

KOBELCO

Hydraulic Crawler Crane

CK3300G₋₂

Standard Specifications

Max. Lifting Capacity - Crane : 330 US Tons

Max. Crane Boom Length : 295 ft

Max. Fixed Jib Combination : 256 ft + 100 ft

Max. 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



CK3300G-2

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General Description

Type :

Standard Crane

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

<i>Maximum lift capacity</i>	661,300 lbs @ 18.1' operating radius (78' boom)
<i>Basic boom length</i>	78' (24 m)
<i>Maximum boom length</i>	236' (72 m)

Standard Crane

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

<i>Maximum lift capacity</i>	542,300 lbs @ 22' operating radius (118' boom)
<i>Basic boom length</i>	78' (24 m)
<i>Maximum boom length</i>	276' (84 m)

Standard Crane

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

<i>Maximum lift capacity</i>	403,800 lbs @ 29.6' operating radius (177' boom)
<i>Basic boom length</i>	78' (24 m)
<i>Maximum boom length</i>	295' (90 m)

Standard Crane

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

<i>Maximum lift capacity</i>	321,400 lbs @ 33.8' operating radius (236' boom)
<i>Basic boom length</i>	78' (24 m)
<i>Maximum boom length</i>	295' (90 m)

Standard Fixed jib

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

<i>Maximum lift capacity</i>	58,400 lbs @ 54.4' operating radius (197' boom + 40' jib)
<i>Basic boom & jib length</i>	98' + 40' (30 m + 12.2 m)
<i>Maximum boom & jib length</i>	256' + 100' (78 m + 30.5 m)

Standard Heavy Fixed jib

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

<i>Maximum lift capacity</i>	88,200 lbs @ 72.2' operating radius (236' boom + 98' heavy jib)
<i>Basic boom & jib length</i>	98' + 59' (30 m + 18 m)
<i>Maximum boom & jib length</i>	236' + 98' (72 m + 30 m)

Standard Luffing jib

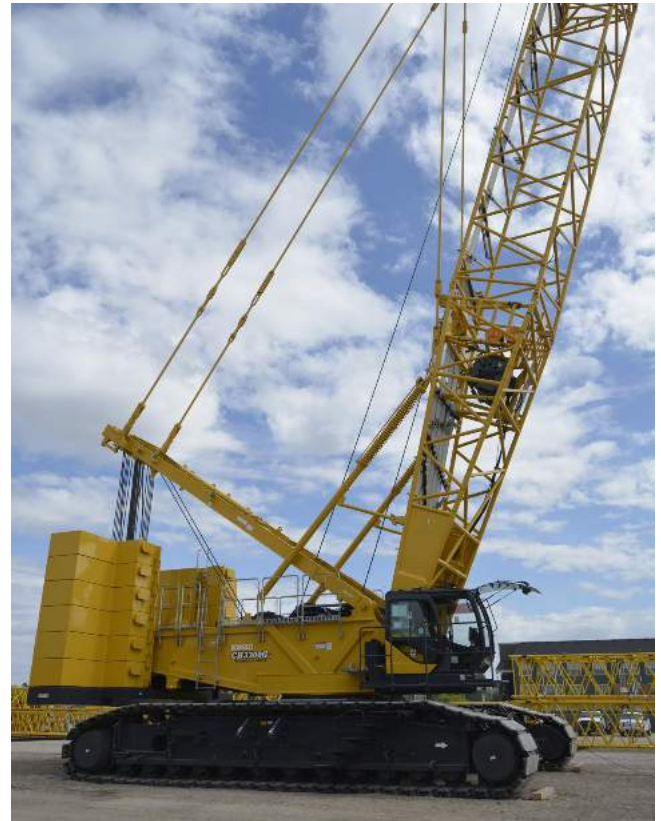
[308,600 lbs (140,000 kg) counterweight and 88,200 lbs (40,000 kg) carbody weight]

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

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 :

<i>Diesel engine - make and model</i>	SCANIA DC13 084A (Complies with "US Tier4 Final and EU Stage IV")
<i>No. of cylinders</i>	6 cylinders
<i>Bore × stroke</i>	5-1/16" × 6-5/16" (130 mm × 160 mm)
<i>Cycles</i>	4 cycles
<i>Total displacement</i>	775 cu.in. (12.7 L)
<i>Rated output SAE GROSS</i>	450 HP / 2,100 rpm (331 kW / 2,100 min ⁻¹)
<i>Maximum torque</i>	1,663 lbf·ft / 1,300 rpm (2,255 N·m / 1,300 min ⁻¹)
<i>Starter</i>	24 Volts / 6.0 kW
<i>Alternator</i>	24 Volts / 150 Amp
<i>Batteries</i>	Two 12 volt, 136 AH/5 HR capacity series connected.
<i>Radiator</i>	Corrugated type core, thermostatically controlled.
<i>Throttle</i>	Twist grip type hand throttle, electrically actuated, in conjunction with floor mounted pedal.
<i>Air cleaner</i>	Dry type with replaceable paper element.
<i>Fuel tank capacity</i>	158.5 US gal. (600 L)
<i>Lube oil filters</i>	Full flow and by-pass type with replaceable paper element type.
<i>Fuel filter</i>	Replaceable paper element with water separator.

Hydraulic pumps :

<i>Load hoist (H1) and propel (R)</i>	2 piston type pumps, max. flow rate 69.7 US gal / min × 2 (263.9 ℓ / min × 2)
<i>Load hoist (H2) and propel (L)</i>	2 piston type pumps, max. flow rate 69.7 US gal / min × 2 (263.9 ℓ / min × 2)
<i>Boom and Jib hoist (W1 / W2)</i>	2 piston type pump, max. flow rate 92.0 US gal/min (348.5 ℓ/min)
<i>Boom and jib hoist (W1 / W2) acceleration</i>	1 piston type pump, max. flow rate 71.5 US gal/min (271.0 ℓ/min)
<i>Swing</i>	1 piston type pump, max. flow rate 92.0 US gal/min (348.5 ℓ/min)
<i>Control system and auxiliary</i>	2 gear type pumps, max. flow rate 16.8 + 11.1 US gal/min (63.8 + 42.0 ℓ/min)
<i>Brake cooling system (optional for free fall winch)</i>	1 gear type pump, max. flow rate 16.9 US gal/min × 2 (64.3 ℓ/min × 2)

Counterweight and Carbody weight :

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

*Including the weight of platform



CK3300G-2

SPECIFICATIONS

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 fiberglass elements for return.

Reservoir capacity

227.2 US gal. (860 L)

Standard Mast :

The mast is an all-welded box type structure with high tensile steel equipped with self-raising cylinder.



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 control 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 dial speed controls for front, rear and boom drums.

At the left is the console mounted swing lever, an optional luffing jib hoist drum control (hydraulic over hydraulic), individual dial speed controls for luffing jib drum, an optional third winch control for third drum, 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, a boom and jib hoist pedal is on the left side, a throttle pedal is on the right side and optional free fall pedals are in the middle.

Swing :

Swing unit

Two sets of hydraulic motor driving through planetary reducer to output swing pinion for 360 degrees rotation.

Mode

Switchable three modes, free fast, free slow and auto brake.

Swing brake

Spring set hydraulically released multiple disk brake mounted on swing motor.

Swing circle

Wider diameter and triple row roller bearing with internal swing gear.

Drums :

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

Negative brake

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

Drum lock

External ratchet for locking drum

Load hoist (H1 & H2) drums (Non-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) storage 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.

Third drum (H3) (optional)

Max. line pull (1st layer) 69,915 lbf (311 kN)
Rated line pull (all layers) 29,760 lbf (132.4 kN)
590 mm P.C.D × 55,600 mm Lg., grooved for 26 mm dia. wire rope. Rope capacity is 1,115 ft (340 m) storage length.



View towards the front of the machine : W1, H2 and H1 drums

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 features.

Crawlers :

Crawler assemblies are designed with quick disconnects 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" shoe is in standard.
(48" shoe is optional)

Track rollers :

The track rollers are sealed for maintenance free operation.



Crane Attachments

Crane boom :

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

<i>Basic boom length</i>	78' (24.0 m)
<i>Boom base section</i>	30' (9.0 m)
<i>Boom insert</i>	20' (6.0 m)
<i>Tapered boom insert</i>	26' (7.8 m)
<i>Boom tip section w/11 sheaves</i>	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).

<i>Boom insert</i>	20' (6.0 m), 40' (12.0 m)
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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:

Auxiliary sheave is usable 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 usable on crane boom of 98' (30 m) through 256' (78 m) with counterweight amount 220,500 lbs (100,000 kg) through 352,700 lbs (160,000 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.

<i>Basic jib length</i>	40' (12.2 m)
<i>Jib base section</i>	15' (4.6 m)
<i>Jib insert</i>	10' (3.0 m)
<i>Jib tip section w/1 sheave</i>	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 usable on crane boom of 98' (30 m) to 236' (72 m) with counterweight amount 352,700 lbs (160,000 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.

<i>Basic jib length</i>	59' (18.0 m)
<i>Jib base section</i>	30' (9.0 m)
<i>Jib tip section w/4 sheave</i>	30' (9.0 m)

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 usable on 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.

<i>Basic jib length</i>	78' (24.0 m)
<i>Jib base length</i>	30' (9.0 m)
<i>Jib insert</i>	20' (6.0 m)
<i>Jib tip section w/4 sheave</i>	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.

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
- Rear side view and left side view camera
- Cigar lighter socket -12 V auxiliary power outlet - in cab
- Kcross (Telematics) system
- Reeving winch
- Boom foot pins, hydraulic
- Crawler frame connection pins, hydraulic
- Counterweight self removal device
- Crawler self removal device

Optional Equipment

Attachment :

- | | |
|------------------------------|--|
| <i>Fixed jib</i> | Basic 40' (12.2 m) fixed jib with strut and suspension pendant ropes.
10' (3.05 m) fixed jib insert
20' (6.0 m) fixed jib insert |
| <i>Luffing jib</i> | 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. |
| <i>Hook blocks and ball</i> | Various offerings |
| <i>Free-fall winches</i> | 28 mm dia. 1,969' (600 m) spool capacity free fall winch for front (H1) and rear (H2) drum. |
| <i>Third drum (optional)</i> | 26 mm dia. 1,115' (340 m) spool capacity |

Safety Device

- 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

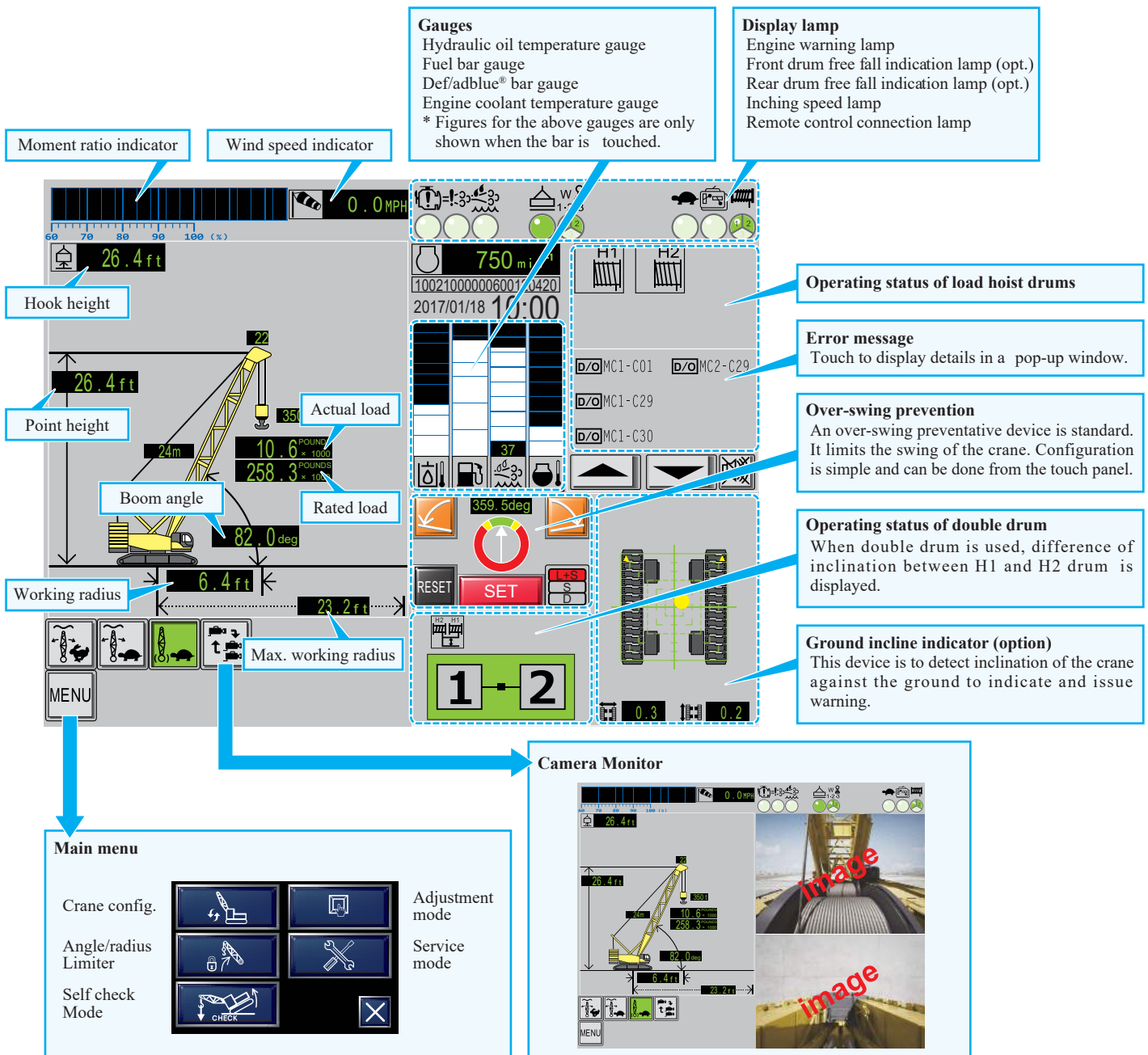
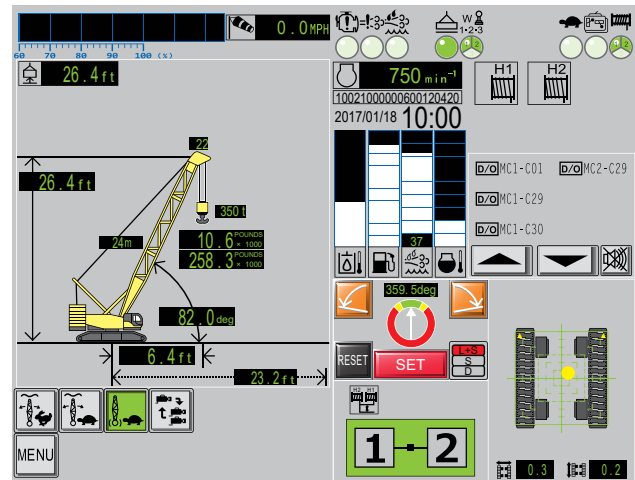


Tools and Accessories

A set of tools and accessories are furnished.

CK3300G-2 LOAD MOMENT INDICATOR (LMI)

The Kobelco designed 12" touch panel screen with sunshade and screen protector is an industry first. This intuitive and easy to understand 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 monitor includes : Hook Height, Engine Speed, Display Lamp of standard functions, Gauges, Over-Swing Prevention Device, Switches, and Error Messages.



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	
	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	NOT applicable
	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	
	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	NOT applicable
	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	

Third Drum (optional) :

Wire Rope Diameter = 26 mm dia.

Rated Line Pull = 29,760 lbf (132.4 kN)

Maximum Line Pull = 69,915 lbf (311 kN)

Total Storage Capacity = 1,115 ft (340 m)

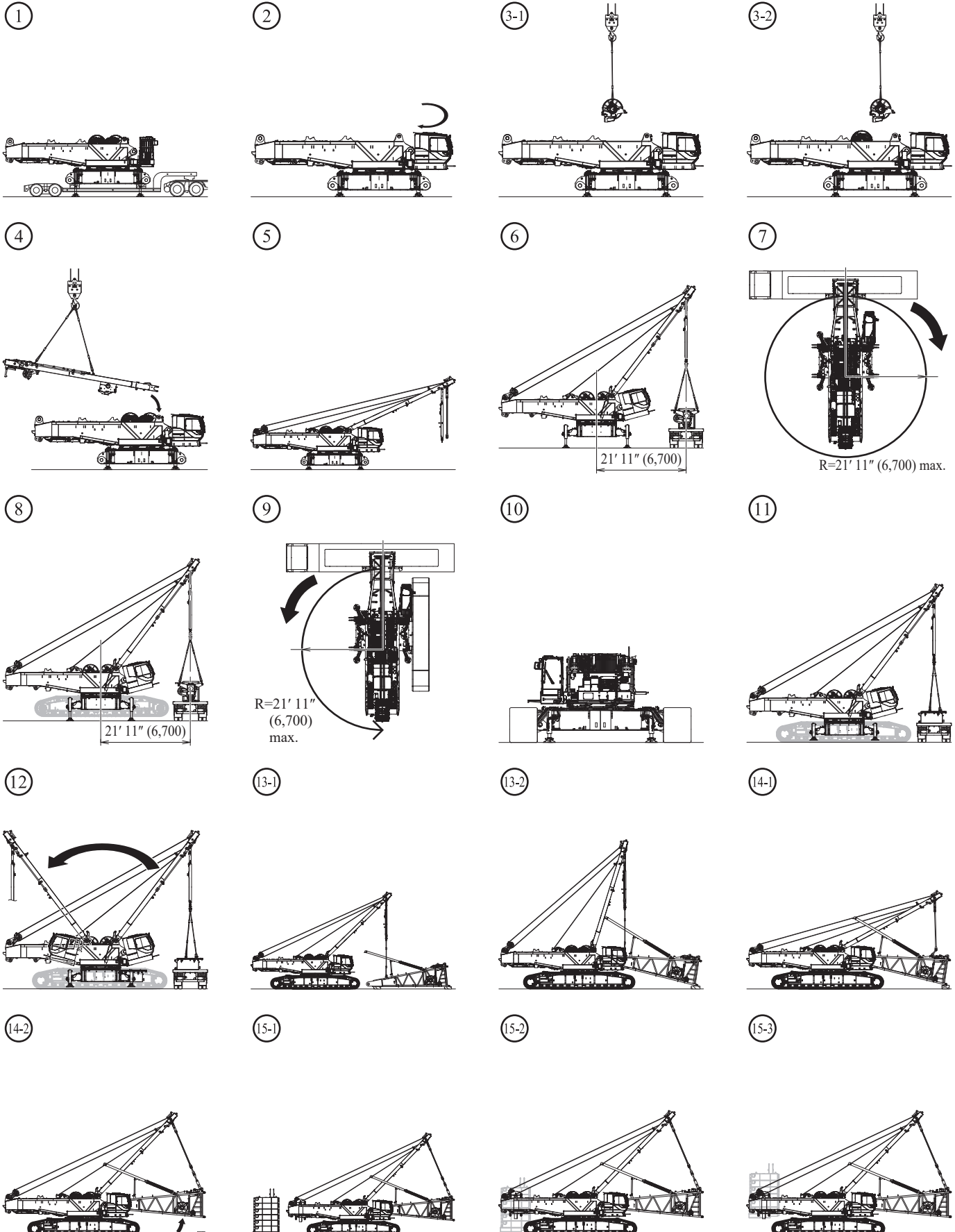
		Drum line speed (ft/min)								
	Layer	1	2	3	4	5	6	7	8	9
Line Pull (lbs)	0	93	99	106	113	120	127	134		
	5,000	92	99	106	113	120	127	134		
	10,000	92	99	105	112	119	126	133		
	15,000	91	98	105	111	118	125	131		
	20,000	91	97	104	111	117	124	130		
	25,000	90	97	103	110	116	123	129	NOT applicable	NOT applicable
	30,000	90	96	103	109	115	122	128		
	35,000	89	96	102	108	109	107	105		
	40,000	89	95	95	93					
	45,000	85	83							
	50,000	74								
Storage Capacity (ft)		182	196	210	223	237	251	264		

Wire Rope Specifications

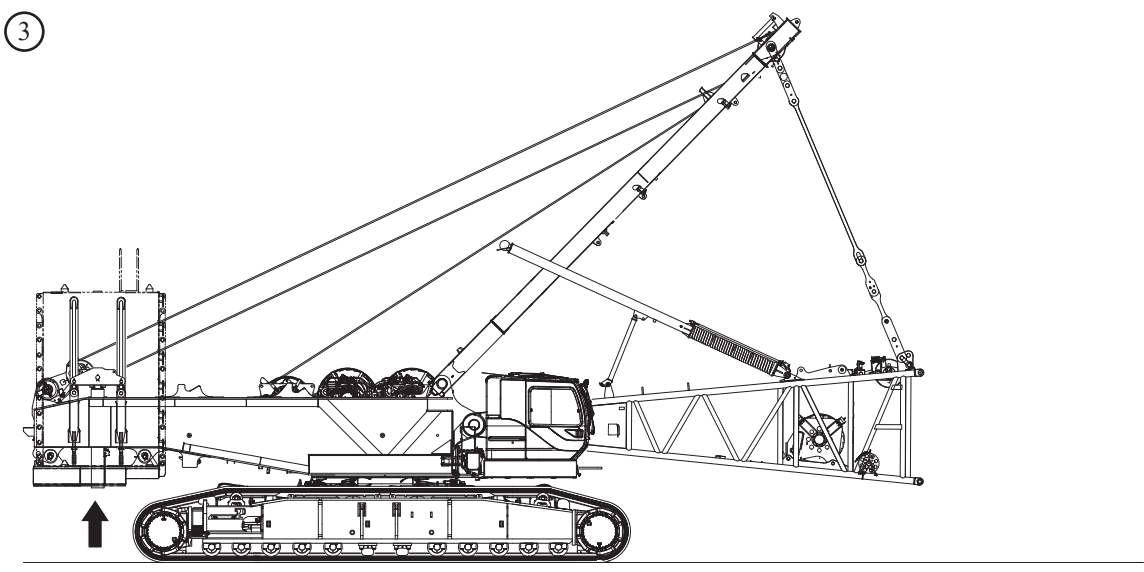
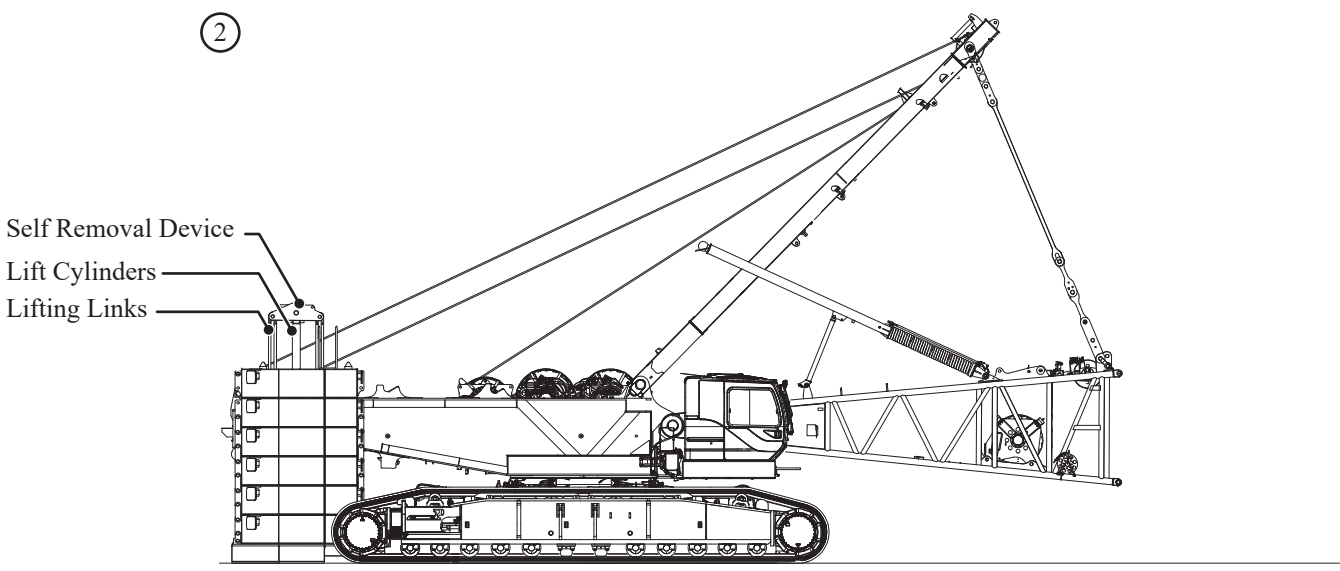
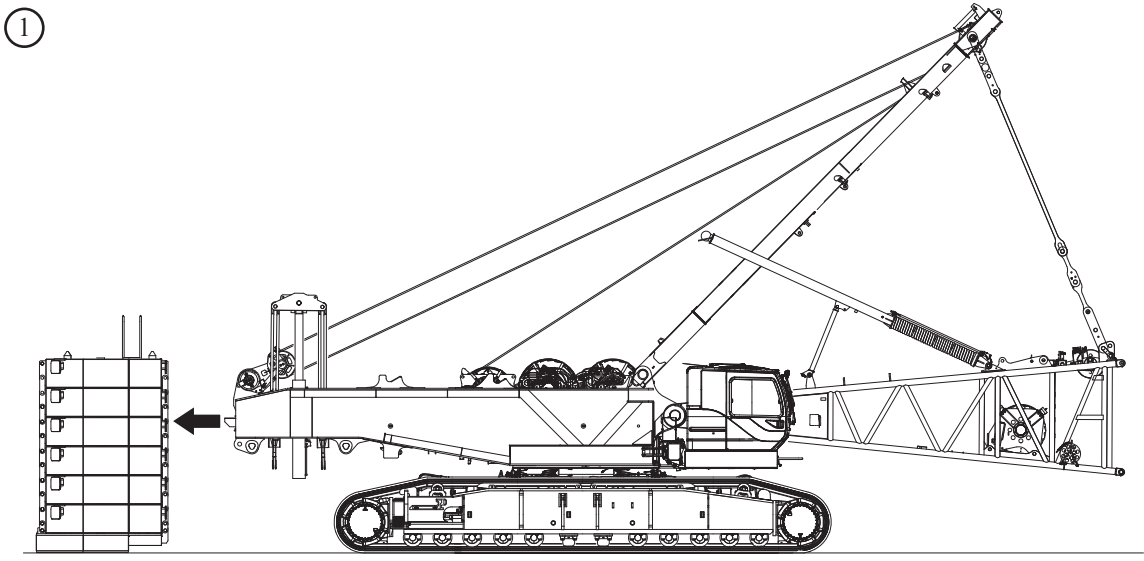
Use	Rope spec.	Rope dia.	Rope length	Safety factor	Breaking strength
Front drum (H1)	Fi(25) + 22 × P·7 + 6 × P·WS(26) Right hand, lang's lay	1,102" to 1,144" (28 mm to 29.06 mm)	1,969 ft (600 m)	5 : 1	176,677 lbf (785.9 kN)
Rear drum (H2)	Fi(25) + 22 × P·7 + 6 × P·WS(26) Right hand, lang's lay	1,102" to 1,144" (28 mm to 29.06 mm)	1,969 ft (600 m)	5 : 1	176,677 lbf (785.9 kN)
Third drum (H3)	Fi(25) + 16 × P·7 + [6 × P·7+6 × PWS(26)] Right hand, lang's lay	1,024" to 1,063" (26 mm to 26.99 mm)	1,115 ft (340 m)	5 : 1	152,420 lbf (678 kN)
Boom drum (W1)	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 (W2)	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)

CK3300G-2 ASSEMBLY PROCEDURE

Dimensions : ft-in (mm)



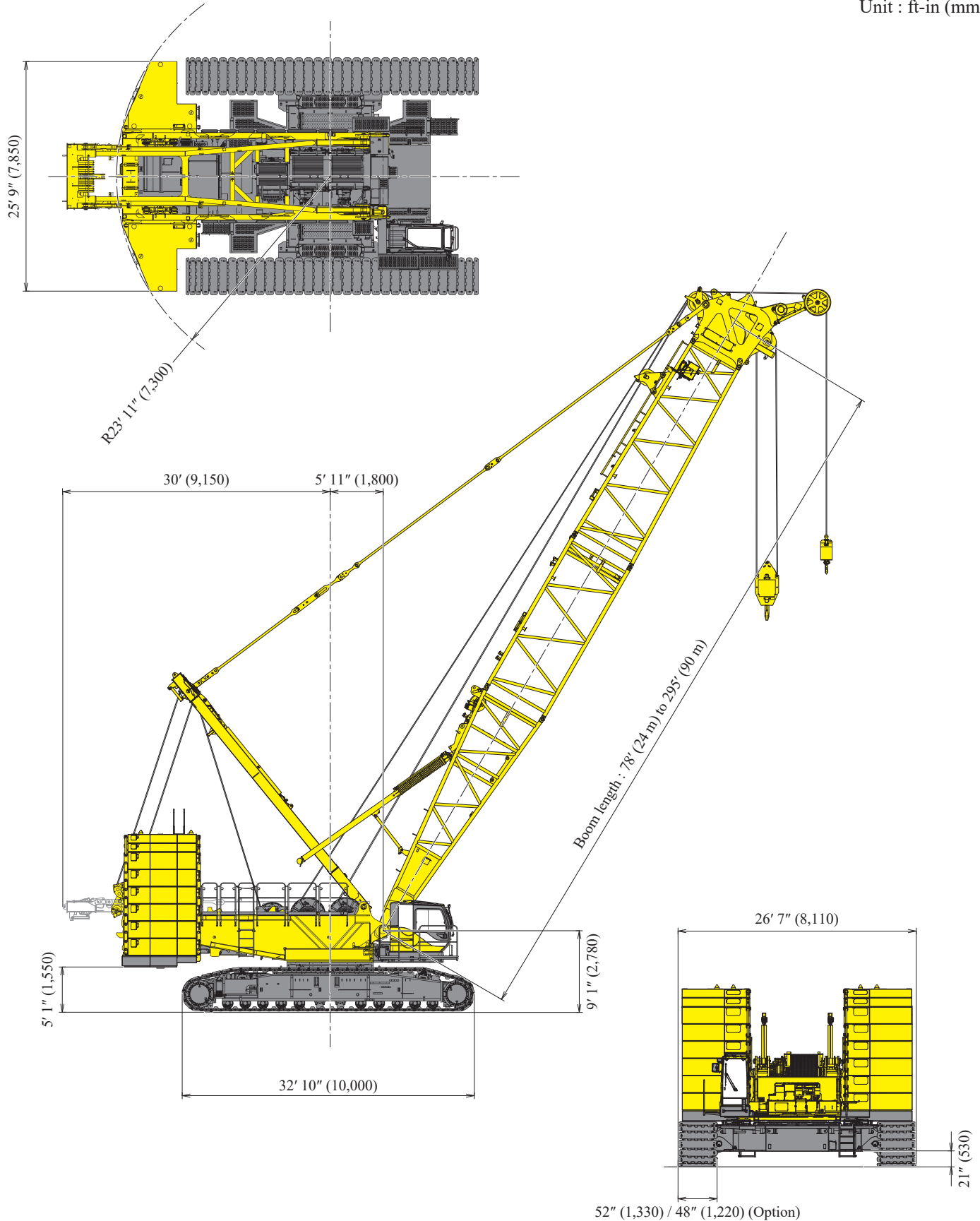
**STANDARD CONFIGURATION
COUNTERWEIGHT SELF REMOVAL DEVICE**



CK3300G-2 CRANE - GENERAL DIMENSIONS

Crane Boom

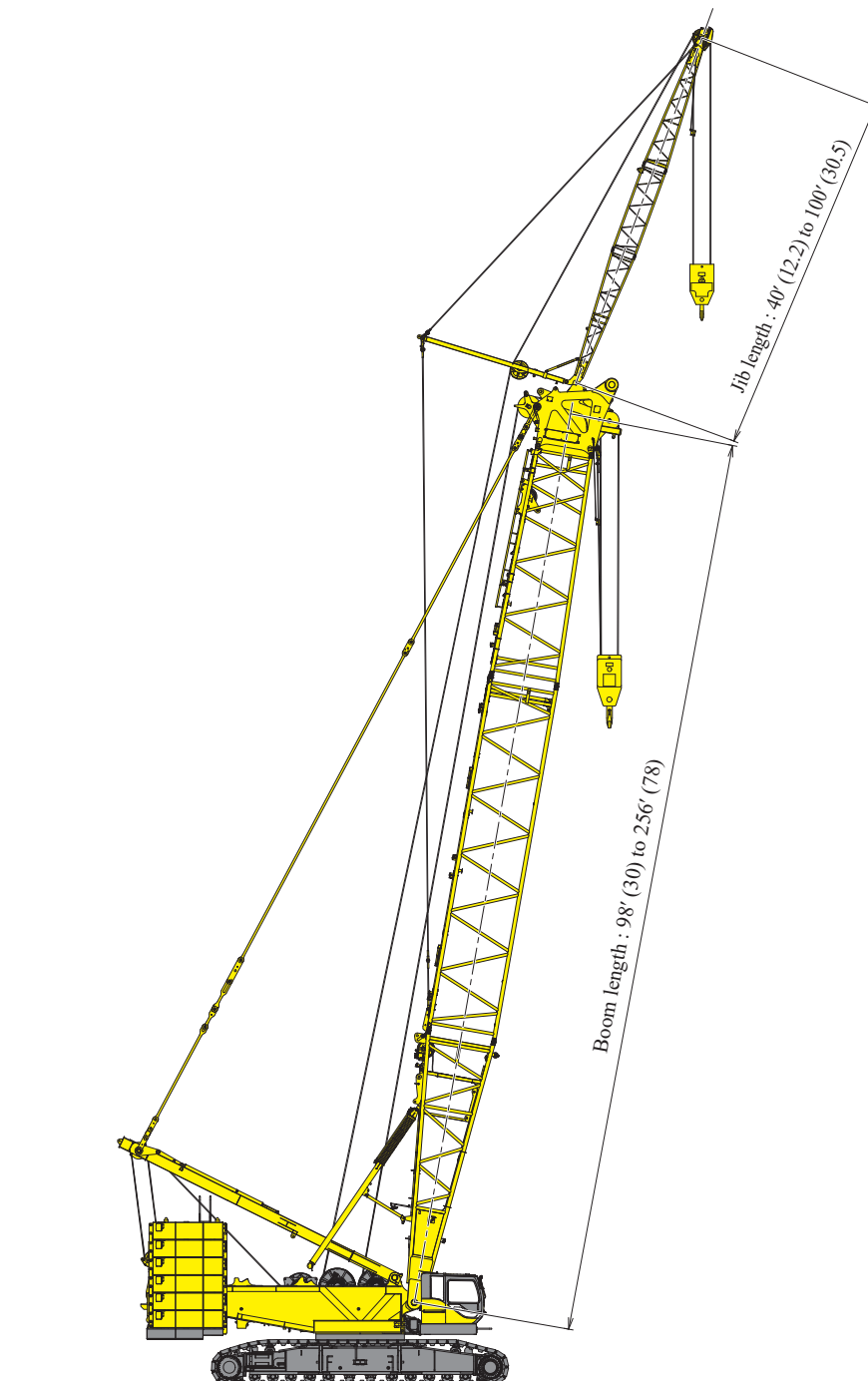
Unit : ft-in (mm)



