7,200 *
180.0	44.7	19,700	180.0	47.0	20,200	190.0	46.8	18,500	190.0	50.0	19,600 *	210.0	45.4	15,800 *	210.0	49.4	13,600 *	220.0	46.6	8,000 *	220.0	51.6	7,200 *
190.0	41.2	17,600	190.0	43.3	18,100	200.0	43.6	16,600	200.0	46.6	17,700	220.0	42.3	14,700 *	220.0	46.2	13,400 *	230.0	43.9	7,900 *	230.0	48.7	7,000 *
200.0	37.2	15,700	200.0	39.2	16,200	210.0	40.1	14,800	210.0	43.0	16,000	230.0	39.0	13,100	230.0	42.7	13,200 *	240.0	40.9	7,700 *	240.0	45.6	7,000 *
210.0	32.9	14,200	210.0	34.7	14,400	220.0	36.4	13,600	220.0	39.1	14,400	240.0	35.4	11,900	240.0	38.9	12,400	250.0	37.7	7,400 *	250.0	42.2	7,000 *
216.3	30.0	13,200	219.3	30.0	13,000	230.0	32.3	12,100	230.0	34.7	12,900	250.0	31.5	10,900	250.0	34.6	11,000	260.0	34.3	7,300 *	260.0	38.5	6,600
						235.3	30.0	11,400	240.0	30.2	11,600	254.5	30.0	10,300	260.0	30.1	10,100	270.0	30.5	7,100 *	270.0	34.4	6,300
									240.3	30.0	11,600				260.2	30.0	10,100	272.2	30.0	6,600 *	280.1	30.0	5,900
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

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

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on 25 to 26.

Fixed Jib Lift Capacity (without main hook)

Counterweights : 308,600 lbs (140,000 kg) Carbody weights : 88,200 lbs (40,000 kg)

217 ft (66 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.1	80.0	58,200 *				63.3	80.0	46,500 *				69.8	80.0	26,600 *				73.7	80.0	14,700 *			
60.0	79.0	57,700 *				65.0	79.6	46,400 *				70.0	79.7	26,500 *				75.0	79.5	14,600 *			
65.0	78.0	56,400 *	67.9	80.0	42,100 *	70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *			
70.0	76.8	55,400 *	70.0	79.4	42,000 *	75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *			
75.0	75.7	54,400 *	75.0	78.3	41,600 *	80.0	76.4	43,300 *	81.7	80.0	29,700 *	85.0	76.8	25,000 *				90.0	76.8	13,700 *			
80.0	74.5	53,400 *	80.0	77.2	41,100 *	85.0	75.3	42,400 *	85.0	79.0	29,700 *	90.0	75.8	24,500 *	93.3	80.0	17,800 *	95.0	75.9	13,400 *			
85.0	73.3	52,600 *	85.0	76.0	40,500 *	90.0	74.2	41,400 *	90.0	77.9	29,700 *	95.0	74.8	24,100 *	95.0	79.4	17,700 *	100.0	74.9	13,100 *	103.5	80.0	9,200 *
90.0	72.2	51,400 *	90.0	74.8	39,800 *	95.0	73.2	40,600 *	95.0	76.8	29,500 *	100.0	73.8	23,600 *	100.0	78.4	17,500 *	110.0	73.0	12,600 *	110.0	78.5	9,200 *
95.0	71.0	50,200	95.0	73.6	39,000 *	100.0	72.1	39,800 *	100.0	75.7	29,100 *	110.0	71.8	22,800 *	110.0	76.3	17,000 *	120.0	71.1	12,000 *	120.0	76.6	9,100 *
100.0	69.9	48,900	100.0	72.4	38,100 *	110.0	69.9	38,400 *	110.0	73.5	28,400 *	120.0	69.7	21,900 *	120.0	74.2	16,400 *	130.0	69.2	11,500 *	130.0	74.6	8,800 *
110.0	67.4	44,200	110.0	70.0	36,400 *	120.0	67.7	37,000 *	120.0	71.2	27,300 *	130.0	67.6	21,000 *	130.0	72.1	16,100 *	140.0	67.2	11,000 *	140.0	72.6	8,500 *
120.0	65.1	38,500	120.0	67.5	35,000 *	130.0	65.4	34,600 *	130.0	68.9	26,300 *	140.0	65.5	20,300 *	140.0	69.9	15,700 *	150.0	65.2	10,600 *	150.0	70.5	8,400 *
130.0	62.6	33,700	130.0	65.0	33,600	140.0	63.1	30,900	140.0	66.5	25,300 *	150.0	63.3	19,600 *	150.0	67.7	15,400 *	160.0	63.2	10,200 *	160.0	68.4	8,100 *
140.0	60.0	29,700	140.0	62.4	30,800	150.0	60.8	27,300	150.0	64.2	24,300 *	160.0	61.1	19,000 *	160.0	65.4	15,100 *	170.0	61.2	9,700 *	170.0	66.3	7,900 *
150.0	57.4	26,200	150.0	59.8	27,200	160.0	58.3	24,200	160.0	61.6	23,600 *	170.0	58.9	18,300 *	170.0	63.1	14,700 *	180.0	59.0	9,400 *	180.0	64.1	7,800 *
160.0	54.7	23,200	160.0	57.0	24,100	170.0	55.8	21,500	170.0	59.1	22,900 *	180.0	56.6	17,800 *	180.0	60.7	14,400 *	190.0	56.9	9,200 *	190.0	61.9	7,700 *
170.0	51.9	20,600	170.0	54.1	21,300	180.0	53.3	19,200	180.0	56.4	20,900 *	190.0	54.1	17,400 *	190.0	58.2	14,100 *	200.0	54.6	8,900 *	200.0	59.6	7,400 *
180.0	49.0	18,300	180.0	51.2	19,000	190.0	50.6	17,200	190.0	53.6	18,500	200.0	51.7	16,500 *	200.0	55.7	14,000 *	210.0	52.3	8,500 *	210.0	57.2	7,400 *
190.0	45.9	16,200	190.0	48.0	16,700	200.0	47.8	15,300	200.0	50.8	16,600	210.0	49.1	14,900	210.0	53.0	13,600 *	220.0	50.0	8,300 *	220.0	54.8	7,200 *
200.0	42.7	14,300	200.0	44.7	14,900	210.0	44.9	13,600	210.0	47.7	14,800	220.0	46.5	13,300	220.0	50.2	13,500 *	230.0	47.6	8,100 *	230.0	52.3	7,200 *
210.0	39.3	12,900	210.0	41.2	13,100	220.0	41.8	12,300	220.0	44.5	13,300	230.0	43.7	11,900	230.0	47.3	12,800	240.0	45.0	8,000 *	240.0	49.5	7,000 *
220.0	35.6	11,300	220.0	37.3	11,600	230.0	38.5	10,800	230.0	41.1	11,700	240.0	40.7	10,600	240.0	44.1	11,600	250.0	42.3	7,700 *	250.0	46.8	7,000 *
230.0	31.5	10,000	230.0	33.0	10,200	240.0	34.9	9,600	240.0	37.3	10,400	250.0	37.5	9,500	250.0	40.8	10,100	260.0	39.4	7,400 *	260.0	43.7	7,000 *
233.4	30.0	9,700	236.4	30.0	9,400	250.0	31.0	8,400	250.0	33.0	9,000	260.0	34.0	8,500	260.0	37.1	8,900	270.0	36.3	7,300 *	270.0	40.4	7,000
						252.3	30.0	8,300	257.3	30.0	8,300	270.0	30.2	7,400	270.0	32.9	7,900	280.0	33.0	6,800 *	280.0	36.8	6,600
												271.6	30.0	7,200	277.3	30.0	7,200	289.2	30.0	6,300 *	290.0	32.8	6,200
																					297.1	30.0	5,900
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

236 ft (72 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
59.5	80.0	58,200 *				66.7	80.0	46,500 *				73.2	80.0	26,600 *				77.2	80.0	14,700 *			
60.0	79.8	58,100 *				70.0	79.3	46,100 *				75.0	79.4	26,500 *				80.0	79.3	14,500 *			
65.0	78.8	57,400 *				75.0	78.3	44,900 *				80.0	78.5	25,900 *				85.0	78.4	14,300 *			
70.0	77.7	56,300 *	71.3	80.0	42,100 *	80.0	77.3	43,900 *				85.0	77.6	25,300 *				90.0	77.6	14,000 *			
75.0	76.7	55,300 *	75.0	79.1	41,900 *	85.0	76.3	43,100 *	85.1	80.0	29,700 *	90.0	76.7	24,800 *				95.0	76.7	13,700 *			
80.0	75.7	54,300 *	80.0	78.1	41,300 *	90.0	75.3	42,300 *	90.0	78.8	29,700 *	95.0	75.8	24,400 *	96.7	80.0	17,800 *	100.0	75.8	13,500 *	106.9	80.0	9,400 *
85.0	74.6	53,500 *	85.0	77.0	41,000 *	95.0	74.3	41,400 *	95.0	77.8	29,600 *	100.0	74.8	24,000 *	100.0	79.1	17,600 *	110.0	74.0	12,800 *	110.0	79.2	9,300 *
90.0	73.5	52,500 *	90.0	75.9	40,500 *	100.0	73.3	40,600 *	100.0	76.7	29,400 *	110.0	72.9	23,200 *	110.0	77.2	17,200 *	120.0	72.3	12,200 *	120.0	77.4	9,100 *
95.0	72.4	51,100	95.0	74.8	39,900 *	110.0	71.4	39,200 *	110.0	74.7	28,700 *	120.0	71.0	22,300 *	120.0	75.3	16,600 *	130.0	70.5	11,700 *	130.0	75.6	9,000 *
100.0	71.3	48,900	100.0	73.7	39,000 *	120.0	69.2	37,500 *	120.0	72.5	28,000 *	130.0	69.1	21,600 *	130.0	73.3	16,300 *	140.0	68.6	11,300 *	140.0	73.7	8,700 *
110.0	69.1	42,700	110.0	71.5	37,300 *	130.0	67.2	33,700	130.0	70.4	27,000 *	140.0	67.1	21,000 *	140.0	71.3	16,000 *	150.0	66.8	10,800 *	150.0	71.8	8,400 *
120.0	66.9	37,300	120.0	69.2	35,900	140.0	65.1	29,600	140.0	68.3	26,000 *	150.0	65.1	20,300 *	150.0	69.2	15,600 *	160.0	64.9	10,400 *	160.0	69.9	8,200 *
130.0	64.6	32,500	130.0	66.9	33,600	150.0	62.9	26,200	150.0	66.1	25,000 *	160.0	63.1	19,600 *	160.0	67.2	15,300 *	170.0	63.0	10,100 *	170.0	67.9	8,100 *
140.0	62.3	28,500	140.0	64.6	29,900	160.0	60.7	23,100	160.0	63.8	24,300 *	170.0	61.0	19,000 *	170.0	65.0	15,000 *	180.0	61.1	9,800 *	180.0	65.9	7,900 *
150.0	60.0	25,000	150.0	62.2	26,200	170.0	58.4	20,400	170.0	61.5	22,400 *	180.0	58.9	18,400 *	180.0	62.8	14,600 *	190.0	59.0	9,400 *	190.0	63.8	7,700 *
160.0	57.5	22,000	160.0	59.7	23,100	180.0	56.1	18,000	180.0	59.1	19,800	190.0	56.7	17,200 *	190.0	60.6	14,300 *	200.0	57.0	9,100 *	200.0	61.8	7,600 *
170.0	55.0	19,500	170.0	57.2	20,400	190.0	53.7	16,100	190.0	56.6	17,500	200.0	54.5	15,500 *	200.0	58.3	14,200 *	210.0	54.9	8,700 *	210.0	59.6	7,400 *
180.0	52.5	17,000	180.0	54.6	18,000	200.0	51.2	14,200	200.0	54.1	15,700	210.0	52.2	13,800	210.0	55.9	13,800 *	220.0	52.8	8,700 *	220.0	57.4	7,300 *
190.0	49.8	15,100	190.0	51.8	15,800	210.0	48.6	12,500	210.0	51.4	13,800	220.0	49.8	12,300	220.0	53.5	13,300	230.0	50.6	8,300 *	230.0	55.1	7,200 *
200.0	47.0	13,200	200.0	49.0	14,000	220.0	46.0	12,400	220.0	48.7	13,700	230.0	47.4	10,800	230.0	51.0	11,900	240.0	48.3	8,200 *	240.0	52.7	7,200 *
210.0	44.1	11,500	210.0	45.9	12,200	230.0	43.2	11,100	230.0	45.7	12,200	240.0	44.8	9,600	240.0	48.2	10,600	250.0	45.9	7,800 *	250.0	50.3	7,000 *
220.0	41.0	10,200	220.0	42.8	10,600	240.0	40.2	9,700	240.0	42.6	10,800	250.0	42.1	8,400	250.0	45.4	9,200	260.0	43.4	7,500 *	260.0	47.6	7,000 *
230.0	37.7	8,800	230.0	39.4	9,100	250.0	37.0	8,400	250.0	39.3	9,400	260.0	39.2	7,400	260.0	42.4	8,000	270.0	40.8	7,000	270.0	44.9	7,000
240.0	34.1	7,600	240.0	35.7	7,700	260.0	33.5	7,300	260.0	35.6	8,100	269.0	36.5	6,500	270.0	39.1	7,000	280.0	38.0	6,100	279.6	42.4	6,500
250.0	30.2	6,400	250.0	31.5	6,600	269.4	30.0	6,400	270.0	31.5	6,900				279.0	36.3	6,100						
250.4	30.0	6,300	253.4	30.0	6,300				274.4	30.0	6,000												
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

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

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on 25 to 26.

