Grove GMK6400

North American Product Guide

ASME B30.5
Imperial 85%



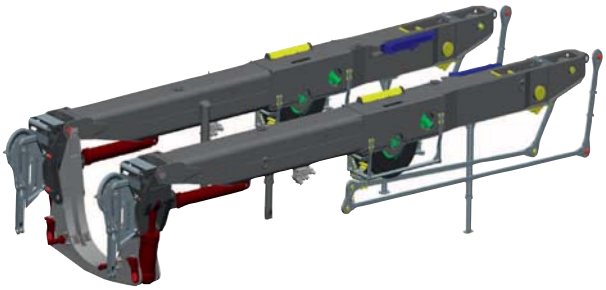
Features

- 400 t (450 USt) rating
- 15,4 m - 60 m (51 ft - 197 ft) five-section boom
- 25 m - 79 m (82 ft - 259 ft) luffing jib
- Self-rigging MegaWingLift™
- 135 t (297,600 lb) counterweight with hydraulic removal system
- MegaDrive™ hybrid drive system
- Self-rigging auxiliary hoist

ESTA AWARDS OF excellence 2013
Munich, Germany Winner 18 April



Features



MegaWingLift™

The new, patented self-rigging MegaWingLift™ reduces transportation and erection costs to a minimum. Both the MegaWingLift™ and the auxiliary hoist can be installed without an auxiliary crane.

- Transport weight: < 11 t (24,000 lb)
- Transport height: < 2500 mm (8.2 ft)



Carrier cab

The new carrier cab offers increased comfort and ergonomic instrumentation, an improved heating and cooling system with air conditioning as standard, full width cab for added visibility, better aerodynamics, and is manufactured from rust free glass-fiber and aluminum composite to provide longer life and noise reduction.

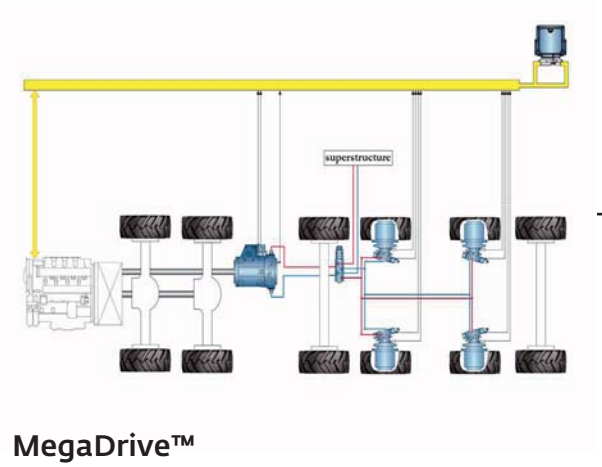
Engine

The GMK6400 comes equipped with a turbocharged OM 502 LA with eight-cylinder and 405kW Tier 4i/Euromot IIIb water-cooled Mercedes-Benz diesel engine.



CraneSTAR

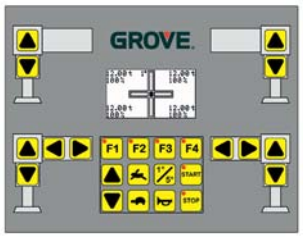
CraneSTAR is an exclusive and innovative crane asset management system that helps improve your profitability and reduce costs by remotely monitoring critical crane data. Visit www.cranestar.com for more information.



MegaDrive™

A mixture of conventional drive at the front and hybrid drive for slow speed. That creates the following advantages for you:

- Automatic on/off of MegaDrive™: over 25km/h (16 mph) off, less than 20 km/h (12 mph)
- Better traction in bad surface conditions
- Longer lifecycle of parts because of less direct contact
- Smooth and powerful acceleration from standstill



Man-Machine Interface

The new MMI display allows the control of the MEGATRAK™ suspension from both sides of the carrier. Adjustment of ground clearance independently of the outriggers. Flexibility on jobsite to react to varied site conditions. Outrigger pressure monitoring is standard. Active suspension control.

Additional features

- Strongest heavy duty 6-axle crane on the market
- Easy logistics and good transportability
- Easy and fast setup
- Symmetric 10 t (22,000 lb) counterweight slabs
- Self-rigging auxiliary hoist
- Strong 79 m (259 ft) luffing jib/ 64 m (210 ft) fixed lattice extension (shared components)

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Specifications

Superstructure

Boom

15,4 m - 60,0 m (51 ft - 197 ft) 5-section, full power MEGAFORM™ boom with TWIN-LOCK™ Pinning.

Maximum tip height: 63 m (206 ft).