STANDARD CONFIGURATION CRANE - GENERAL DIMENSIONS

Fixed Jib

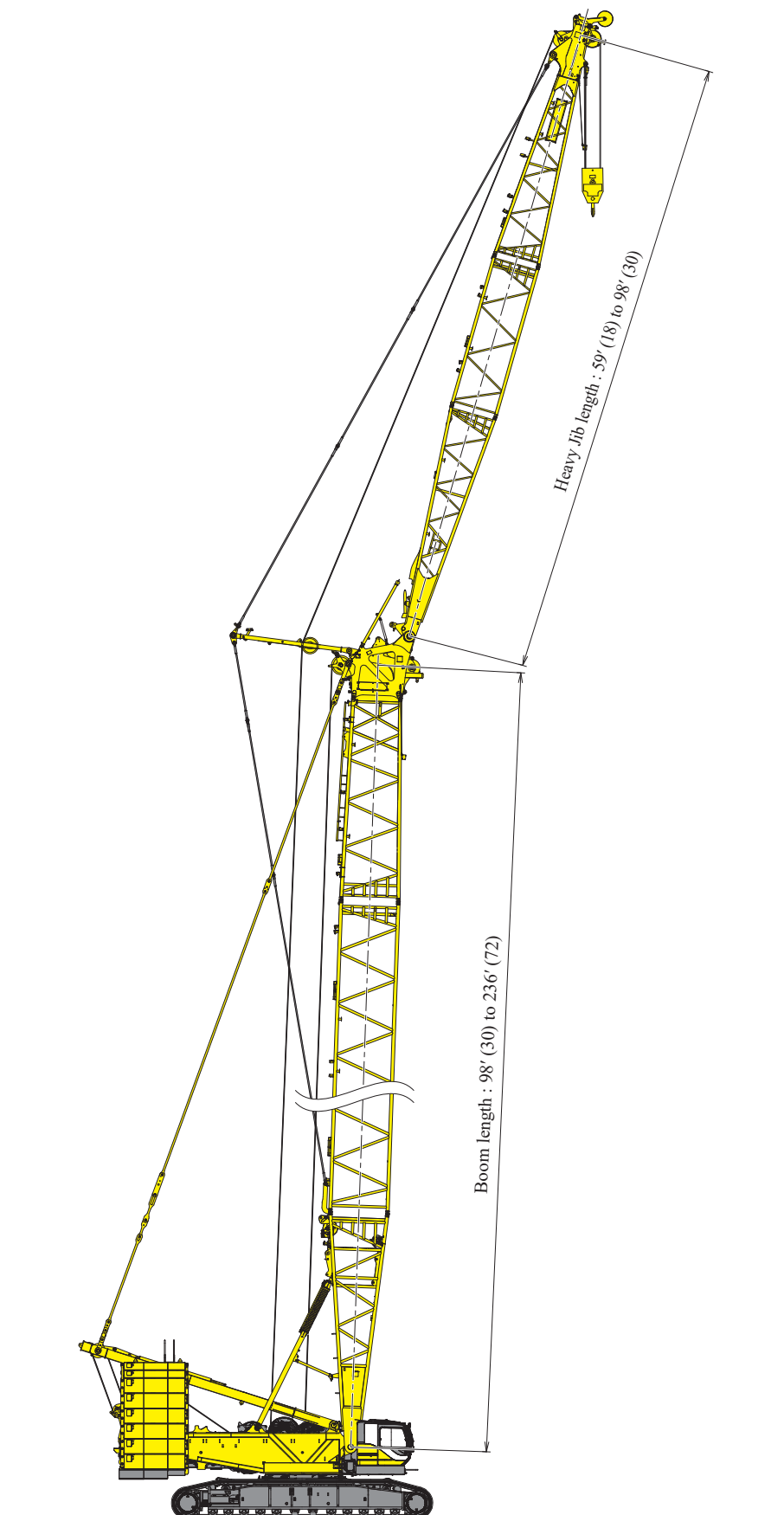
Unit : ft (m)



CK3300G-2 CRANE - GENERAL DIMENSIONS

Heavy Fixed Jib

Unit : ft (m)



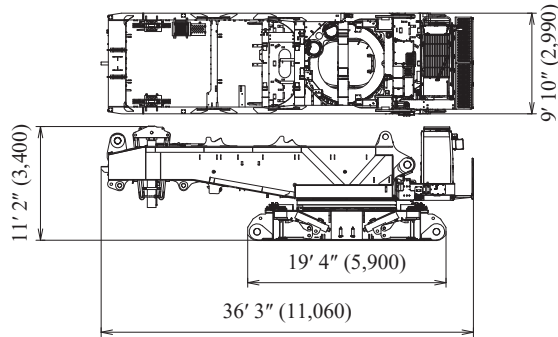
STANDARD CONFIGURATION CRANE - DIMENSIONS & WEIGHT

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

Base Machine

Weight : 91,646 lbs (41,570 kg)※

Crane mast	×
H1 winch	×
H2 winch	×
Translifter (without piping)	○
Counterweight self removal device	○

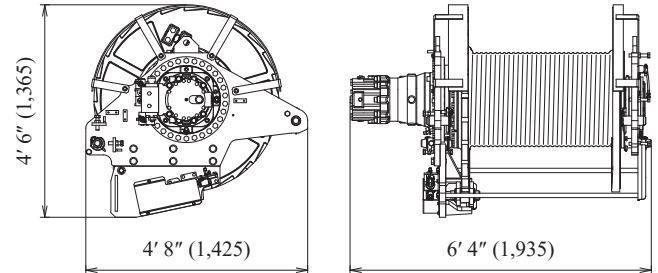


H1, H2 Non-Free Fall Winch (Without Wire Rope)

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

H1, H2 Free Fall Winch (Without Wire Rope)

Weight : 6,285 lbs (2,850 kg)



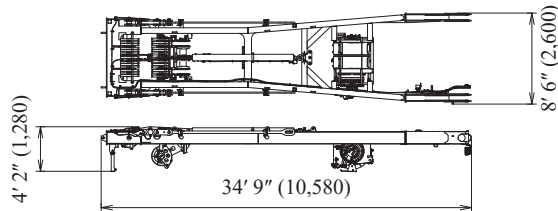
1969' (600 m) Wire Rope (For H1, H2 Winch)

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

Crane Mast

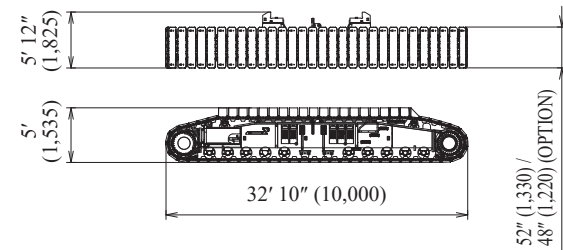
Weight : 22,585 lbs (10,245 kg)

Lower spreader	○
W1 winch	○
Wire rope	○
Guy line	○



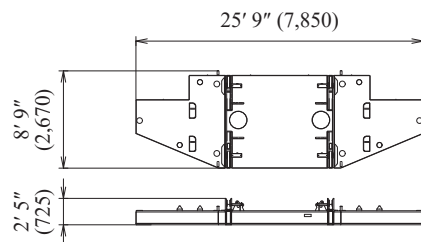
Crawler

Weight : 62,260 lbs (28,240 kg) /
: 64,765 lbs (29,380 kg) (option)



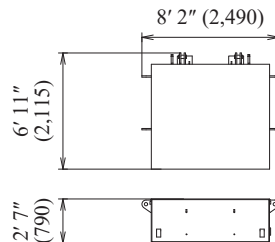
Counterweight Base

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



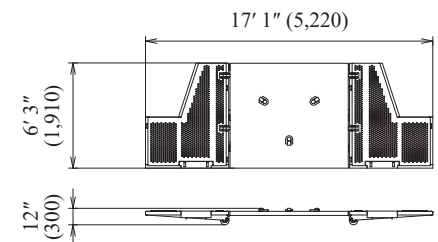
Carbody weight A

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



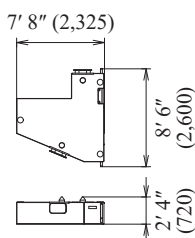
Carbody weight B With Platform

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



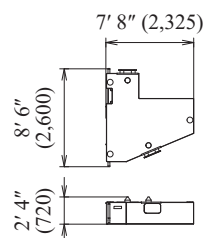
Counterweight A

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



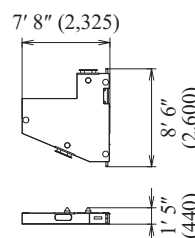
Counterweight B

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



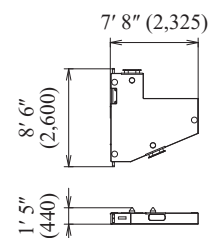
Counterweight C

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



Counterweight D

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



※The weight of the base machine is calculated based on standard specifications.

CK3300G-2

CRANE - DIMENSIONS & WEIGHT

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

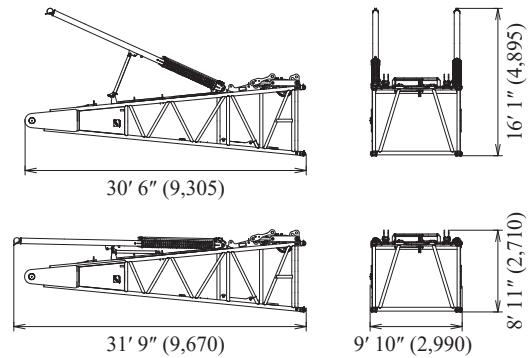
30 ft (9 m) Boom Base

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

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

* Guy lines for luffing strut are not included.

Add 345 lbs (155 kg) to boom if necessary.



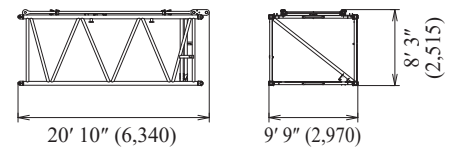
20 ft (6 m) Boom Insert

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.



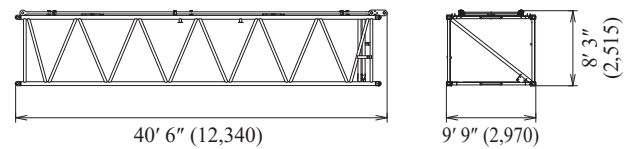
40 ft (12 m) Boom Insert

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.



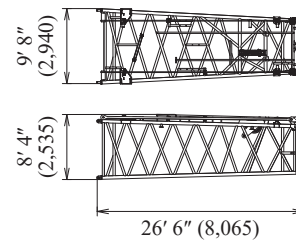
26 ft (7.8 m) Taper Boom Insert

Weight : 7,700 lbs (3,495 kg)

Includes guy lines, walkway and guide sheave.

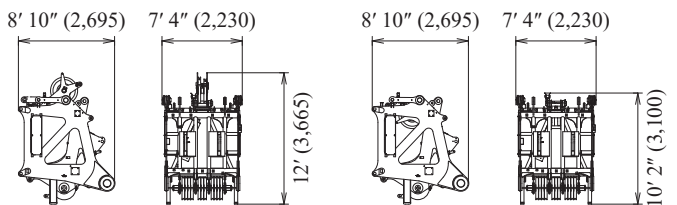
* Guy lines for luffing strut are not included.

Add 300 lbs (140 kg) to boom if necessary.



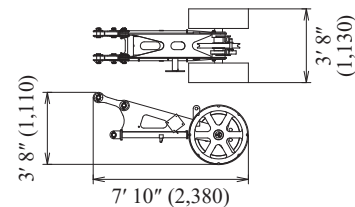
Boom Tip

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



Auxiliary Sheave

Weight : 1,540 lbs (700 kg)



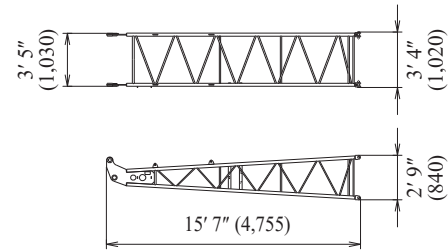
STANDARD CONFIGURATION CRANE - DIMENSIONS & WEIGHT

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

Fixed Jib

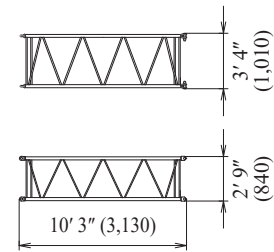
Fixed Jib Base

Weight : 465 lbs (210 kg)



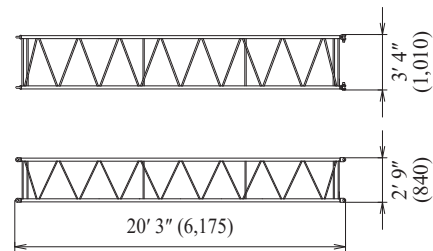
10 ft (3 m) Fixed Jib Insert

Weight : 245 lbs (110 kg)



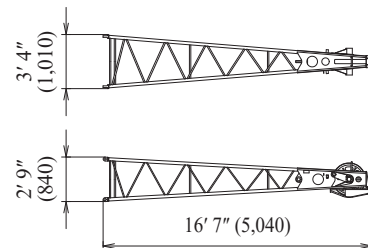
20 ft (6 m) Fixed Jib Insert

Weight : 420 lbs (190 kg)



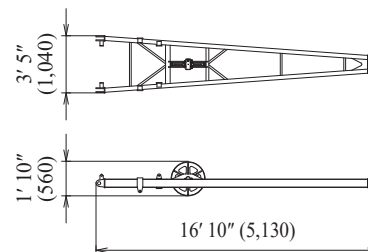
Fixed Jib Tip

Weight : 700 lbs (315 kg)



Fixed Jib Strut

Weight : 660 lbs (300 kg)



CK3300G-2

CRANE - DIMENSIONS & WEIGHT

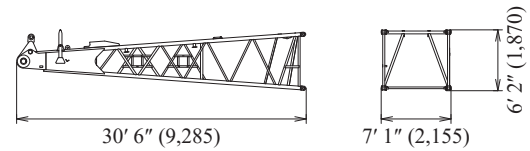
Dimensions : ft-in (mm) Weight : lbs (kg)

Heavy Fixed Jib

Heavy Fixed (Luffing) Jib Base

Weight : 6,100 lbs (2,770 kg)

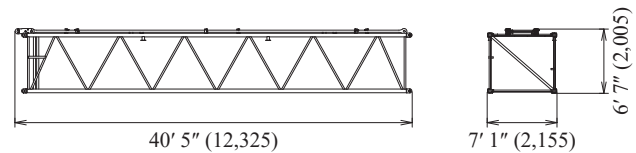
Includes walkway.



40 ft (12 m) Heavy Fixed (Luffing) Jib Insert

Weight : 4,170 lbs (1,890 kg)

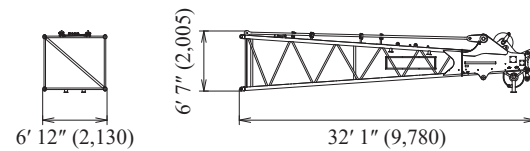
Includes guy lines and walkway.



Heavy Fixed (Luffing) Jib Tip

Weight : 6,615 lbs (3,000 kg)

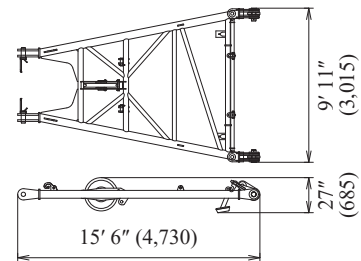
Includes guy lines and walkway.



Heavy Fixed Jib Strut

Weight : 2,205 lbs (1,000 kg)

Guy lines are not included.



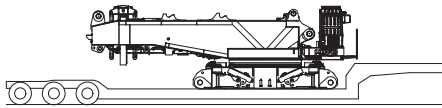
STANDARD CONFIGURATION CRANE - TRANSPORTATION PLAN

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

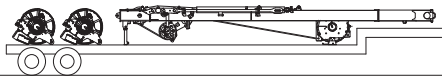
Item	Qty.	Net wt.		Trailer																
		k-lbs	m-ton	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17
Base machine without H1 and H2 hoist winch	1	91.6	41.5	1																
H1 hoist non-free fall winch with 1,969' wire rope	1	10.4	4.7		1															
H2 hoist non-free fall winch with 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)			91.6	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

(*) : including guy lines for crane.

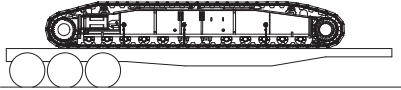
Trailer #1



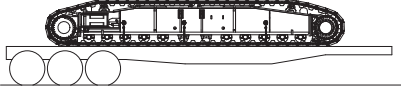
Trailer #2



Trailer #3



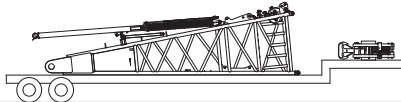
Trailer #4



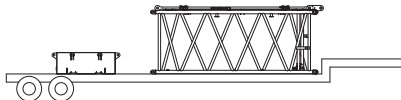
Trailer #5



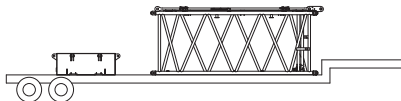
Trailer #6



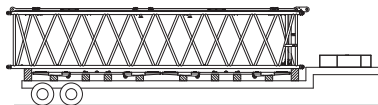
Trailer #7



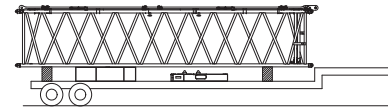
Trailer #8



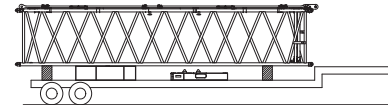
Trailer #9



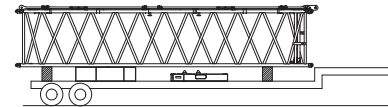
Trailer #10



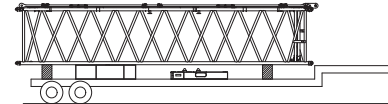
Trailer #11



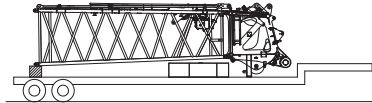
Trailer #12



Trailer #13



Trailer #14



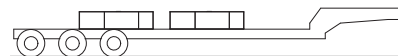
Trailer #15



Trailer #16

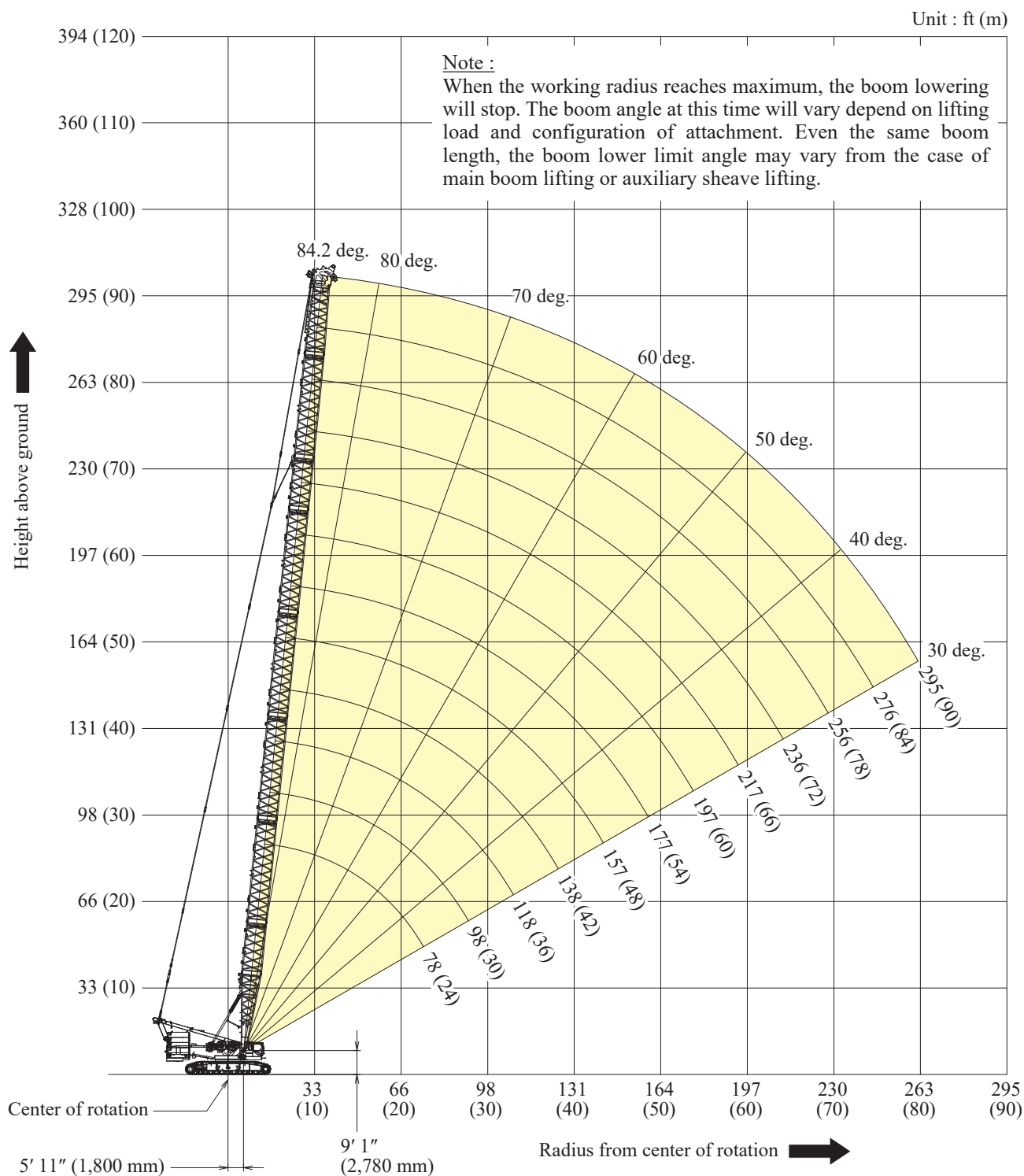


Trailer #17



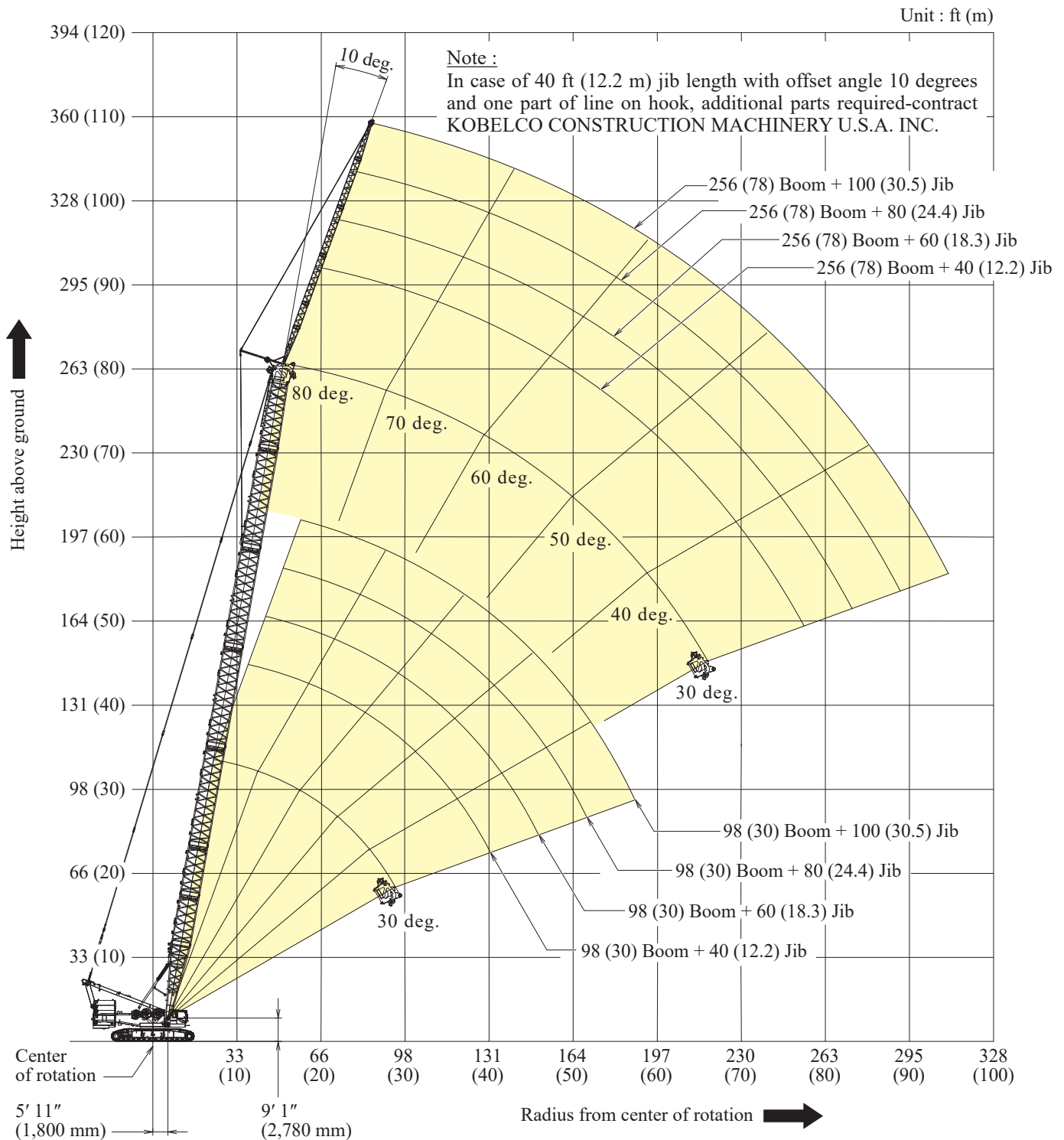
CK3300G-2 CRANE - WORKING RANGES

Main Boom



- Working weight*¹ : 806,876 lbs (365,995 kg)
 - Ground bearing pressure*¹ : Approx. 22.2 psi (153 kPa)
 - 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.

Fixed Jib 10 deg.

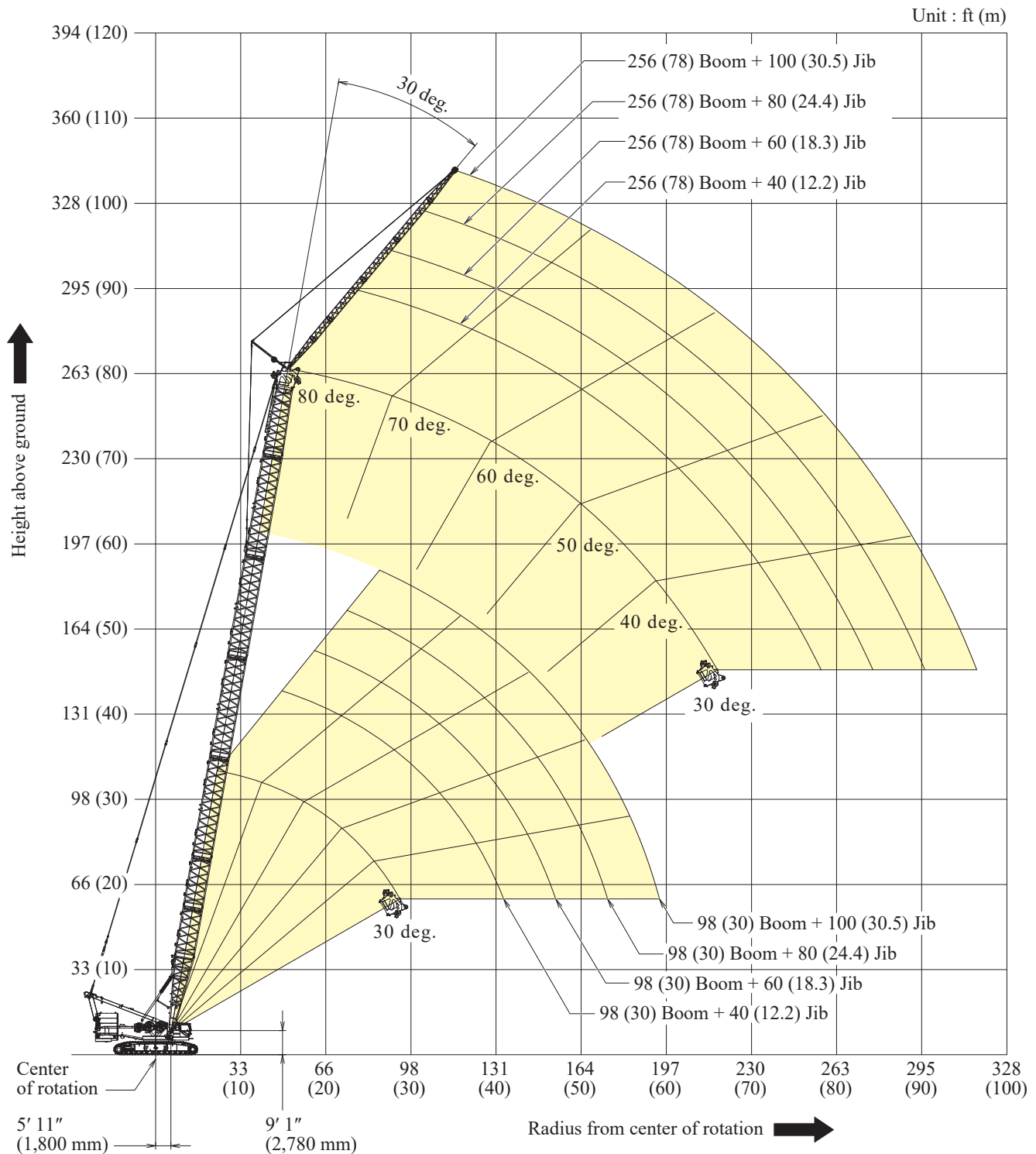


- Working weight*¹ : 757,901 lbs (343,780 kg)
- Ground bearing pressure*¹ : Approx. 20.9 psi (144 kPa)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*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.

CK3300G-2 CRANE - WORKING RANGES

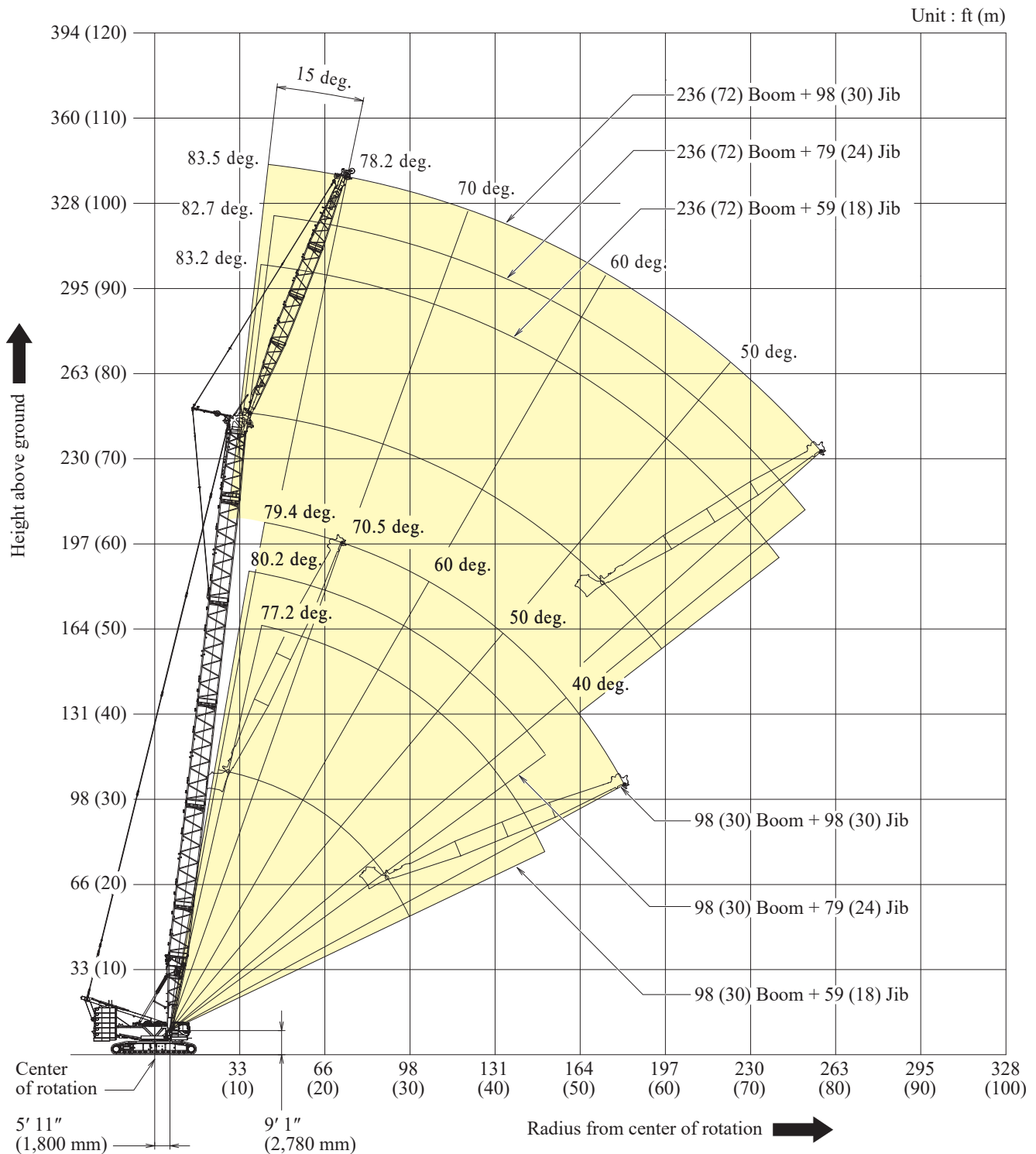
Fixed Jib 30 deg.



- Working weight^{*1} : 757,901 lbs (343,780 kg)
- Ground bearing pressure^{*1} : Approx. 20.9 psi (144 kPa)
- 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.

Heavy Fixed Jib 15 deg.

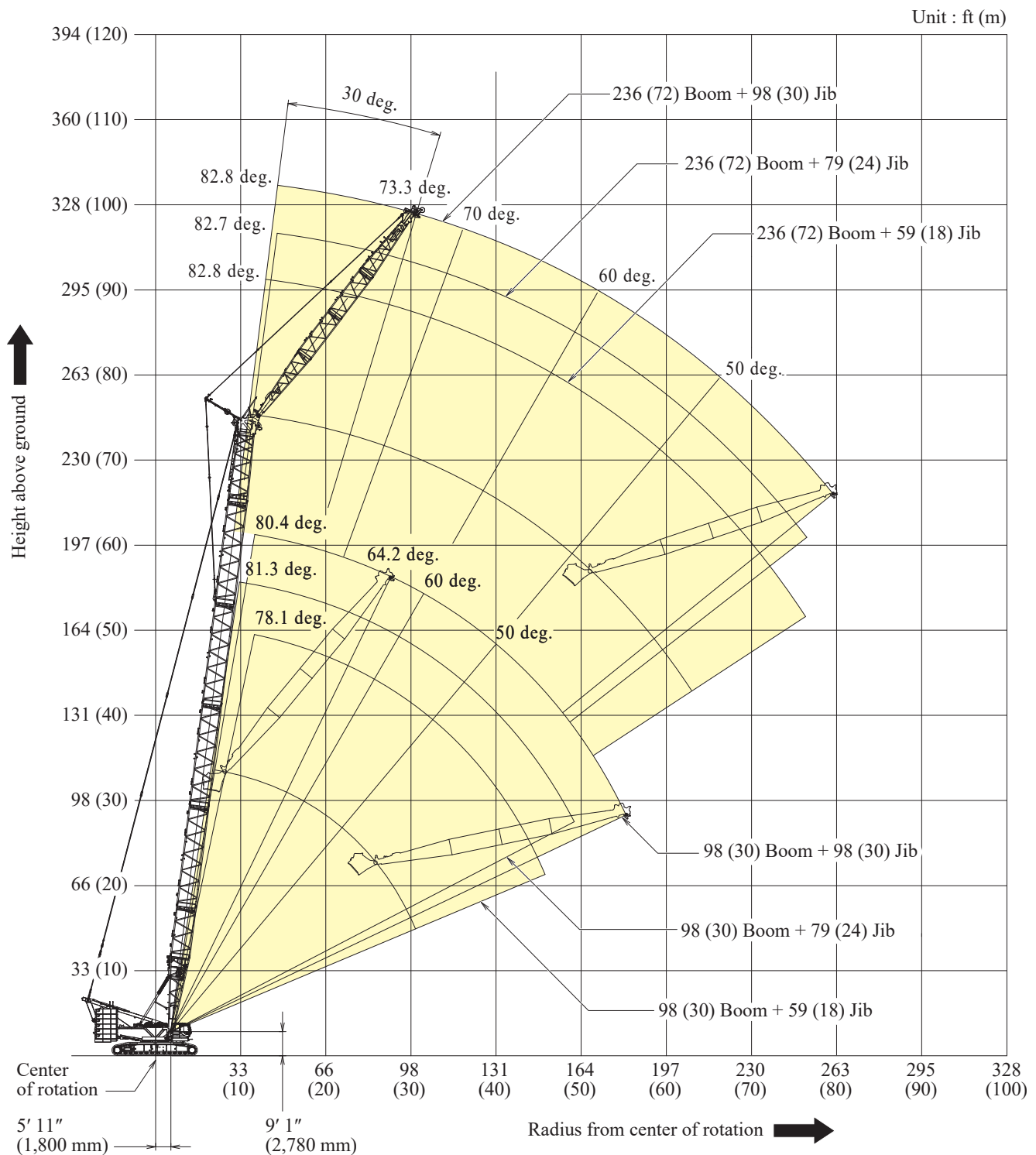


- Working weight*¹ : 825,821 lbs (374,592 kg)
- Ground bearing pressure*¹ : Approx. 22.8 psi (157 kPa)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*¹ : Including base machine, counterweights : 352,700 lbs (160,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 236 ft (72 m) standard boom, 98 ft (30 m) heavy fixed jib and 50 US ton hook block.

CK3300G-2 CRANE - WORKING RANGES

Heavy Fixed Jib 30 deg.