CK3300G-2
CRANE - LIFTING CAPACITY

Fixed Jib Lift Capacity (without main hook)

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

256 ft (78 m) Boom

40 ft jib						60 ft jib						80 ft jib						100 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.9	80.0	51,700				70.1	80.0	37,100 *				76.6	80.0	20,700 *				80.6	80.0	12,300 *			
65.0	79.6	51,200				75.0	79.0	36,700 *				80.0	79.2	20,500 *				85.0	79.1	12,100 *			
70.0	78.6	50,100	74.7	80.0	41,000 *	80.0	78.1	36,300 *				85.0	78.3	20,300 *				90.0	78.3	11,900 *			
75.0	77.6	49,000	75.0	79.9	41,000 *	85.0	77.2	35,900 *	88.6	80.0	29,000 *	90.0	77.5	20,100 *				95.0	77.4	11,700 *			
80.0	76.6	47,900	80.0	78.9	40,000 *	90.0	76.3	35,500 *	90.0	79.5	28,800 *	95.0	76.6	19,900 *				100.0	76.6	11,500 *			
85.0	75.6	46,800 *	85.0	77.9	39,000 *	95.0	75.4	35,100 *	95.0	78.6	28,400 *	100.0	75.8	19,700 *	100.1	80.0	17,000 *	110.0	74.9	11,200 *	110.3	80.0	9,000 *
90.0	74.6	45,700 *	90.0	76.9	38,000 *	100.0	74.4	34,700 *	100.0	77.6	28,000 *	110.0	73.9	19,400 *	110.0	78.0	16,600 *	120.0	73.2	10,900 *	120.0	78.1	8,800 *
95.0	73.6	44,600 *	95.0	75.9	37,000 *	110.0	72.5	33,900 *	110.0	75.7	27,200 *	120.0	72.2	19,100 *	120.0	76.2	16,300 *	130.0	71.6	10,600 *	130.0	76.4	8,600 *
100.0	72.6	43,500 *	100.0	74.8	36,000 *	120.0	70.6	33,100 *	120.0	73.7	26,400 *	130.0	70.4	18,800 *	130.0	74.4	16,000 *	140.0	69.9	10,300 *	140.0	74.6	8,400 *
110.0	70.6	41,200 *	110.0	72.8	34,200 *	130.0	68.7	32,800 *	130.0	71.8	25,600 *	140.0	68.5	18,500 *	140.0	72.4	15,700 *	150.0	68.1	10,000 *	150.0	72.9	8,200 *
120.0	68.5	36,100 *	120.0	70.7	32,400 *	140.0	66.7	28,300 *	140.0	69.7	24,800 *	150.0	66.7	18,200 *	150.0	70.5	15,400 *	160.0	66.4	9,700 *	160.0	71.1	8,000 *
130.0	66.4	31,300 *	130.0	68.6	30,600 *	150.0	64.7	25,100 *	150.0	67.7	24,000 *	160.0	64.8	17,900 *	160.0	68.7	15,100 *	170.0	64.7	9,400 *	170.0	69.3	7,800 *
140.0	64.3	27,300	140.0	66.4	29,000 *	160.0	62.7	22,000 *	160.0	65.6	23,200 *	170.0	62.9	17,600 *	170.0	66.7	14,800 *	180.0	62.8	9,100 *	180.0	67.4	7,600 *
150.0	62.1	23,800	150.0	64.2	25,200 *	170.0	60.6	19,300 *	170.0	63.5	21,900 *	180.0	60.9	17,300 *	180.0	64.7	14,500 *	190.0	61.0	8,800 *	190.0	65.5	7,400 *
160.0	59.9	20,800	160.0	62.0	22,100 *	180.0	58.4	16,800 *	180.0	61.3	18,700 *	190.0	58.9	17,000 *	190.0	62.6	14,200 *	200.0	59.1	8,500 *	200.0	63.6	7,300 *
170.0	57.7	18,400	170.0	59.7	19,500 *	190.0	56.3	15,000	190.0	59.1	16,500 *	200.0	56.9	14,500 *	200.0	60.6	13,900 *	210.0	57.1	8,200 *	210.0	61.6	7,200 *
180.0	55.4	15,700	180.0	57.4	17,000	200.0	54.0	13,100	200.0	56.8	14,800 *	210.0	54.8	12,700 *	210.0	58.4	13,600 *	220.0	55.2	7,900 *	220.0	59.6	7,100 *
190.0	52.9	14,000	190.0	54.9	14,900	210.0	51.7	11,400	210.0	54.4	12,800 *	220.0	52.7	11,300 *	220.0	56.2	13,100 *	230.0	53.2	7,600 *	230.0	57.5	7,000 *
200.0	50.5	12,100	200.0	52.4	13,100	220.0	49.4	10,400	220.0	52.0	11,800 *	230.0	50.5	9,700 *	230.0	53.9	11,000 *	240.0	51.1	7,300 *	240.0	55.3	6,900 *
210.0	47.9	10,100	210.0	49.7	11,300	230.0	47.0	9,400	230.0	49.5	10,800 *	240.0	48.1	8,600 *	240.0	51.5	9,600 *	250.0	49.0	7,000 *	250.0	53.2	6,800 *
220.0	45.2	9,100	220.0	47.0	9,600	240.0	44.3	8,400	240.0	46.8	9,800	250.0	45.8	7,300 *	250.0	49.0	8,300 *	260.0	46.7	6,800 *	260.0	50.9	6,700 *
230.0	42.4	7,600	230.0	44.1	8,000	250.0	41.6	7,400	250.0	44.0	8,800	260.0	43.3	6,300	260.0	46.4	7,100	270.0	44.4	6,700 *	270.0	48.4	6,600 *
			240.0	41.0	6,400	260.0	38.7	6,300	260.0	40.9	7,900				270.0	43.7	6,100				280.0	45.9	6,400
									270.0	37.7	7,000										290.0	43.3	6,200
									280.0	34.1	6,100										300.0	40.4	6,000
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

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

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on 25 & 26.

Heavy Fixed Jib Lift Capacity

Counterweights : 308,600 lbs (140,000 kg) Carbody weights : 88,200 lbs (40,000 kg)

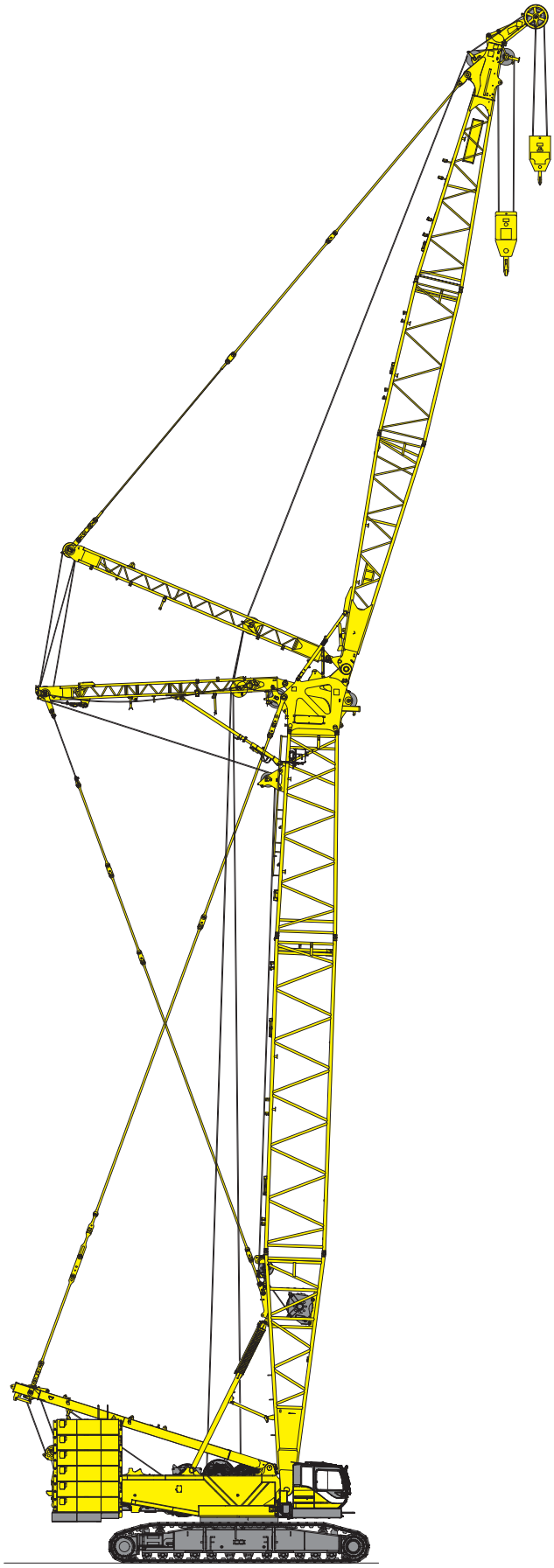
236 ft (72 m) Boom		
98 ft jib		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
72.2	83.5	88,200 *
75.0	83.0	84,900 *
80.0	82.1	79,500 *
85.0	81.2	74,800 *
90.0	80.4	70,500 *
95.0	79.5	66,900 *
100.0	78.6	63,800 *
110.0	76.8	57,800 *
120.0	75.0	53,000 *
130.0	73.2	48,900 *
140.0	71.4	45,100 *
150.0	69.5	41,100 *
160.0	67.6	36,300 *
170.0	65.7	31,800 *
180.0	63.7	27,800 *
190.0	61.7	24,100 *
200.0	59.6	20,900 *
210.0	57.5	17,800 *
220.0	55.3	14,900 *
230.0	53.1	12,200 *
240.0	50.8	10,000 *
250.0	48.4	7,900 *
255.9	46.9	6,600 *
Reeves		3

Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 28.

For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - GENERAL DIMENSIONS

Luffing Jib



For reference only.
Operators manual should be consulted and adhered to.

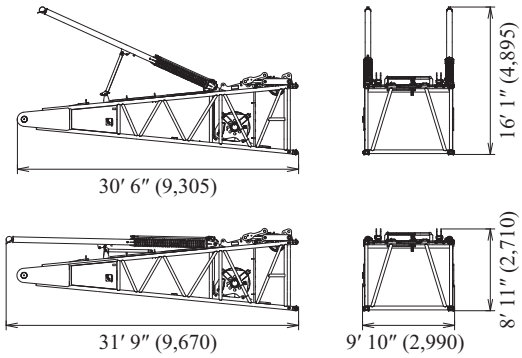
STANDARD CONFIGURATION
LUFFING - DIMENSIONS & WEIGHT

Dimensions : ft-in (mm) Weight : lbs (kg)

30 ft (9 m) Boom Base

Weight : 27,935 lbs (12,675 kg)

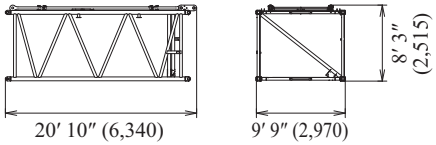
- W2 winch and wirerope ○
- Guide sheave ○
- Boom backstop ○
- Walkway ○
- Guy lines for boom and strut guy lines ○
- Reeving winch and wirerope ○



20 ft (6 m) Boom Insert

Weight : 5,530 lbs (2,510 kg)

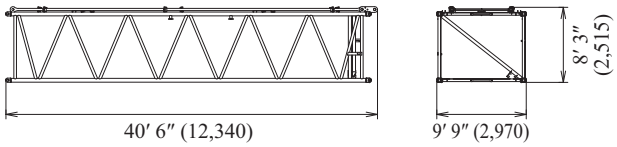
Includes walkway, guy lines for boom and strut guy lines.