Boom nose

Ten nylatron sheaves, mounted on heavy duty tapered roller bearings with removable pin-type rope guards. Quick reeve boom nose. Removable auxiliary boom nose with removable pin type rope guard.

Boom elevation

Single lift cylinder with safety valve provides boom angle from -1.5° to +82°.

*Optional jibs

25 m - 79 m (82 ft - 259 ft) luffing jib and offsettable 12 m - 64 m (39 ft - 210 ft) fixed jib (3° to 25°).
Maximum tip height: 136.6 m (448 ft).

*MegaWingLift™

Lift enhancing system to improve load charts.
The self-rigging MegaWingLift™ can be installed without the help of an auxiliary crane.

Load moment and anti-two block system

Load moment and anti-two block system with audio/visual warning and control lever lockout provides electronic display of boom angle, length, radius, tip height, relative load moment, maximum permissible load, load indication and warning of impending two-block condition.

Cab

All aluminum constructed cab with acoustical lining, hydraulic tilted to 20°. Includes tinted safety glass, adjustable operator's seat, opening windows at side and rear, hinged windshield with wiper, sun visor and window shade. Other features include hot water heater/defroster, armrest integrated crane controls, ergonomically arranged instrumentation and radio/CD player, air conditioning, working range limiter.

Swing

3 planetary gear boxes with fixed displacement axial piston motors. Infinitely variable to 1.4 rpm. Free swing or hydrostatically engaged brake controlled by swing lever. Swing brake selected by foot operated switch.

Counterweight

135 t (297,600 lb) consisting of various sections with hydraulic installation/removal system controlled from the superstructure cab. Vehicle width 3,0 m (9.8 ft).

Electrical system

3 phase alternator: 28V/100A

2 batteries: 12V/170Ah

Lighting system and signals 24V.

Hydraulic motor

235 kW (315 hp) Rexroth. Maximum torque 660 Nm (487 ft/lb). Supplied by hydraulic carrier pumps.

Hydraulic system

Hydraulic tank capacity: 1300 L (343 gal)

Five seperate circuits, three axial piston variable displacement pumps with power limiting control, one axial piston variable displacement pump for slewing and one fixed displacement pump for auxiliary gears. Standard thermostatically controlled oil coolers keep oil at optimum operating temperature. Driven by hydraulic motor.

Hoist

Main and auxiliary hoist are powered by axial piston motor with planetary gear and brake. "Thumb-thumper" hoist drum rotation indicator alerts operator of hoist movement.

	Main	Auxiliary
Rope length	380 m (1247 ft)	690 m (2263 ft)
Rope diameter	24 mm	24 mm
Line speed	120 m/min (394 fpm)	120 m/min (394 fpm)
Line pull	110 kN (24,728 lb)	104 kN (23,380 lb)

Hoist camera and light included.

Auxiliary hoist is self-rigging.

**Denotes optional equipment*

Specifications

Superstructure continued

*Optional hookblocks

Lifting capacity	Sheaves	Weight	Possible load with the crane*
250 t (275 USt)	9	3000 kg (6614 lb)	215t (236 USt)
200 t (220 USt)	7	2400 kg (5291 lb)	181 t (199 USt)
160 t (176 USt)	5	1800 kg (3669 lb)	134 t (147 USt)
100 t (110 USt)	3	1300 kg (2866 lb)	87 t (96 USt)
40 t (44 USt)	1	850 kg (1874 lb)	38 t (42 USt)
16 t (18 USt)	H/B	450 kg (992 lb)	12,5 t (13.8 USt)

* varies depending on national regulations
# 0° over rear with additional equipment

*Optional equipment

- Work lights, mounted on boom base section
- Boom mounted aircraft warning light
- Hook blocks/headache ball
- Engine independent diesel cab heater, with engine pre-heater. Includes 24 hour timer
- Strobe light
- Data logger
- 360° NYC swing lock
- Boom removal kit
- 1 m (3.3 ft) adapter winch can be used to make up 3,5 m (11.5 ft) or 7,5 m (24.6 ft) heavy duty jib

Carrier

Chassis

Box type, torsion resistant frame is fabricated from high strength steel.

Transmission

ZF AS Tronic 12 Electronic automatic shifting. Kessler W2500 single stage transfer case.

Outrigger system

Four hydraulic two stage outrigger beams with vertical cylinders and outrigger pads, 700 mm (27.6 in) round. Outrigger can be set in 5 positions:

Full: 8,5 m (27.9 ft)

Partial: 7,4 m (24.3 ft)

Partial: 6,3 m (20.7 ft)

Partial: 5,0 m (16.4 ft)

Retracted: 2,7 m (8.9 ft)

Independent horizontal and vertical movement controlled from each side of carrier and the superstructure cab. Electronic crane level indicators. Hydraulic disconnect for front outrigger beams and removable rear outrigger box. Work light for each outrigger beam and outrigger pad load indicator with read out on both sides of carrier and in superstructure cabin. Includes outrigger monitoring system.