- Working weight*¹ : 825,821 lbs (374,592 kg)
- Ground bearing pressure*¹ : Approx. 22.8 psi (157 kPa)
- 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, 236 ft (72 m) standard boom, 98 ft (30 m) heavy fixed jib and 50 US ton hook block.

STANDARD CONFIGURATION CRANE - BOOM AND JIB ARRANGEMENT

Boom Arrangement

Boom length : ft (m)	Boom arrangement	Aux. Sheave	Counterweight : lbs			
			220,500	264,600	308,600	352,700
78 (24)		○	○	○	○	○
98 (30)	* 	○	×	○	○	○
118 (36)	*	○	×	○	○	○
138 (42)	* 	○	×	○	○	○
157 (48)	*	○	×	○	○	○
177 (54)	* 	○	×	○	○	○
197 (60)	*	○	×	○	○	○
217 (66)	* 	○	×	○	○	○
236 (72)	*	○	×	○	○	○
256 (78)	* 	○	×	○	○	○
276 (84)	*	○	×	○	○	○
295 (90)	*	×	×	×	○	○

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

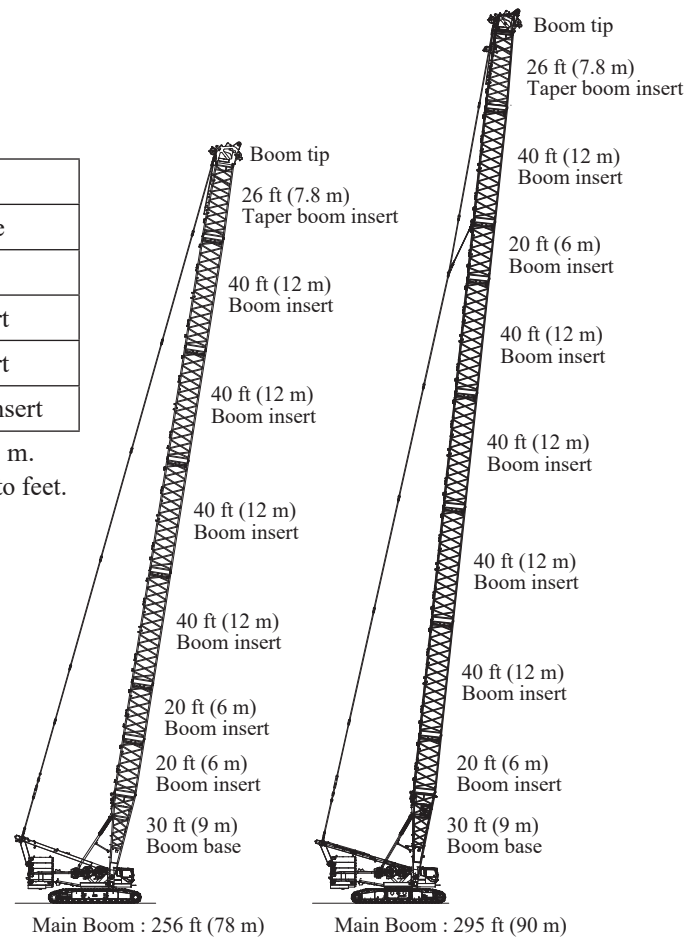
↗ Mark shows the position for center hitch link.

○ : Combinations which is allowed.

× : Combinations which is not allowed.

Symbol	Length	Remarks
	30 ft (9 m)	Boom Base
	4 ft (1.2 m)	Boom Tip
	20 ft (6 m)	Boom Insert
	40 ft (12 m)	Boom Insert
	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.

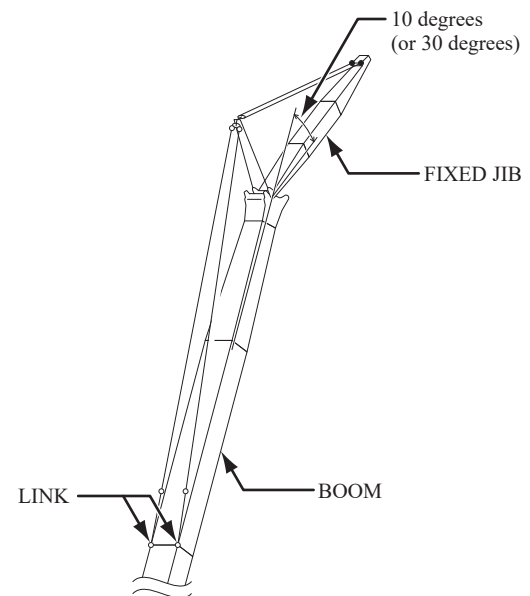


CK3300G-2 CRANE - BOOM AND JIB ARRANGEMENTS

Fixed Jib Arrangement

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

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

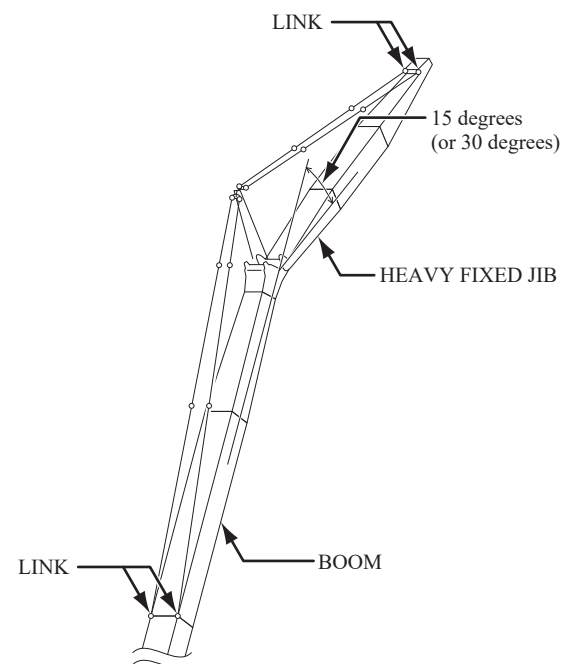


Heavy Fixed Jib Arrangement

Crane Boom length : ft (m)	Heavy jib length : ft (m)	Heavy jib arrangement
98 (30) to 236 (72)	59 (18)	
	79 (24)	
	98 (30)	

Symbol	Length	Remarks
	30 ft (9 m)	Heavy (Luffing) Jib Base
	30 ft (9 m)	Heavy (Luffing) Jib Tip
	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.



Boom and Fixed Jib

- 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).
- 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.
- 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 must be installed according to the instruction.
- Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- 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.
- When main hook installed to the boom point, deduct main hook weight from fixed jib chart.
- When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.
- 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.
- The total load that can be lifted over a jib is limited by rated jib loads.
- Boom lengths that can attach auxiliary sheave are from 78 ft (24 m) to 276 ft (84 m).
- Boom lengths for jib mounting are 98 ft (30 m) to 256 ft (78 m).
- In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.
- 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 blocks for erection must be placed at the end of the crawlers.
- The minimum rated load is as shown below

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

- Least stable position is over the side.

Aux. sheave for luffing boom

Deductions : lbs	1,500
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Fixed jib

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

Boom and Fixed Jib

17. 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

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	-



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

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

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

Counterweight
352,700 lbs

Carbody weight
88,200 lbs

Carbody weight

No.12	No.13
No.10	No.11
No.8	No.9
No.6	No.7
No.4	No.5
No.2	No.3
No.1	

Counterweight
308,600 lbs

Carbody weight
88,200 lbs

Carbody weight

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

Counterweight
264,600 lbs

Carbody weight
88,200 lbs

Carbody weight

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

Counterweight
220,500 lbs

Carbody weight
88,200 lbs

Carbody weight

Heavy Fixed Jib

- 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).
- 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.
- 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.
- Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- 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.
- When main hook installed to the boom point, deduct main hook weight from heavy fixed jib chart.
- When lifting over boom point with jib , rated loads for the boom must be deducted as shown below.

Heavy Fixed jib

Jib length : ft	59	79	98
Deductions : lbs	25,000	28,900	32,200

- The total load that can be lifted over a jib is limited by rated jib loads.

- Boom lengths for jib mounting are 98 ft (30 m) to 236 ft (72 m).
Jib lengths are 59 ft (18 m), 79 ft (24 m) and 98 ft (30 m).
- The boom should be erected over the front of the crawlers, not laterally.
When erecting and lowering the boom length of 217 ft (66 m) or over, the blocks for erection must be placed at the end of the crawlers.
- Least stable position is over the side.
- The minimum rated load is 5,900 lbs (2.7 t).
- 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	33,000	66,100	99,200
Max. Loads : t	15.0	30.0	45.0

- Weight of recommended hook block.

Hook block	386 USt	220 USt	110 USt	50 USt	BALLHOOK
Weight : lbs	14,110	9,040	5,950	4,850	1,985



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.

Heavy Fixed Jib

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

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

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 B30.5-2018.

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

Barge (0 degree thru 3 degree machine list)

- 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).

- 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.

- 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.

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

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

- 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.

- When lifting over boom point with auxiliary sheave, rated loads for the boom must be deducted as shown below.

Auxiliary Sheave

Deductions : lbs	1,500
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- To install the jib is prohibited when the machine on the barge.

- 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.

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

- 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 blocks for erection must be placed at the end of the crawlers.

- Least stable position is over the side.

- 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

Barge (0 degree thru 3 degree machine list)

14. 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



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.

15. 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
Reduced amount : lbs	2,800	3,000	2,600

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

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

CK3300G-2

MAIN BOOM LIFT CHART

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

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.

Refer to notes on 27 to 29.

CK3300G-2 CRANE - LIFTING CHART

Main Boom Lift Capacity

Counterweights : 220,500 lbs (100,000 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)
18.1	84.2	661,300 *	20.1	84.2	596,100 *	22.0	84.2	542,300 *	24.0	84.2	497,000 *	26.0	84.2	458,800 *	27.9	84.2	422,100 *
19.0	83.5	629,100 *	22.0	83.1	544,600 *	24.0	83.2	498,900 *	26.0	83.4	459,200 *	28.0	83.5	423,900 *	28.0	84.2	420,300 *
20.0	82.8	597,700 *	24.0	81.9	499,100 *	26.0	82.2	459,400 *	28.0	82.5	424,700 *	30.0	82.7	390,700 *	30.0	83.5	388,800 *
22.0	81.3	544,900 *	26.0	80.7	459,400 *	28.0	81.2	425,700 *	30.0	81.7	392,300 *	32.0	82.0	363,300 *	32.0	82.9	361,300 *
24.0	79.8	498,900 *	28.0	79.5	426,400 *	30.0	80.2	394,000 *	32.0	80.8	364,700 *	34.0	81.3	337,000 *	34.0	82.2	335,200 *
26.0	78.3	459,400 *	30.0	78.3	395,400 *	32.0	79.2	366,600 *	34.0	80.0	338,300 *	36.0	80.5	311,500 *	36.0	81.5	309,900 *
28.0	76.8	427,300 *	32.0	77.2	368,000 *	34.0	78.2	340,100 *	36.0	79.1	312,700 *	38.0	79.8	286,000 *	38.0	80.9	284,700 *
30.0	75.3	397,100 *	34.0	75.9	341,300 *	36.0	77.2	314,200 *	38.0	78.3	287,100 *	40.0	79.0	263,100 *	40.0	80.2	261,900 *
32.0	73.8	369,700 *	36.0	74.7	315,200 *	38.0	76.2	288,200 *	40.0	77.4	264,200 *	42.0	78.3	245,900 *	42.0	79.6	244,700 *
34.0	72.2	342,900 *	38.0	73.5	289,000 *	40.0	75.2	265,100 *	42.0	76.6	247,000 *	44.0	77.6	228,800 *	44.0	78.9	227,500 *
36.0	70.7	316,500 *	40.0	72.3	265,700 *	42.0	74.2	248,000 *	44.0	75.7	229,900 *	46.0	76.8	211,900 *	46.0	78.2	210,500 *
38.0	69.1	290,100 *	42.0	71.1	248,700 *	44.0	73.2	230,900 *	46.0	74.8	213,000 *	48.0	76.1	200,200 *	48.0	77.6	198,800 *
40.0	67.5	266,600 *	44.0	69.8	231,600 *	46.0	72.2	214,100 *	48.0	74.0	201,300 *	50.0	75.3	188,500 *	50.0	76.9	187,100 *
42.0	65.9	249,600 *	46.0	68.5	214,700 *	48.0	71.1	202,400 *	50.0	73.1	189,600 *	55.0	73.4	163,300 *	55.0	75.2	162,000 *
44.0	64.2	232,500 *	48.0	67.3	203,100 *	50.0	70.1	190,800 *	55.0	70.9	164,500 *	60.0	71.5	143,100 *	60.0	73.5	141,700 *
46.0	62.6	215,600 *	50.0	66.0	191,500 *	55.0	67.4	165,800 *	60.0	68.6	144,400 *	65.0	69.5	127,100 *	65.0	71.8	125,600 *
48.0	60.9	204,000 *	55.0	62.7	166,500 *	60.0	64.7	145,700 *	65.0	66.4	128,500 *	70.0	67.6	114,300 *	70.0	70.1	112,600 *
50.0	59.1	192,500 *	60.0	59.3	146,600 *	65.0	62.0	129,800 *	70.0	64.0	115,400 *	75.0	65.6	103,200 *	75.0	68.4	101,400 *
55.0	54.6	167,600 *	65.0	55.8	130,700 *	70.0	59.1	116,900 *	75.0	61.7	104,400 *	80.0	63.5	93,500 *	80.0	66.6	91,800 *
60.0	49.8	147,800 *	70.0	52.1	117,800 *	75.0	56.2	105,800 *	80.0	59.3	94,900 *	85.0	61.5	85,100 *	85.0	64.8	83,600 *
65.0	44.6	132,000 *	75.0	48.2	106,800 *	80.0	53.1	96,200 *	85.0	56.8	86,600 *	90.0	59.3	78,100 *	90.0	63.0	76,600 *
70.0	38.8	119,100 *	80.0	44.0	97,300 *	85.0	49.9	88,000 *	90.0	54.2	79,700 *	95.0	57.2	72,000 *	95.0	61.1	70,300 *
75.0	32.1	107,900 *	85.0	39.4	89,100 *	90.0	46.6	81,200 *	95.0	51.5	73,400 *	100.0	55.0	66,500 *	100.0	59.2	64,700 *
76.1	30.3	105,600 *	90.0	34.3	82,300 *	95.0	43.0	75,000 *	100.0	48.7	67,800 *	110.0	50.3	57,100 *	110.0	55.3	55,300 *
			93.1	30.8	78,200 *	100.0	39.1	69,400 *	110.0	42.8	58,600 *	120.0	45.3	49,600 *	120.0	51.2	47,600 *
						110.0	30.1	60,300 *	120.0	36.0	51,100 *	130.0	39.7	43,200 *	130.0	46.8	41,400 *
						110.2	30.0	60,100 *	127.2	30.3	46,500 *	140.0	33.4	38,200 *	140.0	42.1	36,300 *
												144.3	30.4	36,100 *	150.0	36.8	31,800 *
															160.0	30.8	28,000 *
															161.4	30.0	27,500 *
197 ft (60 m) Boom			217 ft (66 m) Boom			236 ft (72 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)									
29.9	84.2	388,800 *	31.9	84.2	359,300 *	33.8	84.2	321,400 *									
30.0	84.2	386,900 *	32.0	84.2	357,100 *	34.0	84.1	319,300 *									
32.0	83.6	359,700 *	34.0	83.6	331,900 *	36.0	83.7	299,000 *									
34.0	83.0	333,700 *	36.0	83.1	307,100 *	38.0	83.2	278,600 *									
36.0	82.4	308,600 *	38.0	82.6	282,200 *	40.0	82.7	259,300 *									
38.0	81.8	283,500 *	40.0	82.0	259,700 *	42.0	82.2	242,000 *									
40.0	81.2	260,800 *	42.0	81.5	242,500 *	44.0	81.7	224,700 *									
42.0	80.6	243,600 *	44.0	81.0	225,200 *	46.0	81.2	207,700 *									
44.0	80.0	226,400 *	46.0	80.4	208,100 *	48.0	80.7	195,800 *									
46.0	79.4	209,400 *	48.0	79.9	196,300 *	50.0	80.2	184,000 *									
48.0	78.9	197,700 *	50.0	79.4	184,600 *	55.0	79.0	158,700 *									
50.0	78.3	185,900 *	55.0	78.0	159,300 *	60.0	77.7	138,400 *									
55.0	76.8	160,600 *	60.0	76.6	139,100 *	65.0	76.5	122,300 *									
60.0	75.3	140,400 *	65.0	75.3	123,000 *	70.0	75.2	109,100 *									
65.0	73.7	124,300 *	70.0	73.9	109,900 *	75.0	74.0	97,900 *									
70.0	72.2	111,400 *	75.0	72.5	98,800 *	80.0	72.7	88,200 *									
75.0	70.7	100,200 *	80.0	71.1	89,100 *	85.0	71.4	79,800 *									
80.0	69.1	90,500 *	85.0	69.7	80,700 *	90.0	70.1	72,800 *									
85.0	67.5	82,200 *	90.0	68.3	73,700 *	95.0	68.8	66,500 *									
90.0	65.9	75,300 *	95.0	66.8	67,400 *	100.0	67.5	60,800 *									
95.0	64.3	69,000 *	100.0	65.4	61,600 *	110.0	64.8	51,300 *									
100.0	62.7	63,300 *	110.0	62.4	52,200 *	120.0	62.1	43,700 *									
110.0	59.3	53,800 *	120.0	59.4	44,500 *	130.0	59.3	37,100 *									
120.0	55.8	46,300 *	130.0	56.2	38,200 *	140.0	56.4	31,900 *									
130.0	52.1	39,900 *	140.0	52.9	33,000 *	150.0	53.4	27,300 *									
140.0	48.3	34,800 *	150.0	49.5	28,400 *	160.0	50.2	23,400 *									
150.0	44.2	30,300 *	160.0	45.8	24,500 *	170.0	46.9	20,000 *									
160.0	39.7	26,400 *	170.0	41.9	21,100 *	180.0	43.4	17,000 *									
170.0	34.8	23,100 *	180.0	37.7	18,200 *	190.0	39.7	14,300 *									
178.4	30.2	20,700 *	190.0	33.0	15,700 *	200.0	35.7	12,100 *									
			195.5	30.3	14,500 *	210.0	31.1	10,100 *									
						212.6	29.8	9,700 *									

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Main Boom Lift Capacity

Counterweights : 264,600 lbs (120,000 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)
29.6	75.6	403,800 *	26.3	80.5	454,500 *	22.0	84.2	542,300 *	24.0	84.2	497,000 *	26.0	84.2	458,800 *	27.9	84.2	427,600 *
30.0	75.3	398,000 *	28.0	79.5	427,400 *	24.0	83.2	498,900 *	26.0	83.4	459,200 *	28.0	83.5	427,400 *	28.0	84.2	426,000 *
32.0	73.8	373,400 *	30.0	78.3	398,000 *	26.0	82.2	459,400 *	28.0	82.5	427,400 *	30.0	82.7	398,000 *	30.0	83.5	398,000 *
34.0	72.2	352,500 *	32.0	77.2	373,400 *	28.0	81.2	427,400 *	30.0	81.7	398,000 *	32.0	82.0	373,400 *	32.0	82.9	373,400 *
36.0	70.7	334,000 *	34.0	75.9	352,500 *	30.0	80.2	398,000 *	32.0	80.8	373,400 *	34.0	81.3	352,500 *	34.0	82.2	352,400 *
38.0	69.1	315,500 *	36.0	74.7	334,000 *	32.0	79.2	373,400 *	34.0	80.0	352,500 *	36.0	80.5	334,000 *	36.0	81.5	333,800 *
40.0	67.5	297,300 *	38.0	73.5	315,500 *	34.0	78.2	352,500 *	36.0	79.1	334,000 *	38.0	79.8	315,500 *	38.0	80.9	315,200 *
42.0	65.9	279,400 *	40.0	72.3	297,300 *	36.0	77.2	334,000 *	38.0	78.3	315,500 *	40.0	79.0	296,900 *	40.0	80.2	296,300 *
44.0	64.2	261,600 *	42.0	71.1	279,400 *	38.0	76.2	315,500 *	40.0	77.4	297,000 *	42.0	78.3	277,900 *	42.0	79.6	277,100 *
46.0	62.6	244,000 *	44.0	69.8	261,600 *	40.0	75.2	297,100 *	42.0	76.6	278,300 *	44.0	77.6	258,800 *	44.0	78.9	257,800 *
48.0	60.9	231,100 *	46.0	68.5	244,000 *	42.0	74.2	278,700 *	44.0	75.7	259,600 *	46.0	76.8	240,000 *	46.0	78.2	238,700 *
50.0	59.1	218,200 *	48.0	67.3	231,000 *	44.0	73.2	260,400 *	46.0	74.8	241,100 *	48.0	76.1	227,000 *	48.0	77.6	225,700 *
55.0	54.6	190,300 *	50.0	66.0	217,900 *	46.0	72.2	242,200 *	48.0	74.0	228,100 *	50.0	75.3	214,000 *	50.0	76.9	212,600 *
60.0	49.8	167,900 *	55.0	62.7	190,000 *	48.0	71.1	229,300 *	50.0	73.1	215,100 *	55.0	73.4	185,900 *	55.0	75.2	184,500 *
65.0	44.6	150,300 *	60.0	59.3	167,700 *	50.0	70.1	216,300 *	55.0	70.9	187,000 *	60.0	71.5	163,400 *	60.0	73.5	161,900 *
70.0	38.8	135,900 *	65.0	55.8	149,900 *	55.0	67.4	188,300 *	60.0	68.6	164,600 *	65.0	69.5	145,500 *	65.0	71.8	143,900 *
75.0	32.1	123,300 *	70.0	52.1	135,400 *	60.0	64.7	165,900 *	65.0	66.4	146,800 *	70.0	67.6	131,000 *	70.0	70.1	129,300 *
76.1	30.5	120,800 *	75.0	48.2	123,000 *	65.0	62.0	148,100 *	70.0	64.0	132,200 *	75.0	65.6	118,600 *	75.0	68.4	116,800 *
			80.0	44.0	112,300 *	70.0	59.1	133,700 *	75.0	61.7	119,800 *	80.0	63.5	107,900 *	80.0	66.6	106,100 *
			85.0	39.4	103,000 *	75.0	56.2	121,200 *	80.0	59.3	109,200 *	85.0	61.5	98,600 *	85.0	64.8	96,800 *
			90.0	34.3	95,400 *	80.0	53.1	110,500 *	85.0	56.8	99,900 *	90.0	59.3	90,800 *	90.0	63.0	89,000 *
			93.1	30.8	90,600 *	85.0	49.9	101,500 *	90.0	54.2	92,100 *	95.0	57.2	83,800 *	95.0	61.1	82,000 *
						90.0	46.6	93,700 *	95.0	51.5	85,100 *	100.0	55.0	77,500 *	100.0	59.2	75,800 *
						95.0	43.0	86,700 *	100.0	48.7	78,900 *	110.0	50.3	66,900 *	110.0	55.3	65,200 *
						100.0	39.1	80,500 *	110.0	42.8	68,500 *	120.0	45.3	58,500 *	120.0	51.2	56,800 *
						110.0	30.1	70,300 *	120.0	36.0	60,100 *	130.0	39.7	51,500 *	130.0	46.8	49,700 *
						110.2	30.0	70,100 *	127.2	30.3	54,800 *	140.0	33.4	45,900 *	140.0	42.1	43,900 *
												144.3	30.4	43,600 *	150.0	36.8	38,900 *
															160.0	30.8	34,700 *
															161.4	30.0	34,100 *

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		
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	399,400 *	31.9	84.2	374,700 *	33.8	84.2	321,400 *	35.8	84.2	270,700 *	37.8	84.2	233,000 *
30.0	84.2	397,700 *	32.0	84.2	372,700 *	34.0	84.1	320,500 *	36.0	84.2	270,300 *	38.0	84.2	232,900 *
32.0	83.6	373,300 *	34.0	83.6	352,000 *	36.0	83.7	312,400 *	38.0	83.7	267,500 *	40.0	83.7	232,000 *
34.0	83.0	352,200 *	36.0	83.1	332,700 *	38.0	83.2	304,300 *	40.0	83.3	262,700 *	42.0	83.3	231,000 *
36.0	82.4	333,200 *	38.0	82.6	313,400 *	40.0	82.7	292,700 *	42.0	82.8	253,400 *	44.0	82.9	230,000 *
38.0	81.8	314,300 *	40.0	82.0	294,100 *	42.0	82.2	273,700 *	44.0	82.3	244,100 *	46.0	82.5	228,600 *
40.0	81.2	295,200 *	42.0	81.5	274,900 *	44.0	81.7	254,700 *	46.0	81.9	234,700 *	48.0	82.1	217,000 *
42.0	80.6	276,000 *	44.0	81.0	255,600 *	46.0	81.2	235,800 *	48.0	81.4	221,600 *	50.0	81.6	205,400 *
44.0	80.0	256,700 *	46.0	80.4	236,500 *	48.0	80.7	222,700 *	50.0	81.0	208,400 *	55.0	80.6	178,900 *
46.0	79.4	237,600 *	48.0	79.9	223,400 *	50.0	80.2	209,600 *	55.0	79.8	180,000 *	60.0	79.5	156,100 *
48.0	78.9	224,500 *	50.0	79.4	210,300 *	55.0	79.0	181,300 *	60.0	78.7	157,200 *	65.0	78.5	138,000 *
50.0	78.3	211,400 *	55.0	78.0	182,000 *	60.0	77.7	158,600 *	65.0	77.6	139,100 *	70.0	77.4	123,200 *
55.0	76.8	183,200 *	60.0	76.6	159,300 *	65.0	76.5	140,600 *	70.0	76.4	124,500 *	75.0	76.3	110,600 *
60.0	75.3	160,600 *	65.0	75.3	141,300 *	70.0	75.2	126,000 *	75.0	75.2	111,900 *	80.0	75.3	99,700 *
65.0	73.7	142,600 *	70.0	73.9	126,700 *	75.0	74.0	113,400 *	80.0	74.1	101,000 *	85.0	74.2	90,200 *
70.0	72.2	128,200 *	75.0	72.5	114,200 *	80.0	72.7	102,500 *	85.0	72.9	91,600 *	90.0	73.1	82,300 *
75.0	70.7	115,600 *	80.0	71.1	103,400 *	85.0	71.4	93,100 *	90.0	71.7	83,700 *	95.0	72.0	75,200 *
80.0	69.1	104,800 *	85.0	69.7	94,000 *	90.0	70.1	85,300 *	95.0	70.5	76,600 *	100.0	70.9	68,900 *
85.0	67.5	95,500 *	90.0	68.3	86,200 *	95.0	68.8	78,200 *	100.0	69.3	70,200 *	110.0	68.7	58,200 *
90.0	65.9	87,700 *	95.0	66.8	79,100 *	100.0	67.5	71,800 *	110.0	66.9	59,700 *	120.0	66.4	49,400 *
95.0	64.3	80,700 *	100.0	65.4	72,700 *	110.0	64.8	61,300 *	120.0	64.4	51,000 *	130.0	64.1	42,200 *
100.0	62.7	74,400 *	110.0	62.4	62,100 *	120.0	62.1	52,600 *	130.0	61.9	43,800 *	140.0	61.8	36,200 *
110.0	59.3	63,800 *	120.0	59.4	53,600 *	130.0	59.3	45,500 *	140.0	59.3	37,800 *	150.0	59.4	31,000 *
120.0	55.8	55,200 *	130.0	56.2	46,400 *	140.0	56.4	39,500 *	150.0	56.7	32,600 *	160.0	56.9	26,500 *
130.0	52.1	48,200 *	140.0	52.9	40,600 *	150.0	53.4	34,300 *	160.0	53.9	28,100 *	170.0	54.4	22,500 *
140.0	48.3	42,300 *	150.0	49.5	35,500 *	160.0	50.2	29,800 *	170.0	51.0	24,200 *	180.0	51.7	19,200 *
150.0	44.2	37,300 *	160.0	45.8	31,200 *	170.0	46.9	26,000 *	180.0	48.1	21,000 *	190.0	49.0	16,200 *
160.0	39.7	33,000 *	170.0	41.9	27,300 *	180.0	43.4	22,700 *	190.0	44.9	18,000 *	200.0	46.1	13,500 *
170.0	34.8	29,300 *	180.0	37.7	24,100 *	190.0	39.7	19,900 *	200.0	41.6	15,300 *	209.9	43.3	11,000 *
178.4	30.2	26,600 *	190.0	33.0	21,200 *	200.0	35.7	17,300 *	210.0	38.0	13,000 *			
			195.5	30.3	19,800 *	210.0	31.1	14,900 *	220.0	34.2	10,900 *			
						212.5	30.0	14,500 *	223.1	32.9	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 27 to 29.

CK3300G-2 CRANE - LIFTING CHART

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Main Boom Lift Capacity

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

[illegible]

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 27 to 29.

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 220,500 lbs (100,000 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	33.9	19,600 *	150.0	40.9	15,400 *	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	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 220,500 lbs (100,000 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 *				60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *									
55.0	75.8	54,900 *				65.0	75.4	42,700 *				70.0	75.9	24,800 *				75.0	76.1	13,800 *									
60.0	74.2	53,500 *				70.0	73.9	41,400 *				75.0	74.6	24,100 *				80.0	74.8	13,400 *									
65.0	72.6	52,100 *				75.0	72.4	40,300 *				80.0	73.3	23,500 *				85.0	73.5	13,000 *									
70.0	70.9	50,800 *				80.0	70.9	39,100 *				85.0	71.8	23,000 *				90.0	72.3	12,600 *									
75.0	69.2	49,600 *				85.0	69.3	38,100 *				90.0	70.5	22,500 *				95.0	71.0	12,100 *									
80.0	67.4	48,600 *				90.0	67.7	37,200 *				95.0	69.0	21,900 *				100.0	69.7	11,700 *									
85.0	65.7	47,600 *				95.0	66.1	36,300 *				100.0	67.6	21,300 *				110.0	67.2	11,100 *									
90.0	63.9	46,300 *				100.0	64.5	35,500 *				110.0	64.7	20,300 *				120.0	64.4	10,600 *									
95.0	62.1	45,000 *				110.0	61.3	33,500 *				120.0	61.8	19,200 *				130.0	61.7	10,100 *									
100.0	60.3	43,900 *				120.0	57.9	31,000 *				130.0	58.6	18,400 *				140.0	58.9	9,600 *									
110.0	56.5	41,800 *				130.0	54.4	28,800 *				140.0	55.4	17,700 *				150.0	56.0	9,200 *									
120.0	52.5	39,600 *				140.0	50.6	26,800 *				150.0	52.2	17,000 *				160.0	52.9	8,700 *									
130.0	48.3	37,300 *				150.0	46.6	25,300 *				160.0	48.6	16,300 *				170.0	49.7	8,300 *									
140.0	43.8	34,200 *				160.0	42.4	24,000 *				170.0	44.9	15,800 *				180.0	46.5	8,200 *									
150.0	38.8	31,300 *				170.0	37.7	22,600 *				180.0	40.8	15,300 *				190.0	42.9	7,900 *									
160.0	33.2	28,300 *				180.0	32.4	21,500 *				190.0	36.4	15,000 *				200.0	39.0	7,700 *									
165.9	30.0	26,600 *				184.1	30.0	21,100 *				200.0	31.3	14,500 *				210.0	34.8	7,400 *									
												203.4	30.0	14,500 *				220.0	30.0	6,800 *									
																		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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *			
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.3	23,700 *				90.0	73.7	12,900 *			
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *			
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *			
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *			
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *			
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *			
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *			
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *			
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *			
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *			
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *			
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *			
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *			
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *			
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *			
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *			
												220.4	30.0	14,300 *				238.1	30.0	6,800 *			
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 220,500 lbs (100,000 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 *				243.2	30.0	13,400 *	240.0	31.2	13,200 *	250.0	31.8	6,500 *						
												237.5	30.0	13,400 *				243.2	30.0	13,200 *	255.1	30.0	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	16,500 *	200.0	46.6	17,600 *	220.0	42.3	14,700 *	220.0	46.2	13,400 *	230.0	43.9	7,900 *	230.0	47.7	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 *			

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 220,500 lbs (100,000 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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *									
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *									
75.0	75.7	54,400 *				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 *				85.0	75.3	42,400 *	85.0	79.0	29,700 *	90.0	75.8	24,500 *			17,800 *	95.0	75.9	13,400 *									
85.0	73.3	52,600 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *	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 *				80.0	77.3	43,900 *				85.0	77.6	25,300 *				90.0	77.6	14,000 *			
75.0	76.7	55,300 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				230.0	43.2	10,700 *	230.0	45.7	12,000 *	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 *				240.0	40.2	8,900 *	240.0	42.6	10,000 *	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	8,700 *				250.0	37.0	7,100 *	250.0	39.3	8,000 *	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	6,900 *							260.0	35.6	6,300 *	269.0	36.5	6,500 *	270.0	39.1	7,000 *						

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 264,600 lbs (120,000 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	33.9	19,600 *	150.0	40.9	15,400 *	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	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 264,600 lbs (120,000 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 *				60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *									
55.0	75.8	54,900 *				65.0	75.4	42,700 *				70.0	75.9	24,800 *				75.0	76.1	13,800 *									
60.0	74.2	53,500 *				70.0	73.9	41,400 *				75.0	74.6	24,100 *				80.0	74.8	13,400 *									
65.0	72.6	52,100 *				75.0	72.4	40,300 *				80.0	73.3	23,500 *				85.0	73.5	13,000 *									
70.0	70.9	50,800 *				80.0	70.9	39,100 *				85.0	71.8	23,000 *				90.0	72.3	12,600 *									
75.0	69.2	49,600 *				85.0	69.3	38,100 *				90.0	70.5	22,500 *				95.0	71.0	12,100 *									
80.0	67.4	48,600 *				90.0	67.7	37,200 *				95.0	69.0	21,900 *				100.0	69.7	11,700 *									
85.0	65.7	47,600 *				95.0	66.1	36,300 *				100.0	67.6	21,300 *				110.0	67.2	11,100 *									
90.0	63.9	46,300 *				100.0	64.5	35,500 *				110.0	64.7	20,300 *				120.0	64.4	10,600 *									
95.0	62.1	45,000 *				110.0	61.3	33,500 *				120.0	61.8	19,200 *				130.0	61.7	10,100 *									
100.0	60.3	43,900 *				120.0	57.9	31,000 *				130.0	58.6	18,400 *				140.0	58.9	9,600 *									
110.0	56.5	41,800 *				130.0	54.4	28,800 *				140.0	55.4	17,700 *				150.0	56.0	9,200 *									
120.0	52.5	39,600 *				140.0	50.6	26,800 *				150.0	52.2	17,000 *				160.0	52.9	8,700 *									
130.0	48.3	37,300 *				150.0	46.6	25,300 *				160.0	48.6	16,300 *				170.0	49.7	8,300 *									
140.0	43.8	34,200 *				160.0	42.4	24,000 *				170.0	44.9	15,800 *				180.0	46.5	8,200 *									
150.0	38.8	31,300 *				170.0	37.7	22,600 *				180.0	40.8	15,300 *				190.0	42.9	7,900 *									
160.0	33.2	28,300 *				180.0	32.4	21,500 *				190.0	36.4	15,000 *				200.0	39.0	7,700 *									
165.9	30.0	26,600 *				184.1	30.0	21,100 *				200.0	31.3	14,500 *				210.0	34.8	7,400 *									
												203.4	30.0	14,500 *				220.0	30.0	6,800 *									
																		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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *									
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *									
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *									
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *									
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.3	23,700 *				90.0	73.7	12,900 *									
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *									
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *									
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *									
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *									
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *									
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *									
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *									
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *									
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *									
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *									
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *									
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *									
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *									
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *									
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *									
												220.4	30.0	14,300 *				238.1	30.0	6,800 *									
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1							

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 264,600 lbs (120,000 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 *				243.2	30.0	13,400 *	240.0	31.2	13,200 *	250.0	31.8	7,200 *						
												237.5	30.0	13,400 *			13,200 *	255.1	30.0	7,000 *	260.0	31.1	6,500 *						
																				263.0	30.0	6,200 *							
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	16,500 *	200.0	46.6	17,600 *	220.0	42.3	14,700 *	220.0	46.2	13,400 *	230.0	43.9	7,900 *	230.0	47.7	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.														