40 ft (12 m) Boom Insert

Weight : 9,645 lbs (4,375 kg)

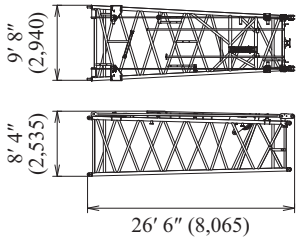
Includes walkway, guy lines for boom and strut guy lines.



26 ft (7.8 m) Taper Boom Insert

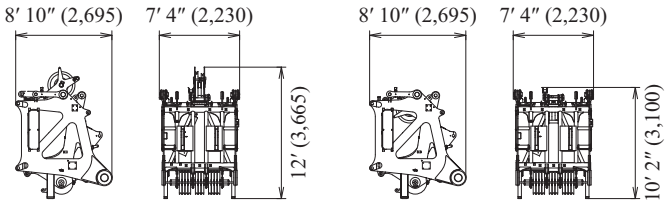
Weight : 7,995 lbs (3,630 kg)

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



Boom Tip

Weight : 10,100 lbs (4,580 kg)

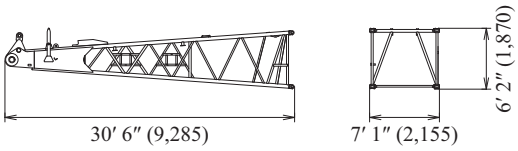


For reference only.
Operators manual should be consulted and adhered to.

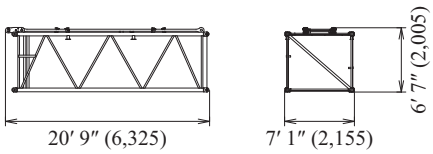
CK3300G-2
LUFFING - DIMENSIONS & WEIGHT

Dimensions : ft-in (mm) Weight : lbs (kg)

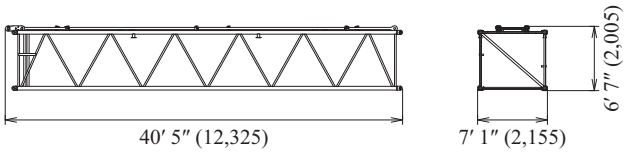
Luffing Jib Base
Weight : 6,100 lbs (2,770 kg)
Includes walkway.



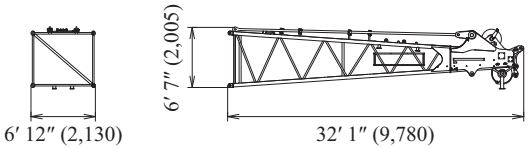
20 ft (6 m) Luffing Jib Insert
Weight : 2,370 lbs (1,075 kg)
Includes guy lines and walkway.



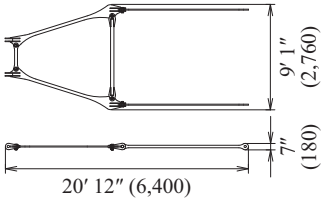
40 ft (12 m) Luffing Jib Insert
Weight : 4,170 lbs (1,890 kg)
Includes guy lines and walkway.



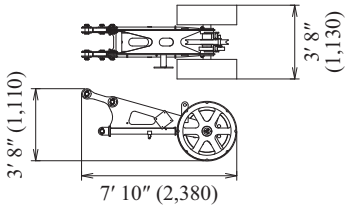
Luffing Jib Tip
Weight : 6,615 lbs (3,000 kg)
Includes guy lines and walkway.



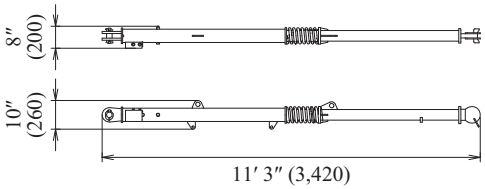
Link Assy
Weight : 825 lbs (375 kg)



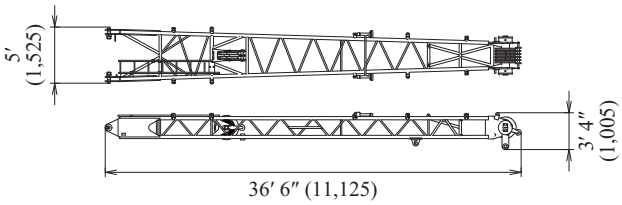
Auxiliary Sheave
Weight : 1,620 lbs (735 kg)



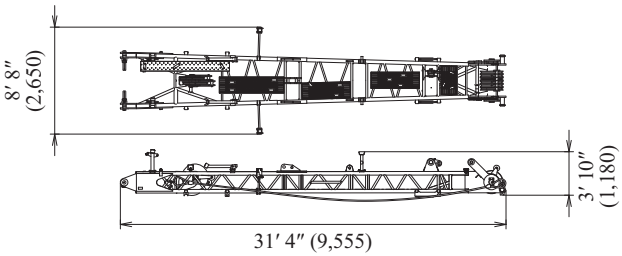
Luffing Jib back stop
Weight : 650 lbs (295 kg)



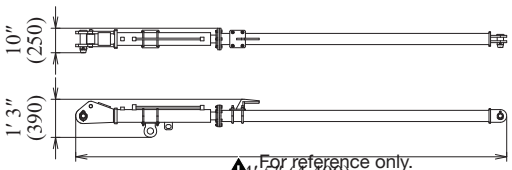
Front Strut (Luffing Jib)
Weight : 4,585 lbs (2,080 kg)



Rear Strut (Luffing Jib)
Weight : 5,335 lbs (2,420 kg)
Includes sling and walkway.



Luffing Jib Strut Backstop
Weight : 490 lbs (225 kg)



For reference only.
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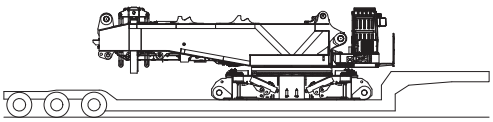
STANDARD CONFIGURATION
LUFFING - TRANSPORTATION PLAN

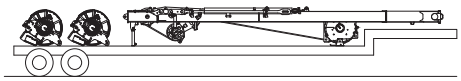
Configuration : Standard LF 197′ + 197′ (Counterweight : 308,600 lbs, Carbody weight 88,200 lbs)

Item	Qty.	Net wt.		Trailer															
		k-lbs	m-ton	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16
Base machine without H1 and H2 hoist winch	1	91.3	41.4	1															
H1 hoist none free fall winch with 1,969′ wire rope	1	10.4	4.7		1														
H2 hoist none free fall winch with 1,969′ wire rope	1	10.4	4.7		1														
Standard mast w/W1 winch	1	22.6	10.2		1														
Left crawler frame with 52″ shoe	1	64.8	29.4			1													
Right crawler frame with 52″ shoe	1	64.8	29.4				1												
Base counterweight	1	44.1	20.0					1											
Counterweight (20,050 lbs)	10	22.1	10.0								1	1	1	1	1	1		2	2
Counterweight (11,025 lbs)	4	11.0	5.0								1	1	1			1			
Base carbody weight	2	38.7	17.6							1							1		
Carbody weight w/step	2	6.1	2.8											1			1		
Base boom w/W2 winch	1	27.9	12.7						1										
20′ boom insert (**)	1	5.5	2.5							1									
40′ boom insert (**)	3	9.6	4.4								1	1	1						
Boom tip w/26′ taper boom (**)	1	18.1	8.2											1					
Base jib w/Fr and Re strut	1	19.5	8.9												1				
20′ jib insert w/guy lines	1	2.4	1.1							1									
40′ jib insert w/guy lines	3	4.2	1.9								1	1	1						
Jib tip w/Aux.sheave and guy lines	1	8.2	3.7													1			
50 US ton hook block	1	4.9	2.2												1				
15 US ton ball hook	1	2.0	0.9													1			
(**) : including guy lines for crane and luffing strut.	Gross wt. (×1,000 lbs)			91.3	43.4	64.8	64.8	44.1	27.9	46.6	46.9	46.9	46.9	46.3	46.4	43.3	44.8	44.1	44.1

Trailer #1



Trailer #2



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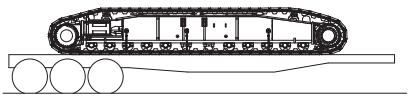

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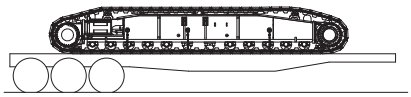

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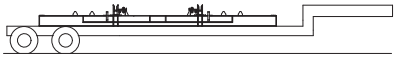

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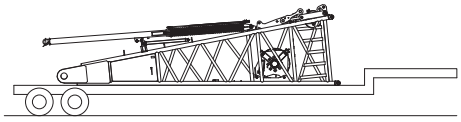

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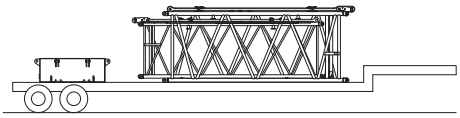

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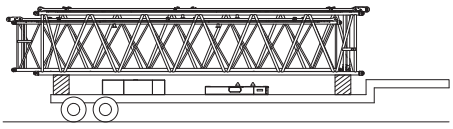

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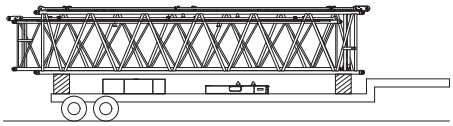

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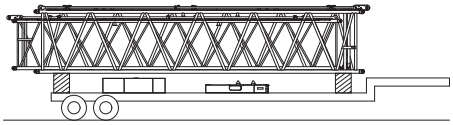

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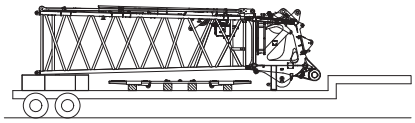

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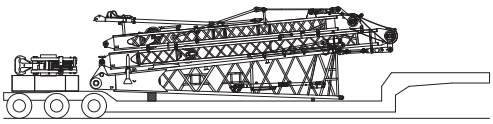

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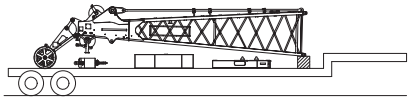

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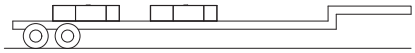
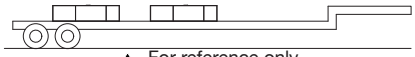
Trailer #15