Drive/steer

12 x 8 x 12

MegaDrive™

Hydrostatic hybrid drive system with axles 4 and 5 hydrostatically driven. Axles disconnect at speeds greater than 25 km/h (16 mph) and connect at speeds below 20 km/h (12 mph).

Suspension

Grove exclusive MEGATRAK™ suspension. Independent hydro-pneumatic system acting on all wheels with hydraulic lockout. Suspension can be raised 220 mm (8.7 in) or lowered 80 mm (3.1 in), both longitudinally and transversely. Features an automatic leveling system for highway travel. Active suspension control on outrigger control units.

Specifications

Carrier continued

Axles

1st axle line – drive/steer

2nd axle line – drive/steer

3rd axle line – steer

4th axle line – drive/steer
(disconnects >25 km/h [16 mph])

5th axle line – drive/steer
(disconnects >25 km/h [16 mph])

6th axle line – steer

Axles 1 and 2 with planetary hub reduction and center mounted gearing. Axles 4 and 5 MegaDrive™.

Tires

12 tires, 16.00R25 (445/95R25)
(vehicle width – 3,0 m [9.8 ft])

Steering

Dual circuit, hydraulic power assisted steering system. Transfer case mounted, ground driven emergency steering pump. Axles 1, 2, 5 and 6 steer on highway, axles 3 and 4 disconnect at speeds greater than 25 km/h (16 mph). Separate steering (steer by wire) of the 3rd to 6th axles for all wheel and crab steering, controlled by an electronic rocker switch.

Engine

Mercedes Benz OM 502 LA, eight-cylinder Tier 4i

Horsepower: 405 kW (551 hp) at 1800 rpm

Torque: 2600 Nm (1918 ft/lb) at 1300 rpm

Engine emissions: EPA /CARB/EUROMOT (off road)

Fuel tank capacity

650 L (172 gal)

Brakes

Service brakes: pneumatic dual circuit acting on all wheels.

Parking brake: pneumatically operated spring loaded brake acting on axle lines 2, 4, 5 and 6.

Air dryer.

Cab

Two-man, composite designed aluminum and fiber reinforced plastic construction with the following features: safety glass, driver seat with pneumatic suspension, engine-dependent hot water heater, power windows, heated rear view mirrors, complete instrumentation, driving controls, reversing camera system, air conditioning, radio/CD player, 12V plug and fire extinguisher.

Electrical system

24V system with three phase alternator, 28V/100A

2 batteries, 12V/170 Ah

Maximum speed

85 km/h (53 mph)

Gradeability (theoretical)

50% - 14.00R25 (385/95R25) tires

50% - 16.00R25 (445/95R25) / 20.5R25 (525/80R25) tires

Miscellaneous standard equipment

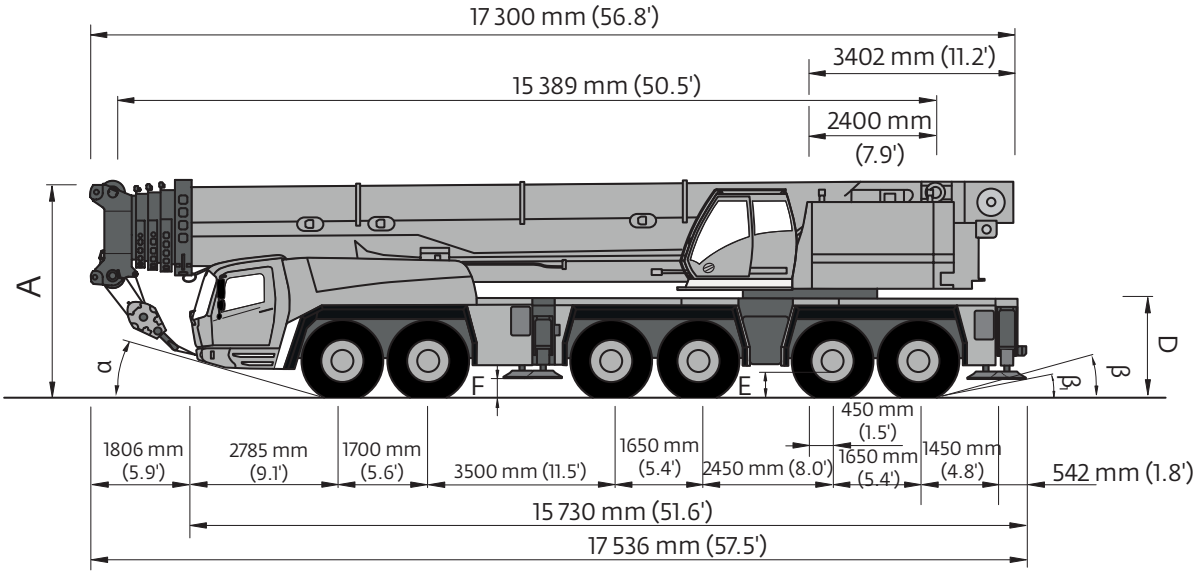
Work lights; tool kit, fire extinguishers, auxiliary boom nose and wind speed indicator, CraneSTAR asset management system.