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 264,600 lbs (120,000 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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *									
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *									
75.0	75.7	54,400 *				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 *				85.0	75.3	42,400 *	85.0	79.0	29,700 *	90.0	75.8	24,500 *			17,800 *	95.0	75.9	13,400 *									
85.0	73.3	52,600 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *	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 *				80.0	77.3	43,900 *				85.0	77.6	25,300 *				90.0	77.6	14,000 *			
75.0	76.7	55,300 *				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 *				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 *				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 *				100.0	73.3	40,500 *	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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				260.0	33.5	7,300 *	260.0	35.6	8,100 *	269.0	36.5	6,500 *	270.0	3							

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 264,600 lbs (120,000 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)	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				80.0	78.1	36,300 *				85.0	78.3	20,300 *				90.0	78.3	11,900 *									
75.0	77.6	49,000				85.0	77.2	35,900 *				90.0	77.5	20,100 *				95.0	77.4	11,700 *									
80.0	76.6	47,900				90.0	76.3	35,500 *				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						6,100					280.0	45.9	6,400					
											270.0											290.0	43.3	6,200					
																						300.0	40.4	6,000					
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1							

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 286,600 lbs (130,000 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	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

CK3300G-2 CRANE - LIFTING CHART

**Fixed Jib Lift Capacity
(without main hook weight deduct)**

Counterweights : 286,600 lbs (130,000 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 *	203.4	30.0	14,500 *	208.3	35.4	13,400 *	210.0	34.8	7,400 *						
																		220.0	30.0	6,800 *	220.0	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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *			
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.4	23,700 *				90.0	73.7	12,900 *			
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *			
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *			
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *			
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *			
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *			
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *			
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *			
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *			
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *			
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *			
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *			
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *			
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *			
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *			
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *			
												220.4	30.0	14,300 *				238.1	30.0	6,800 *			

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 286,600 lbs (130,000 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 *							250.0	31.8	7,200 *	250.0	36.1	6,500 *
												237.5	30.0	13,400 *				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	12,100 *	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																				

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 286,600 lbs (130,000 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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *			
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *			
75.0	75.7	54,400 *				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 *	2		

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 286,600 lbs (130,000 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						6,100				280.0	45.9	6,400
											270.0	37.7									290.0	43.3	6,200
											280.0	34.1									300.0	40.4	6,000
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

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	33.9	19,600 *	150.0	40.9	15,400 *	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	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

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 *				60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *									
55.0	75.8	54,900 *				65.0	75.4	42,700 *				70.0	75.9	24,800 *				75.0	76.1	13,800 *									
60.0	74.2	53,500 *				70.0	73.9	41,400 *				75.0	74.6	24,100 *				80.0	74.8	13,400 *									
65.0	72.6	52,100 *				75.0	72.4	40,300 *				80.0	73.3	23,500 *				85.0	73.5	13,000 *									
70.0	70.9	50,800 *				80.0	70.9	39,100 *				85.0	71.8	23,000 *				90.0	72.3	12,600 *									
75.0	69.2	49,600 *				85.0	69.3	38,100 *				90.0	70.5	22,500 *				95.0	71.0	12,100 *									
80.0	67.4	48,600 *				90.0	67.7	37,200 *				95.0	69.0	21,900 *				100.0	69.7	11,700 *									
85.0	65.7	47,600 *				95.0	66.1	36,300 *				100.0	67.6	21,300 *				110.0	67.2	11,100 *									
90.0	63.9	46,300 *				100.0	64.5	35,500 *				110.0	64.7	20,300 *				120.0	64.4	10,600 *									
95.0	62.1	45,000 *				110.0	61.3	33,500 *				120.0	61.8	19,200 *				130.0	61.7	10,100 *									
100.0	60.3	43,900 *				120.0	57.9	31,000 *				130.0	58.6	18,400 *				140.0	58.9	9,600 *									
110.0	56.5	41,800 *				130.0	54.4	28,800 *				140.0	55.4	17,700 *				150.0	56.0	9,200 *									
120.0	52.5	39,600 *				140.0	50.6	26,800 *				150.0	52.2	17,000 *				160.0	52.9	8,700 *									
130.0	48.3	37,300 *				150.0	46.6	25,300 *				160.0	48.6	16,300 *				170.0	49.7	8,300 *									
140.0	43.8	34,200 *				160.0	42.4	24,000 *				170.0	44.9	15,800 *				180.0	46.5	8,200 *									
150.0	38.8	31,300 *				170.0	37.7	22,600 *				180.0	40.8	15,300 *				190.0	42.9	7,900 *									
160.0	33.2	28,300 *				180.0	32.4	21,500 *				190.0	36.4	15,000 *				200.0	39.0	7,700 *									
165.9	30.0	26,600 *				184.1	30.0	21,100 *				200.0	31.3	14,500 *				210.0	34.8	7,400 *									
												203.4	30.0	14,500 *				220.0	30.0	6,800 *									
																		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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *			
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.3	23,700 *				90.0	73.7	12,900 *			
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *			
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *			
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *			
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *			
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *			
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *			
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *			
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *			
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *			
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *			
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *			
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *			
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *			
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *			
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *			
												220.4	30.0	14,300 *				238.1	30.0	6,800 *			
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

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 *				243.2	30.0	13,400 *	240.0	31.2	13,200 *	250.0	31.8	6,500 *						
												237.5	30.0	13,400 *			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	16,500 *	200.0	46.6	17,600 *	220.0	42.3	14,700 *	220.0	46.2	13,400 *	230.0	43.9	7,900 *	230.0	47.7	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	7,40</			

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *			
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *			
75.0	75.7	54,400 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				80.0	77.3	43,900 *				85.0	77.6	25,300 *				90.0	77.6	14,000 *			
75.0	76.7	55,300 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *</

Counterweights : 308.600 lbs (140.000 kg) Carbody weights : 88.200 lbs (40.000 kg)

Refer to notes on 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 330,700 lbs (150,000 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 *				65.0	74.5	24,300 *				70.0	74.7	13,500 *			
55.0	71.8	51,800 *				65.0	71.7	40,000 *				70.0	72.8	23,500 *				75.0	73.2	13,000 *			
60.0	69.6	50,100 *				70.0	69.8	38,700 *				75.0	71.1	22,800 *				80.0	71.7	12,500 *			
65.0	67.4	48,700 *	65.0	72.1	38,700 *	75.0	67.8	37,500 *	75.0	74.1	28,900 *	80.0	69.4	22,100 *				85.0	70.1	12,100 *			
70.0	65.1	47,200 *	70.0	69.8	37,100 *	80.0	65.9	36,300 *	80.0	72.1	28,200 *	85.0	67.7	21,500 *	85.0	75.3	17,100 *	90.0	68.6	11,700 *			
75.0	62.9	45,800 *	75.0	67.5	35,600 *	85.0	63.9	35,300 *	85.0	70.0	27,300 *	90.0	65.9	20,800 *	90.0	73.4	16,700 *	95.0	67.0	11,200 *			
80.0	60.5	44,500 *	80.0	65.1	34,300 *	90.0	61.7	34,000 *	90.0	67.8	26,300 *	95.0	64.1	20,100 *	95.0	71.6	16,300 *	100.0	65.4	10,900 *			
85.0	58.1	43,300 *	85.0	62.6	33,100 *	95.0	59.7	32,500 *	95.0	65.7	25,400 *	100.0	62.3	19,500 *	100.0	69.7	16,000 *	110.0	62.2	10,200 *	110.0	70.8	8,600 *
90.0	55.6	42,000 *	90.0	60.0	32,200 *	100.0	57.6	30,900 *	100.0	63.4	24,500 *	110.0	58.5	18,500 *	110.0	65.8	15,300 *	120.0	58.8	9,600 *	120.0	67.3	8,300 *
95.0	53.0	40,600 *	95.0	57.4	31,300 *	110.0	53.0	28,200 *	110.0	58.8	23,000 *	120.0	54.6	17,600 *	120.0	61.6	14,700 *	130.0	55.3	9,100 *	130.0	63.6	7,900 *
100.0	50.4	39,300 *	100.0	54.7	30,400 *	120.0	48.2	26,000 *	120.0	53.7	21,900 *	130.0	50.4	16,800 *	130.0	57.3	14,100 *	140.0	51.6	8,700 *	140.0	59.8	7,700 *
110.0	44.7	36,800 *	110.0	48.8	28,900 *	130.0	42.9	24,200 *	130.0	48.2	20,900 *	140.0	45.8	16,000 *	140.0	52.5	13,800 *	150.0	47.6	8,400 *	150.0	55.6	7,500 *
120.0	38.3	34,300 *	120.0	42.0	27,900 *	140.0	36.9	22,600 *	140.0	41.8	20,100 *	150.0	40.9	15,400 *	150.0	47.3	13,400 *	160.0	43.4	8,000 *	160.0	51.2	7,200 *
130.0	30.8	32,200 *	130.0	33.9	27,300 *	150.0	30.0	21,300 *	150.0	33.9	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 *
131.1	30.0	31,900 *	134.2	30.0	27,300 *				155.1	30.0	19,600 *	169.3	30.0	14,500 *				175.0	33.7	7,300 *	180.0	40.5	6,800 *
																		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 *				55.0	77.1	44,200 *				55.0	79.0	26,400 *				60.0	78.8	14,700 *			
50.0	76.0	55,200 *				60.0	75.4	42,800 *				60.0	77.6	25,700 *				65.0	77.5	14,500 *			
55.0	74.1	53,500 *				65.0	73.8	41,400 *				65.0	76.0	24,900 *				70.0	76.1	13,900 *			
60.0	72.2	52,000 *	60.0	76.5	41,200 *	70.0	72.1	40,100 *	70.0	77.8	29,700 *	70.0	74.6	24,200 *				75.0	74.8	13,400 *			
65.0	70.3	50,500 *	65.0	74.5	40,200 *	75.0	70.4	38,900 *	75.0	76.1	29,300 *	75.0	73.1	23,500 *				80.0	73.4	12,900 *			
70.0	68.4	49,100 *	70.0	72.5	38,800 *	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 *
75.0	66.4	47,800 *	75.0	70.5	37,400 *	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 *
80.0	64.5	46,600 *	80.0	68.5	36,100 *	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 *
85.0	62.5	45,400 *	85.0	66.5	34,800 *	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 *
90.0	60.4	44,200 *	90.0	64.3	33,800 *	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 *
95.0	58.3	43,100 *	95.0	62.2	32,900 *	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 *
100.0	56.2	41,900 *	100.0	60.0	32,000 *	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 *
110.0	51.6	39,700 *	110.0	55.3	30,500 *	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 *
120.0	46.8	37,400 *	120.0	50.3	29,200 *	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 *
130.0	41.5	35,200 *	130.0	44.8	28,300 *	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 *
140.0	35.5	33,300 *	140.0	38.5	27,600 *	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 *
148.1	30.0	31,700 *	150.0	30.9	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 *
			151.1	30.0	27,300 *				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 *	180.0	30.9	13,400 *	200.0	31.6	7,200 *	200.0	37.5	6,500 *
																		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	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 330,700 lbs (150,000 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 *				60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *			
55.0	75.8	54,900 *				65.0	75.4	42,700 *				70.0	75.9	24,800 *				75.0	76.1	13,800 *			
60.0	74.2	53,500 *				70.0	73.9	41,400 *				75.0	74.6	24,100 *				80.0	74.8	13,400 *			
65.0	72.6	52,100 *				75.0	72.4	40,300 *				80.0	73.3	23,500 *				85.0	73.5	13,000 *			
70.0	70.9	50,800 *				80.0	70.9	39,100 *				85.0	71.8	23,000 *				90.0	72.3	12,600 *			
75.0	69.2	49,600 *				85.0	69.3	38,100 *				90.0	70.5	22,500 *				95.0	71.0	12,100 *			
80.0	67.4	48,600 *				90.0	67.7	37,200 *				95.0	69.0	21,900 *				100.0	69.7	11,700 *			
85.0	65.7	47,600 *				95.0	66.1	36,300 *				100.0	67.6	21,300 *				110.0	67.2	11,100 *			
90.0	63.9	46,300 *				100.0	64.5	35,500 *				110.0	64.7	20,300 *				120.0	64.4	10,600 *			
95.0	62.1	45,000 *				110.0	61.3	33,500 *				120.0	61.8	19,200 *				130.0	61.7	10,100 *			
100.0	60.3	43,900 *				120.0	57.9	31,000 *				130.0	58.6	18,400 *				140.0	58.9	9,600 *			
110.0	56.5	41,800 *				130.0	54.4	28,800 *				140.0	55.4	17,700 *				150.0	56.0	9,200 *			
120.0	52.5	39,600 *				140.0	50.6	26,800 *				150.0	52.2	17,000 *				160.0	52.9	8,700 *			
130.0	48.3	37,300 *				150.0	46.6	25,300 *				160.0	48.6	16,300 *				170.0	49.7	8,300 *			
140.0	43.8	34,200 *				160.0	42.4	24,000 *				170.0	44.9	15,800 *				180.0	46.5	8,200 *			
150.0	38.8	31,300 *				170.0	37.7	22,600 *				180.0	40.8	15,300 *				190.0	42.9	7,900 *			
160.0	33.2	28,300 *				180.0	32.4	21,500 *				190.0	36.4	15,000 *				200.0	39.0	7,700 *			
165.9	30.0	26,600 *				184.1	30.0	21,100 *				200.0	31.3	14,500 *				210.0	34.8	7,400 *			
												203.4	30.0	14,500 *				220.0	30.0	6,800 *			
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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *			
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.4	23,700 *				90.0	73.7	12,900 *			
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *			
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *			
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *			
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *			
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *			
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *			
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *			
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *			
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *			
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *			
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *			
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *			
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *			
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *			
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *			
												220.4	30.0	14,300 *				238.1	30.0	6,800 *			
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 330,700 lbs (150,000 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 *				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																					

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 330,700 lbs (150,000 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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *			
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *			
75.0	75.7	54,400 *				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 *	2		

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 330,700 lbs (150,000 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						6,100				280.0	45.9	6,400
											270.0	37.7									290.0	43.3	6,200
											280.0	34.1									300.0	40.4	6,000
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

CK3300G-2

CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 352,700 lbs (160,000 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)
55.0	71.8	51,800 *				65.0	71.7	40,000 *				70.0	72.8	23,500 *				70.0	74.7	13,500 *			
60.0	69.6	50,100 *				70.0	69.8	38,700 *				75.0	71.1	22,800 *				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 *	80.0	69.4	22,100 *				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 *	85.0	67.7	21,500 *				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 *	90.0	65.9	20,800 *	90.0	73.4	16,700 *	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 *	95.0	64.1	20,100 *	95.0	71.6	16,300 *	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 *	100.0	62.3	19,500 *	100.0	69.7	16,000 *	100.0	65.4	10,900 *			
90.0	55.6	42,000 *	90.0	60.0	32,200 *	100.0	57.6	30,900 *	100.0	63.4	24,500 *	110.0	58.5	18,500 *	110.0	65.8	15,300 *	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 *	120.0	54.6	17,600 *	120.0	61.6	14,700 *	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 *	130.0	50.4	16,800 *	130.0	57.3	14,100 *	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 *	140.0	45.8	16,000 *	140.0	52.5	13,800 *	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 *	150.0	40.9	15,400 *	150.0	47.3	13,400 *	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		21,300 *	150.0	33.9	19,600 *	160.0	35.3	14,800 *	160.0	41.2	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 *	169.3	30.0	14,500 *	170.0	33.7	13,400 *	170.0	38.7	7,700 *	170.0	46.3	7,200 *
															175.0	30.0	13,400 *	180.0	33.5	7,300 *	180.0	40.5	6,800 *
																		186.9	30.0	6,600 *	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)
50.0	76.0	55,200 *				55.0	77.1	44,200 *				60.0	77.6	25,700 *				65.0	77.5	14,500 *			
55.0	74.1	53,500 *				60.0	75.4	42,800 *				65.0	76.0	24,900 *				70.0	76.1	13,900 *			
60.0	72.2	52,000 *	60.0	76.5	41,200 *	65.0	73.8	41,400 *				70.0	74.6	24,200 *				75.0	74.8	13,400 *			
65.0	70.3	50,500 *	65.0	74.5	40,200 *	70.0	72.1	40,100 *	70.0	77.8	29,700 *	75.0	73.1	23,500 *				80.0	73.4	12,900 *			
70.0	68.4	49,100 *	70.0	72.5	38,800 *	75.0	70.4	38,900 *	75.0	76.1	29,300 *	80.0	71.5	22,900 *				85.0	72.0	12,500 *			
75.0	66.4	47,800 *	75.0	70.5	37,400 *	80.0	68.6	37,800 *	80.0	74.3	28,800 *	85.0	69.9	22,300 *	85.0	76.8	17,400 *	90.0	70.7	12,100 *	90.0	78.7	9,300 *
80.0	64.5	46,600 *	80.0	68.5	36,100 *	85.0	67.0	36,800 *	85.0	72.5	28,300 *	90.0	68.4	21,700 *	90.0	75.2	17,000 *	95.0	69.2	11,600 *	95.0	77.2	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 *	95.0	66.8	21,100 *	95.0	73.6	16,500 *	100.0	67.8	11,300 *	100.0	75.8	9,200 *
90.0	60.4	44,200 *	90.0	64.3	33,800 *	95.0	63.3	35,000 *	95.0	68.8	26,700 *	100.0	65.2	20,600 *	100.0	72.0	16,200 *	110.0	64.9	10,600 *	110.0	72.7	8,800 *
95.0	58.3	43,100 *	95.0	62.2	32,900 *	100.0	61.5	33,800 *	100.0	66.9	25,800 *	110.0	62.0	19,400 *	110.0	68.6	15,700 *	120.0	62.0	10,000 *	120.0	69.7	8,500 *
100.0	56.2	41,900 *	100.0	60.0	32,000 *	110.0	57.7	31,000 *	110.0	63.0	24,300 *	120.0	58.6	18,500 *	120.0	65.1	15,100 *	130.0	58.8	9,500 *	130.0	66.5	8,100 *
110.0	51.6	39,700 *	110.0	55.3	30,500 *	120.0	53.8	28,600 *	120.0	58.8	23,000 *	130.0	55.1	17,700 *	130.0	61.4	14,600 *	140.0	55.6	9,100 *	140.0	63.2	7,800 *
120.0	46.8	37,400 *	120.0	50.3	29,200 *	130.0	49.6	26,600 *	130.0	54.5	22,000 *	140.0	51.3	16,800 *	140.0	57.5	14,200 *	150.0	52.4	8,800 *	150.0	59.8	7,700 *
130.0	41.5	35,200 *	130.0	44.8	28,300 *	140.0	45.0	24,700 *	140.0	49.7	21,000 *	150.0	47.4	16,100 *	150.0	53.4	13,900 *	160.0	48.8	8,300 *	160.0	56.1	7,400 *
140.0	35.5	33,300 *	140.0	38.5	27,600 *	150.0	40.1	23,300 *	150.0	44.5	20,300 *	160.0	43.1	15,700 *	160.0	48.9	13,500 *	170.0	45.1	8,100 *	170.0	52.1	7,200 *
148.1	30.0	31,700 *	150.0	30.9	27,300 *	160.0	34.5	22,100 *	160.0	38.4	19,800 *	170.0	38.4	15,000 *	170.0	43.9	13,400 *	180.0	41.0	7,800 *	180.0	47.9	7,100 *
			151.1	30.0	27,300 *	167.1	30.0	21,100 *	170.0	30.9	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 *
									172.1	30.0	19,600 *	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 *	211.9	30.0	6,100
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 352,700 lbs (160,000 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 *				60.0	76.9	44,000 *				65.0	77.3	25,500 *				70.0	77.3	14,400 *									
55.0	75.8	54,900 *				65.0	75.4	42,700 *				70.0	75.9	24,800 *				75.0	76.1	13,800 *									
60.0	74.2	53,500 *				70.0	73.9	41,400 *				75.0	74.6	24,100 *				80.0	74.8	13,400 *									
65.0	72.6	52,100 *				75.0	72.4	40,300 *				80.0	73.3	23,500 *				85.0	73.5	13,000 *									
70.0	70.9	50,800 *				80.0	70.9	39,100 *				85.0	71.8	23,000 *				90.0	72.3	12,600 *									
75.0	69.2	49,600 *				85.0	69.3	38,100 *				90.0	70.5	22,500 *				95.0	71.0	12,100 *									
80.0	67.4	48,600 *				90.0	67.7	37,200 *				95.0	69.0	21,900 *				100.0	69.7	11,700 *									
85.0	65.7	47,600 *				95.0	66.1	36,300 *				100.0	67.6	21,300 *				110.0	67.2	11,100 *									
90.0	63.9	46,300 *				100.0	64.5	35,500 *				110.0	64.7	20,300 *				120.0	64.4	10,600 *									
95.0	62.1	45,000 *				110.0	61.3	33,500 *				120.0	61.8	19,200 *				130.0	61.7	10,100 *									
100.0	60.3	43,900 *				120.0	57.9	31,000 *				130.0	58.6	18,400 *				140.0	58.9	9,600 *									
110.0	56.5	41,800 *				130.0	54.4	28,800 *				140.0	55.4	17,700 *				150.0	56.0	9,200 *									
120.0	52.5	39,600 *				140.0	50.6	26,800 *				150.0	52.2	17,000 *				160.0	52.9	8,700 *									
130.0	48.3	37,300 *				150.0	46.6	25,300 *				160.0	48.6	16,300 *				170.0	49.7	8,300 *									
140.0	43.8	34,200 *				160.0	42.4	24,000 *				170.0	44.9	15,800 *				180.0	46.5	8,200 *									
150.0	38.8	31,300 *				170.0	37.7	22,600 *				180.0	40.8	15,300 *				190.0	42.9	7,900 *									
160.0	33.2	28,300 *				180.0	32.4	21,500 *				190.0	36.4	15,000 *				200.0	39.0	7,700 *									
165.9	30.0	26,600 *				184.1	30.0	21,100 *				200.0	31.3	14,500 *				210.0	34.8	7,400 *									
												203.4	30.0	14,500 *				220.0	30.0	6,800 *									
																		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 *				60.0	78.1	45,100 *				65.0	78.4	26,100 *				70.0	78.2	14,500 *			
60.0	75.8	54,800 *				65.0	76.7	43,700 *				70.0	77.2	25,500 *				75.0	77.1	14,100 *			
65.0	74.3	53,500 *				70.0	75.4	42,500 *				75.0	75.9	24,800 *				80.0	76.0	13,700 *			
70.0	72.8	52,100 *				75.0	74.1	41,500 *				80.0	74.6	24,200 *				85.0	74.8	13,300 *			
75.0	71.3	50,600 *				80.0	72.7	40,400 *				85.0	73.3	23,700 *				90.0	73.7	12,900 *			
80.0	69.8	49,200 *				85.0	71.2	39,400 *				90.0	72.1	23,100 *				95.0	72.5	12,500 *			
85.0	68.2	47,900 *				90.0	69.9	38,500 *				95.0	70.8	22,600 *				100.0	71.4	12,200 *			
90.0	66.6	46,700 *				95.0	68.4	37,700 *				100.0	69.5	22,100 *				110.0	69.0	11,500 *			
95.0	65.0	45,600 *				100.0	67.0	36,800 *				110.0	67.0	21,000 *				120.0	66.6	10,900 *			
100.0	63.4	44,500 *				110.0	64.1	35,100 *				120.0	64.3	20,000 *				130.0	64.1	10,400 *			
110.0	60.2	42,500 *				120.0	61.2	33,300 *				130.0	61.6	19,200 *				140.0	61.6	10,000 *			
120.0	56.8	40,400 *				130.0	58.0	31,000 *				140.0	58.7	18,500 *				150.0	59.0	9,500 *			
130.0	53.2	37,400 *				140.0	54.8	29,000 *				150.0	55.8	17,600 *				160.0	56.3	9,100 *			
140.0	49.5	33,500 *				150.0	51.5	27,300 *				160.0	52.8	17,100 *				170.0	53.5	8,800 *			
150.0	45.5	29,900 *				160.0	47.9	25,700 *				170.0	49.6	16,500 *				180.0	50.6	8,500 *			
160.0	41.2	26,900 *				170.0	44.2	24,300 *				180.0	46.3	15,900 *				190.0	47.5	8,100 *			
170.0	36.5	24,400 *				180.0	40.1	22,900 *				190.0	42.7	15,400 *				200.0	44.3	8,000 *			
180.0	31.2	22,200 *				190.0	35.7	20,900 *				200.0	38.8	15,100 *				210.0	40.9	7,900 *			
182.2	30.0	21,600 *				200.0	30.5	19,100 *				210.0	34.5	14,700 *				220.0	37.2	7,500 *			
						201.2	30.0	18,900 *				220.0	30.2	14,300 *				230.0	33.2	7,400 *			
												220.4	30.0	14,300 *				238.1	30.0	6,800 *			
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

CK3300G-2 CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 352,700 lbs (160,000 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 *				243.2	30.0	13,400 *	240.0	31.2	13,200 *	250.0	31.8	7,200 *						
												237.5	30.0	13,400 *			13,200 *	255.1	30.0	7,000 *	260.0	31.1	6,500 *						
																				263.0	30.0	6,200 *							
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	16,500 *	200.0	46.6	17,600 *	220.0	42.3	14,700 *	220.0	46.2	13,400 *	230.0	43.9	7,900 *	230.0	47.7	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 *	</														

STANDARD CONFIGURATION CRANE - LIFTING CHART

Fixed Jib Lift Capacity (without main hook weight deduct)

Counterweights : 352,700 lbs (160,000 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 *				70.0	78.5	45,200 *				75.0	78.8	26,200 *				80.0	78.6	14,500 *									
70.0	76.8	55,400 *				75.0	77.4	44,200 *				80.0	77.8	25,700 *				85.0	77.7	14,100 *									
75.0	75.7	54,400 *				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 *				85.0	75.3	42,400 *	85.0	79.0	29,700 *	90.0	75.8	24,500 *			17,800 *	95.0	75.9	13,400 *									
85.0	73.3	52,600 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *	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 *				80.0	77.3	43,900 *				85.0	77.6	25,300 *				90.0	77.6	14,000 *			
75.0	76.7	55,300 *				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 *				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 *				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 *				100.0	73.3	40,500 *	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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				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 *				260.0	33.5	7,300 *	260.0	35.6	8,100 *	269.0	36.5	6,500 *	270.0	3							

CK3300G-2 CRANE - LIFTING CHART

**Fixed Jib Lift Capacity
(without main hook weight deduct)**

Counterweights : 352,700 lbs (160,000 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 *	78.0	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				

In case of 40 ft (12.2 m) jib length with offset angle 10 degrees and one part of line on hook, additional parts required-contract KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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 27 to 29.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Heavy Fixed Jib Lift Capacity (without main hook weight deduct)

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

98 ft (30 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
60.0	77.2	88,200 *				60.0	80.2	88,200 *				70.0	79.4	78,600 *			
65.0	75.3	88,200 *				65.0	78.6	88,200 *				75.0	77.9	73,500 *			
70.0	73.3	88,200 *				70.0	76.9	86,500 *				80.0	76.3	68,800 *			
75.0	71.3	88,000 *	70.0	78.1	68,400 *	75.0	75.2	82,900 *	75.0	81.3	54,200 *	85.0	74.7	64,800 *			
80.0	69.4	87,700 *	80.0	74.0	62,400 *	80.0	73.4	78,000 *	80.0	79.5	51,600 *	90.0	73.2	61,200 *	90.0	80.4	39,700 *
85.0	67.4	86,700 *	85.0	72.0	59,800 *	85.0	71.7	73,400 *	85.0	77.6	49,300 *	95.0	71.6	57,900 *	95.0	78.7	37,900 *
90.0	65.2	82,500 *	90.0	69.8	57,500 *	90.0	69.9	69,500 *	90.0	75.8	47,200 *	100.0	70.0	54,900 *	100.0	77.0	36,300 *
95.0	63.1	78,500 *	95.0	67.6	55,300 *	95.0	68.1	66,000 *	95.0	73.9	45,200 *	110.0	66.7	49,700 *	110.0	73.6	33,300 *
100.0	60.9	75,000 *	100.0	65.3	53,400 *	100.0	66.3	62,800 *	100.0	71.9	43,300 *	120.0	63.3	45,300 *	120.0	70.0	30,800 *
110.0	56.4	68,600 *	110.0	60.7	50,100 *	110.0	62.4	57,200 *	110.0	67.9	40,100 *	130.0	59.7	41,600 *	130.0	66.2	28,600 *
120.0	51.5	63,500 *	120.0	55.5	47,300 *	120.0	58.4	52,600 *	120.0	63.7	37,500 *	140.0	55.9	38,400 *	140.0	62.2	26,700 *
130.0	46.1	59,100 *	130.0	49.8	45,000 *	130.0	54.1	48,600 *	130.0	59.1	35,200 *	150.0	51.9	35,700 *	150.0	58.0	25,000 *
140.0	40.1	55,300 *	140.0	43.3	43,100 *	140.0	49.5	45,100 *	140.0	54.3	33,100 *	160.0	47.5	33,300 *	160.0	53.2	23,600 *
150.0	32.9	52,500 *	150.0	35.6	41,700 *	150.0	44.5	42,100 *	150.0	48.8	31,400 *	170.0	42.7	31,300 *	170.0	47.9	22,500 *
									160.0	42.2	30,200 *	180.0	37.3	29,500 *	180.0	41.7	21,500 *
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2
118 ft (36 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
55.0	80.3	88,200 *				60.0	81.3	88,200 *				60.0	83.1	88,200 *			
60.0	78.6	88,200 *				65.0	79.7	88,200 *				65.0	81.7	88,200 *			
65.0	77.0	88,200 *				70.0	78.2	88,200 *				70.0	80.3	84,200 *			
70.0	75.3	88,200 *	70.0	79.5	70,600 *	75.0	76.7	86,200 *	75.0	82.2	55,800 *	75.0	79.0	79,400 *			
75.0	73.6	88,000 *	75.0	77.8	67,700 *	80.0	75.2	82,600 *	80.0	80.6	53,200 *	80.0	77.6	74,700 *			
80.0	71.8	87,900 *	80.0	76.0	65,000 *	85.0	73.6	78,300 *	85.0	79.0	51,000 *	85.0	76.2	70,300 *			
85.0	70.1	87,900 *	85.0	74.2	62,500 *	90.0	72.0	74,200 *	90.0	77.4	49,000 *	90.0	74.9	66,600 *	90.0	81.4	41,000 *
90.0	68.3	87,400 *	90.0	72.3	60,100 *	95.0	70.4	70,600 *	95.0	75.7	47,100 *	95.0	73.4	63,200 *	95.0	79.9	39,200 *
95.0	66.5	84,800 *	95.0	70.5	58,000 *	100.0	68.8	67,400 *	100.0	74.0	45,300 *	100.0	72.0	60,100 *	100.0	78.4	37,600 *
100.0	64.6	81,100 *	100.0	68.5	56,100 *	110.0	65.6	61,500 *	110.0	70.6	42,100 *	110.0	69.0	54,600 *	110.0	75.3	34,800 *
110.0	60.7	74,400 *	110.0	64.7	52,700 *	120.0	62.1	56,600 *	120.0	67.0	39,500 *	120.0	66.0	49,900 *	120.0	72.2	32,200 *
120.0	56.7	69,000 *	120.0	60.4	49,800 *	130.0	58.5	52,400 *	130.0	63.2	37,100 *	130.0	62.8	45,900 *	130.0	68.9	30,100 *
130.0	52.5	64,200 *	130.0	56.0	47,300 *	140.0	54.7	48,900 *	140.0	59.2	35,000 *	140.0	59.6	42,500 *	140.0	65.5	28,200 *
140.0	47.9	60,100 *	140.0	51.3	45,200 *	150.0	50.7	45,700 *	150.0	55.0	33,200 *	150.0	56.3	39,500 *	150.0	61.9	26,600 *
150.0	42.9	56,700 *	150.0	46.0	43,500 *	160.0	46.3	43,100 *	160.0	50.2	31,800 *	160.0	52.7	36,900 *	160.0	58.1	25,000 *
160.0	37.1	51,400 *	160.0	39.7	42,300 *				170.0	44.9	30,600 *	170.0	48.9	34,600 *	170.0	54.0	23,700 *
									180.0	38.7	29,600 *	180.0	44.8	32,500 *	180.0	49.5	22,600 *
									190.0	31.0	29,100 *	190.0	40.3	30,900 *	190.0	44.6	21,800 *
												200.0	35.0	29,300 *	200.0	38.4	21,100 *
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2

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 30.