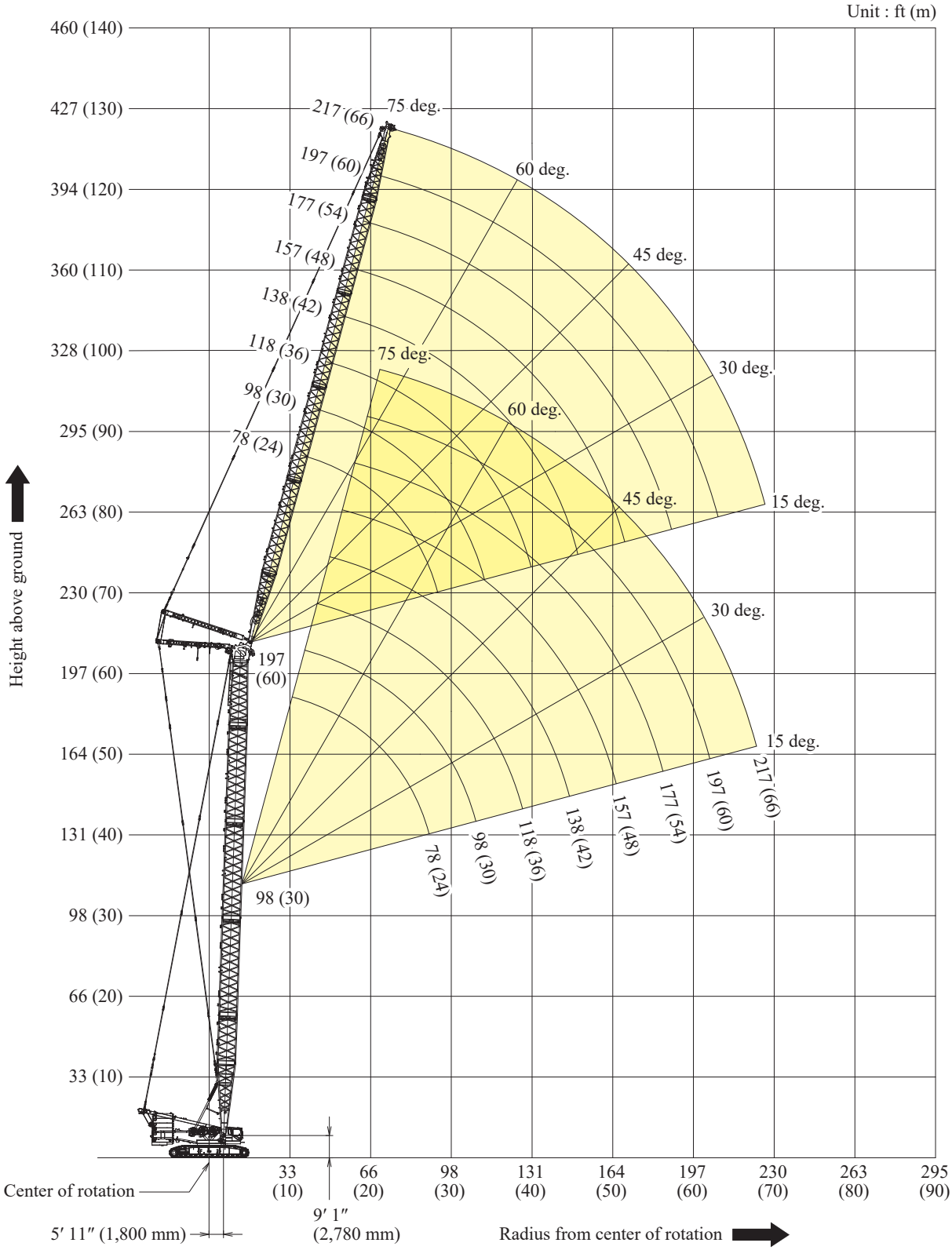


Trailer #16



⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib 88 deg



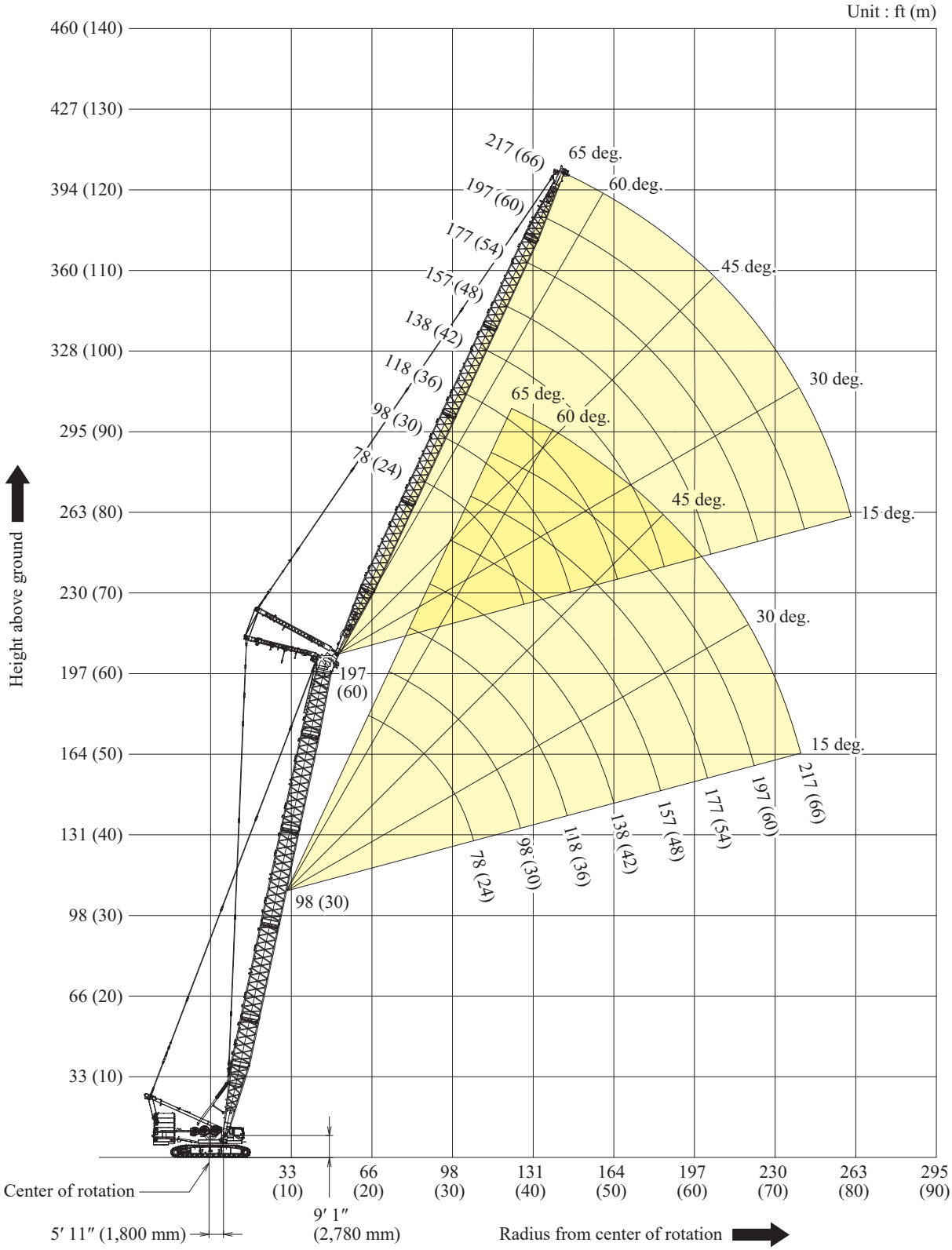
- Working weight*1 : 794,490 lbs (360,375 kg)
- Ground bearing pressure*1 : Approx. 21.9 psi (151 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 197 ft (60 m) luffing boom, 217 ft (66 m) luffing jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) luffing boom and 386 US ton hook block.

⚠ For reference only. Operators manual should be consulted and adhered to.

Luffing Jib 78 deg



- Working weight*1 : 794,490 lbs (360,375 kg)
- Ground bearing pressure*1 : Approx. 21.9 psi (151 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 197 ft (60 m) luffing boom, 217 ft (66 m) luffing jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) luffing boom and 386 US ton hook block.

⚠ For reference only.
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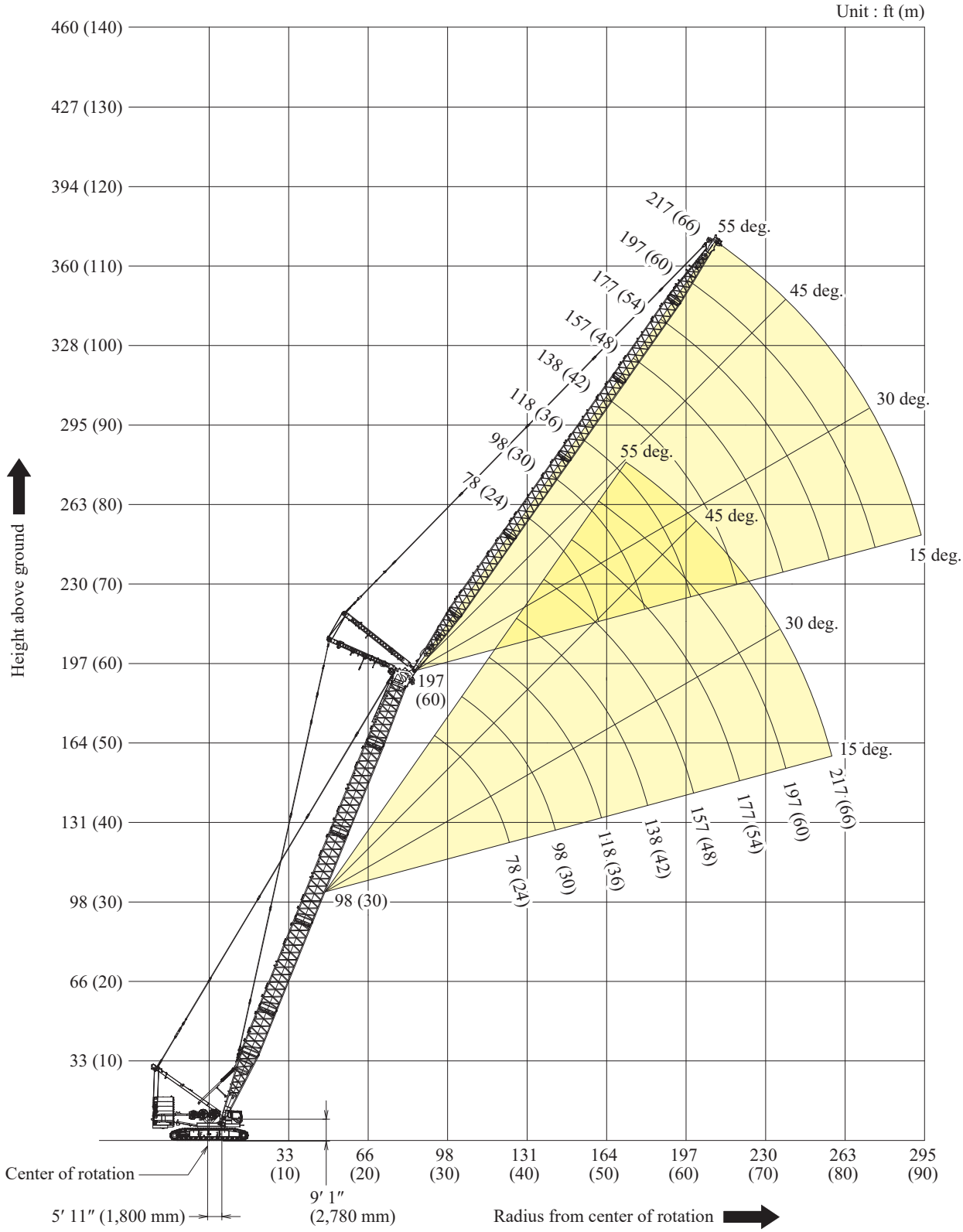
CK3300G-2
LUFFING - WORKING RANGES

Luffing Jib 68 deg



- Working weight*1 : 794,490 lbs (360,375 kg)
- Ground bearing pressure*1 : Approx. 21.9 psi (151 kPa)
- Grade - ability*2 : 20% (11.3 deg.)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*1 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 197 ft (60 m) luffing boom, 217 ft (66 m) luffing jib and 50 US ton hook block.

*2 : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 78 ft (24 m) luffing boom and 386 US ton hook block.

⚠ For reference only. Operators manual should be consulted and adhered to.

Luffing Boom / Jib Arrangement

Luffing Boom Arrangement for Luffing

Boom length : ft (m)	Boom arrangement
98 (30)	30 L, 40, 26 T, U 30 L, 20, 20, 26 T, U
118 (36)	* 30 L, 20, 40, 26 T, U
138 (42)	* 30 L, 20, 20, 40, 26 T, U 30 L, 40, 40, 26 T, U
157 (48)	* 30 L, 20, 40, 40, 26 T, U
177 (54)	* 30 L, 20, 20, 40, 40, 26 T, U 30 L, 40, 40, 40, 26 T, U
197 (60)	* 30 L, 20, 40, 40, 40, 26 T, U

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

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

Luffing Jib Arrangement

Jib length : ft (m)	Jib arrangement
78 (24)	30 LJ, 20, 30 UJ
98 (30)	* 30 LJ, 20, 20, 30 UJ 30 LJ, 40, 30 UJ
118 (36)	* 30 LJ, 20, 40, 30 UJ
138 (42)	* 30 LJ, 20, 20, 40, 30 UJ 30 LJ, 40, 40, 30 UJ
157 (48)	* 30 LJ, 20, 40, 40, 30 UJ
177 (54)	* 30 LJ, 20, 20, 40, 40, 30 UJ 30 LJ, 40, 40, 40, 30 UJ
197 (60)	* 30 LJ, 20, 40, 40, 40, 30 UJ
217 (66)	* 30 LJ, 20, 20, 40, 40, 40, 30 UJ 30 LJ, 40, 40, 40, 40, 30 UJ

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

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

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

For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib

1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or derate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).

2. Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.

- Boom backstops are required for all boom lengths.
- The crane must be leveled to within 1% on a firm supporting surface.

4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.

5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.

6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.

7. The total load that can be lifted of a jib is limited by rated jib loads.

8. The total load that can be lifted of an auxiliary sheave should not exceed 33,000 lbs in case of single part of line. And it should not exceed 66,100 lbs in case of two parts of line.

9. Luffing boom and jib combinations.

Boom Length : ft	Jib Length : ft							
	78	98	118	138	157	177	197	217
98	○	○	○	○	○	○	○	○
118	○	○	○	○	○	○	○	○
138	○	○	○	○	○	○	○	○
157	○	○	○	○	○	○	○	○
177	○	○	○	○	○	○	○	○
197	○	○	○	○	○	○	○	○

○ : Combinations which is allowed.

10. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering for all boom and jib combinations, the blocks for erection must be placed at the end of the crawlers.