CK3300G-2

CRANE - LIFTING CHART

Heavy Fixed Jib Lift Capacity (without main hook weight deduct)

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

138 ft (42 m) Boom																				
59 ft jib						79 ft jib						98 ft jib								
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)								
15			30			15			30			15			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)			
55.0	81.3	88,200 *				60.0	82.0	88,200 *				60.0	83.7	88,200 *						
60.0	79.8	88,200 *				65.0	80.7	88,200 *				65.0	82.4	88,200 *						
65.0	78.3	88,200 *				70.0	79.3	88,200 *				70.0	81.2	86,500 *						
70.0	76.8	88,200 *				75.0	78.0	88,000 *				75.0	80.0	82,900 *						
75.0	75.3	88,000 *	75.0	79.0	69,600 *	80.0	76.6	86,800 *	80.0	81.6	54,500 *	80.0	78.7	78,000 *						
80.0	73.7	87,900 *	80.0	77.4	67,000 *	85.0	75.1	82,400 *	85.0	80.1	52,300 *	85.0	77.4	73,800 *						
85.0	72.1	87,900 *	85.0	75.8	64,700 *	90.0	73.8	78,400 *	90.0	78.6	50,500 *	90.0	76.1	70,100 *				90.0	82.1	41,900 *
90.0	70.6	87,900 *	90.0	74.2	62,500 *	95.0	72.3	74,700 *	95.0	77.2	48,600 *	95.0	74.8	66,600 *				95.0	80.8	40,200 *
95.0	69.0	87,800 *	95.0	72.6	60,400 *	100.0	70.9	71,300 *	100.0	75.7	46,900 *	100.0	73.5	63,500 *	100.0	79.5	38,700 *			
100.0	67.4	86,600 *	100.0	71.0	58,500 *	110.0	68.0	65,500 *	110.0	72.6	43,800 *	110.0	71.0	57,900 *	110.0	76.7	35,900 *			
110.0	64.1	79,700 *	110.0	67.6	55,100 *	120.0	65.0	60,400 *	120.0	69.5	41,300 *	120.0	68.2	53,200 *	120.0	73.9	33,500 *			
120.0	60.7	74,100 *	120.0	64.0	52,200 *	130.0	61.8	56,100 *	130.0	66.2	38,900 *	130.0	65.4	49,000 *	130.0	71.0	31,300 *			
130.0	57.1	68,000 *	130.0	60.3	49,600 *	140.0	58.6	52,300 *	140.0	62.8	36,800 *	140.0	62.6	45,400 *	140.0	68.0	29,300 *			
140.0	53.3	61,300 *	140.0	56.4	47,400 *	150.0	55.2	49,000 *	150.0	59.3	35,000 *	150.0	59.6	42,300 *	150.0	64.9	27,700 *			
150.0	49.3	54,400 *	150.0	52.3	45,500 *	160.0	51.6	46,200 *	160.0	55.4	33,400 *	160.0	56.5	39,600 *	160.0	61.7	26,300 *			
160.0	44.9	48,700 *	160.0	47.7	44,000 *	170.0	47.8	43,000 *	170.0	51.3	32,000 *	170.0	53.3	37,200 *	170.0	58.2	25,000 *			
170.0	40.1	43,800 *	170.0	42.6	42,400 *	180.0	43.7	39,400 *	180.0	46.9	30,800 *	180.0	49.9	35,100 *	180.0	54.6	23,900 *			
						190.0	39.2	35,300 *	190.0	42.0	30,000 *	190.0	46.4	33,100 *	190.0	50.7	22,900 *			
									200.0	35.8	29,300 *	200.0	42.3	31,400 *	200.0	46.4	22,100 *			
												210.0	37.9	29,500 *	210.0	41.4	21,300 *			
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2			
157 ft (48 m) Boom																				
59 ft jib						79 ft jib						98 ft jib								
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)								
15			30			15			30			15			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)			
55.0	82.1	88,200 *				60.0	82.7	88,200 *				70.0	81.8	86,500 *						
60.0	80.7	88,200 *				65.0	81.5	88,200 *				75.0	80.7	83,100 *						
65.0	79.4	88,200 *				70.0	80.2	88,200 *				80.0	79.6	78,500 *						
70.0	78.0	88,200 *				75.0	79.0	88,000 *				85.0	78.4	74,500 *						
75.0	76.7	88,000 *	75.0	80.1	71,400 *	80.0	77.7	87,500 *	80.0	82.3	55,700 *	90.0	77.3	70,900 *	90.0	82.8	42,700 *			
80.0	75.3	87,900 *	80.0	78.7	68,800 *	85.0	76.4	86,000 *	85.0	81.0	53,600 *	95.0	76.1	67,600 *	95.0	81.6	41,100 *			
85.0	73.8	87,900 *	85.0	77.2	66,500 *	90.0	75.2	82,300 *	90.0	79.7	51,800 *	100.0	74.9	64,600 *	100.0	80.3	39,700 *			
90.0	72.5	87,900 *	90.0	75.8	64,400 *	95.0	73.9	78,600 *	95.0	78.3	50,000 *	110.0	72.5	59,000 *	110.0	77.9	37,000 *			
95.0	71.0	87,900 *	95.0	74.3	62,400 *	100.0	72.6	75,300 *	100.0	77.0	48,400 *	120.0	70.0	54,500 *	120.0	75.3	34,600 *			
100.0	69.6	87,400 *	100.0	72.9	60,500 *	110.0	70.0	69,200 *	110.0	74.3	45,400 *	130.0	67.5	50,500 *	130.0	72.7	32,500 *			
110.0	66.7	84,200 *	110.0	69.9	57,100 *	120.0	67.2	64,000 *	120.0	71.4	42,800 *	140.0	65.0	46,900 *	140.0	70.0	30,700 *			
120.0	63.7	75,900 *	120.0	66.8	54,200 *	130.0	64.4	59,500 *	130.0	68.6	40,500 *	150.0	62.4	43,700 *	150.0	67.3	29,000 *			
130.0	60.5	67,100 *	130.0	63.6	51,600 *	140.0	61.6	55,600 *	140.0	65.6	38,300 *	160.0	59.7	40,900 *	160.0	64.4	27,500 *			
140.0	57.3	59,100 *	140.0	60.3	49,300 *	150.0	58.6	51,900 *	150.0	62.5	36,500 *	170.0	56.8	38,600 *	170.0	61.5	26,100 *			
150.0	54.0	52,200 *	150.0	56.8	47,300 *	160.0	55.6	46,500 *	160.0	59.3	34,800 *	180.0	53.9	36,400 *	180.0	58.4	25,000 *			
160.0	50.3	46,500 *	160.0	53.1	45,600 *	170.0	52.4	41,500 *	170.0	55.8	33,400 *	190.0	50.8	34,400 *	190.0	55.1	23,800 *			
170.0	46.5	41,500 *	170.0	49.1	42,300 *	180.0	48.9	37,000 *	180.0	52.2	32,200 *	200.0	47.5	31,100 *	200.0	51.6	22,900 *			
180.0	42.4	37,000 *	180.0	44.8	38,000 *	190.0	45.4	33,100 *	190.0	48.4	31,100 *	210.0	44.0	27,900 *	210.0	47.8	22,200 *			
190.0	37.9	33,100 *	190.0	40.0	33,800 *	200.0	41.3	29,800 *	200.0	44.0	30,200 *	220.0	40.2	25,100 *	220.0	43.6	21,500 *			
200.0	32.6	29,800 *	200.0	34.2	30,300 *				210.0	39.1	27,900 *				230.0	39.0	20,900 *			
															240.0	33.1	20,400 *			
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2			

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 30.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Heavy Fixed Jib Lift Capacity (without main hook weight deduct)

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

177 ft (54 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
55	82.7	88,200 *				70.0	80.9	88,200 *				70.0	82.5	88,200 *			
60.0	81.5	88,200 *				75.0	79.8	88,000 *				75.0	81.4	85,600 *			
65.0	80.3	88,200 *				80.0	78.7	87,900 *	80.0	82.9	56,800 *	80.0	80.4	81,200 *			
70.0	79.0	88,200 *	70.0	82.2	75,200 *	85.0	77.5	87,900 *	85.0	81.7	54,700 *	85.0	79.3	77,100 *			
75.0	77.8	88,000 *	75.0	81.0	72,800 *	90.0	76.4	85,400 *	90.0	80.5	52,900 *	90.0	78.2	73,600 *			
80.0	76.5	87,900 *	80.0	79.7	70,400 *	95.0	75.2	82,200 *	95.0	79.3	51,100 *	95.0	77.1	70,300 *	95.0	82.2	41,900 *
85.0	75.2	87,900 *	85.0	78.4	68,200 *	100.0	74.0	78,800 *	100.0	78.1	49,500 *	100.0	76.0	67,200 *	100.0	81.1	40,500 *
90.0	74.0	87,900 *	90.0	77.1	66,200 *	110.0	71.6	72,600 *	110.0	75.6	46,700 *	110.0	73.8	61,700 *	110.0	78.8	37,800 *
95.0	72.7	87,900 *	95.0	75.8	64,300 *	120.0	69.1	67,300 *	120.0	73.1	44,100 *	120.0	71.6	57,000 *	120.0	76.5	35,600 *
100.0	71.4	87,400	100.0	74.4	62,500 *	130.0	66.6	62,200	130.0	70.5	41,800 *	130.0	69.3	52,900 *	130.0	74.1	33,500 *
110.0	68.8	83,800	110.0	71.8	59,100 *	140.0	64.1	56,600	140.0	67.8	39,700 *	140.0	66.9	49,300 *	140.0	71.7	31,600 *
120.0	66.0	74,200	120.0	69.0	56,200 *	150.0	61.5	49,700	150.0	65.1	37,800 *	150.0	64.6	46,100 *	150.0	69.2	30,100 *
130.0	63.2	64,700	130.0	66.1	53,600 *	160.0	58.8	44,100	160.0	62.2	36,300 *	160.0	62.1	43,400 *	160.0	66.7	28,600 *
140.0	60.4	56,600	140.0	63.2	51,300 *	170.0	55.9	39,000	170.0	59.3	34,900 *	170.0	59.6	40,200	170.0	64.0	27,100 *
150.0	57.5	49,700	150.0	60.2	49,100 *	180.0	53.0	34,500	180.0	56.2	33,600 *	180.0	57.0	36,500	180.0	61.3	25,900 *
160.0	54.4	44,100	160.0	57.0	45,100	190.0	49.9	30,500	190.0	53.0	32,400 *	190.0	54.3	32,300	190.0	58.5	24,900 *
170.0	51.2	39,000	170.0	53.7	40,500	200.0	46.6	27,100	200.0	49.5	29,300	200.0	51.5	28,700	200.0	55.5	23,900 *
180.0	47.7	34,500	180.0	50.2	35,800	210.0	43.1	24,100	210.0	45.7	26,000	210.0	48.5	25,500	210.0	52.3	23,000 *
190.0	44.2	30,500	190.0	46.5	31,600	220.0	39.3	21,300	220.0	41.5	22,800	220.0	45.4	22,600	220.0	48.9	22,100
200.0	40.2	27,100	200.0	42.2	28,100				230.0	37.0	20,100	230.0	42.0	19,900	230.0	45.3	21,200
210.0	35.8	24,000	210.0	37.5	24,700				240.0	31.2	17,600	240.0	38.4	17,600	240.0	41.3	18,700
												250.0	34.2	15,200	250.0	36.6	16,500
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2

197 ft (60 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
55.0	83.3	88,200 *				60.0	83.7	88,200 *				70.0	83.0	88,200 *			
60.0	82.1	88,200 *				65.0	82.7	88,200 *				75.0	82.0	87,900 *			
65.0	81.0	88,200 *				70.0	81.6	88,200 *				80.0	81.0	86,600 *			
70.0	79.8	88,200 *	70.0	82.8	76,100 *	75.0	80.5	88,000 *				85.0	80.0	82,400 *			
75.0	78.7	88,000 *	75.0	81.7	74,100 *	80.0	79.5	87,900 *	80.0	83.5	56,900 *	90.0	79.0	78,700 *			
80.0	77.6	88,000 *	80.0	80.5	71,800 *	85.0	78.4	87,900 *	85.0	82.4	55,600 *	95.0	78.0	75,200 *	95.0	82.8	42,500 *
85.0	76.4	87,900 *	85.0	79.3	69,700 *	90.0	77.3	87,600 *	90.0	81.2	53,900 *	100.0	77.0	72,000 *	100.0	81.7	41,200 *
90.0	75.3	87,900 *	90.0	78.1	67,700 *	95.0	76.3	85,300 *	95.0	80.1	52,200 *	110.0	75.0	66,300 *	110.0	79.6	38,700 *
95.0	74.1	87,900 *	95.0	76.9	65,800 *	100.0	75.2	81,900 *	100.0	79.0	50,600 *	120.0	72.8	61,500 *	120.0	77.5	36,500 *
100.0	72.9	87,900	100.0	75.8	64,000 *	110.0	73.0	75,800 *	110.0	76.7	47,800 *	130.0	70.8	57,100 *	130.0	75.3	34,500 *
110.0	70.5	87,900	110.0	73.3	60,700 *	120.0	70.7	69,900	120.0	74.4	45,400 *	140.0	68.7	53,200 *	140.0	73.1	32,600 *
120.0	68.0	87,900	120.0	70.8	57,900 *	130.0	68.4	62,600	130.0	72.0	43,100 *	150.0	66.5	49,900 *	150.0	70.8	31,000 *
130.0	65.5	74,900	130.0	68.3	55,300 *	140.0	66.1	54,500	140.0	69.6	41,000 *	160.0	64.2	44,200	160.0	68.5	29,400 *
140.0	63.0	54,500	140.0	65.6	52,600	150.0	63.8	47,700	150.0	67.2	39,100 *	170.0	61.9	38,900	170.0	66.1	28,100 *
150.0	60.4	47,700	150.0	62.9	49,600	160.0	61.3	41,900	160.0	64.6	37,400 *	180.0	59.6	34,300	180.0	63.7	27,000 *
160.0	57.7	41,900	160.0	60.1	43,800	170.0	58.8	36,800	170.0	62.0	36,000 *	190.0	57.2	30,300	190.0	61.2	25,800 *
170.0	54.8	36,800	170.0	57.2	38,500	180.0	56.2	32,300	180.0	59.3	34,100	200.0	54.7	26,600	200.0	58.5	24,800 *
180.0	51.9	32,300	180.0	54.2	33,800	190.0	53.5	28,300	190.0	56.5	31,100	210.0	52.1	23,300	210.0	55.8	23,900 *
190.0	48.8	28,300	190.0	51.0	29,600	200.0	50.6	24,900	200.0	53.5	27,400	220.0	49.4	20,400	220.0	52.9	22,300
200.0	45.6	24,900	200.0	47.6	25,900	210.0	47.6	21,800	210.0	50.4	24,000	230.0	46.5	17,700	230.0	49.9	19,300
210.0	42.0	21,800	210.0	44.0	22,600	220.0	44.5	18,900	220.0	47.0	20,800	240.0	43.5	15,400	240.0	46.6	16,700
220.0	38.2	18,700	220.0	40.0	19,700	230.0	41.2	16,400	230.0	43.4	18,200	250.0	40.2	13,100	250.0	43.1	14,500
230.0	34.1	15,700 *				240.0	37.6	14,200	240.0	39.4	15,600				260.0	39.1	12,300
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2

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 30.

CK3300G-2

CRANE - LIFTING CHART

Heavy Fixed Jib Lift Capacity (without main hook weight deduct)

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

217 ft (66 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
60.0	82.7	88,200 *				70.0	82.2	88,200 *				75.0	82.5	88,000 *			
65.0	81.7	88,200 *				75.0	81.2	88,000 *				80.0	81.6	87,300 *			
70.0	80.6	88,200 *				80.0	80.2	87,900 *				85.0	80.6	84,800 *			
75.0	79.5	88,000 *	75.0	82.3	75,200 *	85.0	79.2	87,900 *				90.0	79.7	81,100 *			
80.0	78.5	87,900 *	80.0	81.2	73,000 *	90.0	78.2	87,900 *	90.0	81.9	54,800 *	95.0	78.8	77,800 *	95.0	83.3	43,200 *
85.0	77.4	87,900 *	85.0	80.1	70,900 *	95.0	77.2	87,000 *	95.0	80.8	53,200 *	100.0	77.9	74,600 *	100.0	82.3	41,900 *
90.0	76.3	87,900 *	90.0	79.0	69,000 *	100.0	76.2	84,900 *	100.0	79.8	51,700 *	110.0	75.9	68,800 *	110.0	80.3	39,400 *
95.0	75.3	87,900 *	95.0	77.9	67,100 *	110.0	74.2	78,500 *	110.0	77.7	48,900 *	120.0	74.0	63,900 *	120.0	78.3	37,300 *
100.0	74.2	86,700	100.0	76.8	65,400 *	120.0	72.1	69,300	120.0	75.5	46,500 *	130.0	72.0	59,400	130.0	76.3	35,300 *
110.0	72.0	78,800	110.0	74.6	62,200 *	130.0	70.0	60,300	130.0	73.4	44,200 *	140.0	70.1	54,500	140.0	74.3	33,500 *
120.0	69.7	69,300	120.0	72.3	59,400 *	140.0	67.9	52,200	140.0	71.2	42,100 *	150.0	68.0	48,000	150.0	72.2	31,900 *
130.0	67.4	60,300	130.0	70.0	56,900 *	150.0	65.7	45,300	150.0	68.9	40,200 *	160.0	66.0	42,000	160.0	70.1	30,300 *
140.0	65.1	52,200	140.0	67.6	53,700	160.0	63.4	39,500	160.0	66.6	38,700 *	170.0	63.9	36,700	170.0	67.9	29,000 *
150.0	62.8	45,300	150.0	65.2	47,700	170.0	61.2	34,400	170.0	64.2	36,500	180.0	61.7	32,000	180.0	65.7	27,800 *
160.0	60.3	39,500	160.0	62.7	41,800	180.0	58.9	29,900	180.0	61.8	33,300	190.0	59.6	27,800	190.0	63.4	26,700 *
170.0	57.8	34,400	170.0	60.1	36,400	190.0	56.4	25,900	190.0	59.3	29,000	200.0	57.3	24,300	200.0	61.0	25,600 *
180.0	55.2	29,900	180.0	57.4	31,600	200.0	53.9	22,300	200.0	56.7	25,200	210.0	55.0	21,000	210.0	58.6	23,200
190.0	52.5	25,900	190.0	54.6	27,400	210.0	51.3	19,200	210.0	54.0	21,900	220.0	52.6	18,000	220.0	56.1	20,100
200.0	49.6	22,300	200.0	51.7	23,700	220.0	48.6	16,400	220.0	51.1	18,800	230.0	50.1	15,300	230.0	53.4	17,300
210.0	46.7	19,000	210.0	48.7	20,300	230.0	45.7	13,800	230.0	48.1	16,000	240.0	47.5	13,000	240.0	50.7	14,600
220.0	43.6	15,900 *	220.0	45.4	17,300	240.0	42.7	11,600	240.0	44.9	13,400	250.0	44.7	10,600	250.0	47.7	12,300
230.0	40.2	12,900 *	230.0	41.9	14,600 *	250.0	39.4	9,200	250.0	41.3	11,000				260.0	44.5	10,100
240.0	36.6	10,200 *	240.0	38.1	11,800 *						8,500 *						
250.0	32.5	7,700 *	250.0	33.7	9,000 *												
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2
236 ft (72 m) Boom																	
59 ft jib						79 ft jib						98 ft jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
15			30			15			30			15			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)
60.0	83.2	88,200 *				70.0	82.7	88,200 *				72.2	83.5	88,200 *			
65.0	82.3	88,200 *				75.0	81.7	88,000 *				75.0	83.0	84,900 *			
70.0	81.3	88,200 *				80.0	80.8	87,900 *				80.0	82.1	79,500 *			
75.0	80.3	88,000 *	75.0	82.8	76,100 *	85.0	79.9	87,900 *				85.0	81.2	74,800 *			
80.0	79.3	87,900 *	80.0	81.8	74,200 *	90.0	79.0	87,900 *	90.0	82.4	55,600 *	90.0	80.4	70,500 *			
85.0	78.3	87,900 *	85.0	80.8	72,200 *	95.0	78.0	87,900 *	95.0	81.4	54,100 *	95.0	79.5	66,900 *			
90.0	77.2	87,900 *	90.0	79.8	70,100 *	100.0	77.1	86,200	100.0	80.5	52,700 *	100.0	78.6	63,800 *	100.0	82.8	42,300 *
95.0	76.2	87,900 *	95.0	78.8	68,300 *	110.0	75.1	75,300	110.0	78.5	50,000 *	110.0	76.8	57,800 *	110.0	80.9	40,000 *
100.0	75.2	86,200	100.0	77.7	66,700 *	120.0	73.2	65,800	120.0	76.5	47,600 *	120.0	75.0	53,000 *	120.0	79.1	37,900 *
110.0	73.2	75,300	110.0	75.7	63,500 *	130.0	71.3	57,400	130.0	74.5	45,300 *	130.0	73.2	48,900 *	130.0	77.2	36,000 *
120.0	71.1	65,800	120.0	73.5	60,700 *	140.0	69.3	50,000	140.0	72.5	43,200 *	140.0	71.4	45,100 *	140.0	75.3	34,200 *
130.0	69.0	57,400	130.0	71.4	57,500	150.0	67.3	43,100	150.0	70.4	41,300 *	150.0	69.5	41,100 *	150.0	73.4	32,700 *
140.0	66.9	50,000	140.0	69.3	53,100	160.0	65.3	37,300	160.0	68.3	39,800 *	160.0	67.6	36,300 *	160.0	71.4	31,200 *
150.0	64.7	43,100	150.0	67.1	46,000	170.0	63.2	32,200	170.0	66.1	36,300	170.0	65.7	31,800 *	170.0	69.4	29,900 *
160.0	62.5	37,300	160.0	64.8	39,900	180.0	61.0	27,700	180.0	63.9	31,600	180.0	63.7	27,800 *	180.0	67.4	28,700 *
170.0	60.2	32,200	170.0	62.4	34,400	190.0	58.9	23,700	190.0	61.7	27,200	190.0	61.7	24,100 *	190.0	65.3	27,500 *
180.0	57.9	27,700	180.0	60.1	29,600	200.0	56.6	20,100	200.0	59.3	23,300	200.0	59.6	20,900 *	200.0	63.1	24,700
190.0	55.5	23,700	190.0	57.6	25,400	210.0	54.3	16,900	210.0	56.9	19,900	210.0	57.5	17,800 *	210.0	60.9	21,500
200.0	53.0	20,100	200.0	55.0	21,700	220.0	51.9	14,100	220.0	54.4	16,800	220.0	55.3	14,900 *	220.0	58.7	18,300
210.0	50.4	16,900	210.0	52.3	18,400	230.0	49.4	11,600	230.0	51.8	13,800	230.0	53.1	12,200 *	230.0	56.3	15,300
220.0	47.7	14,000 *	220.0	49.5	15,300	240.0	46.8	9,200	240.0	49.0	11,200	240.0	50.8	10,000 *	240.0	53.9	12,800
230.0	44.8	11,100 *	230.0	46.6	12,400	250.0	44.0	7,100	250.0	46.1	9,000	250.0	48.4	7,900 *	250.0	51.3	10,400
240.0	41.8	8,400 *	240.0	43.4	10,100							255.9	46.9	6,600 *	260.0	48.6	8,100
			250.0	40.0	7,600												
Reeves		3	Reeves		3	Reeves		3	Reeves		2	Reeves		3	Reeves		2

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 30.

NOTES

[illegible]

CK3300G-2

CRANE - LIFTING CHART

Barge Lift Capacity

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

78 ft (24 m) Boom						98 ft (30 m) Boom						118 ft (36 m) Boom					
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)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
29.6	75.6	403,800 *	385,100 *	367,400 *	334,600 *	26.3	80.5	454,500 *	425,500 *			22.0	84.2	542,300 *			
30.0	75.3	398,000 *	380,700 *	363,600 *	332,000 *	28.0	79.5	427,400 *	402,300 *			24.0	83.2	498,900 *			
32.0	73.8	373,400 *	359,000 *	344,700 *	319,300 *	30.0	78.3	398,000 *	376,500 *	355,100 *		26.0	82.2	459,400 *			
34.0	72.2	352,500 *	339,300 *	326,400 *	305,500 *	32.0	77.2	373,400 *	355,400 *	337,500 *		28.0	81.2	427,400 *			
36.0	70.7	334,000 *	321,100 *	308,500 *	290,900 *	34.0	75.9	352,500 *	336,000 *	319,700 *		30.0	80.2	398,000 *	372,200 *		
38.0	69.1	315,500 *	303,000 *	290,600 *	276,300 *	36.0	74.7	334,000 *	317,800 *	301,800 *		32.0	79.2	373,400 *	351,500 *		
40.0	67.5	297,300 *	285,200 *	273,400 *	261,800 *	38.0	73.5	315,500 *	299,600 *	283,900 *		34.0	78.2	352,500 *	332,100 *		
42.0	65.9	279,400 *	268,600 *	258,000 *	247,500 *	40.0	72.3	297,300 *	282,000 *	266,900 *	252,100 *	36.0	77.2	334,000 *	313,600 *		
44.0	64.2	261,600	252,000	242,500	233,200	42.0	71.1	279,400 *	265,600 *	251,900 *	238,400 *	38.0	76.2	315,500 *	295,200		
46.0	62.6	244,000	235,500	227,100	218,900	44.0	69.8	261,600	249,100	236,800	224,700	40.0	75.2	297,100 *	277,400	259,000	239,600 *
48.0	60.9	231,100	223,400	215,800	208,500	46.0	68.5	244,000	232,900	221,900	211,100	42.0	74.2	278,700 *	261,100	244,500	227,100 *
50.0	59.1	218,200	211,300	204,600	198,000	48.0	67.3	231,000	220,900	211,000	201,200	44.0	73.2	260,400	244,900	229,900	214,700
55.0	54.6	190,300	185,100	180,100	175,200	50.0	66.0	217,900	208,900	200,000	191,300	46.0	72.2	242,200	228,800	215,500	202,300
60.0	49.8	167,900	164,000	160,300	156,600	55.0	62.7	190,000	183,000	176,200	169,600	48.0	71.1	229,300	217,000	204,900	192,900
65.0	44.6	150,300	147,300	144,400	141,700	60.0	59.3	167,700	162,200	156,900	151,700	50.0	70.1	216,300	205,200	194,300	183,500
70.0	38.8	135,900	133,600	131,400	129,300	65.0	55.8	149,900	145,500	141,300	137,200	55.0	67.4	188,300	179,700	171,200	162,900
75.0	32.1	123,300	121,500	119,800	118,200	70.0	52.1	135,400	131,900	128,500	125,200	60.0	64.7	165,900	159,100	152,400	145,800
76.1	30.5	120,800	119,100	117,400	115,900	75.0	48.2	123,000	120,200	117,500	114,800	65.0	62.0	148,100	142,600	137,200	131,900
						80.0	44.0	112,300	110,000	107,800	105,800	70.0	59.1	133,700	129,100	124,700	120,300
						85.0	39.4	103,000	101,300	99,600	98,000	75.0	56.2	121,200	117,500	113,900	110,300
						90.0	34.3	95,400	93,800	92,400	91,000	80.0	53.1	110,500	107,500	104,500	101,600
						93.1	30.8	90,600	89,300	88,000	86,700	85.0	49.9	101,500	98,900	96,400	93,900
												90.0	46.6	93,700	91,500	89,400	87,400
												95.0	43.0	86,700	84,900	83,200	81,600
												100.0	39.1	80,500	79,100	77,700	76,400
												110.0	30.1	70,300	69,200	68,200	67,300
												110.2	30.0	70,100	69,000	68,000	67,100
Reeves		14 (2x7)	12 (2x6)	12 (2x6)	12 (2x6)	Reeves		14 (2x7)	14 (2x7)	12 (2x6)	8 (2x4)	Reeves		18 (2x9)	12 (2x6)	8 (2x4)	8 (2x4)
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)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
24.0	84.2	497,000 *				26.0	84.2	458,800 *				27.9	84.2	427,600 *			
26.0	83.4	459,200 *				28.0	83.5	427,400 *				28.0	84.2	426,000 *			
28.0	82.5	427,400 *				30.0	82.7	398,000 *				30.0	83.5	398,000 *			
30.0	81.7	398,000 *				32.0	82.0	373,400 *				32.0	82.9	373,400 *			
32.0	80.8	373,400 *				34.0	81.3	352,500 *				34.0	82.2	352,400 *			
34.0	80.0	352,500 *	317,400			36.0	80.5	334,000 *				36.0	81.5	333,800 *			
36.0	79.1	334,000 *	299,800			38.0	79.8	315,500 *				38.0	80.9	315,200			
38.0	78.3	315,500 *	282,300			40.0	79.0	296,900 *	252,600			40.0	80.2	296,300	239,600		
40.0	77.4	297,000 *	266,000	247,000 *		42.0	78.3	277,900 *	240,700			42.0	79.6	277,100	228,800		
42.0	76.6	278,300 *	252,400	234,500 *		44.0	77.6	258,800	228,800			44.0	78.9	257,800	217,900		
44.0	75.7	259,600	238,800	221,900		46.0	76.8	240,000	216,900	202,400 *		46.0	78.2	238,700	207,100	191,800 *	
46.0	74.8	241,100	225,200	209,500	196,900 *	48.0	76.1	227,000	207,000	193,000 *		48.0	77.6	225,700	198,500	184,000 *	
48.0	74.0	228,100	213,600	199,300	187,200 *	50.0	75.3	214,000	197,100	183,600		50.0	76.9	212,600	189,800	176,300	
50.0	73.1	215,100	202,000	189,100	177,400	55.0	73.4	185,900	174,100	162,500	151,100 *	55.0	75.2	184,500	169,500	157,700	
55.0	70.9	187,000	176,800	166,700	156,800	60.0	71.5	163,400	154,000	144,600	135,400	60.0	73.5	161,900	151,100	140,500	130,400 *
60.0	68.6	164,600	156,400	148,400	140,500	65.0	69.5	145,500	137,800	130,200	122,700	65.0	71.8	143,900	135,100	126,300	118,300 *
65.0	66.4	146,800	140,100	133,500	127,000	70.0	67.6	131,000	124,600	118,300	112,000	70.0	70.1	129,300	122,000	114,700	107,500
70.0	64.0	132,200	126,700	121,300	116,000	75.0	65.6	118,600	113,200	107,900	102,600	75.0	68.4	116,800	110,600	104,500	98,500
75.0	61.7	119,800	115,200	110,800	106,400	80.0	63.5	107,900	103,300	98,800	94,400	80.0	66.6	106,100	100,800	95,600	90,500
80.0	59.3	109,200	105,300	101,500	97,800	85.0	61.5	98,600	94,700	90,900	87,100	85.0	64.8	96,800	92,300	87,900	83,500
85.0	56.8	99,900	96,700	93,500	90,300	90.0	59.3	90,800	87,400	84,100	80,900	90.0	63.0	89,000	85,100	81,200	77,500
90.0	54.2	92,100	89,300	86,600	83,900	95.0	57.2	83,800	80,900	78,000	75,200	95.0	61.1	82,000	78,600	75,200	71,900
95.0	51.5	85,100	82,700	80,400	78,200	100.0	55.0	77,500	74,900	72,400	70,000	100.0	59.2	75,800	72,700	69,800	66,900
100.0	48.7	78,900	76,900	74,900	73,000	110.0	50.3	66,900	65,000	63,200	61,400	110.0	55.3	65,200	62,700	60,400	58,100
110.0	42.8	68,500	67,000	65,600	64,200	120.0	45.3	58,500	57,100	55,700	54,300	120.0	51.2	56,800	54,400	52,600	50,900
120.0	36.0	60,100	59,000	58,000	57,100	130.0	39.7	51,500	50,400	49,400	48,400	130.0	46.8	49,700	47,700	46,400	45,100
127.2	30.3	54,800	54,100	53,300	52,500	140.0	33.4	45,900	44,800	43,900	43,100	140.0	42.1	43,900	42,100	41,100	40,100
						144.3	30.4	43,600	42,400	41,600	40,900	150.0	36.8	38,900	37,200	36,500	35,700
												160.0	30.8	34,700	32,900	32,300	31,800
												161.4	30.0	34,100	32,400	31,800	31,300
Reeves		16 (2x8)	10 (2x5)	8 (2x4)	6 (2x3)	Reeves		14 (2x7)	8 (2x4)	8 (2x4)	6 (2x3)	Reeves		14 (2x7)	8 (2x4)	6 (2x3)	6 (2x3)

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 32 to 33.

STANDARD CONFIGURATION CRANE - LIFTING CHART

Barge Lift Capacity

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

197 ft (60 m) Boom						217 ft (66 m) Boom						236 ft (72 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)			
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List
29.9	84.2	399,400 *				31.9	84.2	374,700 *				33.8	84.2	321,400 *			
30.0	84.2	397,700 *				32.0	84.2	372,700 *				34.0	84.1	320,500 *			
32.0	83.6	373,300 *				34.0	83.6	352,000 *				36.0	83.7	312,400 *			
34.0	83.0	352,200 *				36.0	83.1	332,700 *				38.0	83.2	304,300 *			
36.0	82.4	333,200 *				38.0	82.6	313,400				40.0	82.7	292,700 *			
38.0	81.8	314,300				40.0	82.0	294,100				42.0	82.2	273,700 *			
40.0	81.2	295,200	227,800			42.0	81.5	274,900				44.0	81.7	254,700			
42.0	80.6	276,000	217,700			44.0	81.0	255,600				46.0	81.2	235,800	179,200		
44.0	80.0	256,700	207,600			46.0	80.4	236,500	187,900			48.0	80.7	222,700	172,200		
46.0	79.4	237,600	197,500			48.0	79.9	223,400	180,600			50.0	80.2	209,600	165,200		
48.0	78.9	224,500	189,700			50.0	79.4	210,300	173,200			55.0	79.0	181,300	149,500		
50.0	78.3	211,400	181,900			55.0	78.0	182,000	156,600	143,200 *		60.0	77.7	158,600	135,900	124,700 *	
55.0	76.8	183,200	163,800	152,500 *		60.0	76.6	159,300	142,100	132,800 *		65.0	76.5	140,600	124,300	116,200 *	
60.0	75.3	160,600	147,500	136,800	124,100 *	65.0	75.3	141,300	129,200	119,800		70.0	75.2	126,000	114,100	106,200	
65.0	73.7	142,600	132,700	123,100	114,700 *	70.0	73.9	126,700	117,300	108,600	99,200 *	75.0	74.0	113,400	104,300	96,600	89,500 *
70.0	72.2	128,200	119,900	111,600	103,900 *	75.0	72.5	114,200	106,400	98,700	90,900 *	80.0	72.7	102,500	95,100	87,800	82,300 *
75.0	70.7	115,600	108,600	101,700	94,800 *	80.0	71.1	103,400	96,700	90,100	83,700 *	85.0	71.4	93,100	86,700	80,400	75,100 *
80.0	69.1	104,800	98,800	93,000	87,200	85.0	69.7	94,000	88,300	82,700	77,100	90.0	70.1	85,300	79,400	73,800	68,700
85.0	67.5	95,500	90,400	85,400	80,400	90.0	68.3	86,200	81,000	75,900	70,900	95.0	68.8	78,200	72,800	67,800	62,900
90.0	65.9	87,700	83,200	78,900	74,500	95.0	66.8	79,100	74,400	69,900	65,400	100.0	67.5	71,800	66,800	62,500	58,200
95.0	64.3	80,700	76,700	72,800	69,000	100.0	65.4	72,700	68,400	64,400	60,600	110.0	64.8	61,300	56,800	53,300	49,900
100.0	62.7	74,400	70,800	67,300	63,900	110.0	62.4	62,100	58,300	55,100	52,000	120.0	62.1	52,600	48,500	45,700	42,900
110.0	59.3	63,800	60,600	57,900	55,100	120.0	59.4	53,600	50,000	47,500	45,100	130.0	59.3	45,500	41,800	39,600	37,400
120.0	55.8	55,200	52,300	50,100	48,000	130.0	56.2	46,400	43,200	41,300	39,400	140.0	56.4	39,500	36,000	34,200	32,400
130.0	52.1	48,200	45,500	43,800	42,300	140.0	52.9	40,600	37,500	36,000	34,500	150.0	53.4	34,300	31,000	29,500	28,100
140.0	48.3	42,300	39,900	38,600	37,400	150.0	49.5	35,500	32,600	31,300	30,100	160.0	50.2	29,800	26,600	25,500	24,300
150.0	44.2	37,300	35,000	34,000	33,000	160.0	45.8	31,200	28,300	27,300	26,300	170.0	46.9	26,000	23,000	22,000	21,000
160.0	39.7	33,000	30,800	30,000	29,200	170.0	41.9	27,300	24,500	23,700	22,900	180.0	43.4	22,700	19,700	18,900	18,100
170.0	34.8	29,300	27,100	26,400	25,800	180.0	37.7	24,100	21,400	20,800	20,200	190.0	39.7	19,900	16,900	16,200	15,500
178.4	30.2	26,600	24,300	23,700	23,200	190.0	33.0	21,200	18,700	18,200	17,700	200.0	35.7	17,300	14,300	13,800	13,300
						195.5	30.3	19,800	17,300	16,800	16,400	210.0	31.1	14,900	12,100	11,800	11,500
												212.5	30.0	14,500	11,700	11,400	11,100
Reeves		14 (2x7)	8 (2x4)	6 (2x3)	4 (2x2)	Reeves		12 (2x6)	6 (2x3)	6 (2x3)	4 (2x2)	Reeves		10 (2x5)	6 (2x3)	4 (2x2)	4 (2x2)
256 ft (78 m) Boom						276 ft (84 m) Boom											
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)				Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)									
		0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List			0 Degree Machine List	1 Degree Machine List	2 Degree Machine List	3 Degree Machine List						
35.8	84.2	270,700 *				37.8	84.2	233,000 *									
36.0	84.2	270,300 *				38.0	84.2	232,900 *									
38.0	83.7	267,500 *				40.0	83.7	232,000 *									
40.0	83.3	262,700 *				42.0	83.3	231,000 *									
42.0	82.8	253,400 *				44.0	82.9	230,000 *									
44.0	82.3	244,100				46.0	82.5	228,600 *									
46.0	81.9	234,700				48.0	82.1	217,000 *									
48.0	81.4	221,600				50.0	81.6	205,400									
50.0	81.0	208,400				55.0	80.6	178,900	135,200								
55.0	79.8	180,000	142,200			60.0	79.5	156,100	122,900								
60.0	78.7	157,200	129,300			65.0	78.5	138,000	112,200								
65.0	77.6	139,100	118,200			70.0	77.4	123,200	103,000	94,900							
70.0	76.4	124,500	108,600	101,100 *		75.0	76.3	110,600	94,800	87,100							
75.0	75.2	111,900	100,000	93,100 *	78,300 *	80.0	75.3	99,700	87,300	80,500	72,200 *						
80.0	74.1	101,000	92,100	85,400	73,600 *	85.0	74.2	90,200	80,700	74,700	67,200 *						
85.0	72.9	91,600	84,300	77,500	69,000 *	90.0	73.1	82,300	74,200	68,200	61,800						
90.0	71.7	83,700	77,100	70,900	63,500 *	95.0	72.0	75,200	68,000	62,300	56,600						
95.0	70.5	76,600	70,500	65,000	60,200 *	100.0	70.9	68,900	62,200	57,000	51,800						
100.0	69.3	70,200	64,500	59,600	54,800	110.0	68.7	58,200	52,300	48,200	44,100						
110.0	66.9	59,700	54,500	50,600	46,800	120.0	66.4	49,400	44,100	40,600	37,300						
120.0	64.4	51,000	46,100	43,000	39,900	130.0	64.1	42,200	37,300	34,600	31,900						
130.0	61.9	43,800	39,400	37,000	34,600	140.0	61.8	36,200	31,600	29,400	27,200						
140.0	59.3	37,800	33,800	31,800	29,800	150.0	59.4	31,000	26,600	24,700	22,800						
150.0	56.7	32,600	28,800	27,100	25,500	160.0	56.9	26,500	22,100	20,500	19,000						
160.0	53.9	28,100	24,400	23,000	21,600	170.0	54.4	22,500	18,300	16,900	15,700						
170.0	51.0	24,200	20,600	19,400	18,300	180.0	51.7	19,200	15,000	13,900	12,800						
180.0	48.1	21,000	17,300	16,300	15,300	190.0	49.0	16,200	12,100	11,100							
190.0	44.9	18,000	14,400	13,500	12,700	200.0	46.1	13,500	9,300	8,300							
200.0	41.6	15,300	11,700	11,100		209.9	43.3	11,000									
210.0	38.0	13,000	9,400	8,800													
220.0	34.2	10,900															
223.1	32.9	10,300															
Reeves		10 (2x5)	6 (2x3)	4 (2x2)	4 (2x2)	Reeves		8 (2x4)	6 (2x3)	4 (2x2)	4 (2x2)						

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.