11. Least stable position is over the side.

12. The minimum rated load is 9,700 lbs (4.4 t).

⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib

13. Maximum number of reeving parts of line for hoist rope.

(1) Luffing Jib (Double Drum)

Boom Length : ft	Jib Length : ft							
	78	98	118	138	157	177	197	217
98	8	8	8	6	6	4	4	4
118	8	8	8	6	6	4	4	4
138	8	8	8	6	6	4	4	4
157	8	8	8	6	6	4	4	4
177	8	8	8	6	6	4	4	4
197	8	8	6	6	4	4	4	4

(2) Luffing Jib (Single Drum)

Boom Length : ft	Jib Length : ft							
	78	98	118	138	157	177	197	217
98	8	8	7	6	5	4	3	3
118	8	7	7	6	5	4	3	3
138	7	7	6	6	5	4	3	3
157	7	6	5	5	5	4	3	3
177	6	5	5	5	4	4	3	3
197	5	5	5	4	4	4	3	3

(3) Auxiliary

Boom Length : ft	Jib Length : ft							
	78	98	118	138	157	177	197	217
98	2	2	2	2	2	2	2	2
118	2	2	2	2	2	2	2	2
138	2	2	2	2	2	2	2	2
157	2	2	2	2	2	2	2	2
177	2	2	2	2	2	2	2	2
197	2	2	2	2	2	2	2	2

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

Jib Hoist Loads (Double Drum)

No. of Parts of line	4 (2×2)	6 (2×3)	8 (2×4)
Max. Loads : lbs	132,200	198,400	264,500
Max. Loads : t	60.0	90.0	120.0

Jib Hoist Loads (Single Drum)

No. of Parts of line	1	2	3	4
Max. Loads : lbs	33,000	66,100	99,200	132,200
Max. Loads : t	15.0	30.0	45.0	60.0

No. of Parts of line	5	6	7	8
Max. Loads : lbs	165,300	198,400	231,400	264,500
Max. Loads : t	75.0	90.0	105.0	120.0

Auxiliary Hoist Loads

No. of Parts of line	1	2
Max. Loads : lbs	33,000	66,100
Max. Loads : t	15.0	30.0

15. Weight of recommended hook block.

Hook block	220 USt	110 USt	50 USt	BALL HOOK
Weight : lbs	9,040	5,950	4,850	1,985
Number of sheave	7	3	1	-

WARNING

If the weight of hook block to be used is lighter than the recommended weight, the jib may turnover backward or it is difficult to lower the empty hook block.

For reference only.
Operators manual should be consulted and adhered to.

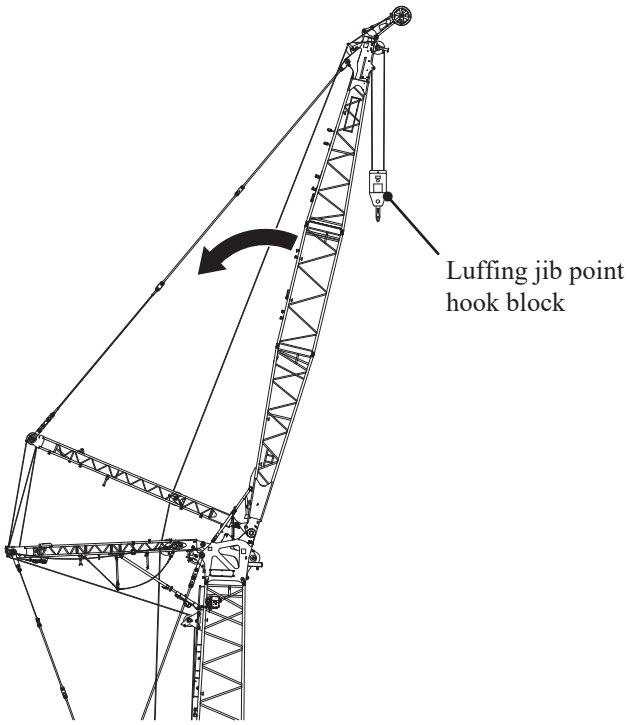
Luffing Jib

16. 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.



CK3300G-2 (PRV) minimum hook block self-weight and minimum number of reeving parts of line on hook block

Boom Length : ft (m)	Jib Length : ft (m)	78 (24)	98 (30)	118 (36)	138 (42)	157 (48)	177 (54)	197 (60)	217 (66)
98 (30)	Hook Block Self-Weight : lbs	4,850	4,850	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2
118 (36)	Hook Block Self-Weight : lbs	4,850	4,850	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2
138 (42)	Hook Block Self-Weight : lbs	5,950	4,850	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2
157 (48)	Hook Block Self-Weight : lbs	9,040	5,950	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2
177 (54)	Hook Block Self-Weight : lbs	9,040	4,850	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2
197 (60)	Hook Block Self-Weight : lbs	9,040	5,950	4,850	4,850	4,850	4,850	4,850	4,850
	No. of Parts Line	2	2	2	2	2	2	2	2

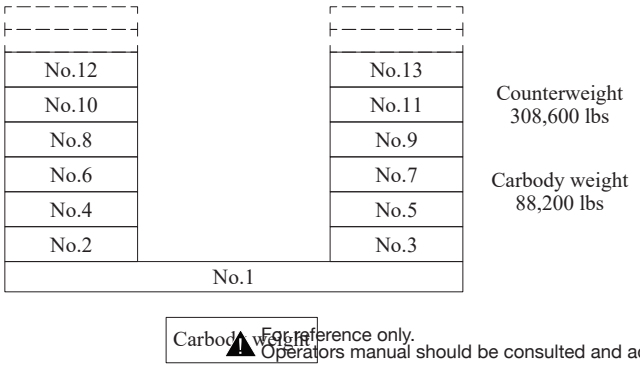
17. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

18. Designed and rated to comply with ASME B30.5-2014.

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

[Reference Information]

Assembling the counterweight



For reference only.
Operators manual should be consulted and adhered to.

NOTES

For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

98 ft (30 m) Boom

78 ft (24 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	260,200 *	260,200 *				
46.0	253,600 *	253,800 *				
48.0	243,200 *	243,300 *				
50.0	233,100 *	233,400 *				
55.0	206,400 *	212,200 *	212,200 *			
60.0	181,600 *	194,500 *	194,200 *			
65.0	162,000 *	179,400 *	177,200			
70.0	146,500 *	163,400 *	162,400			
75.0	129,600 *	147,000 *	149,100	144,500		
80.0	111,100 *	129,400 *	137,400	133,000		
85.0	91,900 *	108,400 *	127,300	123,100		
90.0		88,900 *	112,400 *	114,900	111,100	
95.0			93,900 *	107,500	104,000	
100.0					97,700	94,400
110.0					86,700	83,800
120.0						
130.0						
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

98 ft (30 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	257,400 *					
46.0	250,800 *					
48.0	242,200 *					
50.0	233,400 *	233,400 *				
55.0	210,200 *	212,200 *				
60.0	185,400 *	194,500 *	193,900 *			
65.0	165,400 *	178,700 *	176,200			
70.0	149,500 *	164,100	161,400			
75.0	136,000 *	150,900	148,200			
80.0	124,500 *	138,700	136,500	131,900		
85.0	114,700 *	126,600 *	126,200	122,000		
90.0	105,800 *	116,700 *	117,700	113,800		
95.0	94,100 *	105,400 *	110,200	106,400	102,700	
100.0		92,900 *	102,300	99,800	96,400	
110.0		67,000 *	83,000 *	88,700	85,600	
120.0				78,400	77,000	74,300
130.0						67,200
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

98 ft (30 m) Boom

118 ft (36 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0	224,600 *					
48.0	218,600 *					
50.0	212,500 *					
55.0	200,600 *					
60.0	189,300 *	191,800 *				
65.0	168,400 *	178,700 *				
70.0	152,100 *	163,800	160,900			
75.0	138,300 *	150,300	147,400			
80.0	126,600 *	138,500	135,600			
85.0	116,700 *	128,200	125,600			
90.0	108,400 *	119,400	116,900	112,800		
95.0	101,100 *	111,000	109,300	105,400		
100.0	94,300 *	103,200 *	102,600	99,000		
110.0	80,000 *	89,400 *	91,200	87,900		
120.0	62,700 *	71,200 *	80,200	78,900	76,100	
130.0				71,400	68,800	66,100
140.0					62,500	60,100
150.0					57,300	55,100
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

138 ft (42 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0	190,500 *					
60.0	184,700 *	193,100 *				
65.0	171,300 *	178,700				
70.0	154,500 *	163,400				
75.0	140,300 *	149,700	146,600			
80.0	128,400 *	137,800	134,800			
85.0	118,300 *	127,600	124,700			
90.0	109,900 *	118,700	116,200			
95.0	102,600 *	110,900	108,600	104,700		
100.0	96,100 *	104,100	102,000	98,100		
110.0	85,200 *	92,400	90,400	87,000		
120.0	75,000 *	82,300 *	81,200	78,200	75,200	
130.0	63,000 *	70,100 *	73,400	70,700	67,900	
140.0			65,200	64,200	61,600	59,200
150.0			52,100 *	58,900	56,400	54,000
160.0				51,200 *	52,000	49,900
170.0						46,100
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

98 ft (30 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	153,600 *					
65.0	149,900 *					
70.0	144,300 *	150,100 *				
75.0	137,700 *	142,700 *				
80.0	129,900 *	135,200 *	134,300			
85.0	119,800 *	127,000	124,200			
90.0	111,200 *	118,300	115,700			
95.0	103,700 *	110,500	108,100			
100.0	97,200 *	103,700	101,300			
110.0	86,100 *	91,900	89,900			
120.0	77,400 *	82,600	80,800	77,600		
130.0	69,500 *	74,700	72,900	70,000	67,200	
140.0	61,000 *	66,700	66,200	63,600	61,000	
150.0	50,100 *	55,600 *	60,600	58,200	55,800	
160.0	40,100 *	45,200 *	52,200 *	53,600	51,300	49,000
170.0				49,600	47,500	45,300
180.0					44,100	42,100
190.0					41,000	39,100
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0	122,700 *					
70.0	116,900 *					
75.0	111,000 *	115,100 *				
80.0	105,600 *	109,300 *				
85.0	100,600 *	104,100 *				
90.0	96,200 *	99,400 *	104,400 *			
95.0	92,100 *	95,000 *	99,600 *			
100.0	88,400 *	91,000 *	95,300 *			
110.0	81,700 *	83,900 *	87,600 *			
120.0	75,500 *	77,700 *	80,000	77,400		
130.0	69,500 *	71,600 *	72,700	69,800		
140.0	63,600 *	65,600 *	66,000	63,300	60,700	
150.0	58,400 *	60,400 *	60,400	57,800	55,300	
160.0	49,700 *	53,500 *	55,600	53,300	50,900	48,800
170.0	41,200 *	45,700 *	50,200	49,200	47,000	45,000
180.0			43,600	45,600	43,600	41,600
190.0			35,000 *	42,400	40,400	38,600
200.0					37,800	36,100
210.0						33,700
220.0						
230.0						
240.0						
250.0						

98 ft (30 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	87,800 *					
80.0	84,900 *	88,100 *				
85.0	80,900 *	83,800 *				
90.0	77,200 *	79,900 *				
95.0	73,800 *	76,200 *	80,100 *			
100.0	70,700 *	72,900 *	76,500 *			
110.0	65,000 *	67,000 *	70,000 *			
120.0	60,300 *	62,000 *	64,600 *			
130.0	56,000 *	57,500 *	59,800 *	63,900 *		
140.0	52,100 *	53,400 *	55,600 *	59,200 *		
150.0	48,800 *	50,100 *	51,900 *	55,000 *		
160.0	44,800 *	46,300 *	48,200 *	51,400 *	50,700	
170.0	41,200 *	42,600 *	44,500 *	47,700 *	46,700	44,600
180.0	37,700 *	39,200 *	40,900 *	43,900 *	43,100	41,200
190.0	34,000 *	36,200 *	37,700 *	40,400 *	39,900	38,200
200.0	27,500 *	30,600 *	34,900 *	37,400 *	37,200	35,500
210.0				34,700 *	34,800	33,100
220.0					32,500	31,000
230.0						
240.0						
250.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	71,600 *					
80.0	67,800 *					
85.0	64,300 *					
90.0	61,100 *	63,400 *				
95.0	58,200 *	60,300 *				
100.0	55,600 *	57,600 *	60,600 *			
110.0	50,700 *	52,300 *	55,000 *			
120.0	46,600 *	48,000 *	50,300 *			
130.0	42,900 *	44,200 *	46,300 *	49,900 *		
140.0	39,700 *	41,000 *	42,700 *	45,700 *		
150.0	36,800 *	37,900 *	39,500 *	42,200 *		
160.0	34,400 *	35,400 *	36,800 *	39,100 *	41,900 *	
170.0	32,100 *	33,000 *	34,300 *	36,400 *	38,800 *	
180.0	29,600 *	30,700 *	31,900 *	33,900 *	36,100 *	38,200 *
190.0	26,900 *	27,800 *	29,300 *	31,800 *	33,500 *	35,500 *
200.0	24,600 *	25,400 *	26,700 *	29,100 *	31,300 *	33,200 *
210.0	22,300 *	23,200 *	24,300 *	26,500 *	28,700 *	30,700 *
220.0			22,100 *	24,100 *	26,000 *	28,200 *
230.0					23,700 *	25,700 *
240.0					21,800 *	23,500 *
250.0						21,200 *