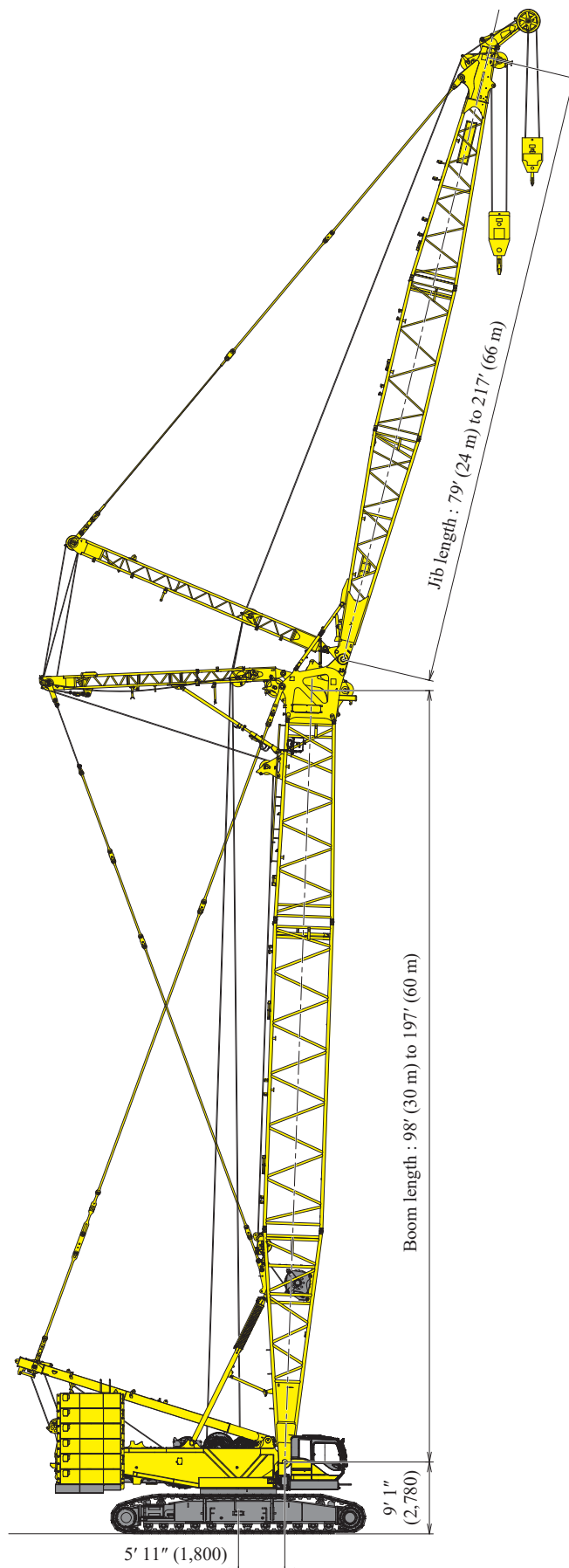
Refer to notes on 32 to 33.

CK3300G-2

LUFFING BOOM / JIB - GENERAL DIMENSIONS

Luffing Jib

Unit : ft-in (mm)



STANDARD CONFIGURATION

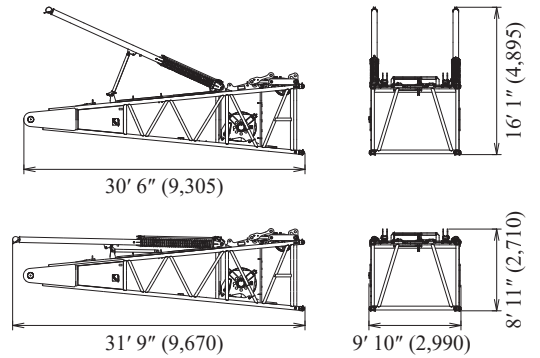
LUFFING BOOM / JIB - DIMENSIONS & WEIGHT

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

30 ft (9 m) Boom Base

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

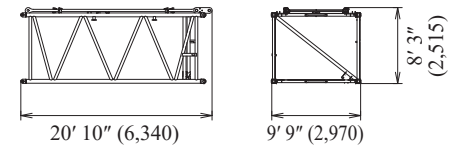
- W2 winch and wire rope ○
- W2 Guide sheave ○
- Boom backstop ○
- Walkway ○
- Guy lines for boom and strut guy lines ○
- Reeving winch and wire rope ○



20 ft (6 m) Boom Insert

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

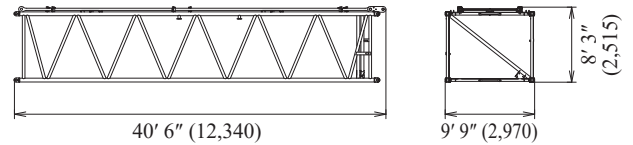
Includes walkway, guy lines for boom and strut guy lines.



40 ft (12 m) Boom Insert

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

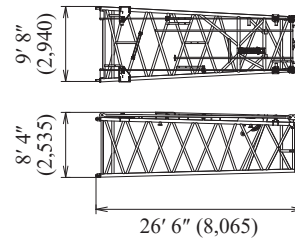
Includes walkway, guy lines for boom and strut guy lines.



26 ft (7.8 m) Taper Boom Insert

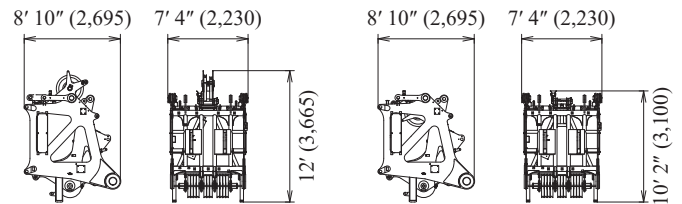
Weight : 7,995 lbs (3,630 kg)

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



Boom Tip

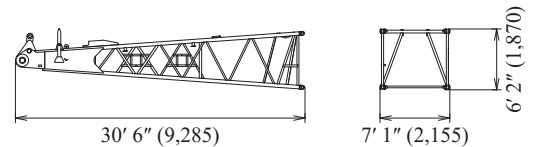
Weight : 10,100 lbs (4,580 kg)



Luffing Jib Base

Weight : 6,100 lbs (2,770 kg)

Includes walkway.



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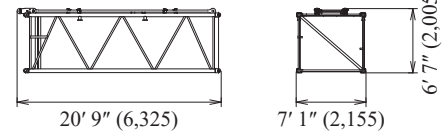
LUFFING BOOM / JIB - DIMENSIONS & WEIGHT

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

20 ft (6 m) Luffing Jib Insert

Weight : 2,370 lbs (1,075 kg)

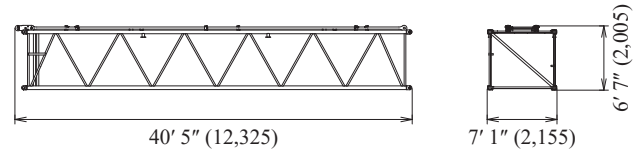
Includes guy lines and walkway.



40 ft (12 m) Luffing Jib Insert

Weight : 4,170 lbs (1,890 kg)

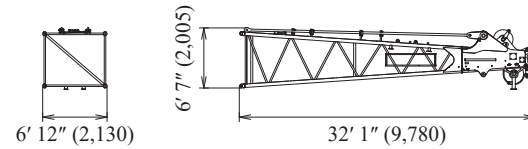
Includes guy lines and walkway.



Luffing Jib Tip

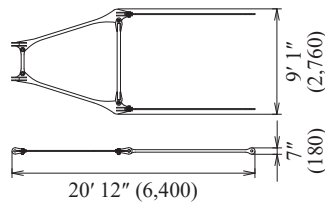
Weight : 6,615 lbs (3,000 kg)

Includes guy lines and walkway.



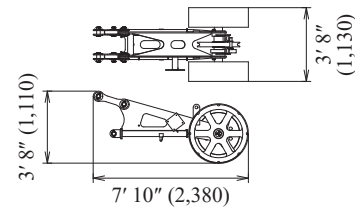
Link Assy

Weight : 825 lbs (375 kg)



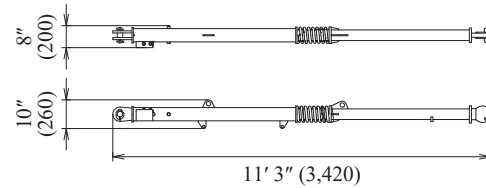
Auxiliary Sheave

Weight : 1,620 lbs (735 kg)



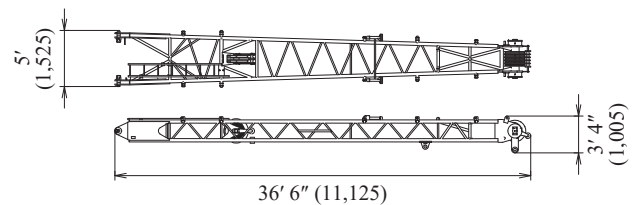
Luffing Jib back stop

Weight : 650 lbs (295 kg)



Front Strut (Luffing Jib)

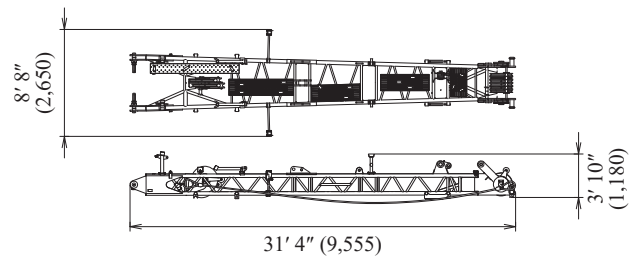
Weight : 4,585 lbs (2,080 kg)



Rear Strut (Luffing Jib)

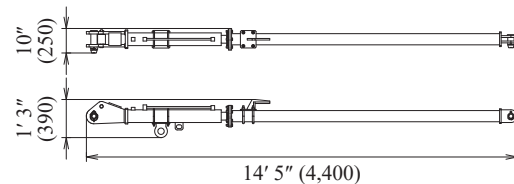
Weight : 5,335 lbs (2,420 kg)

Includes sling and walkway.



Luffing Jib Strut Backstop

Weight : 490 lbs (225 kg)



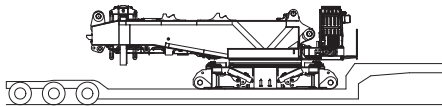
STANDARD CONFIGURATION

LUFFING BOOM / JIB - TRANSPORTATION PLAN

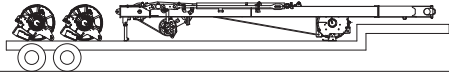
Configuration : Standard LF 197' + 197' (Counterweight : 308,600 lbs, Carbody weight 88,200 lbs)

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	91.6	41.5	1															
H1 hoist non-free fall winch with 1,969' wire rope	1	10.4	4.7		1														
H2 hoist non-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)	91.6	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

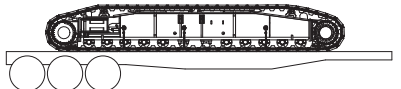
Trailer #1



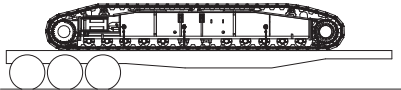
Trailer #2



Trailer #3



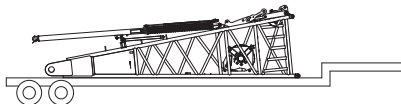
Trailer #4



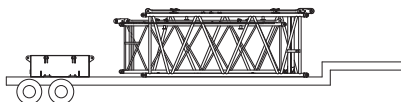
Trailer #5



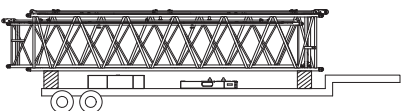
Trailer #6



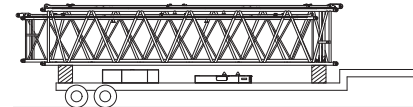
Trailer #7



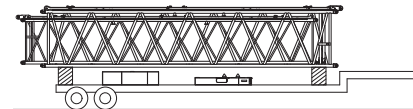
Trailer #8



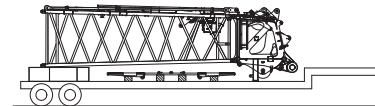
Trailer #9



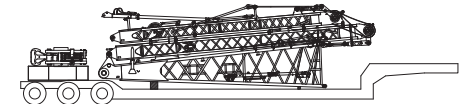
Trailer #10



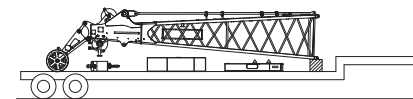
Trailer #11



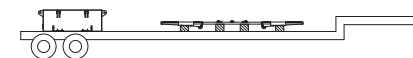
Trailer #12



Trailer #13



Trailer #14



Trailer #15

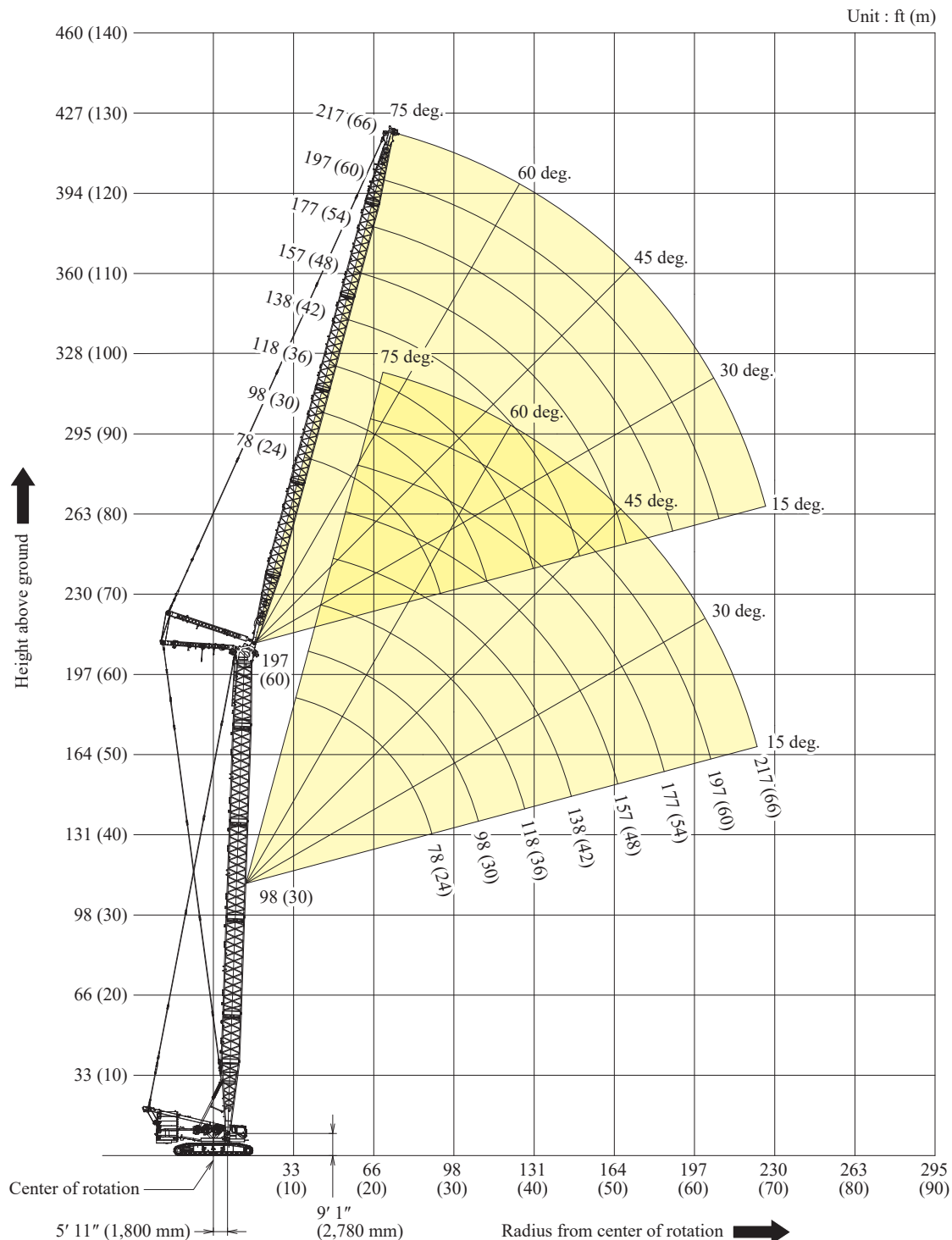


Trailer #16



CK3300G-2 LUFFING BOOM / JIB - WORKING RANGES

Luffing Jib 88 deg

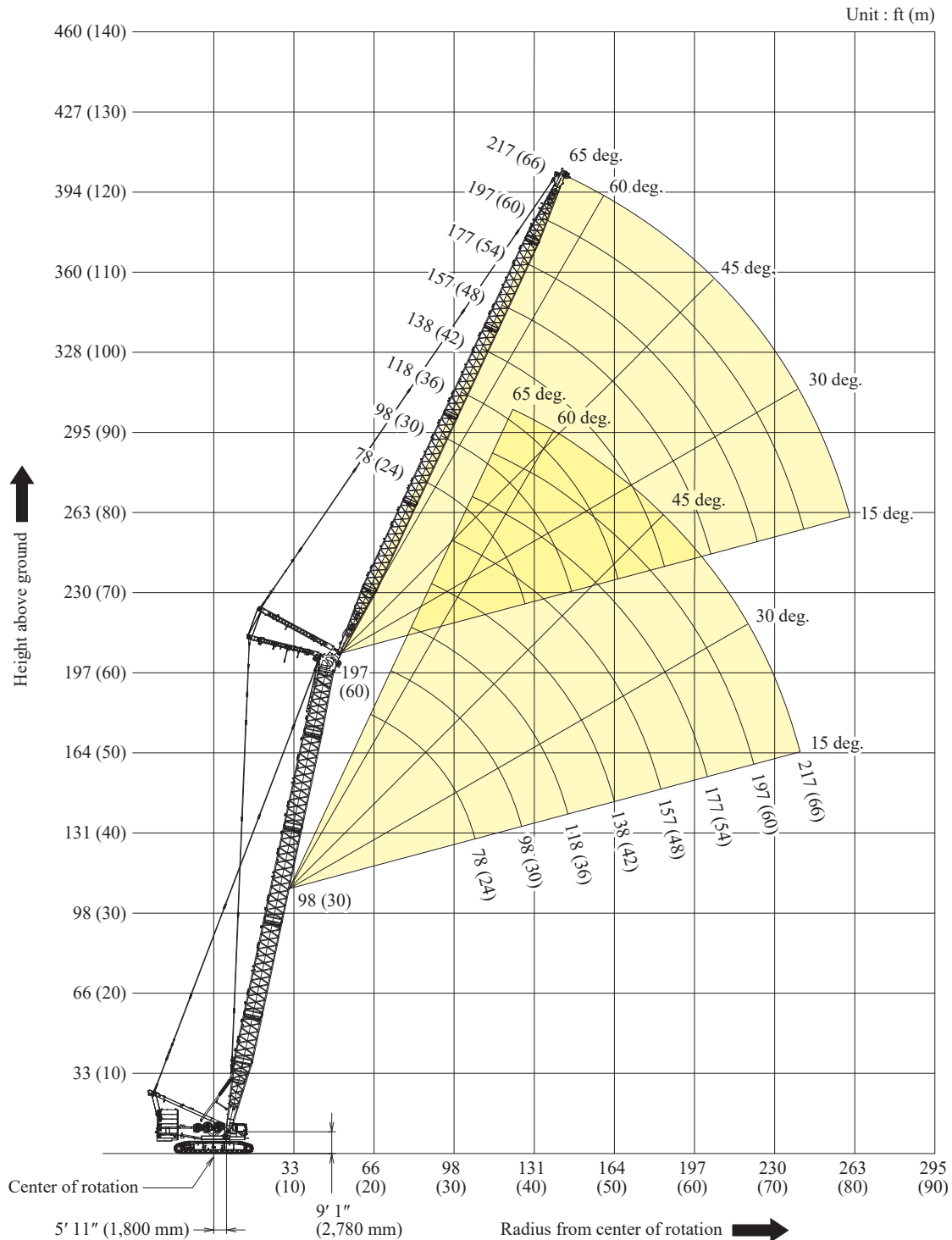


- Working weight*¹ : 794,821 lbs (360,525 kg)
- Ground bearing pressure*¹ : Approx. 21.9 psi (151 kPa)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

*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.

STANDARD CONFIGURATION LUFFING BOOM / JIB - WORKING RANGES

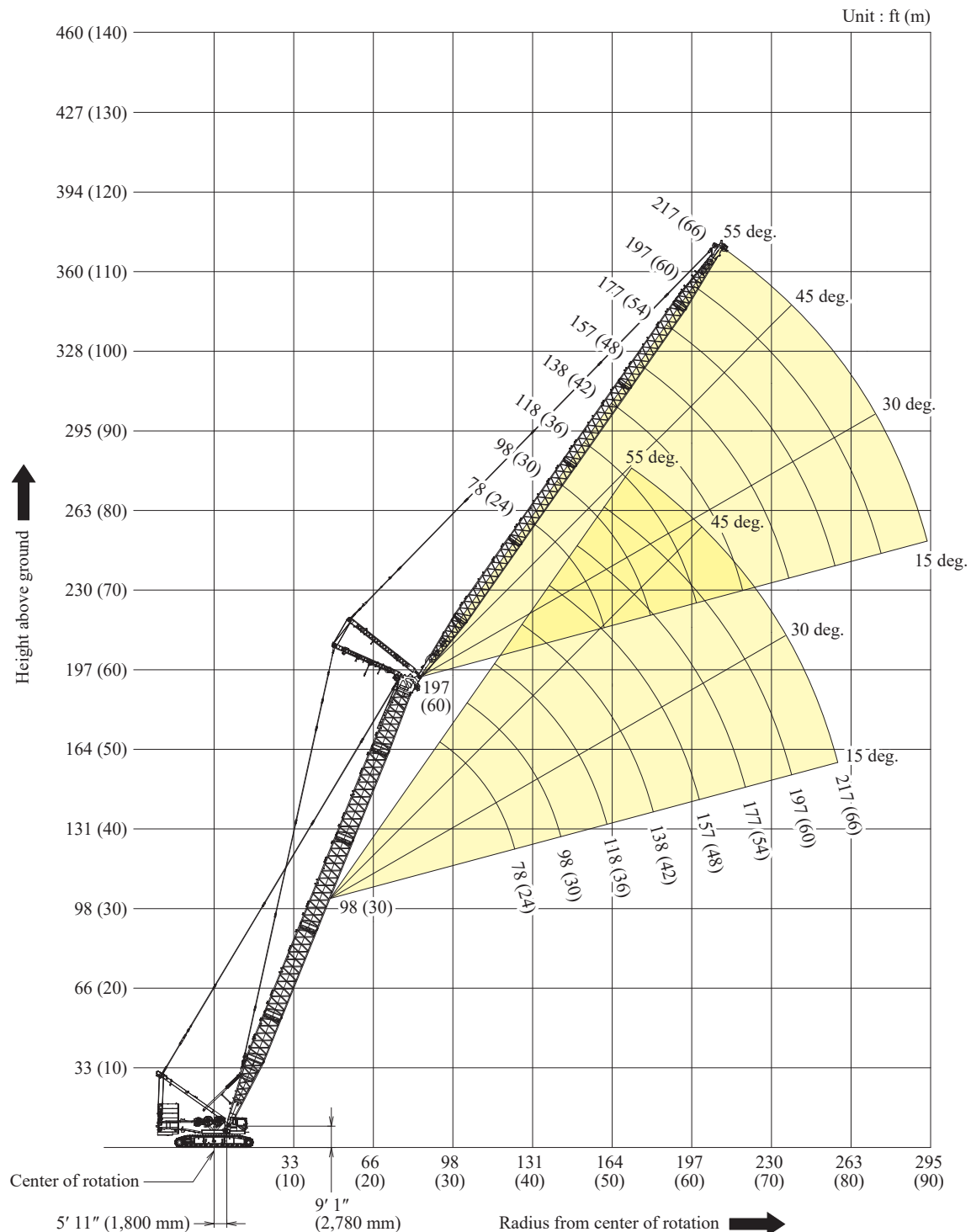
Luffing Jib 78 deg



- Working weight*¹ : 794,821 lbs (360,525 kg)
 - Ground bearing pressure*¹ : Approx. 21.9 psi (151 kPa)
 - 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.

CK3300G-2 LUFFING BOOM / JIB - WORKING RANGES

Luffing Jib 68 deg



- Working weight*¹ : 794,821 lbs (360,525 kg)
- Ground bearing pressure*¹ : Approx. 21.9 psi (151 kPa)
- Wind speed : 100% performance in wind speed up to 10 m/s (22.5 MPH)

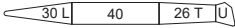
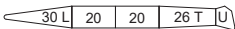
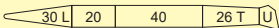
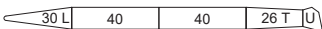
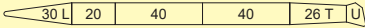
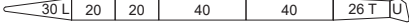
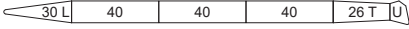
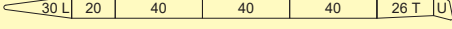
*¹ : Including base machine, counterweights : 308,600 lbs (140,000 kg), Carbody weights : 88,200 lbs (40,000 kg), Counterweight self removal device, 197 ft (60 m) luffing boom, 217 ft (66 m) luffing jib and 50 US ton hook block.

STANDARD CONFIGURATION

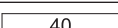
LUFFING BOOM / JIB - BOOM AND JIB ARRANGEMENTS

Luffing Boom / Jib Arrangement

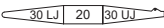
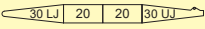
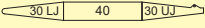
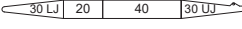
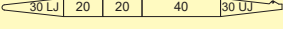
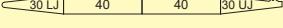
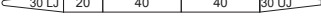
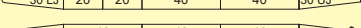
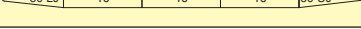
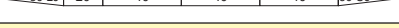
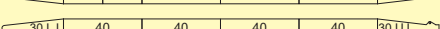
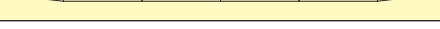
Luffing Boom Arrangement for Luffing

Boom length : ft (m)	Boom arrangement
98 (30)	 
118 (36)	* 
138 (42)	*  
157 (48)	* 
177 (54)	*  
197 (60)	* 

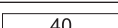
* Indicates the most flexible combination of boom inserts, which can be modified to form all shorter boom arrangements.

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

Luffing Jib Arrangement

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

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

Symbol	Length	Remarks
	30 ft (9 m)	Luffing Jib Base
	30 ft (9 m)	Luffing Jib Tip
	20 ft (6 m)	Luffing Jib Insert
	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.

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.
 - 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, jib hook blocks, auxiliary sheave 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 over 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. Auxiliary sheave ratings at any radius from center of rotation are the same as crane ratings shown in table for luffing jib when operated at the same radius.
10. Auxiliary sheave can be mounted on all of boom and jib combinations.
11. Luffing boom lengths for jib mounting are 98 ft (30 m) to 197 ft (60 m).
Jib lengths are 78 ft (24 m) to 217 ft (66 m).
12. The boom should be erected over the front of the crawlers, not laterally.
When erecting and lowering the boom length of 197 ft (60 m) or over, the blocks for erection must be placed at the end of the crawlers.
13. Least stable position is over the side.
14. The minimum rated load is 9,700 lbs (4.4 t).

STANDARD CONFIGURATION

LUFFING BOOM / JIB - SUPPLEMENTAL DATA

Luffing Jib

15. 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

(4) Main boom with luffing jib

Boom Length : ft	Jib Length : ft							
	78	98	118	138	157	177	197	217
98	14	13	12	12	11	10	10	9
118	12	12	11	11	10	9	9	8
138	10	9	9	8	8	7	7	6
157	9	9	8	8	7	7	6	5
177	7	7	6	6	5	5	4	4
197	6	6	6	5	5	4	4	3

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

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
Max. Loads : lbs	426,500	454,100
Max. Loads : t	193.5	206.0

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

17. 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.

CK3300G-2

LUFFING BOOM / JIB - SUPPLEMENTAL DATA

Luffing Jib

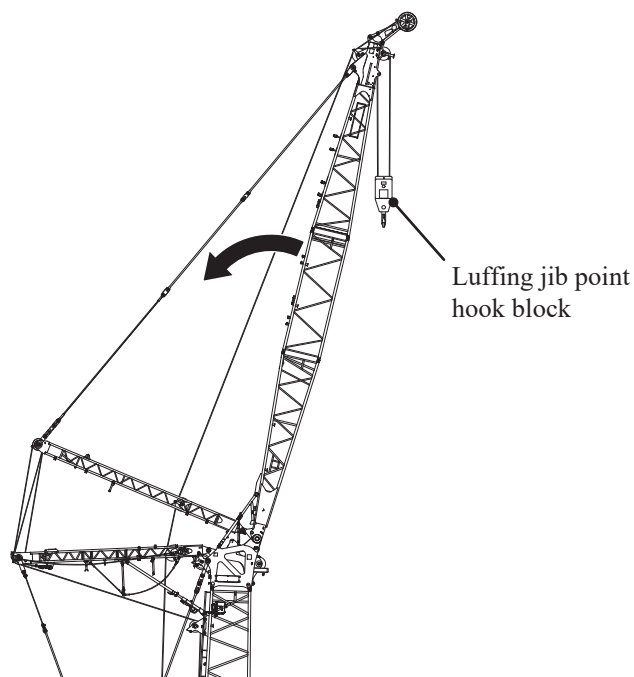
18. Hook block and number of reeving parts of line restriction.
 - (1) The self-weight of luffing jib point hook block must be heavier than or equal to the table below in the capacities indicated by "b".
 - (2) Total number of reeving parts of line on luffing jib point hook block must be larger than or equal to the table below in the capacities indicated by "b".

⚠ DANGER

Follow the both (1) and (2) above at the 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 minimum hook block self-weight and minimum number of reeving parts of line on hook block in the capacities indicated by "b".

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	-	-	-	-	-
	No. of Parts Line	2	2	2	-	-	-	-	-
118 (36)	Hook Block Self-Weight : lbs	4,850	4,850	-	-	-	-	-	-
	No. of Parts Line	2	2	-	-	-	-	-	-
138 (42)	Hook Block Self-Weight : lbs	5,950	4,850	4,850	-	-	-	-	-
	No. of Parts Line	2	2	2	-	-	-	-	-
157 (48)	Hook Block Self-Weight : lbs	9,040	5,950	4,850	-	-	-	-	-
	No. of Parts Line	2	2	2	-	-	-	-	-
177 (54)	Hook Block Self-Weight : lbs	9,040	4,850	4,850	-	-	-	-	-
	No. of Parts Line	2	2	2	-	-	-	-	-
197 (60)	Hook Block Self-Weight : lbs	9,040	5,950	4,850	-	-	-	-	-
	No. of Parts Line	2	2	2	-	-	-	-	-

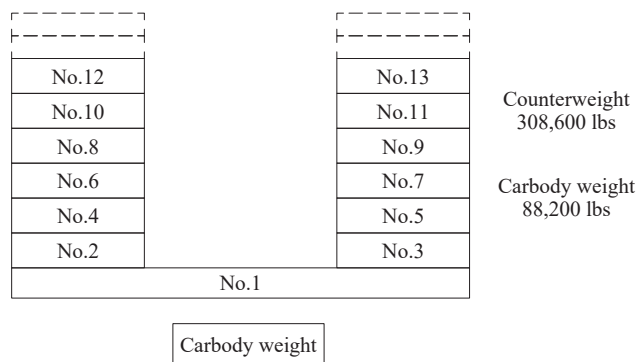
19. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

20. 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



NOTES

[illegible]

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

98 ft (30 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	68.2	260,200 b *	71.0	260,200 b *								
46.0	66.6	253,600 b *	69.4	253,800 b *								
48.0	65.0	243,200 b *	67.8	243,300 b *								
50.0	63.4	233,100 *	66.2	233,400 *								
55.0	59.2	206,400 *	62.2	212,200 *	66.5	212,200 *						
60.0	54.8	181,600 *	57.9	194,500 *	62.4	194,200 *						
65.0	50.1	162,000 *	53.5	179,400 *	58.2	177,200						
70.0	45.1	146,500 *	48.7	163,400 *	53.7	162,400						
75.0	39.6	129,600 *	43.6	147,000 *	49.0	149,100	57.1	144,500				
80.0	33.3	111,100 *	37.8	129,400 *	43.9	137,400	52.6	133,000				
85.0	25.6	91,900 *	31.2	108,400 *	38.2	127,300	47.8	123,100				
90.0			22.9	88,900 *	31.7	112,400 *	42.5	114,900	51.2	111,100		
95.0					23.5	93,900 *	36.7	107,500	46.3	104,000		
100.0									40.9	97,700	49.6	94,400
110.0									27.6	86,700	39.0	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) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	72.7	257,400 b *										
46.0	71.5	250,800 b *										
48.0	70.3	242,200 b *										
50.0	69.0	233,400 *	71.2	233,400 *								
55.0	65.8	210,200 *	68.1	212,200 *								
60.0	62.6	185,400 *	64.9	194,500 *	68.3	193,900 *						
65.0	59.2	165,400 *	61.6	178,700 *	65.1	176,200						
70.0	55.7	149,500 *	58.2	164,100	61.8	161,400						
75.0	52.1	136,000 *	54.7	150,900	58.5	148,200						
80.0	48.3	124,500 *	51.0	138,700	54.9	136,500	61.0	131,900				
85.0	44.2	114,700 *	47.1	126,600 *	51.2	126,200	57.6	122,000				
90.0	39.7	105,800 *	42.9	116,700 *	47.4	117,700	54.0	113,800				
95.0	34.8	94,100 *	38.4	105,400 *	43.2	110,200	50.3	106,400	56.6	102,700		
100.0			33.3	92,900 *	38.7	102,300	46.3	99,800	53.0	96,400		
110.0			19.8	67,000 *	27.8	83,000 *	37.5	88,700	45.2	85,600		
120.0							26.1	78,400	36.0	77,000	43.7	74,300
130.0											34.3	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												

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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

98 ft (30 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0	74.7	224,600 b *										
48.0	73.7	218,600 b *										
50.0	72.7	212,500 *										
55.0	70.1	200,600 *										
60.0	67.5	189,300 *	69.3	191,800 *								
65.0	64.8	168,400 *	66.7	178,700 *								
70.0	62.1	152,100 *	64.0	163,800 *	66.9	160,900						
75.0	59.3	138,300 *	61.3	150,300 *	64.2	147,400						
80.0	56.4	126,600 *	58.4	138,500 *	61.4	135,600						
85.0	53.4	116,700 *	55.5	128,200 *	58.6	125,600						
90.0	50.3	108,400 *	52.5	119,400 *	55.7	116,900	60.7	112,800				
95.0	47.0	101,100 *	49.3	111,000 *	52.7	109,300	57.9	105,400				
100.0	43.5	94,300 *	46.0	103,200 *	49.5	102,600	55.0	99,000				
110.0	35.8	80,000 *	38.7	89,400 *	42.7	91,200	48.7	87,900				
120.0	26.2	62,700 *	29.9	71,200 *	34.8	80,200	41.8	78,900	47.8	76,100		
130.0							33.8	71,400	40.7	68,800	46.7	66,100
140.0									32.5	62,500	39.4	60,100
150.0									21.4	57,300	30.9	55,100
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												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0	73.0	190,500 *										
60.0	70.8	184,700 *	72.4	193,100 *								
65.0	68.6	171,300 *	70.2	178,700 *								
70.0	66.4	154,500 *	68.0	163,400 *								
75.0	64.0	140,300 *	65.7	149,700 *	68.1	146,600						
80.0	61.7	128,400 *	63.4	137,800 *	65.8	134,800						
85.0	59.3	118,300 *	61.0	127,600 *	63.5	124,700						
90.0	56.8	109,900 *	58.6	118,700 *	61.2	116,200						
95.0	54.3	102,600 *	56.1	110,900 *	58.7	108,600	62.9	104,700				
100.0	51.7	96,100 *	53.5	104,100 *	56.3	102,000	60.6	98,100				
110.0	46.1	85,200 *	48.1	92,400 *	51.1	90,400	55.6	87,000				
120.0	39.9	75,000 *	42.2	82,300 *	45.4	81,200	50.4	78,200	54.9	75,200		
130.0	32.8	63,000 *	35.5	70,100 *	39.2	73,400	44.7	70,700	49.6	67,900		
140.0					31.9	65,200	38.3	64,200	43.8	61,600	48.7	59,200
150.0					22.6	52,100 *	30.9	58,900	37.3	56,400	42.8	54,000
160.0							21.2	51,200 *	29.7	52,000	36.1	49,900
170.0											28.2	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

98 ft (30 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	73.3	153,600 *										
65.0	71.4	149,900 *										
70.0	69.5	144,300 *										
75.0	67.5	137,700 *	70.8	150,100 *								
80.0	65.5	129,900 *	68.9	142,700 *								
85.0	63.5	119,800 *	66.9	135,200 *	69.0	134,300						
90.0	61.4	111,200 *	64.9	127,000	67.1	124,200						
95.0	59.3	103,700 *	62.9	118,300	65.1	115,700						
100.0	57.2	97,200 *	60.8	110,500	63.0	108,100						
110.0	52.7	86,100 *	58.7	103,700	61.0	101,300						
120.0	47.9	77,400 *	54.3	91,900	56.7	89,900						
130.0	42.8	69,500 *	49.7	82,600	52.2	80,800	56.1	77,600				
140.0	37.0	61,000 *	44.6	74,700	47.4	72,900	51.6	70,000	55.5	67,200		
150.0	30.3	50,100 *	39.1	66,700	42.1	66,200	46.7	63,600	50.9	61,000		
160.0	21.9	40,100 *	32.9	55,600 *	36.3	60,600	41.5	58,200	46.0	55,800		
170.0			25.2	45,200 *	29.5	52,200 *	35.5	53,600	40.6	51,300	45.1	49,000
180.0							28.6	49,600	34.6	47,500	39.7	45,300
190.0									27.4	44,100	33.5	42,100
200.0									17.7	41,000	26.0	39,100
210.0												
220.0												
230.0												
240.0												
250.0												

98 ft (30 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0	73.5	122,700 *										
70.0	71.8	116,900 *										
75.0	70.1	111,000 *	71.3	115,100 *								
80.0	68.4	105,600 *	69.6	109,300 *								
85.0	66.6	100,600 *	67.9	104,100 *								
90.0	64.9	96,200 *	66.1	99,400 *	68.0	104,400 *						
95.0	63.0	92,100 *	64.3	95,000 *	66.2	99,600 *						
100.0	61.2	88,400 *	62.5	91,000 *	64.4	95,300 *						
110.0	57.4	81,700 *	58.8	83,900 *	60.8	87,600 *						
120.0	53.5	75,500 *	54.9	77,700 *	57.0	80,000	60.3	77,400				
130.0	49.3	69,500 *	50.8	71,600 *	53.0	72,700	56.5	69,800				
140.0	44.9	63,600 *	46.5	65,600 *	48.8	66,000	52.5	63,300	55.9	60,700		
150.0	40.0	58,400 *	41.8	60,400 *	44.3	60,400	48.3	57,800	51.9	55,300		
160.0	34.6	49,700 *	36.6	53,500 *	39.4	55,600	43.7	53,300	47.6	50,900	51.2	48,800
170.0	28.3	41,200 *	30.7	45,700 *	34.0	50,200	38.8	49,200	43.1	47,000	46.9	45,000
180.0					27.5	43,600	33.2	45,600	38.0	43,600	42.2	41,600
190.0					19.2	35,000 *	26.6	42,400	32.3	40,400	37.1	38,600
200.0									25.6	37,800	31.3	36,100
210.0											24.2	33,700
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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

98 ft (30 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	72.2	87,800 *										
80.0	70.6	84,900 *	71.7	88,100 *								
85.0	69.1	80,900 *	70.2	83,800 *								
90.0	67.5	77,200 *	68.6	79,900 *								
95.0	65.9	73,800 *	67.1	76,200 *	68.7	80,100 *						
100.0	64.3	70,700 *	65.5	72,900 *	67.2	76,500 *						
110.0	61.0	65,000 *	62.2	67,000 *	64.0	70,000 *						
120.0	57.6	60,300 *	58.9	62,000 *	60.7	64,600 *						
130.0	54.1	56,000 *	55.4	57,500 *	57.2	59,800 *	60.2	63,900 *				
140.0	50.4	52,100 *	51.7	53,400 *	53.7	55,600 *	56.8	59,200 *				
150.0	46.5	48,800 *	47.9	50,100 *	50.0	51,900 *	53.2	55,000 *				
160.0	42.3	44,800 *	43.8	46,300 *	46.0	48,200 *	49.5	51,400 *	52.7	50,700		
170.0	37.7	41,200 *	39.4	42,600 *	41.8	44,500 *	45.5	47,700 *	48.9	46,700	52.1	44,600
180.0	32.6	37,700 *	34.5	39,200 *	37.2	40,900 *	41.2	43,900 *	44.9	43,100	48.3	41,200
190.0	26.6	34,000 *	28.9	36,200 *	32.0	37,700 *	36.5	40,400 *	40.6	39,900	44.2	38,200
200.0	18.9	27,500 *	22.0	30,600 *	25.9	34,900 *	31.3	37,400 *	35.8	37,200	39.8	35,500
210.0							25.0	34,700 *	30.4	34,800	35.0	33,100
220.0									24.0	32,500	29.4	31,000
230.0												
240.0												
250.0												

98 ft (30 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	73.9	71,600 *										
80.0	72.5	67,800 *										
85.0	71.1	64,300 *										
90.0	69.7	61,100 *	70.7	63,400 *								
95.0	68.2	58,200 *	69.3	60,300 *								
100.0	66.8	55,600 *	67.8	57,600 *	69.3	60,600 *						
110.0	63.9	50,700 *	64.9	52,300 *	66.5	55,000 *						
120.0	60.9	46,600 *	62.0	48,000 *	63.6	50,300 *						
130.0	57.8	42,900 *	58.9	44,200 *	60.5	46,300 *	63.2	49,900 *				
140.0	54.6	39,700 *	55.8	41,000 *	57.4	42,700 *	60.2	45,700 *				
150.0	51.3	36,800 *	52.5	37,900 *	54.2	39,500 *	57.1	42,200 *				
160.0	47.8	34,400 *	49.0	35,400 *	50.9	36,800 *	53.8	39,100 *	56.6	41,900 *		
170.0	44.1	32,100 *	45.4	33,000 *	47.4	34,300 *	50.5	36,400 *	53.3	38,800 *		
180.0	40.1	29,600 *	41.5	30,700 *	43.6	31,900 *	46.9	33,900 *	50.0	36,100 *	52.8	38,200 *
190.0	35.7	26,900 *	37.3	27,800 *	39.6	29,300 *	43.1	31,800 *	46.4	33,500 *	49.4	35,500 *
200.0	30.9	24,600 *	32.7	25,400 *	35.2	26,700 *	39.1	29,100 *	42.6	31,300 *	45.8	33,200 *
210.0	25.1	22,300 *	27.3	23,200 *	30.3	24,300 *	34.6	26,500 *	38.5	28,700 *	41.9	30,700 *
220.0					24.4	22,100 *	29.6	24,100 *	33.9	26,000 *	37.7	28,200 *
230.0									28.8	23,700 *	33.1	25,700 *
240.0									22.6	21,800 *	27.8	23,500 *
250.0											21.4	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

118 ft (36 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	68.7	260,200 b *										
46.0	67.1	253,600 b *	70.5	253,600 b *								
48.0	65.5	243,200 b *	68.9	243,200 b *								
50.0	63.9	233,400 b *	67.3	233,400 b *								
55.0	59.8	209,500 *	63.3	212,200 *								
60.0	55.4	184,500 *	59.1	194,400 *	64.4	192,400 *						
65.0	50.8	164,300 *	54.7	177,900 *	60.3	174,800						
70.0	45.8	148,400 *	50.0	163,400	55.9	160,400						
75.0	40.4	134,600 *	45.0	149,900	51.3	147,500	60.6	141,900				
80.0	34.2	120,100 *	39.5	136,200 *	46.4	136,100	56.3	130,700				
85.0	26.8	99,900 *	33.2	119,800 *	41.0	126,000	51.7	120,900				
90.0			25.5	99,800 *	35.0	117,500	46.9	112,700				
95.0					27.7	105,300	41.5	105,400	52.0	101,100		
100.0									47.1	94,800		
110.0									35.8	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												

118 ft (36 m) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	73.2	259,500 b *										
46.0	71.9	252,700 b *										
48.0	70.7	242,900 b *										
50.0	69.4	233,400 b *	72.1	227,400 b *								
55.0	66.3	212,200 *	69.0	212,200 *								
60.0	63.0	188,600 *	65.8	194,200 *								
65.0	59.7	167,900 *	62.5	177,100	66.7	173,700						
70.0	56.2	151,500 *	59.2	162,500	63.4	159,300						
75.0	52.6	137,700 *	55.7	149,700	60.1	146,400						
80.0	48.8	126,000 *	52.0	138,500	56.6	135,000	63.7	129,400				
85.0	44.7	116,100 *	48.2	128,200	53.0	124,900	60.4	119,800				
90.0	40.4	107,700 *	44.1	118,900 *	49.3	116,400	57.0	111,600				
95.0	35.5	99,300 *	39.7	110,100 *	45.2	108,800	53.4	104,300				
100.0			34.7	100,300 *	40.9	102,200	49.6	97,900	57.1	93,500		
110.0			22.1	75,300 *	30.7	91,000	41.3	87,000	49.8	83,100		
120.0							31.2	78,200	41.5	74,700		
130.0									31.5	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												

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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

118 ft (36 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0	73.0	208,300 *										
55.0	70.4	200,600 *										
60.0	67.8	192,400 *	70.0	193,900 *								
65.0	65.2	170,900 *	67.4	177,100								
70.0	62.4	154,200 *	64.8	162,500								
75.0	59.7	140,000 *	62.0	149,300	65.5	145,700						
80.0	56.8	127,900 *	59.2	137,600	62.8	134,100						
85.0	53.8	117,800 *	56.3	127,300	60.0	124,000						
90.0	50.7	109,500 *	53.3	118,700	57.1	115,500						
95.0	47.5	102,100 *	50.2	110,900	54.2	108,000	60.2	103,300				
100.0	44.0	95,700 *	47.0	104,100	51.1	101,400	57.4	97,000				
110.0	36.4	84,800 *	39.8	91,800 *	44.4	90,100	51.4	86,100				
120.0	26.9	68,000 *	31.3	77,000 *	36.9	81,000	44.8	77,300	51.5	73,600		
130.0					27.6	69,600	37.2	69,900	44.9	66,400	51.4	63,300
140.0									37.4	60,300	44.9	57,500
150.0									28.3	55,300	37.4	52,600
160.0											28.2	48,500
170.0												
180.0												
190.0												
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												

118 ft (36 m) Boom												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0	73.3	197,500 *										
60.0	71.1	187,500 *										
65.0	68.9	173,600 *	70.8	176,000								
70.0	66.7	156,700 *	68.6	161,400								
75.0	64.4	142,100 *	66.3	148,400								
80.0	62.0	129,900 *	64.0	136,900	66.9	133,400						
85.0	59.6	119,600 *	61.7	126,700	64.6	123,400						
90.0	57.2	110,900 *	59.3	118,000	62.3	114,900						
95.0	54.6	103,400 *	56.8	110,300	59.9	107,300						
100.0	52.0	97,000 *	54.3	103,500	57.5	100,700	62.5	96,100				
110.0	46.5	85,900 *	48.9	91,700	52.3	89,200	57.7	85,200				
120.0	40.4	77,100 *	43.0	82,400	46.8	80,100	52.6	76,400				
130.0	33.3	66,800 *	36.5	73,100	40.7	72,300	47.1	69,000	52.7	65,600		
140.0			28.6	62,400 *	33.8	65,500	41.0	62,700	47.2	59,500	52.7	56,400
150.0			17.7	47,400 *	25.1	59,000	34.1	57,300	41.2	54,400	47.2	51,500
160.0							25.6	52,900	34.3	50,100	41.1	47,400
170.0									25.8	46,300	34.2	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

118 ft (36 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	73.6	160,100 *										
65.0	71.7	152,400 *										
70.0	69.7	144,900 *										
75.0	67.8	137,700 *	69.4	143,800 *								
80.0	65.8	130,200 *	67.5	136,100 *								
85.0	63.8	121,100 *	65.5	126,800 *								
90.0	61.7	112,300 *	63.5	118,200 *	66.0	115,000 *						
95.0	59.6	104,700 *	61.4	110,400 *	64.0	107,400 *						
100.0	57.5	98,000 *	59.3	103,500 *	62.0	100,700 *						
110.0	53.0	86,800 *	54.9	91,900 *	57.7	89,200 *						
120.0	48.3	77,900 *	50.3	82,500 *	53.3	80,100 *	57.9	76,400 *				
130.0	43.1	70,500 *	45.4	74,500 *	48.5	72,300 *	53.5	68,900 *				
140.0	37.4	63,600 *	39.9	67,700 *	43.4	65,700 *	48.8	62,500 *	53.6	59,400 *		
150.0	30.8	55,200 *	33.8	62,000 *	37.8	60,200 *	43.7	57,100 *	48.9	54,200 *		
160.0	22.6	44,300 *	26.4	50,900 *	31.3	55,400 *	38.0	52,600 *	43.8	49,900 *	48.8	47,200 *
170.0							31.6	48,700 *	38.2	46,100 *	43.8	43,600 *
180.0									31.7	42,700 *	38.1	40,400 *
190.0									23.8	39,700 *	31.7	37,500 *
200.0											23.7	35,000 *
210.0												
220.0												
230.0												
240.0												
250.0												

118 ft (36 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0	73.8	123,900 *										
70.0	72.1	117,600 *										
75.0	70.4	111,600 *	71.8	116,600 *								
80.0	68.6	106,000 *	70.1	110,600 *								
85.0	66.9	101,000 *	68.4	105,200 *								
90.0	65.1	96,600 *	66.6	100,500 *								
95.0	63.3	92,400 *	64.8	96,000 *	67.1	101,700 *						
100.0	61.5	88,600 *	63.0	91,800 *	65.3	97,100 *						
110.0	57.7	81,900 *	59.3	84,600 *	61.7	88,400 *						
120.0	53.8	75,700 *	55.4	78,400 *	57.9	79,600 *	61.8	75,700 *				
130.0	49.6	69,700 *	51.4	72,300 *	54.0	71,900 *	58.1	68,200 *				
140.0	45.2	63,800 *	47.1	66,200 *	49.9	65,300 *	54.2	61,800 *	58.2	58,800 *		
150.0	40.4	58,600 *	42.5	60,800 *	45.4	59,600 *	50.0	56,400 *	54.3	53,600 *		
160.0	35.0	53,100 *	37.4	56,100 *	40.7	54,900 *	45.6	52,000 *	50.1	49,300 *		
170.0	28.8	45,600 *	31.6	49,700 *	35.3	50,700 *	40.9	48,000 *	45.7	45,400 *	50.1	42,800 *
180.0					29.2	46,200 *	35.6	44,500 *	41.0	41,900 *	45.7	39,500 *
190.0					21.5	40,500 *	29.5	41,300 *	35.7	38,800 *	41.0	36,600 *
200.0							21.9	38,600 *	29.6	36,300 *	35.7	34,100 *
210.0									22.1	34,000 *	29.6	31,900 *
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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

118 ft (36 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	72.4	89,400 *										
80.0	70.9	85,500 *	72.2	89,200 *								
85.0	69.3	81,300 *	70.6	84,900 *								
90.0	67.7	77,600 *	69.1	80,800 *								
95.0	66.2	74,100 *	67.5	77,100 *								
100.0	64.5	70,900 *	65.9	73,700 *	67.9	78,000 *						
110.0	61.3	65,200 *	62.7	67,700 *	64.7	71,300 *						
120.0	57.9	60,300 *	59.3	62,500 *	61.5	65,700 *						
130.0	54.3	56,100 *	55.9	57,900 *	58.1	60,700 *	61.6	66,000 *				
140.0	50.7	52,300 *	52.2	53,800 *	54.6	56,200 *	58.2	60,900 *				
150.0	46.8	48,800 *	48.4	50,300 *	50.9	52,500 *	54.7	56,200 *				
160.0	42.6	44,900 *	44.4	46,500 *	47.0	48,800 *	51.0	51,600 *	54.8	48,800 *		
170.0	38.0	41,300 *	40.0	42,800 *	42.8	45,100 *	47.2	47,600 *	51.1	44,900 *		
180.0	33.0	37,900 *	35.2	39,400 *	38.3	41,500 *	43.0	44,000 *	47.3	41,400 *	51.1	39,000 *
190.0	27.1	35,100 *	29.7	36,200 *	33.3	38,200 *	38.5	40,800 *	43.1	38,400 *	47.2	36,200 *
200.0	19.6	29,800 *	23.0	33,300 *	27.4	35,300 *	33.5	38,100 *	38.6	35,900 *	43.1	33,700 *
210.0							27.7	35,400 *	33.6	33,500 *	38.6	31,400 *
220.0									27.9	31,200 *	33.6	29,300 *
230.0											27.8	27,500 *
240.0											20.6	25,800 *
250.0												

118 ft (36 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	74.0	72,000 *										
80.0	72.7	68,100 *										
85.0	71.3	64,500 *										
90.0	69.9	61,500 *	71.1	64,100 *								
95.0	68.4	58,600 *	69.6	60,900 *								
100.0	67.0	55,800 *	68.2	58,000 *								
110.0	64.1	51,000 *	65.3	53,000 *								
120.0	61.1	46,800 *	62.4	48,500 *	64.3	51,300 *						
130.0	58.0	43,100 *	59.3	44,600 *	61.3	47,100 *						
140.0	54.8	39,900 *	56.2	41,200 *	58.2	43,300 *	61.4	47,200 *				
150.0	51.5	37,000 *	52.9	38,100 *	55.0	39,900 *	58.3	43,500 *				
160.0	48.0	34,500 *	49.5	35,600 *	51.7	37,200 *	55.2	40,300 *				
170.0	44.3	32,100 *	45.9	33,200 *	48.2	34,600 *	51.9	37,400 *	55.2	40,300 *		
180.0	40.4	29,600 *	42.1	30,700 *	44.5	32,100 *	48.4	34,800 *	51.9	37,400 *		
190.0	36.0	26,900 *	37.9	28,000 *	40.6	29,800 *	44.7	32,400 *	48.5	34,900 *		
200.0	31.2	24,600 *	33.3	25,500 *	36.3	27,100 *	40.8	29,900 *	44.8	32,500 *	48.4	32,300 *
210.0	25.6	21,300 *	28.1	23,300 *	31.5	24,600 *	36.5	27,300 *	40.9	29,900 *	44.8	30,000 *
220.0					25.9	22,400 *	31.7	24,800 *	36.6	27,300 *	40.8	28,000 *
230.0							26.2	22,600 *	31.9	24,800 *	36.6	26,100 *
240.0							19.2	20,400 *	26.3	22,800 *	31.8	24,400 *
250.0											26.3	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 84 to 86.

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LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

137 ft (42 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	69.3	260,200 b *										
46.0	67.7	253,600 b *	71.6	253,600 b *								
48.0	66.1	243,200 b *	70.0	243,200 b *								
50.0	64.5	233,400 b *	68.4	233,400 b *								
55.0	60.3	212,200 *	64.4	212,200 *								
60.0	56.0	187,700 *	60.3	193,900 *	66.3	189,400 *						
65.0	51.4	166,800 *	55.9	176,200	62.3	172,100						
70.0	46.5	150,600 *	51.4	161,700	58.0	157,900						
75.0	41.1	136,700 *	46.4	149,100	53.6	145,500						
80.0	35.1	122,600 *	41.1	137,700	48.8	134,500	59.9	127,900				
85.0	27.9	103,800 *	35.0	126,900 *	43.7	124,500	55.5	118,500				
90.0			27.8	106,900 *	38.0	116,100	50.9	110,300				
95.0					31.4	108,600	45.9	103,100	57.2	97,800		
100.0							40.5	96,800	52.7	91,800		
110.0							27.0	86,100	42.6	81,600		
120.0									30.0	73,300	44.3	69,300
130.0											32.2	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												

137 ft (42 m) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	73.6	260,200 b *										
46.0	72.4	253,600 b *										
48.0	71.1	243,200 b *										
50.0	69.9	233,400 b *										
55.0	66.7	212,200 *	69.8	212,200 *								
60.0	63.5	191,900 *	66.7	192,800 *								
65.0	60.2	170,400 *	63.4	175,300	68.2	170,900						
70.0	56.7	153,700 *	60.1	160,700	65.0	156,700						
75.0	53.1	139,400 *	56.7	148,000	61.7	144,400						
80.0	49.3	127,400 *	53.1	137,000	58.3	133,500						
85.0	45.3	117,200 *	49.3	127,300	54.8	123,600						
90.0	41.0	108,800 *	45.3	118,700	51.1	115,100	59.8	109,200				
95.0	36.2	101,300 *	40.9	110,900	47.2	107,500	56.3	102,000				
100.0			36.2	102,700	43.0	100,900	52.7	95,700				
110.0			24.2	82,100 *	33.4	89,700	44.8	84,900				
120.0							35.7	76,300	46.4	72,000		
130.0									37.5	65,000	47.7	61,200
140.0											39.0	55,600
150.0											28.2	50,900
160.0												
170.0												
180.0												
190.0												
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.

Refer to notes on 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

137 ft (42 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0	73.4	208,300 b *										
55.0	70.8	200,600 *										
60.0	68.2	193,400 *	70.8	193,000 *								
65.0	65.5	173,600 *	68.2	175,300								
70.0	62.8	156,400 *	65.5	160,700								
75.0	60.0	141,900 *	62.8	148,000	66.8	143,900						
80.0	57.2	129,600 *	60.0	136,700	64.1	132,400						
85.0	54.2	119,200 *	57.1	126,500	61.3	122,500						
90.0	51.1	110,700 *	54.2	117,800	58.5	114,100						
95.0	47.9	103,100 *	51.1	110,100	55.6	106,600	62.5	100,900				
100.0	44.5	96,500 *	47.9	103,300	52.6	100,000	59.7	94,600				
110.0	37.0	85,400 *	40.8	91,700	46.1	88,800	53.9	83,800				
120.0	27.7	71,100 *	32.6	81,200 *	38.8	79,800	47.5	75,200	55.0	70,900		
130.0					30.0	72,200	40.5	68,000	48.8	64,000		
140.0							32.1	61,900	41.9	58,100	49.8	54,500
150.0							20.9	56,600	33.8	53,100	43.0	49,800
160.0									23.4	49,000	35.2	45,800
170.0												
180.0												
190.0												
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												

137 ft (42 m) Boom												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0	73.6	198,000 *										
60.0	71.4	188,400 *										
65.0	69.2	175,900 *	71.4	174,200								
70.0	67.0	158,900 *	69.2	159,600								
75.0	64.7	143,900 *	66.9	146,800								
80.0	62.4	131,300 *	64.7	135,700	68.0	131,700						
85.0	60.0	120,700 *	62.3	125,800	65.7	121,800						
90.0	57.5	112,100 *	59.9	117,300	63.4	113,500						
95.0	55.0	104,400 *	57.5	109,600	61.1	106,000						
100.0	52.4	97,800 *	55.0	102,800	58.6	99,400						
110.0	46.9	86,600 *	49.7	91,100	53.6	88,100						
120.0	40.8	77,700 *	43.9	81,700	48.2	79,000	54.7	74,600				
130.0	33.8	68,900 *	37.4	73,900	42.3	71,300	49.4	67,200	55.7	63,100		
140.0			29.8	65,500	35.5	64,900	43.6	61,000	50.4	57,300		
150.0			19.5	51,900 *	27.4	59,300	37.1	55,800	44.7	52,200		
160.0							29.3	51,300	38.4	48,100	45.6	44,800
170.0									30.9	44,500	39.4	41,300
180.0											32.2	38,200
190.0											23.0	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.

Refer to notes on 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

137 ft (42 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	73.8	160,700 *										
65.0	71.9	153,000 *										
70.0	70.0	145,400 *										
75.0	68.0	138,300 *	70.0	145,000 *								
80.0	66.1	130,900 *	68.0	136,300								
85.0	64.0	122,400 *	66.0	126,000								
90.0	62.0	113,500 *	64.0	117,300	67.0	113,500						
95.0	59.9	105,600 *	62.0	109,600	65.0	106,000						
100.0	57.8	98,900 *	59.9	102,800	62.9	99,400						
110.0	53.3	87,500 *	55.5	91,300	58.8	88,100						
120.0	48.6	78,500 *	51.0	81,900	54.4	79,100	59.7	74,600				
130.0	43.5	71,000 *	46.1	74,000	49.7	71,500	55.3	67,200				
140.0	37.8	64,600 *	40.7	67,300	44.7	64,900	50.7	60,900	56.2	57,000		
150.0	31.3	59,100 *	34.7	61,500	39.2	59,300	45.8	55,600	51.6	52,000		
160.0	23.2	47,800 *	27.5	53,700 *	32.9	54,700	40.4	51,300	46.8	47,900		
170.0					25.3	49,600	34.4	47,400	41.5	44,100	47.5	41,200
180.0							27.1	43,800	35.6	40,800	42.3	38,000
190.0							17.2	40,800	28.6	38,000	36.5	35,300
200.0									19.5	35,400	29.8	32,900
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												

137 ft (42 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0	74.0	124,900 *										
70.0	72.3	118,300 *										
75.0	70.6	112,200 *										
80.0	68.9	106,700 *	70.6	112,100 *								
85.0	67.1	101,700 *	68.8	106,500 *								
90.0	65.3	97,100 *	67.1	101,600 *								
95.0	63.5	92,900 *	65.3	97,100 *	67.9	103,900 *						
100.0	61.7	89,000 *	63.5	92,900 *	66.2	98,700 *						
110.0	58.0	82,100 *	59.8	85,500 *	62.6	87,600						
120.0	54.0	75,800 *	56.0	79,300 *	58.8	78,500						
130.0	49.9	69,700 *	52.0	73,000 *	54.9	70,800	59.6	66,600				
140.0	45.5	63,900 *	47.7	66,600 *	50.9	64,200	55.8	60,300				
150.0	40.7	58,800 *	43.1	60,900	46.5	58,700	51.8	55,100				
160.0	35.4	54,400 *	38.1	56,100	41.8	54,000	47.5	50,700	52.5	47,200		
170.0	29.3	47,800 *	32.4	51,600	36.7	49,900	42.9	46,700	48.3	43,500		
180.0			25.6	45,600	30.8	46,200	37.8	43,200	43.8	40,100	49.0	37,300
190.0			16.4	35,700 *	23.6	43,000	32.1	40,200	38.8	37,300	44.5	34,400
200.0							25.3	37,500	33.3	34,800	39.6	32,100
210.0									26.7	32,500	34.2	29,900
220.0											27.8	28,000
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.

Refer to notes on 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

137 ft (42 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	72.6	90,600 *										
80.0	71.1	86,000 *	72.6	90,500 *								
85.0	69.5	81,800 *	71.1	85,800 *								
90.0	68.0	77,900 *	69.5	81,700 *								
95.0	66.4	74,400 *	67.9	77,900 *								
100.0	64.8	71,300 *	66.4	74,400 *	68.7	79,700 *						
110.0	61.5	65,500 *	63.1	68,200 *	65.5	72,700 *						
120.0	58.1	60,600 *	59.8	62,900 *	62.3	66,800 *						
130.0	54.6	56,200 *	56.3	58,300 *	58.9	61,600 *	63.0	66,200				
140.0	50.9	52,300 *	52.8	54,300 *	55.4	57,100 *	59.6	60,100				
150.0	47.0	49,000 *	49.0	50,600 *	51.8	53,200 *	56.2	54,700				
160.0	42.9	45,000 *	45.0	46,700 *	47.9	49,700 *	52.6	50,200	56.8	46,800		
170.0	38.4	41,300 *	40.6	43,000 *	43.9	45,900 *	48.8	46,200	53.3	43,000		
180.0	33.3	37,900 *	35.9	39,600 *	39.4	42,200 *	44.8	42,700	49.5	39,700	53.8	36,800
190.0	27.5	35,100 *	30.5	36,400 *	34.5	38,600 *	40.4	39,700	45.5	36,800	50.1	34,000
200.0	20.2	31,400 *	24.1	33,900 *	28.9	35,800 *	35.6	37,000	41.3	34,300	46.2	31,600
210.0					22.1	33,200 *	30.2	34,600	36.6	32,000	41.9	29,400
220.0							23.7	32,300	31.3	29,900	37.3	27,400
230.0											32.2	25,700
240.0											26.1	24,000
250.0												
260.0												

137 ft (42 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0												
80.0	72.9	67,600 *										
85.0	71.5	64,900 *										
90.0	70.1	61,800 *	71.4	64,600 *								
95.0	68.6	58,800 *	70.0	61,700 *								
100.0	67.2	56,100 *	68.6	58,700 *								
110.0	64.3	51,200 *	65.7	53,400 *								
120.0	61.3	47,000 *	62.8	48,900 *	65.0	52,300 *						
130.0	58.2	43,300 *	59.8	44,900 *	62.0	47,800 *						
140.0	55.0	39,900 *	56.6	41,400 *	58.9	44,000 *	62.6	48,700 *				
150.0	51.7	37,000 *	53.4	38,400 *	55.8	40,600 *	59.6	44,800 *				
160.0	48.3	34,500 *	50.0	35,600 *	52.5	37,700 *	56.5	41,400 *				
170.0	44.6	32,100 *	46.4	33,300 *	49.1	35,000 *	53.2	38,400 *	57.1	41,700		
180.0	40.6	29,600 *	42.6	30,900 *	45.4	32,600 *	49.8	35,600 *	53.8	38,400		
190.0	36.4	26,900 *	38.5	28,200 *	41.6	30,200 *	46.2	33,100 *	50.5	35,500		
200.0	31.6	23,900 *	34.0	25,700 *	37.4	27,500 *	42.4	30,700 *	46.9	33,000	51.0	30,300
210.0	26.0	20,000 *	28.9	22,900 *	32.7	25,100 *	38.3	28,200 *	43.2	30,700	47.5	28,100
220.0					27.4	22,800 *	33.8	25,600 *	39.1	28,500	43.8	26,000
230.0							28.6	23,200 *	34.7	26,100 *	39.8	24,400
240.0							22.3	21,200 *	29.6	23,800 *	35.4	22,700
250.0									23.6	21,600 *	30.5	21,200
260.0											24.7	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 84 to 86.

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LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

157 ft (48 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	69.8	260,200 b *										
46.0	68.2	253,600 b *	72.6	253,600 b *								
48.0	66.6	243,200 b *	71.1	243,200 b *								
50.0	65.0	233,400 b *	69.5	233,400 b *								
55.0	60.9	212,200 b *	65.5	212,200 b *								
60.0	56.6	191,100 *	61.4	191,800 *	68.2	186,600						
65.0	52.1	169,500 *	57.2	174,400	64.2	169,500						
70.0	47.2	152,800 *	52.6	160,000	60.1	155,400						
75.0	41.9	138,500 *	47.8	147,400	55.7	143,200						
80.0	36.0	124,600 *	42.6	136,400	51.1	132,500	63.3	125,000				
85.0	29.0	107,300 *	36.8	126,900	46.2	122,900	59.1	115,600				
90.0			29.9	111,300 *	40.8	114,600	54.7	107,800				
95.0					34.7	107,200	50.0	100,800				
100.0							45.0	94,600	57.8	88,600		
110.0							33.1	84,000	48.6	78,600		
120.0									37.7	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												

157 ft (48 m) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	74.0	260,200 b *										
46.0	72.8	253,600 b *										
48.0	71.5	243,200 b *										
50.0	70.3	233,400 b *										
55.0	67.2	212,200 b *	70.7	211,400 b *								
60.0	63.9	193,600 *	67.6	190,800 *								
65.0	60.6	173,100 *	64.3	173,300								
70.0	57.2	155,900 *	61.0	159,000	66.5	154,200						
75.0	53.6	141,200 *	57.6	146,400	63.3	142,100						
80.0	49.9	128,900 *	54.1	135,400	60.0	131,400						
85.0	45.9	118,500 *	50.3	126,000	56.5	121,800						
90.0	41.6	110,000 *	46.4	117,700	52.9	113,500						
95.0	36.9	102,300 *	42.2	110,100	49.1	106,100	59.2	99,500				
100.0			37.5	102,600	45.1	99,600	55.7	93,300				
110.0			26.2	86,800 *	35.9	88,300	48.2	82,700				
120.0					23.9	78,100	39.6	74,300	50.9	69,300		
130.0							29.1	67,100	42.8	62,400		
140.0									33.2	56,700	45.5	52,500
150.0									19.6	52,000	36.5	48,000
160.0											24.7	44,200
170.0												
180.0												
190.0												
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.

Refer to notes on 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

157 ft (48 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0	73.7	208,300 b *										
55.0	71.1	200,600 *										
60.0	68.6	193,800 *	71.5	190,900 *								
65.0	65.9	176,000 *	68.9	173,300								
70.0	63.2	158,700 *	66.2	159,000								
75.0	60.4	143,700 *	63.5	146,400	68.0	141,700						
80.0	57.6	131,100 *	60.8	135,300	65.4	130,700						
85.0	54.6	120,500 *	57.9	125,500	62.7	120,900						
90.0	51.6	111,700 *	55.0	116,900	59.9	112,600						
95.0	48.4	104,000 *	52.0	109,300	57.0	105,200						
100.0	45.0	97,400 *	48.8	102,600	54.0	98,700	62.0	92,200				
110.0	37.5	86,100 *	41.9	91,000	47.7	87,500	56.3	81,600				
120.0	28.4	73,700 *	33.8	81,700	40.7	78,500	50.2	73,200				
130.0					32.3	71,000	43.5	66,100	52.4	61,400		
140.0							35.7	60,100	45.9	55,800		
150.0							26.1	54,900	38.6	50,900		
160.0									29.8	46,800	41.1	43,100
170.0											32.8	39,800
180.0												
190.0												
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												

157 ft (48 m) Boom												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	71.7	178,900 *										
65.0	69.5	173,700 *										
70.0	67.3	160,100 *	69.8	158,900								
75.0	65.0	145,900 *	67.6	146,200								
80.0	62.7	133,000 *	65.3	135,100	69.1	130,600						
85.0	60.3	122,100 *	63.0	125,500	66.8	120,700						
90.0	57.9	113,200 *	60.6	116,900	64.5	112,400						
95.0	55.3	105,400 *	58.2	109,200	62.2	105,000						
100.0	52.8	98,700 *	55.7	102,400	59.8	98,500						
110.0	47.3	87,300 *	50.4	90,800	54.8	87,200						
120.0	41.2	78,200 *	44.7	81,500	49.5	78,200	56.8	72,900				
130.0	34.4	70,700 *	38.4	73,700	43.7	70,700	51.6	65,800				
140.0			30.9	66,100	37.3	64,200	46.0	59,600	53.5	55,300		
150.0			21.2	56,000 *	29.6	58,900	39.8	54,400	48.1	50,400		
160.0							32.7	50,100	42.1	46,300	49.8	42,700
170.0									35.4	42,700	44.1	39,300
180.0											37.6	36,200
190.0											30.0	33,500
200.0											19.9	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.

Refer to notes on 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

157 ft (48 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	74.1	152,800 *										
65.0	72.2	149,400 *										
70.0	70.3	144,900 *										
75.0	68.3	138,800 *	70.5	143,400 *								
80.0	66.3	131,600 *	68.6	135,200								
85.0	64.3	123,700 *	66.6	125,100								
90.0	62.3	114,700 *	64.6	116,600	67.9	112,100						
95.0	60.2	106,600 *	62.5	109,000	65.9	104,700						
100.0	58.1	99,800 *	60.5	102,200	63.9	98,100						
110.0	53.6	88,200 *	56.1	90,600	59.8	87,000						
120.0	48.9	79,100 *	51.6	81,300	55.4	78,000	61.4	72,500				
130.0	43.9	71,500 *	46.8	73,400	50.9	70,400	57.1	65,300				
140.0	38.3	65,100 *	41.5	66,600	45.9	63,800	52.6	59,200	58.7	54,700		
150.0	31.8	59,700 *	35.6	60,900	40.6	58,400	47.9	54,000	54.3	50,000		
160.0	23.9	49,600 *	28.6	56,100	34.5	53,800	42.7	49,700	49.6	45,900		
170.0					27.3	49,700	36.9	45,900	44.6	42,300	51.1	38,600
180.0							30.3	42,500	39.1	39,000	46.2	35,600
190.0							21.8	39,500	32.8	36,200	40.9	33,100
200.0									25.1	33,800	34.9	30,700
210.0											27.8	28,700
220.0												
230.0												
240.0												
250.0												
260.0												

157 ft (48 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0	72.5	119,000 *										
75.0	70.8	112,800 *										
80.0	69.1	107,100 *	71.0	113,600 *								
85.0	67.4	102,100 *	69.3	107,900 *								
90.0	65.6	97,500 *	67.6	102,800 *								
95.0	63.8	93,200 *	65.8	98,100 *	68.8	104,100						
100.0	62.0	89,300 *	64.0	93,800 *	67.0	97,600						
110.0	58.2	82,400 *	60.3	86,200 *	63.4	86,300						
120.0	54.3	76,000 *	56.5	79,700	59.7	77,400						
130.0	50.2	69,900 *	52.5	72,900	55.9	69,800	61.2	64,700				
140.0	45.8	64,100 *	48.3	66,200	51.9	63,300	57.4	58,600				
150.0	41.0	58,900 *	43.8	60,400	47.6	57,800	53.4	53,500				
160.0	35.8	54,400 *	38.8	55,600	43.0	53,200	49.3	49,100	54.9	45,200		
170.0	29.7	48,900 *	33.3	51,400	38.0	49,100	44.8	45,200	50.8	41,600		
180.0			26.7	46,400	32.3	45,500	40.0	41,900	46.4	38,400	52.1	34,900
190.0			18.0	38,500 *	25.5	42,200	34.6	38,800	41.7	35,500	47.8	32,200
200.0							28.3	36,100	36.6	33,000	43.3	30,000
210.0									30.6	30,800	38.3	27,900
220.0											32.6	26,000
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.