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

118 ft (36 m) Boom

78 ft (24 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	260,200 *					
46.0	253,600 *	253,600 *				
48.0	243,200 *	243,200 *				
50.0	233,400 *	233,400 *				
55.0	209,500 *	212,200 *				
60.0	184,500 *	194,400 *	192,400 *			
65.0	164,300 *	177,900 *	174,800			
70.0	148,400 *	163,400	160,400			
75.0	134,600 *	149,900	147,500	141,900		
80.0	120,100 *	136,200 *	136,100	130,700		
85.0	99,900 *	119,800 *	126,000	120,900		
90.0		99,800 *	117,500	112,700		
95.0			105,300	105,400	101,100	
100.0					94,800	
110.0					84,300	
120.0						
130.0						
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

98 ft (30 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	259,500 *					
46.0	252,700 *					
48.0	242,900 *					
50.0	233,400 *	227,400 *				
55.0	212,200 *	212,200 *				
60.0	188,600 *	194,200 *				
65.0	167,900 *	177,100	173,700			
70.0	151,500 *	162,500	159,300			
75.0	137,700 *	149,700	146,400			
80.0	126,000 *	138,500	135,000	129,400		
85.0	116,100 *	128,200	124,900	119,800		
90.0	107,700 *	118,900 *	116,400	111,600		
95.0	99,300 *	110,100 *	108,800	104,300		
100.0		100,300 *	102,200	97,900	93,500	
110.0		75,300 *	91,000	87,000	83,100	
120.0				78,200	74,700	
130.0					67,500	
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

118 ft (36 m) Boom

118 ft (36 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0	208,300 *					
55.0	200,600 *					
60.0	192,400 *	193,900 *				
65.0	170,900 *	177,100				
70.0	154,200 *	162,500				
75.0	140,000 *	149,300	145,700			
80.0	127,900 *	137,600	134,100			
85.0	117,800 *	127,300	124,000			
90.0	109,500 *	118,700	115,500			
95.0	102,100 *	110,900	108,000	103,300		
100.0	95,700 *	104,100	101,400	97,000		
110.0	84,800 *	91,800 *	90,100	86,100		
120.0	68,000 *	77,000 *	81,000	77,300	73,600	
130.0			69,600	69,900	66,400	63,300
140.0					60,300	57,500
150.0					55,300	52,600
160.0						48,500
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

138 ft (42 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0	197,500 *					
60.0	187,500 *					
65.0	173,600 *	176,000				
70.0	156,700 *	161,400				
75.0	142,100 *	148,400				
80.0	129,900 *	136,900	133,400			
85.0	119,600 *	126,700	123,400			
90.0	110,900 *	118,000	114,900			
95.0	103,400 *	110,300	107,300			
100.0	97,000 *	103,500	100,700	96,100		
110.0	85,900 *	91,700	89,200	85,200		
120.0	77,100 *	82,400	80,100	76,400		
130.0	66,800 *	73,100	72,300	69,000	65,600	
140.0		62,400 *	65,500	62,700	59,500	56,400
150.0		47,400 *	59,000	57,300	54,400	51,500
160.0				52,900	50,100	47,400
170.0					46,300	43,800
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on page 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

118 ft (36 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	160,100 *					
65.0	152,400 *					
70.0	144,900 *					
75.0	137,700 *	143,800 *				
80.0	130,200 *	136,100 *				
85.0	121,100 *	126,800				
90.0	112,300 *	118,200	115,000			
95.0	104,700 *	110,400	107,400			
100.0	98,000 *	103,500	100,700			
110.0	86,800 *	91,900	89,200			
120.0	77,900 *	82,500	80,100	76,400		
130.0	70,500 *	74,500	72,300	68,900		
140.0	63,600 *	67,700	65,700	62,500	59,400	
150.0	55,200 *	62,000	60,200	57,100	54,200	
160.0	44,300 *	50,900 *	55,400	52,600	49,900	47,200
170.0				48,700	46,100	43,600
180.0					42,700	40,400
190.0					39,700	37,500
200.0						35,000
210.0						
220.0						
230.0						
240.0						
250.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0	123,900 *					
70.0	117,600 *					
75.0	111,600 *	116,600 *				
80.0	106,000 *	110,600 *				
85.0	101,000 *	105,200 *				
90.0	96,600 *	100,500 *				
95.0	92,400 *	96,000 *	101,700 *			
100.0	88,600 *	91,800 *	97,100 *			
110.0	81,900 *	84,600 *	88,400			
120.0	75,700 *	78,400 *	79,600	75,700		
130.0	69,700 *	72,300 *	71,900	68,200		
140.0	63,800 *	66,200 *	65,300	61,800	58,800	
150.0	58,600 *	60,800 *	59,600	56,400	53,600	
160.0	53,100 *	56,100 *	54,900	52,000	49,300	
170.0	45,600 *	49,700 *	50,700	48,000	45,400	42,800
180.0			46,200	44,500	41,900	39,500
190.0			40,500 *	41,300	38,800	36,600
200.0				38,600	36,300	34,100
210.0					34,000	31,900
220.0						
230.0						
240.0						
250.0						

118 ft (36 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	89,400 *					
80.0	85,500 *	89,200 *				
85.0	81,300 *	84,900 *				
90.0	77,600 *	80,800 *				
95.0	74,100 *	77,100 *				
100.0	70,900 *	73,700 *	78,000 *			
110.0	65,200 *	67,700 *	71,300 *			
120.0	60,300 *	62,500 *	65,700 *			
130.0	56,100 *	57,900 *	60,700 *	66,000 *		
140.0	52,300 *	53,800 *	56,200 *	60,900 *		
150.0	48,800 *	50,300 *	52,500 *	56,200		
160.0	44,900 *	46,500 *	48,800 *	51,600	48,800	
170.0	41,300 *	42,800 *	45,100 *	47,600	44,900	
180.0	37,900 *	39,400 *	41,500 *	44,000	41,400	39,000
190.0	35,100 *	36,200 *	38,200 *	40,800	38,400	36,200
200.0	29,800 *	33,300 *	35,300 *	38,100	35,900	33,700
210.0				35,400 *	33,500	31,400
220.0					31,200	29,300
230.0						27,500
240.0						25,800
250.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	72,000 *					
80.0	68,100 *					
85.0	64,500 *					
90.0	61,500 *	64,100 *				
95.0	58,600 *	60,900 *				
100.0	55,800 *	58,000 *				
110.0	51,000 *	53,000 *				
120.0	46,800 *	48,500 *	51,300 *			
130.0	43,100 *	44,600 *	47,100 *			
140.0	39,900 *	41,200 *	43,300 *	47,200 *		
150.0	37,000 *	38,100 *	39,900 *	43,500 *		
160.0	34,500 *	35,600 *	37,200 *	40,300 *		
170.0	32,100 *	33,200 *	34,600 *	37,400 *	40,300 *	
180.0	29,600 *	30,700 *	32,100 *	34,800 *	37,400 *	
190.0	26,900 *	28,000 *	29,800 *	32,400 *	34,900 *	
200.0	24,600 *	25,500 *	27,100 *	29,900 *	32,500 *	32,300
210.0	21,300 *	23,300 *	24,600 *	27,300 *	29,900 *	30,000
220.0			22,400 *	24,800 *	27,300 *	28,000
230.0				22,600 *	24,800 *	26,100
240.0				20,400 *	22,800 *	24,400
250.0						22,600 *

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

138 ft (42 m) Boom

78 ft (24 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	260,200 *					
46.0	253,600 *	253,600 *				
48.0	243,200 *	243,200 *				
50.0	233,400 *	233,400 *				
55.0	212,200 *	212,200 *				
60.0	187,700 *	193,900 *	189,400 *			
65.0	166,800 *	176,200	172,100			
70.0	150,600 *	161,700	157,900			
75.0	136,700 *	149,100	145,500			
80.0	122,600 *	137,700	134,500	127,900		
85.0	103,800 *	126,900 *	124,500	118,500		
90.0		106,900 *	116,100	110,300		
95.0			108,600	103,100	97,800	
100.0				96,800	91,800	
110.0				86,100	81,600	
120.0					73,300	69,300
130.0						62,600
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

98 ft (30 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	260,200 *					
46.0	253,600 *					
48.0	243,200 *					
50.0	233,400 *					
55.0	212,200 *	212,200 *				
60.0	191,900 *	192,800 *				
65.0	170,400 *	175,300	170,900			
70.0	153,700 *	160,700	156,700			
75.0	139,400 *	148,000	144,400			
80.0	127,400 *	137,000	133,500			
85.0	117,200 *	127,300	123,600			
90.0	108,800 *	118,700	115,100	109,200		
95.0	101,300 *	110,900	107,500	102,000		
100.0		102,700	100,900	95,700		
110.0		82,100 *	89,700	84,900		
120.0				76,300	72,000	
130.0					65,000	61,200
140.0						55,600
150.0						50,900
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

138 ft (42 m) Boom

118 ft (36 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0	208,300 *					
55.0	200,600 *					
60.0	193,400 *	193,000 *				
65.0	173,600 *	175,300				
70.0	156,400 *	160,700				
75.0	141,900 *	148,000	143,900			
80.0	129,600 *	136,700	132,400			
85.0	119,200 *	126,500	122,500			
90.0	110,700 *	117,800	114,100			
95.0	103,100 *	110,100	106,600	100,900		
100.0	96,500 *	103,300	100,000	94,600		
110.0	85,400 *	91,700	88,800	83,800		
120.0	71,100 *	81,200 *	79,800	75,200	70,900	
130.0			72,200	68,000	64,000	
140.0				61,900	58,100	54,500
150.0				56,600	53,100	49,800
160.0					49,000	45,800
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

138 ft (42 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0	198,000 *					
60.0	188,400 *					
65.0	175,900 *	174,200				
70.0	158,900 *	159,600				
75.0	143,900 *	146,800				
80.0	131,300 *	135,700	131,700			
85.0	120,700 *	125,800	121,800			
90.0	112,100 *	117,300	113,500			
95.0	104,400 *	109,600	106,000			
100.0	97,800 *	102,800	99,400			
110.0	86,600 *	91,100	88,100			
120.0	77,700 *	81,700	79,000	74,600		
130.0	68,900 *	73,900	71,300	67,200	63,100	
140.0		65,500	64,900	61,000	57,300	
150.0		51,900 *	59,300	55,800	52,200	
160.0				51,300	48,100	44,800
170.0					44,500	41,300
180.0						38,200
190.0						35,500
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

Ratings shown in [ ] in the table require double-drum specifications.

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

⚠ For reference only. Operators manual should be consulted and adhered to.