Refer to notes on 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

157 ft (48 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	72.8	90,400 *										
80.0	71.3	86,400 *										
85.0	69.7	82,200 *										
90.0	68.2	78,300 *	69.9	82,600 *								
95.0	66.6	74,800 *	68.4	78,800 *								
100.0	65.0	71,600 *	66.8	75,200 *	69.4	81,500 *						
110.0	61.7	65,700 *	63.6	68,800 *	66.3	74,300 *						
120.0	58.3	60,800 *	60.3	63,500 *	63.0	68,200 *						
130.0	54.8	56,400 *	56.8	58,800 *	59.7	62,800 *						
140.0	51.2	52,500 *	53.3	54,700 *	56.3	58,100 *	61.0	58,300				
150.0	47.3	49,000 *	49.5	51,000 *	52.7	53,900 *	57.6	53,100				
160.0	43.2	45,000 *	45.5	47,100 *	48.9	50,500 *	54.1	48,800				
170.0	38.7	41,300 *	41.3	43,400 *	44.9	46,700 *	50.4	44,900	55.3	41,200		
180.0	33.7	37,900 *	36.6	39,800 *	40.5	42,800 *	46.4	41,400	51.7	37,900		
190.0	27.9	35,100 *	31.3	36,600 *	35.8	39,300 *	42.2	38,400	47.9	35,100		
200.0	20.8	31,700 *	25.0	33,900 *	30.4	36,300 *	37.7	35,700	43.8	32,600	49.1	29,600
210.0					23.9	33,700 *	32.5	33,300	39.3	30,400	45.1	27,500
220.0							26.6	31,200	34.4	28,400	40.8	25,500
230.0									28.8	26,400	36.0	23,700
240.0									21.9	24,800	30.7	22,200
250.0											24.3	20,800
260.0												

157 ft (48 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0												
80.0	73.0	68,000 *										
85.0	71.7	65,200 *										
90.0	70.2	62,000 *										
95.0	68.8	59,000 *	70.4	62,400 *								
100.0	67.4	56,300 *	69.0	59,500 *								
110.0	64.5	51,200 *	66.1	53,900 *								
120.0	61.5	47,000 *	63.2	49,400 *	65.7	53,200 *						
130.0	58.4	43,400 *	60.2	45,400 *	62.7	48,700 *						
140.0	55.3	40,100 *	57.1	41,800 *	59.7	44,800 *	63.9	50,400 *				
150.0	52.0	37,000 *	53.8	38,600 *	56.6	41,300 *	60.9	46,200 *				
160.0	48.5	34,500 *	50.5	35,900 *	53.3	38,200 *	57.8	42,600 *				
170.0	44.8	32,100 *	46.9	33,500 *	49.9	35,500 *	54.6	39,400 *				
180.0	40.9	29,600 *	43.2	31,200 *	46.3	33,000 *	51.2	36,500 *	55.7	36,600		
190.0	36.7	26,900 *	39.1	28,500 *	42.5	30,700 *	47.7	34,000 *	52.4	33,800		
200.0	31.9	22,900 *	34.7	25,800 *	38.4	28,000 *	44.0	31,800 *	49.0	31,200		
210.0	26.4	18,600 *	29.6	22,400 *	33.9	25,400 *	40.0	29,200 *	45.4	29,000	50.1	26,000
220.0			23.6	18,500 *	28.7	22,900 *	35.7	26,400 *	41.5	27,100	46.5	24,100
230.0							30.8	23,900 *	37.3	25,200	42.7	22,400
240.0							25.1	21,900 *	32.6	23,600	38.7	20,900
250.0									27.2	22,000	34.1	19,500
260.0											29.0	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

177 ft (54 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0	70.3	258,600 b *										
46.0	68.8	249,900 b *										
48.0	67.2	240,700 b *										
50.0	65.6	232,000 b *	70.6	233,400 b *								
55.0	61.5	212,100 b *	66.6	210,600 b *								
60.0	57.2	193,400 *	62.6	189,800 *								
65.0	52.7	172,200 *	58.3	172,400	66.2	166,600						
70.0	47.9	155,000 *	53.9	158,100	62.1	152,700						
75.0	42.7	140,300 *	49.2	145,600	57.8	140,600						
80.0	36.8	126,400 *	44.1	134,700	53.4	130,100						
85.0	30.0	110,500 *	38.4	125,300	48.6	120,900						
90.0	21.3	90,400 *	31.9	115,300	43.5	112,900	58.3	105,100				
95.0			23.9	98,400	37.7	105,600	53.9	98,100				
100.0							49.1	92,000				
110.0							38.4	81,600				
120.0									44.3	67,600		
130.0									32.2	61,000	49.1	55,900
140.0											38.4	50,800
150.0											23.7	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												

177 ft (54 m) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0	73.2	241,200 b *										
48.0	72.0	236,600 b *										
50.0	70.7	230,600 b *										
55.0	67.6	211,100 b *										
60.0	64.4	193,000 *	68.4	188,700 *								
65.0	61.1	175,300 *	65.2	171,300								
70.0	57.7	158,100 *	62.0	157,200								
75.0	54.1	143,000 *	58.6	144,700	64.9	139,400						
80.0	50.4	130,400 *	55.1	133,800	61.6	128,800						
85.0	46.4	119,900 *	51.4	124,400	58.2	119,800						
90.0	42.2	111,000 *	47.5	116,300	54.6	111,800						
95.0	37.6	103,200 *	43.3	108,900	50.9	104,500	61.9	96,700				
100.0			38.8	102,400	47.0	98,100	58.5	90,700				
110.0			28.0	90,600	38.3	87,000	51.3	80,500				
120.0					27.2	78,200	43.3	72,100				
130.0							33.8	65,100	47.6	59,600		
140.0									39.0	54,100	51.3	49,300
150.0									28.2	49,500	43.3	44,900
160.0											33.8	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												

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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

177 ft (54 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0	74.1	208,300 b *										
55.0	71.5	200,600 b *										
60.0	68.9	193,000 *	72.2	188,900 *								
65.0	66.3	175,500 *	69.6	171,500								
70.0	63.6	159,900 *	67.0	157,300								
75.0	60.8	145,500 *	64.3	144,700								
80.0	58.0	132,600 *	61.5	133,800	66.7	128,700						
85.0	55.0	121,900 *	58.7	124,200	64.0	119,100						
90.0	52.0	112,800 *	55.8	115,900	61.2	111,000						
95.0	48.8	105,000 *	52.8	108,400	58.4	103,700						
100.0	45.5	98,200 *	49.7	101,700	55.5	97,200						
110.0	38.1	86,800 *	42.9	90,100	49.3	86,100						
120.0	29.1	76,100 *	35.0	81,000	42.4	77,300	52.8	71,100				
130.0					34.5	69,800	46.3	64,100	55.9	58,500		
140.0							39.1	58,100	49.8	52,900		
150.0							30.4	53,100	43.0	48,200		
160.0									35.1	44,400	46.3	40,200
170.0											39.1	36,900
180.0											30.4	34,100
190.0											18.2	31,800
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												
270.0												
280.0												

177 ft (54 m) Boom												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	72.0	163,500 *										
65.0	69.8	158,600 *										
70.0	67.6	153,600 *	70.4	149,300 *								
75.0	65.3	145,300 *	68.2	142,400 *								
80.0	63.0	134,500 *	65.9	133,600								
85.0	60.6	123,600 *	63.6	124,000								
90.0	58.2	114,400 *	61.2	115,500	65.7	110,300						
95.0	55.7	106,400 *	58.8	107,900	63.3	103,000						
100.0	53.1	99,500 *	56.4	101,100	61.0	96,500						
110.0	47.7	87,900 *	51.2	89,500	56.1	85,400						
120.0	41.7	78,800 *	45.5	80,300	50.8	76,500	58.8	70,200				
130.0	34.9	71,100 *	39.3	72,600	45.2	69,000	53.8	63,200				
140.0			32.0	65,800	38.9	62,700	48.4	57,300	56.4	52,000		
150.0			22.8	59,600	31.6	57,300	42.5	52,200	51.2	47,300		
160.0					22.1	52,900	35.8	48,100	45.6	43,600		
170.0							27.7	44,500	39.4	40,200	48.4	35,900
180.0									32.2	37,100	42.5	33,200
190.0									23.0	34,400	35.8	30,700
200.0											27.7	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 84 to 86.

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LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

177 ft (54 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	74.4	140,900 *										
65.0	72.5	137,700 *										
70.0	70.5	134,200 *										
75.0	68.6	130,700 *	71.0	138,100 *								
80.0	66.6	127,100 *	69.1	133,100 *								
85.0	64.6	123,200 *	67.1	124,200 *								
90.0	62.6	115,400 *	65.1	115,700 *								
95.0	60.5	107,600 *	63.1	108,100 *	66.9	103,200						
100.0	58.4	100,600 *	61.0	101,300 *	64.9	96,700						
110.0	53.9	88,900 *	56.8	89,900 *	60.8	85,700						
120.0	49.3	79,600 *	52.2	80,600 *	56.5	76,700						
130.0	44.2	72,000 *	47.4	72,700 *	52.0	69,100	58.9	63,400				
140.0	38.7	65,600 *	42.2	66,000 *	47.2	62,700	54.5	57,500				
150.0	32.3	60,200 *	36.4	60,400 *	41.9	57,300	49.9	52,400				
160.0	24.5	51,300 *	29.6	55,600 *	36.1	52,700	44.9	48,200	52.3	43,600		
170.0					29.2	48,700	39.4	44,400	47.5	40,100		
180.0							33.2	41,000	42.3	36,900	49.9	33,000
190.0							25.6	38,200	36.5	34,200	44.9	30,400
200.0									29.8	31,800	39.4	28,300
210.0											33.1	26,300
220.0											25.6	24,600
230.0												
240.0												
250.0												
260.0												
270.0												
280.0												

177 ft (54 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0	72.8	115,800 *										
75.0	71.1	112,300 *										
80.0	69.3	107,800 *	71.5	112,400 *								
85.0	67.6	102,600 *	69.8	109,100 *								
90.0	65.8	97,800 *	68.1	104,000 *								
95.0	64.0	93,500 *	66.3	99,100 *								
100.0	62.2	89,700 *	64.5	94,600 *	67.9	96,100						
110.0	58.5	82,600 *	60.9	86,900 *	64.3	85,200						
120.0	54.6	76,300 *	57.1	79,500 *	60.6	76,300						
130.0	50.5	70,100 *	53.1	72,200 *	56.8	68,700	62.7	62,800				
140.0	46.1	64,100 *	48.9	65,500 *	52.9	62,300	59.0	56,800				
150.0	41.4	58,900 *	44.4	60,000 *	48.6	56,900	55.1	51,800				
160.0	36.2	54,400 *	39.5	55,200 *	44.1	52,300	51.0	47,500				
170.0	30.2	49,700 *	34.1	50,900 *	39.2	48,200	46.7	43,700	53.2	39,400		
180.0			27.7	46,500 *	33.7	44,700	42.0	40,400	49.0	36,200		
190.0			19.4	41,100 *	27.2	41,500	36.9	37,500	44.5	33,500		
200.0							31.0	34,800	39.6	31,200	46.7	27,600
210.0							23.8	32,600	34.2	29,000	42.0	25,600
220.0									27.8	27,100	36.9	23,800
230.0											31.0	22,200
240.0											23.8	20,800
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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

177 ft (54 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	73.0	91,600 *										
80.0	71.5	86,900 *										
85.0	69.9	82,700 *										
90.0	68.4	78,800 *	70.4	83,700 *								
95.0	66.8	75,100 *	68.8	79,800 *								
100.0	65.2	71,800 *	67.2	76,100 *								
110.0	61.9	65,900 *	64.0	69,500 *								
120.0	58.6	61,000 *	60.7	64,100 *	63.8	69,400 *						
130.0	55.1	56,600 *	57.3	59,300 *	60.5	63,800 *						
140.0	51.4	52,500 *	53.8	54,900 *	57.1	59,000 *	62.4	56,600				
150.0	47.6	49,000 *	50.0	51,200 *	53.5	54,800 *	59.0	51,600				
160.0	43.5	45,000 *	46.1	47,400 *	49.8	51,200 *	55.5	47,300				
170.0	39.0	41,400 *	41.9	43,600 *	45.9	47,400 *	51.9	43,500	57.4	39,100		
180.0	34.1	38,100 *	37.2	40,100 *	41.6	43,500 *	48.1	40,100	53.8	36,000		
190.0	28.4	35,100 *	32.1	36,900 *	37.0	40,000 *	44.0	37,100	50.1	33,100		
200.0	21.3	30,800 *	26.0	34,200 *	31.7	36,800 *	39.6	34,500	46.2	30,700		
210.0					25.6	34,000 *	34.7	32,200	41.9	28,600	48.1	25,200
220.0							29.1	30,100	37.3	26,600	44.0	23,400
230.0									32.2	24,800	39.6	21,700
240.0									26.1	23,300	34.7	20,200
250.0											29.1	18,900
260.0												
270.0												
280.0												

177 ft (54 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0												
80.0	73.2	68,300 *										
85.0	71.8	65,600 *										
90.0	70.4	62,300 *										
95.0	69.0	59,200 *	70.8	63,200 *								
100.0	67.6	56,500 *	69.4	60,100 *								
110.0	64.7	51,400 *	66.5	54,600 *								
120.0	61.7	47,200 *	63.6	49,900 *	66.4	54,400 *						
130.0	58.7	43,500 *	60.6	45,700 *	63.4	49,700 *						
140.0	55.5	40,100 *	57.5	42,000 *	60.4	45,500 *						
150.0	52.2	37,000 *	54.3	38,800 *	57.3	41,900 *						
160.0	48.7	34,500 *	50.9	36,100 *	54.1	38,900 *	59.0	44,000 *				
170.0	45.1	32,100 *	47.4	33,600 *	50.7	36,000 *	55.9	40,600 *				
180.0	41.2	29,600 *	43.7	31,200 *	47.2	33,500 *	52.6	37,500 *	57.6	34,500		
190.0	37.0	26,900 *	39.7	28,500 *	43.5	31,300 *	49.2	34,900 *	54.3	31,800		
200.0	32.3	22,000 *	35.3	25,900 *	39.4	28,500 *	45.6	32,500 *	51.0	29,400		
210.0	26.8	17,200 *	30.4	22,100 *	35.0	25,800 *	41.7	29,900 *	47.5	27,300	52.6	23,900
220.0			24.5	17,500 *	30.0	23,200 *	37.5	27,300 *	43.8	25,300	49.2	22,100
230.0							32.9	24,800 *	39.7	23,500	45.6	20,400
240.0							27.6	22,600 *	35.4	22,000	41.7	18,900
250.0							21.0	20,300 *	30.4	20,600	37.5	17,500
260.0									24.6	19,200	32.9	16,300
270.0											27.6	15,300
280.0											21.0	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

196 ft (60 m) Boom												
Load Radius (ft)	78 ft (24 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0	69.3	229,000 b *										
48.0	67.7	220,900 b *										
50.0	66.1	213,100 b *	71.6	233,300 b *								
55.0	62.1	196,000 b *	67.7	209,600 b *								
60.0	57.8	181,200 *	63.7	188,700 *								
65.0	53.3	168,300 *	59.5	171,500								
70.0	48.6	155,400 *	55.2	157,300	64.1	150,900						
75.0	43.4	142,100 *	50.5	144,800	59.9	138,900						
80.0	37.7	128,300 *	45.5	134,000	55.5	128,600						
85.0	31.1	113,700 *	40.1	124,400	50.9	119,300						
90.0	22.7	93,900 *	33.8	116,400	46.0	111,200						
95.0			26.3	102,600	40.6	104,000	57.5	95,400				
100.0							53.0	89,400				
110.0							43.0	79,300				
120.0							30.5	71,100	50.1	64,500		
130.0									39.5	58,200		
140.0											46.5	38,200 *
150.0											35.1	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												

196 ft (60 m) Boom												
Load Radius (ft)	98 ft (30 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0	73.6	215,900 b *										
48.0	72.4	212,500 b *										
50.0	71.2	208,500 b *										
55.0	68.0	194,200 b *										
60.0	64.8	179,500 *	69.3	187,700 *								
65.0	61.5	166,600 *	66.1	170,400								
70.0	58.1	155,600 *	62.9	156,300								
75.0	54.6	144,000 *	59.5	143,900	66.4	137,700						
80.0	50.9	132,100 *	56.0	132,900	63.2	127,300						
85.0	47.0	121,200 *	52.4	123,500	59.8	118,200						
90.0	42.8	112,200 *	48.6	115,500	56.4	110,600						
95.0	38.2	104,200 *	44.5	108,300	52.7	103,400						
100.0	33.1	95,700 *	40.1	101,800	48.9	97,000	61.3	88,500				
110.0	19.6	73,700 *	29.7	90,500	40.5	86,100	54.4	78,500				
120.0					30.2	77,300	46.7	70,400				
130.0							37.9	63,400	52.1	57,300		
140.0									44.1	51,900		
150.0									34.8	47,300		
160.0											41.0	38,800
170.0											30.8	35,700
180.0												
190.0												
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												
270.0												

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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

196 ft (60 m) Boom												
Load Radius (ft)	118 ft (36 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0	74.4	183,400 b *										
55.0	71.9	177,500 b *										
60.0	69.3	171,300 *										
65.0	66.6	164,400 *	70.3	169,700 *								
70.0	64.0	154,000 *	67.7	156,500								
75.0	61.2	144,000 *	65.0	144,100								
80.0	58.4	134,300 *	62.3	133,200	67.9	127,200						
85.0	55.5	123,200 *	59.5	123,800	65.3	117,800						
90.0	52.4	114,000 *	56.6	115,500	62.5	109,700						
95.0	49.3	106,000 *	53.6	108,000	59.8	102,400						
100.0	45.9	99,100 *	50.5	101,300	56.9	96,100						
110.0	38.6	87,500 *	43.8	89,900	50.8	85,200						
120.0	29.8	77,600 *	36.2	80,800	44.2	76,400	55.2	69,300				
130.0			26.6	70,600	36.5	69,000	49.0	62,400				
140.0							42.2	56,600	53.4	50,800		
150.0							34.2	51,800	47.0	46,200		
160.0							23.9	47,700	39.8	42,400		
170.0									31.3	39,200	44.5	34,600
180.0											36.9	31,900
190.0											27.7	29,600
200.0												
210.0												
220.0												
230.0												
240.0												
250.0												
260.0												
270.0												

196 ft (60 m) Boom												
Load Radius (ft)	137 ft (42 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	72.3	149,900 *										
65.0	70.1	145,400 *										
70.0	67.9	140,800 *	71.0	149,000 *								
75.0	65.6	136,300 *	68.8	142,100 *								
80.0	63.3	131,200 *	66.5	133,100								
85.0	61.0	124,700 *	64.2	123,500								
90.0	58.5	115,600 *	61.9	115,100	66.7	109,200						
95.0	56.0	107,400 *	59.5	107,500	64.5	101,900						
100.0	53.5	100,400 *	57.0	100,900	62.1	95,500						
110.0	48.1	88,600 *	51.9	89,300	57.3	84,500						
120.0	42.1	79,400 *	46.3	80,100	52.1	75,700	60.8	68,600				
130.0	35.4	71,700 *	40.2	72,300	46.6	68,300	55.9	61,800				
140.0			33.1	65,700	40.5	62,000	50.6	55,900				
150.0			24.3	60,200	33.5	56,700	45.0	50,900				
160.0					24.7	52,200	38.6	46,800	48.9	41,600		
170.0							31.3	43,100	43.1	38,300		
180.0									36.5	35,300	46.9	31,000
190.0									28.6	32,700	40.8	28,500
200.0											33.8	26,400
210.0											25.2	24,600
220.0												
230.0												
240.0												
250.0												
260.0												
270.0												

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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

196 ft (60 m) Boom												
Load Radius (ft)	157 ft (48 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0	74.6	130,800										
65.0	72.7	127,800	*									
70.0	70.8	124,600	*									
75.0	68.9	121,300	*	71.6	127,700							
80.0	66.9	117,900	*	69.6	124,200	*						
85.0	64.9	114,400	*	67.7	120,500	*						
90.0	62.8	111,000	*	65.7	114,200	*						
95.0	60.8	106,800	*	63.7	107,200	*	67.8	101,600				
100.0	58.6	101,700	*	61.6	100,400		65.9	95,200				
110.0	54.3	89,600	*	57.4	89,000		61.8	84,100				
120.0	49.6	80,300	*	52.9	79,900		57.5	75,400				
130.0	44.6	72,600	*	48.1	72,000		53.1	68,000				
140.0	39.1	66,000	*	43.0	65,300		48.3	61,600	60.6	61,300		
150.0	32.8	60,400	*	37.3	59,800		43.2	56,200	56.3	55,500		
160.0	25.1	52,900	*	30.7	55,000		37.5	51,800	51.8	50,500		
170.0							47.0	46,300	47.0	46,300	54.9	41,100
180.0							31.0	47,800	41.7	42,700	50.3	37,800
190.0									35.8	39,500	45.4	34,900
200.0									28.9	36,600	39.9	32,200
210.0									19.9	34,300	33.8	30,000
220.0											26.4	27,900
230.0												
240.0												
250.0												
260.0												
270.0												

196 ft (60 m) Boom												
Load Radius (ft)	177 ft (54 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0	73.0	108,300	*									
75.0	71.3	106,000	*									
80.0	69.6	103,600	*	72.0	114,800	*						
85.0	67.8	101,100	*	70.3	106,700	*						
90.0	66.1	97,800	*	68.5	103,200	*						
95.0	64.3	94,000	*	66.8	99,600	*						
100.0	62.5	90,100	*	65.0	95,700	*	68.7	94,600				
110.0	58.7	83,100	*	61.4	87,800	*	65.2	83,700				
120.0	54.9	76,600	*	57.6	79,300		61.5	75,000				
130.0	50.8	70,300	*	53.6	71,700		57.8	67,600				
140.0	46.4	64,300	*	49.5	65,000		53.8	61,200				
150.0	41.7	59,100	*	45.0	59,300		49.7	55,800	60.5	54,900		
160.0	36.5	54,500	*	40.2	54,500		45.3	51,300	56.7	50,000		
170.0	30.6	49,900	*	34.9	50,300		40.5	47,400	52.7	45,900		
180.0				28.6	46,700		35.1	43,800	48.5	42,200	55.5	37,200
190.0				20.7	43,500		28.9	40,600	44.0	38,800	51.4	34,200
200.0							21.1	37,900	39.0	36,000	47.1	31,600
210.0									33.5	33,400	42.5	29,200
220.0									27.0	31,300	37.4	27,200
230.0											31.6	25,400
240.0												
250.0												
260.0												
270.0												

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 84 to 86.

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Jib Lift Capacity

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

196 ft (60 m) Boom												
Load Radius (ft)	196 ft (60 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0	73.2	85,200 *										
80.0	71.7	83,500 *										
85.0	70.2	81,800 *										
90.0	68.6	78,700 *	70.8	84,500 *								
95.0	67.0	75,400 *	69.2	80,600 *								
100.0	65.4	72,200 *	67.7	76,900 *								
110.0	62.2	66,100 *	64.5	70,200 *								
120.0	58.8	61,100 *	61.2	64,600 *	64.6	70,600 *						
130.0	55.3	56,700 *	57.8	59,700 *	61.3	64,900 *						
140.0	51.7	52,700 *	54.3	55,400 *	57.9	59,800 *	63.7	54,700				
150.0	47.8	49,200 *	50.6	51,700 *	54.4	55,500	60.4	49,800				
160.0	43.8	45,200 *	46.6	47,800 *	50.7	51,100	57.0	45,500				
170.0	39.3	41,500 *	42.5	43,900 *	46.8	47,000	53.4	41,800				
180.0	34.4	38,100 *	37.9	40,300 *	42.7	43,400	49.7	38,600	55.9	33,800		
190.0	28.8	35,100 *	32.8	37,100 *	38.1	40,400	45.7	35,700	52.3	31,100		
200.0	21.9	30,100 *	26.9	34,400 *	33.1	37,200 *	41.4	33,200	48.5	28,900		
210.0					27.2	34,400 *	36.8	30,900	44.4	26,800	50.9	22,900
220.0							31.5	28,900	40.0	24,900	47.0	21,300
230.0									35.2	23,300	42.9	19,700
240.0									29.7	21,800	38.4	18,200
250.0									23.1	20,400	33.3	17,000
260.0												
270.0												

196 ft (60 m) Boom												
Load Radius (ft)	216 ft (66 m) Jib											
	Boom Angle (deg.)											
	88		86		83		78		73		68	
	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)	Jib Angle (deg.)	Jib Capacity (lbs)
44.0												
46.0												
48.0												
50.0												
55.0												
60.0												
65.0												
70.0												
75.0												
80.0	73.4	67,100 *										
85.0	72.0	65,700 *										
90.0	70.6	62,600 *										
95.0	69.2	59,600 *	71.2	64,000 *								
100.0	67.8	56,700 *	69.8	60,800 *								
110.0	64.9	51,700 *	66.9	55,100 *								
120.0	61.9	47,300 *	64.0	50,300 *	67.1	55,500 *						
130.0	58.9	43,500 *	61.0	46,200 *	64.1	50,500 *						
140.0	55.7	40,100 *	57.9	42,500 *	61.2	46,300 *						
150.0	52.4	37,200 *	54.7	39,300 *	58.1	42,600 *						
160.0	49.0	34,500 *	51.4	36,400 *	54.9	39,400 *	60.3	44,200				
170.0	45.4	32,100 *	47.9	33,800 *	51.6	36,500 *	57.2	40,500				
180.0	41.5	29,600 *	44.2	31,400 *	48.1	33,900 *	54.0	37,300				
190.0	37.3	26,900 *	40.3	28,700 *	44.4	31,800 *	50.6	34,400				
200.0	32.6	21,300 *	35.9	26,200 *	40.4	28,900 *	47.1	31,900	52.9	27,600		
210.0	27.2	16,100 *	31.1	21,900 *	36.1	26,300 *	43.3	29,600	49.5	25,500		
220.0			25.4	16,800 *	31.3	23,600 *	39.3	27,500	45.9	23,600	51.7	19,700
230.0					25.7	20,500 *	34.8	25,400 *	42.1	21,900	48.3	18,200
240.0					18.5	14,800 *	29.8	23,300 *	37.9	20,400	44.6	16,900
250.0							23.9	21,200 *	33.4	19,000	40.6	15,600
260.0									28.1	17,800	36.3	14,500
270.0											31.6	13,300
280.0											26.0	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 84 to 86.

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Boom Lift Capacity with Luffing Jib Attached (Attached at 23 degree boom to luffing jib offset angle)

Counterweights : 308,600 lbs (140,000 kg)

Carbody weights : 88,200 lbs 40,000 kg)

98 ft (30 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
22.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
24.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
26.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
28.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
30.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
32.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
34.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
36.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
38.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
40.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
42.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
44.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
46.0	186,600 *	173,600 *	162,100 *	149,300 *	137,200 *	123,800 *	111,400 *	93,400 *
48.0	176,800 *	164,200 *	153,000 *	140,400 *	128,600 *	115,400 *	103,200 *	85,500 *
50.0	167,100	154,800	143,800	131,500	119,900	107,000	95,000	77,700
55.0	142,600	130,900	120,600	108,700	97,700	85,400	74,000	57,300
60.0	119,000	107,900	98,000	86,600	76,100	64,300	53,300	
65.0	100,600	89,700	80,200	69,300	59,100	47,600	37,000	
70.0	85,800	75,400	66,200	55,700	45,900	34,700		
75.0	73,200	63,200	54,400	44,200	34,700			
80.0	62,400	52,800	44,300	34,500				
85.0	53,200	43,900	35,700	26,200				
Reeves	6	6	5	5	5	4	4	3

118 ft (36 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
24.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
26.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
28.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
30.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
32.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
34.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
36.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
38.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
40.0	224,700 *	212,700 *	199,600 *	186,400 *	174,400 *	160,600 *	148,400 *	129,800 *
42.0	212,300 *	200,600 *	187,900 *	175,100 *	163,400 *	150,000 *	138,000 *	119,900 *
44.0	199,900 *	188,600 *	176,300 *	163,900 *	152,300 *	139,400 *	127,700 *	110,000 *
46.0	187,700 *	176,600 *	164,700 *	152,600 *	141,400 *	128,800 *	117,400 *	100,200 *
48.0	177,400 *	166,600 *	154,900 *	143,100 *	132,100 *	119,800 *	108,600 *	91,800 *
50.0	167,200	156,600	145,100	133,500	122,800	110,800	99,900	83,400
55.0	142,000	131,900	121,000	109,900	99,800	88,400	78,000	62,300
60.0	118,400	108,700	98,400	87,700	78,100	67,100	57,100	
65.0	99,900	90,600	80,600	70,400	61,100	50,500	40,800	
70.0	84,900	75,800	66,400	56,500	47,400	37,100		
75.0	72,100	63,300	54,200	44,600	35,700			
80.0	61,100	52,600	43,800	34,400				
85.0	51,900	43,700	35,100	26,000				
90.0	44,100	36,100	27,800					
95.0	37,200	29,300						
Reeves	7	7	7	6	6	5	5	4

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 84 to 86

STANDARD CONFIGURATION LUFFING BOOM / JIB - LIFTING CHART

Luffing Boom Lift Capacity with Luffing Jib Attached (Attached at 23 degree boom to luffing jib offset angle)

Counterweights : 308,600 lbs (140,000 kg)

Carbody weights : 88,200 lbs 40,000 kg)

138 ft (42 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
28.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
30.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
32.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
34.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
36.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
38.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
40.0	226,700 *	213,800 *	203,000 *	188,600 *	177,000 *	164,200 *	152,600 *	134,600 *
42.0	214,300 *	201,700 *	191,300 *	177,300 *	166,000 *	153,500 *	142,200 *	124,800 *
44.0	201,900 *	189,700 *	179,500 *	165,900 *	155,000 *	142,900 *	131,900 *	115,000 *
46.0	189,600 *	177,700 *	167,800 *	154,600 *	144,000 *	132,300 *	121,600 *	105,200 *
48.0	178,900 *	167,300 *	157,600 *	144,700 *	134,300 *	122,900 *	112,400 *	96,400 *
50.0	168,300	156,900	147,400	134,800	124,700	113,400	103,300	87,500
55.0	142,500	131,700	122,700	110,700	101,200	90,400	80,800	65,800
60.0	118,800	108,500	99,900	88,400	79,400	69,100	59,900	
65.0	100,100	90,200	82,000	71,100	62,200	52,300	43,400	
70.0	85,000	75,400	67,500	57,000	48,500	38,900		
75.0	71,900	62,700	55,100	44,800	36,700			
80.0	60,600	51,900	44,400	34,400				
85.0	51,200	42,600	35,500	25,800				
90.0	43,200	35,000	27,900					
95.0	36,200	28,100						
100.0	30,000							
Reeves	7	7	7	6	6	5	5	5

157 ft (48 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
28.0	272,300 *	258,200 *	245,000 *	227,300 *	209,700 *	193,700 *	179,300 *	156,400 *
30.0	272,300 *	258,200 *	245,000 *	227,300 *	209,700 *	193,700 *	179,300 *	156,400 *
32.0	272,300 *	258,200 *	245,000 *	227,300 *	209,700 *	193,700 *	179,300 *	156,400 *
34.0	272,300 *	258,200 *	245,000 *	227,300 *	209,700 *	193,700 *	179,300 *	156,400 *
36.0	256,800 *	244,000 *	231,900 *	215,600 *	199,600 *	184,900 *	171,700 *	150,800 *
38.0	241,400 *	229,700 *	218,800 *	203,900 *	189,400 *	176,000 *	164,100 *	145,100 *
40.0	226,900 *	216,200 *	206,100 *	192,400 *	179,000 *	166,600 *	155,700 *	138,200 *
42.0	214,600 *	204,100 *	194,400 *	181,000 *	168,000 *	156,000 *	145,400 *	128,400 *
44.0	202,300 *	192,000 *	182,600 *	169,600 *	157,000 *	145,300 *	135,100 *	118,600 *
46.0	190,100 *	179,900 *	170,900 *	158,300 *	146,000 *	134,800 *	124,800 *	108,800 *
48.0	179,000 *	169,200 *	160,300 *	148,000 *	136,000 *	125,000 *	115,300 *	99,600 *
50.0	168,000	158,400	149,700	137,600	126,000	115,300	105,800	90,500
55.0	141,800	132,700	124,400	112,900	102,000	91,800	82,800	68,400
60.0	118,100	109,300	101,500	90,500	80,200	70,400	61,800	
65.0	99,100	90,900	83,300	72,900	62,700	53,400	45,200	
70.0	83,900	75,900	68,700	58,600	48,900	39,800		
75.0	70,900	63,100	56,100	46,400	37,100			
80.0	59,700	52,100	45,300	35,800				
85.0	50,300	42,800	36,200	26,900				
90.0	42,200	35,000	28,400					
95.0	35,000	28,000						
100.0	28,600							
Reeves	9	8	8	7	7	6	6	5

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 84 to 86

CK3300G-2

LUFFING BOOM / JIB - LIFTING CHART

Luffing Boom Lift Capacity with Luffing Jib Attached (Attached at 23 degree boom to luffing jib offset angle)

Counterweights : 308,600 lbs (140,000 kg)

Carbody weights : 88,200 lbs 40,000 kg)

177 ft (54 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
30.0	220,600 *	207,800 *	193,500 *	176,800 *	164,000 *	145,500 *	132,200 *	111,100 *
32.0	220,600 *	207,800 *	193,500 *	176,800 *	164,000 *	145,500 *	132,200 *	111,100 *
34.0	220,600 *	207,800 *	193,500 *	176,800 *	164,000 *	145,500 *	132,200 *	111,100 *
36.0	220,600 *	207,800 *	193,500 *	176,800 *	164,000 *	145,500 *	132,200 *	111,100 *
38.0	220,600 *	207,800 *	193,500 *	176,800 *	164,000 *	145,500 *	132,200 *	111,100 *
40.0	217,900 *	205,400 *	191,400 *	175,100 *	162,700 *	144,600 *	131,800 *	111,100 *
42.0	209,100 *	197,700 *	184,900 *	169,900 *	158,500 *	142,000 *	130,300 *	111,100 *
44.0	200,300 *	190,000 *	178,300 *	164,600 *	154,300 *	139,400 *	128,800 *	111,100 *
46.0	191,400 *	182,100 *	171,500 *	159,200 *	149,900 *	136,500 *	127,000 *	110,700 *
48.0	179,900 *	170,800 *	160,500 *	148,500 *	139,500 *	126,400 *	117,100 *	101,400 *
50.0	168,500	159,500	149,500	137,800	129,000	116,200	107,100	92,100
55.0	141,700	133,200	123,600	112,600	104,300	92,200	83,600	69,600
60.0	117,800	109,700	100,600	90,100	82,200	70,600	62,500	
65.0	98,900	91,100	82,400	72,300	64,700	53,600	45,900	
70.0	83,700	76,100	67,800	58,000	50,800	40,100		
75.0	70,600	63,200	55,200	45,700	38,700			
80.0	59,200	52,000	44,400	35,100				
85.0	49,500	42,600	35,100	26,100				
90.0	41,300	34,600	27,300					
95.0	34,100	27,600						
100.0	27,700							
Reeves	7	7	6	6	5	5	4	4

197 ft (60 m) Boom								
Load Radius (ft)	Jib Length							
	78 ft (24 m)	98 ft (30 m)	118 ft (36 m)	138 ft (42 m)	157 ft (48 m)	177 ft (54 m)	197 ft (60 m)	217 ft (66 m)
34.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
36.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
38.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
40.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
42.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
44.0	192,000 *	178,700 *	165,700 *	153,400 *	138,800 *	122,300 *	110,600 *	91,200 *
46.0	191,600 *	178,400 *	165,400 *	153,100 *	138,600 *	122,100 *	110,500 *	91,100 *
48.0	180,200 *	168,000 *	156,100 *	144,800 *	131,600 *	116,500 *	105,800 *	88,200 *
50.0	168,900	157,700	146,900	136,600	124,600	110,800	101,200	85,200
55.0	142,100	132,400	123,200	114,400	104,300	92,400	84,300	70,700
60.0	118,000	108,900	100,100	91,800	82,200	70,800	63,100	50,200
65.0	98,900	90,200	81,800	73,800	64,500	53,700	46,300	33,900
70.0	83,700	75,200	67,000	59,400	50,400	40,100		
75.0	70,500	62,300	54,400	46,900	38,300			
80.0	59,000	51,100	43,500	36,200				
85.0	49,300	41,500	34,200	27,200				
90.0	41,100	33,500	26,400					
95.0	33,900	26,500						
100.0	27,400							
Reeves	6	6	6	5	5	4	4	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 84 to 86

NOTES

[illegible]



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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