Refer to notes on pages 50 and 52.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

138 ft (42 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	160,700 *					
65.0	153,000 *					
70.0	145,400 *					
75.0	138,300 *	145,000 *				
80.0	130,900 *	136,300				
85.0	122,400 *	126,000				
90.0	113,500 *	117,300	113,500			
95.0	105,600 *	109,600	106,000			
100.0	98,900 *	102,800	99,400			
110.0	87,500 *	91,300	88,100			
120.0	78,500 *	81,900	79,100	74,600		
130.0	71,000 *	74,000	71,500	67,200		
140.0	64,600 *	67,300	64,900	60,900	57,000	
150.0	59,100 *	61,500	59,300	55,600	52,000	
160.0	47,800 *	53,700 *	54,700	51,300	47,900	
170.0			49,600	47,400	44,100	41,200
180.0				43,800	40,800	38,000
190.0				40,800	38,000	35,300
200.0					35,400	32,900
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0	124,900 *					
70.0	118,300 *					
75.0	112,200 *					
80.0	106,700 *	112,100 *				
85.0	101,700 *	106,500 *				
90.0	97,100 *	101,600 *				
95.0	92,900 *	97,100 *	103,900 *			
100.0	89,000 *	92,900 *	98,700 *			
110.0	82,100 *	85,500 *	87,600			
120.0	75,800 *	79,300 *	78,500			
130.0	69,700 *	73,000 *	70,800	66,600		
140.0	63,900 *	66,600 *	64,200	60,300		
150.0	58,800 *	60,900	58,700	55,100		
160.0	54,400 *	56,100	54,000	50,700	47,200	
170.0	47,800 *	51,600	49,900	46,700	43,500	
180.0		45,600	46,200	43,200	40,100	37,300
190.0		35,700 *	43,000	40,200	37,300	34,400
200.0				37,500	34,800	32,100
210.0					32,500	29,900
220.0						28,000
230.0						
240.0						
250.0						
260.0						

138 ft (42 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	90,600 *					
80.0	86,000 *	90,500 *				
85.0	81,800 *	85,800 *				
90.0	77,900 *	81,700 *				
95.0	74,400 *	77,900 *				
100.0	71,300 *	74,400 *	79,700 *			
110.0	65,500 *	68,200 *	72,700 *			
120.0	60,600 *	62,900 *	66,800 *			
130.0	56,200 *	58,300 *	61,600 *	66,200		
140.0	52,300 *	54,300 *	57,100 *	60,100		
150.0	49,000 *	50,600 *	53,200 *	54,700		
160.0	45,000 *	46,700 *	49,700 *	50,200	46,800	
170.0	41,300 *	43,000 *	45,900 *	46,200	43,000	
180.0	37,900 *	39,600 *	42,200 *	42,700	39,700	36,800
190.0	35,100 *	36,400 *	38,600 *	39,700	36,800	34,000
200.0	31,400 *	33,900 *	35,800 *	37,000	34,300	31,600
210.0			33,200 *	34,600	32,000	29,400
220.0				32,300	29,900	27,400
230.0						25,700
240.0						24,000
250.0						
260.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0						
80.0	67,600 *					
85.0	64,900 *					
90.0	61,800 *	64,600 *				
95.0	58,800 *	61,700 *				
100.0	56,100 *	58,700 *				
110.0	51,200 *	53,400 *				
120.0	47,000 *	48,900 *	52,300 *			
130.0	43,300 *	44,900 *	47,800 *			
140.0	39,900 *	41,400 *	44,000 *	48,700 *		
150.0	37,000 *	38,400 *	40,600 *	44,800 *		
160.0	34,500 *	35,600 *	37,700 *	41,400 *		
170.0	32,100 *	33,300 *	35,000 *	38,400 *	41,700	
180.0	29,600 *	30,900 *	32,600 *	35,600 *	38,400	
190.0	26,900 *	28,200 *	30,200 *	33,100 *	35,500	
200.0	23,900 *	25,700 *	27,500 *	30,700 *	33,000	30,300
210.0	20,000 *	22,900 *	25,100 *	28,200 *	30,700	28,100
220.0			22,800 *	25,600 *	28,500	26,000
230.0				23,200 *	26,100 *	24,400
240.0				21,200 *	23,800 *	22,700
250.0					21,600 *	21,200
260.0						19,900

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

157 ft (48 m) Boom

78 ft (24 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
44.0	260,200 *					
46.0	253,600 *	253,600 *				
48.0	243,200 *	243,200 *				
50.0	233,400 *	233,400 *				
55.0	212,200 *	212,200 *				
60.0	191,100 *	191,800 *	186,600			
65.0	169,500 *	174,400	169,500			
70.0	152,800 *	160,000	155,400			
75.0	138,500 *	147,400	143,200			
80.0	124,600 *	136,400	132,500	125,000		
85.0	107,300 *	126,900	122,900	115,600		
90.0		111,300 *	114,600	107,800		
95.0			107,200	100,800		
100.0				94,600	88,600	
110.0				84,000	78,600	
120.0					70,600	
130.0						
140.0						
150.0						
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

98 ft (30 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
44.0	260,200 *					
46.0	253,600 *					
48.0	243,200 *					
50.0	233,400 *					
55.0	212,200 *	211,400 *				
60.0	193,600 *	190,800 *				
65.0	173,100 *	173,300				
70.0	155,900 *	159,000	154,200			
75.0	141,200 *	146,400	142,100			
80.0	128,900 *	135,400	131,400			
85.0	118,500 *	126,000	121,800			
90.0	110,000 *	117,700	113,500			
95.0	102,300 *	110,100	106,100	99,500		
100.0		102,600	99,600	93,300		
110.0		86,800 *	88,300	82,700		
120.0			78,100	74,300	69,300	
130.0				67,100	62,400	
140.0					56,700	52,500
150.0					52,000	48,000
160.0						44,200
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

157 ft (48 m) Boom

118 ft (36 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0	208,300 *					
55.0	200,600 *					
60.0	193,800 *	190,900 *				
65.0	176,000 *	173,300				
70.0	158,700 *	159,000				
75.0	143,700 *	146,400	141,700			
80.0	131,100 *	135,300	130,700			
85.0	120,500 *	125,500	120,900			
90.0	111,700 *	116,900	112,600			
95.0	104,000 *	109,300	105,200			
100.0	97,400 *	102,600	98,700	92,200		
110.0	86,100 *	91,000	87,500	81,600		
120.0	73,700 *	81,700	78,500	73,200		
130.0			71,000	66,100	61,400	
140.0				60,100	55,800	
150.0				54,900	50,900	
160.0					46,800	43,100
170.0						39,800
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

138 ft (42 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	178,900 *					
65.0	173,700 *					
70.0	160,100 *	158,900				
75.0	145,900 *	146,200				
80.0	133,000 *	135,100	130,600			
85.0	122,100 *	125,500	120,700			
90.0	113,200 *	116,900	112,400			
95.0	105,400 *	109,200	105,000			
100.0	98,700 *	102,400	98,500			
110.0	87,300 *	90,800	87,200			
120.0	78,200 *	81,500	78,200	72,900		
130.0	70,700 *	73,700	70,700	65,800		
140.0		66,100	64,200	59,600	55,300	
150.0		56,000 *	58,900	54,400	50,400	
160.0				50,100	46,300	42,700
170.0					42,700	39,300
180.0						36,200
190.0						33,500
200.0						31,300
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						

Ratings shown in [ ] in the table require double-drum specifications.

Note : Designed and rated to comply with ASME Code B30.5

*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*

For reference only.
Operators manual should be consulted and adhered to.

Refer to notes on pages 50 and 52.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

157 ft (48 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	152,800 *					
65.0	149,400 *					
70.0	144,900 *					
75.0	138,800 *	143,400 *				
80.0	131,600 *	135,200				
85.0	123,700 *	125,100				
90.0	114,700 *	116,600	112,100			
95.0	106,600 *	109,000	104,700			
100.0	99,800 *	102,200	98,100			
110.0	88,200 *	90,600	87,000			
120.0	79,100 *	81,300	78,000	72,500		
130.0	71,500 *	73,400	70,400	65,300		
140.0	65,100 *	66,600	63,800	59,200	54,700	
150.0	59,700 *	60,900	58,400	54,000	50,000	
160.0	49,600 *	56,100	53,800	49,700	45,900	
170.0			49,700	45,900	42,300	38,600
180.0				42,500	39,000	35,600
190.0				39,500	36,200	33,100
200.0					33,800	30,700
210.0						28,700
220.0						
230.0						
240.0						
250.0						
260.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0	119,000 *					
75.0	112,800 *					
80.0	107,100 *	113,600 *				
85.0	102,100 *	107,900 *				
90.0	97,500 *	102,800 *				
95.0	93,200 *	98,100 *	104,100			
100.0	89,300 *	93,800 *	97,600			
110.0	82,400 *	86,200 *	86,300			
120.0	76,000 *	79,700	77,400			
130.0	69,900 *	72,900	69,800	64,700		
140.0	64,100 *	66,200	63,300	58,600		
150.0	58,900 *	60,400	57,800	53,500		
160.0	54,400 *	55,600	53,200	49,100	45,200	
170.0	48,900 *	51,400	49,100	45,200	41,600	
180.0		46,400	45,500	41,900	38,400	34,900
190.0		38,500 *	42,200	38,800	35,500	32,200
200.0				36,100	33,000	30,000
210.0					30,800	27,900
220.0						26,000
230.0						
240.0						
250.0						
260.0						

157 ft (48 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	90,400 *					
80.0	86,400 *					
85.0	82,200 *					
90.0	78,300 *	82,600 *				
95.0	74,800 *	78,800 *				
100.0	71,600 *	75,200 *	81,500 *			
110.0	65,700 *	68,800 *	74,300 *			
120.0	60,800 *	63,500 *	68,200 *			
130.0	56,400 *	58,800 *	62,800 *			
140.0	52,500 *	54,700 *	58,100 *	58,300		
150.0	49,000 *	51,000 *	53,900 *	53,100		
160.0	45,000 *	47,100 *	50,500 *	48,800		
170.0	41,300 *	43,400 *	46,700 *	44,900	41,200	
180.0	37,900 *	39,800 *	42,800 *	41,400	37,900	
190.0	35,100 *	36,600 *	39,300 *	38,400	35,100	
200.0	31,700 *	33,900 *	36,300 *	35,700	32,600	29,600
210.0			33,700 *	33,300	30,400	27,500
220.0				31,200	28,400	25,500
230.0					26,400	23,700
240.0					24,800	22,200
250.0						20,800
260.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0						
80.0	68,000 *					
85.0	65,200 *					
90.0	62,000 *					
95.0	59,000 *	62,400 *				
100.0	56,300 *	59,500 *				
110.0	51,200 *	53,900 *				
120.0	47,000 *	49,400 *	53,200 *			
130.0	43,400 *	45,400 *	48,700 *			
140.0	40,100 *	41,800 *	44,800 *	50,400 *		
150.0	37,000 *	38,600 *	41,300 *	46,200 *		
160.0	34,500 *	35,900 *	38,200 *	42,600 *		
170.0	32,100 *	33,500 *	35,500 *	39,400 *		
180.0	29,600 *	31,200 *	33,000 *	36,500 *	36,600	
190.0	26,900 *	28,500 *	30,700 *	34,000 *	33,800	
200.0	22,900 *	25,800 *	28,000 *	31,800 *	31,200	
210.0	18,600 *	22,400 *	25,400 *	29,200 *	29,000	26,000
220.0		18,500 *	22,900 *	26,400 *	27,100	24,100
230.0				23,900 *	25,200	22,400
240.0				21,900 *	23,600	20,900
250.0					22,000	19,500
260.0						18,200

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

177 ft (54 m) Boom

78 ft (24 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0	258,600 *					
46.0	249,900 *					
48.0	240,700 *					
50.0	232,000 *	233,400 *				
55.0	212,100 *	210,600 *				
60.0	193,400 *	189,800 *				
65.0	172,200 *	172,400	166,600			
70.0	155,000 *	158,100	152,700			
75.0	140,300 *	145,600	140,600			
80.0	126,400 *	134,700	130,100			
85.0	110,500 *	125,300	120,900			
90.0	90,400 *	115,300	112,900	105,100		
95.0		98,400	105,600	98,100		
100.0				92,000		
110.0				81,600		
120.0					67,600	
130.0					61,000	55,900
140.0						50,800
150.0						46,400
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

98 ft (30 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0	241,200 *					
48.0	236,600 *					
50.0	230,600 *					
55.0	211,100 *					
60.0	193,000 *	188,700 *				
65.0	175,300 *	171,300				
70.0	158,100 *	157,200				
75.0	143,000 *	144,700	139,400			
80.0	130,400 *	133,800	128,800			
85.0	119,900 *	124,400	119,800			
90.0	111,000 *	116,300	111,800			
95.0	103,200 *	108,900	104,500	96,700		
100.0		102,400	98,100	90,700		
110.0		90,600	87,000	80,500		
120.0			78,200	72,100		
130.0				65,100	59,600	
140.0					54,100	49,300
150.0					49,500	44,900
160.0						41,300
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

177 ft (54 m) Boom

118 ft (36 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0	208,300 *					
55.0	200,600 *					
60.0	193,000 *	188,900 *				
65.0	175,500 *	171,500				
70.0	159,900 *	157,300				
75.0	145,500 *	144,700				
80.0	132,600 *	133,800	128,700			
85.0	121,900 *	124,200	119,100			
90.0	112,800 *	115,900	111,000			
95.0	105,000 *	108,400	103,700			
100.0	98,200 *	101,700	97,200			
110.0	86,800 *	90,100	86,100			
120.0	76,100 *	81,000	77,300	71,100		
130.0			69,800	64,100	58,500	
140.0				58,100	52,900	
150.0				53,100	48,200	
160.0					44,400	40,200
170.0						36,900
180.0						34,100
190.0						31,800
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

138 ft (42 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	163,500 *					
65.0	158,600 *					
70.0	153,600 *	149,300 *				
75.0	145,300 *	142,400 *				
80.0	134,500 *	133,600				
85.0	123,600 *	124,000				
90.0	114,400 *	115,500	110,300			
95.0	106,400 *	107,900	103,000			
100.0	99,500 *	101,100	96,500			
110.0	87,900 *	89,500	85,400			
120.0	78,800 *	80,300	76,500	70,200		
130.0	71,100 *	72,600	69,000	63,200		
140.0		65,800	62,700	57,300	52,000	
150.0		59,600	57,300	52,200	47,300	
160.0			52,900	48,100	43,600	
170.0				44,500	40,200	35,900
180.0					37,100	33,200
190.0					34,400	30,700
200.0						28,500
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

177 ft (54 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0	140,900 *					
65.0	137,700 *					
70.0	134,200 *					
75.0	130,700 *	138,100 *				
80.0	127,100 *	133,100 *				
85.0	123,200 *	124,200				
90.0	115,400 *	115,700				
95.0	107,600 *	108,100	103,200			
100.0	100,600 *	101,300	96,700			
110.0	88,900 *	89,900	85,700			
120.0	79,600 *	80,600	76,700			
130.0	72,000 *	72,700	69,100	63,400		
140.0	65,600 *	66,000	62,700	57,500		
150.0	60,200 *	60,400	57,300	52,400		
160.0	51,300 *	55,600	52,700	48,200	43,600	
170.0			48,700	44,400	40,100	
180.0				41,000	36,900	33,000
190.0				38,200	34,200	30,400
200.0					31,800	28,300
210.0						26,300
220.0						24,600
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0	115,800 *					
75.0	112,300 *					
80.0	107,800 *	112,400 *				
85.0	102,600 *	109,100 *				
90.0	97,800 *	104,000 *				
95.0	93,500 *	99,100 *				
100.0	89,700 *	94,600 *	96,100			
110.0	82,600 *	86,900 *	85,200			
120.0	76,300 *	79,500	76,300			
130.0	70,100 *	72,200	68,700	62,800		
140.0	64,100 *	65,500	62,300	56,800		
150.0	58,900 *	60,000	56,900	51,800		
160.0	54,400 *	55,200	52,300	47,500		
170.0	49,700 *	50,900	48,200	43,700	39,400	
180.0		46,500	44,700	40,400	36,200	
190.0		41,100 *	41,500	37,500	33,500	
200.0				34,800	31,200	27,600
210.0				32,600	29,000	25,600
220.0					27,100	23,800
230.0						22,200
240.0						20,800
250.0						
260.0						
270.0						
280.0						

177 ft (54 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	91,600 *					
80.0	86,900 *					
85.0	82,700 *					
90.0	78,800 *	83,700 *				
95.0	75,100 *	79,800 *				
100.0	71,800 *	76,100 *				
110.0	65,900 *	69,500 *				
120.0	61,000 *	64,100 *	69,400 *			
130.0	56,600 *	59,300 *	63,800 *			
140.0	52,500 *	54,900 *	59,000 *	56,600		
150.0	49,000 *	51,200 *	54,800 *	51,600		
160.0	45,000 *	47,400 *	51,200 *	47,300		
170.0	41,400 *	43,600 *	47,400 *	43,500	39,100	
180.0	38,100 *	40,100 *	43,500 *	40,100	36,000	
190.0	35,100 *	36,900 *	40,000 *	37,100	33,100	
200.0	30,800 *	34,200 *	36,800 *	34,500	30,700	
210.0			34,000 *	32,200	28,600	25,200
220.0				30,100	26,600	23,400
230.0					24,800	21,700
240.0					23,300	20,200
250.0						18,900
260.0						
270.0						
280.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
44.0						
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0						
80.0	68,300 *					
85.0	65,600 *					
90.0	62,300 *					
95.0	59,200 *	63,200 *				
100.0	56,500 *	60,100 *				
110.0	51,400 *	54,600 *				
120.0	47,200 *	49,900 *	54,400 *			
130.0	43,500 *	45,700 *	49,700 *			
140.0	40,100 *	42,000 *	45,500 *			
150.0	37,000 *	38,800 *	41,900 *			
160.0	34,500 *	36,100 *	38,900 *	44,000 *		
170.0	32,100 *	33,600 *	36,000 *	40,600 *		
180.0	29,600 *	31,200 *	33,500 *	37,500 *	34,500	
190.0	26,900 *	28,500 *	31,300 *	34,900 *	31,800	
200.0	22,000 *	25,900 *	28,500 *	32,500 *	29,400	
210.0	17,200 *	22,100 *	25,800 *	29,900 *	27,300	23,900
220.0		17,500 *	23,200 *	27,300 *	25,300	22,100
230.0				24,800 *	23,500	20,400
240.0				22,600 *	22,000	18,900
250.0				20,300 *	20,600	17,500
260.0					19,200	16,300
270.0						15,300
280.0						14,300

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

CK3300G-2
LUFFING - LIFTING CAPACITIES

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

197 ft (60 m) Boom

78 ft (24 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
46.0	229,000 *					
48.0	220,900 *					
50.0	213,100 *	233,300 *				
55.0	196,000 *	209,600 *				
60.0	181,200 *	188,700 *				
65.0	168,300 *	171,500				
70.0	155,400 *	157,300	150,900			
75.0	142,100 *	144,800	138,900			
80.0	128,300 *	134,000	128,600			
85.0	113,700 *	124,400	119,300			
90.0	93,900 *	116,400	111,200			
95.0		102,600	104,000	95,400		
100.0				89,400		
110.0				79,300		
120.0				71,100	64,500	
130.0					58,200	
140.0						38,200 *
150.0						34,500 *
160.0						
170.0						
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

98 ft (30 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
46.0	215,900 *					
48.0	212,500 *					
50.0	208,500 *					
55.0	194,200 *					
60.0	179,500 *	187,700 *				
65.0	166,600 *	170,400				
70.0	155,600 *	156,300				
75.0	144,000 *	143,900	137,700			
80.0	132,100 *	132,900	127,300			
85.0	121,200 *	123,500	118,200			
90.0	112,200 *	115,500	110,600			
95.0	104,200 *	108,300	103,400			
100.0	95,700 *	101,800	97,000	88,500		
110.0	73,700 *	90,500	86,100	78,500		
120.0			77,300	70,400		
130.0				63,400	57,300	
140.0					51,900	
150.0					47,300	
160.0						38,800
170.0						35,700
180.0						
190.0						
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

197 ft (60 m) Boom

118 ft (36 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
46.0						
48.0						
50.0	183,400 *					
55.0	177,500 *					
60.0	171,300 *					
65.0	164,400 *	169,700 *				
70.0	154,000 *	156,500				
75.0	144,000 *	144,100				
80.0	134,300 *	133,200	127,200			
85.0	123,200 *	123,800	117,800			
90.0	114,000 *	115,500	109,700			
95.0	106,000 *	108,000	102,400			
100.0	99,100 *	101,300	96,100			
110.0	87,500 *	89,900	85,200			
120.0	77,600 *	80,800	76,400	69,300		
130.0		70,600	69,000	62,400		
140.0				56,600	50,800	
150.0				51,800	46,200	
160.0				47,700	42,400	
170.0					39,200	34,600
180.0						31,900
190.0						29,600
200.0						
210.0						
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

138 ft (42 m) Jib

Load Radius : ft	Boom Angle : deg. 88	86	83	78	73	68
46.0						
48.0						
50.0						
55.0						
60.0	149,900 *					
65.0	145,400 *					
70.0	140,800 *	149,000 *				
75.0	136,300 *	142,100 *				
80.0	131,200 *	133,100				
85.0	124,700 *	123,500				
90.0	115,600 *	115,100	109,200			
95.0	107,400 *	107,500	101,900			
100.0	100,400 *	100,900	95,500			
110.0	88,600 *	89,300	84,500			
120.0	79,400 *	80,100	75,700	68,600		
130.0	71,700 *	72,300	68,300	61,800		
140.0		65,700	62,000	55,900		
150.0		60,200	56,700	50,900		
160.0			52,200	46,800	41,600	
170.0				43,100	38,300	
180.0					35,300	31,000
190.0					32,700	28,500
200.0						26,400
210.0						24,600
220.0						
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

Ratings shown in ☐ in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on pages 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

Luffing Jib Lift Capacities

Counterweights : 308,600 lbs (140,000 kg) *Carbody weights : 88,200 lbs (40,000 kg)*

197 ft (60 m) Boom

157 ft (48 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
46.0						
48.0						
50.0						
55.0						
60.0	130,800 *					
65.0	127,800 *					
70.0	124,600 *					
75.0	121,300 *	127,700 *				
80.0	117,900 *	124,200 *				
85.0	114,400 *	120,500 *				
90.0	111,000 *	114,200				
95.0	106,800 *	107,200	101,600			
100.0	101,700 *	100,400	95,200			
110.0	89,600 *	89,000	84,100			
120.0	80,300 *	79,900	75,400			
130.0	72,600 *	72,000	68,000	61,300		
140.0	66,000 *	65,300	61,600	55,500		
150.0	60,400 *	59,800	56,200	50,500		
160.0	52,900 *	55,000	51,800	46,300	41,100	
170.0			47,800	42,700	37,800	
180.0				39,500	34,900	30,400
190.0				36,600	32,200	28,000
200.0				34,300	30,000	26,000
210.0					27,900	24,100
220.0						22,400
230.0						
240.0						
250.0						
260.0						
270.0						
280.0						

177 ft (54 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0	108,300 *					
75.0	106,000 *					
80.0	103,600 *	114,800 *				
85.0	101,100 *	106,700 *				
90.0	97,800 *	103,200 *				
95.0	94,000 *	99,600 *				
100.0	90,100 *	95,700 *	94,600			
110.0	83,100 *	87,800 *	83,700			
120.0	76,600 *	79,300	75,000			
130.0	70,300 *	71,700	67,600			
140.0	64,300 *	65,000	61,200	54,900		
150.0	59,100 *	59,300	55,800	50,000		
160.0	54,500 *	54,500	51,300	45,900		
170.0	49,900 *	50,300	47,400	42,200	37,200	
180.0		46,700	43,800	38,800	34,200	
190.0		43,500	40,600	36,000	31,600	
200.0			37,900	33,400	29,200	25,200
210.0				31,300	27,200	23,300
220.0					25,400	21,600
230.0						20,000
240.0						18,600
250.0						17,500
260.0						
270.0						
280.0						

197 ft (60 m) Boom

197 ft (60 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0	85,200 *					
80.0	83,500 *					
85.0	81,800 *					
90.0	78,700 *	84,500 *				
95.0	75,400 *	80,600 *				
100.0	72,200 *	76,900 *				
110.0	66,100 *	70,200 *				
120.0	61,100 *	64,600 *	70,600 *			
130.0	56,700 *	59,700 *	64,900 *			
140.0	52,700 *	55,400 *	59,800 *	54,700		
150.0	49,200 *	51,700 *	55,500	49,800		
160.0	45,200 *	47,800 *	51,100	45,500		
170.0	41,500 *	43,900 *	47,000	41,800		
180.0	38,100 *	40,300 *	43,400	38,600	33,800	
190.0	35,100 *	37,100 *	40,400	35,700	31,100	
200.0	30,100 *	34,400 *	37,200 *	33,200	28,900	
210.0			34,400 *	30,900	26,800	22,900
220.0				28,900	24,900	21,300
230.0					23,300	19,700
240.0					21,800	18,200
250.0					20,400	17,000
260.0						
270.0						
280.0						

217 ft (66 m) Jib						
Load Radius : ft	Boom Angle : deg.					
	88	86	83	78	73	68
46.0						
48.0						
50.0						
55.0						
60.0						
65.0						
70.0						
75.0						
80.0	67,100 *					
85.0	65,700 *					
90.0	62,600 *					
95.0	59,600 *	64,000 *				
100.0	56,700 *	60,800 *				
110.0	51,700 *	55,100 *				
120.0	47,300 *	50,300 *	55,500 *			
130.0	43,500 *	46,200 *	50,500 *			
140.0	40,100 *	42,500 *	46,300 *			
150.0	37,200 *	39,300 *	42,600 *			
160.0	34,500 *	36,400 *	39,400 *	44,200		
170.0	32,100 *	33,800 *	36,500 *	40,500		
180.0	29,600 *	31,400 *	33,900 *	37,300		
190.0	26,900 *	28,700 *	31,800 *	34,400		
200.0	21,300 *	26,200 *	28,900 *	31,900	27,600	
210.0	16,100 *	21,900 *	26,300 *	29,600	25,500	
220.0		16,800 *	23,600 *	27,500	23,600	19,700
230.0			20,500 *	25,400 *	21,900	18,200
240.0			14,800 *	23,300 *	20,400	16,900
250.0				21,200 *	19,000	15,600
260.0					17,800	14,500
270.0						13,300
280.0						12,500

Ratings shown in [ ] in the table require double-drum specifications.
Note : Designed and rated to comply with ASME Code B30.5
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*
Refer to notes on 50 and 52.

⚠ For reference only.
Operators manual should be consulted and adhered to.

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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