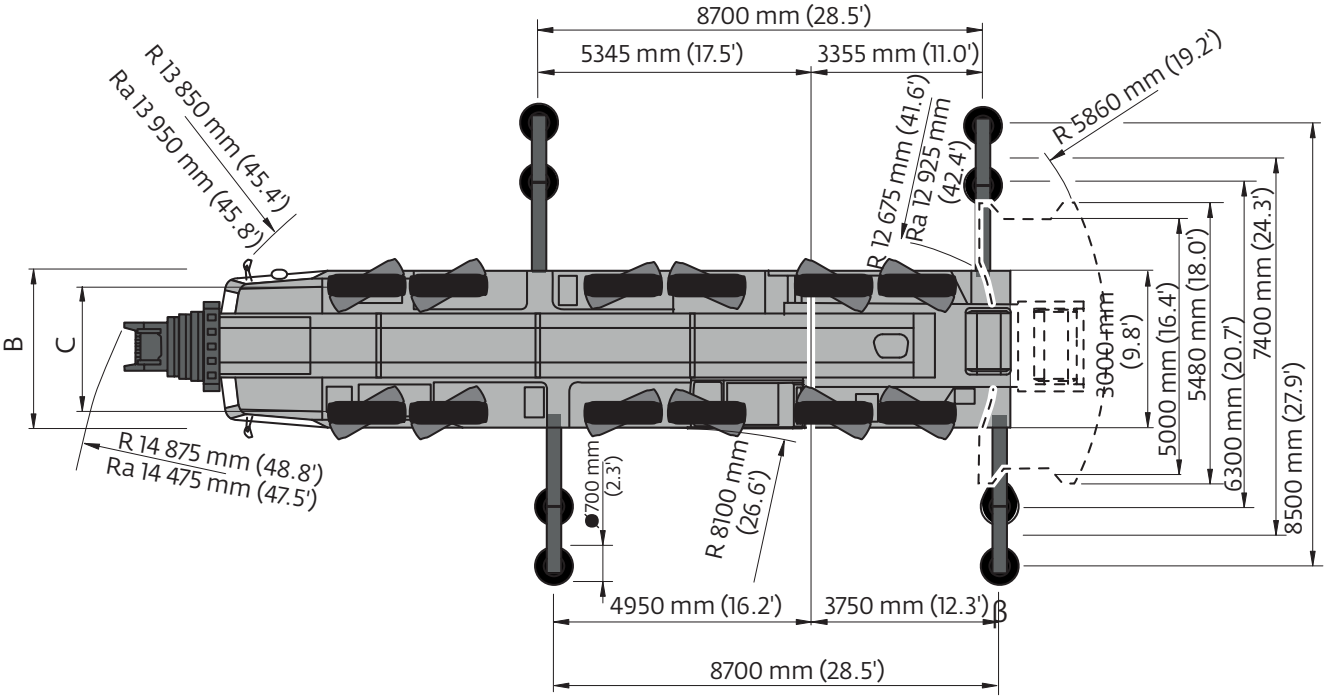
*Optional equipment

- 14.00R25 (385/95R25) tires
  (vehicle width. 3 m [9.8 ft])
- 20.5R25 (525/80R25) tires
  (vehicle width. 3,1 m [10.2 ft])
- Hydraulic driveline retarder integrated into Allison transmission
- Engine independent diesel cab heater, with engine pre-heater. Includes 24 hour timer.
- Strobe light
- Spare tire and wheel with carry bracket
- Trailer hitch
- Steel outrigger pads
- Engine shut down valve
- Tier III Engine: Mercedes Benz OM 502 LA, 420 kW (571 hp) at 1800 rpm. Max-torque: 2700 Nm at 1080 rpm

**Denotes optional equipment*

Dimensions



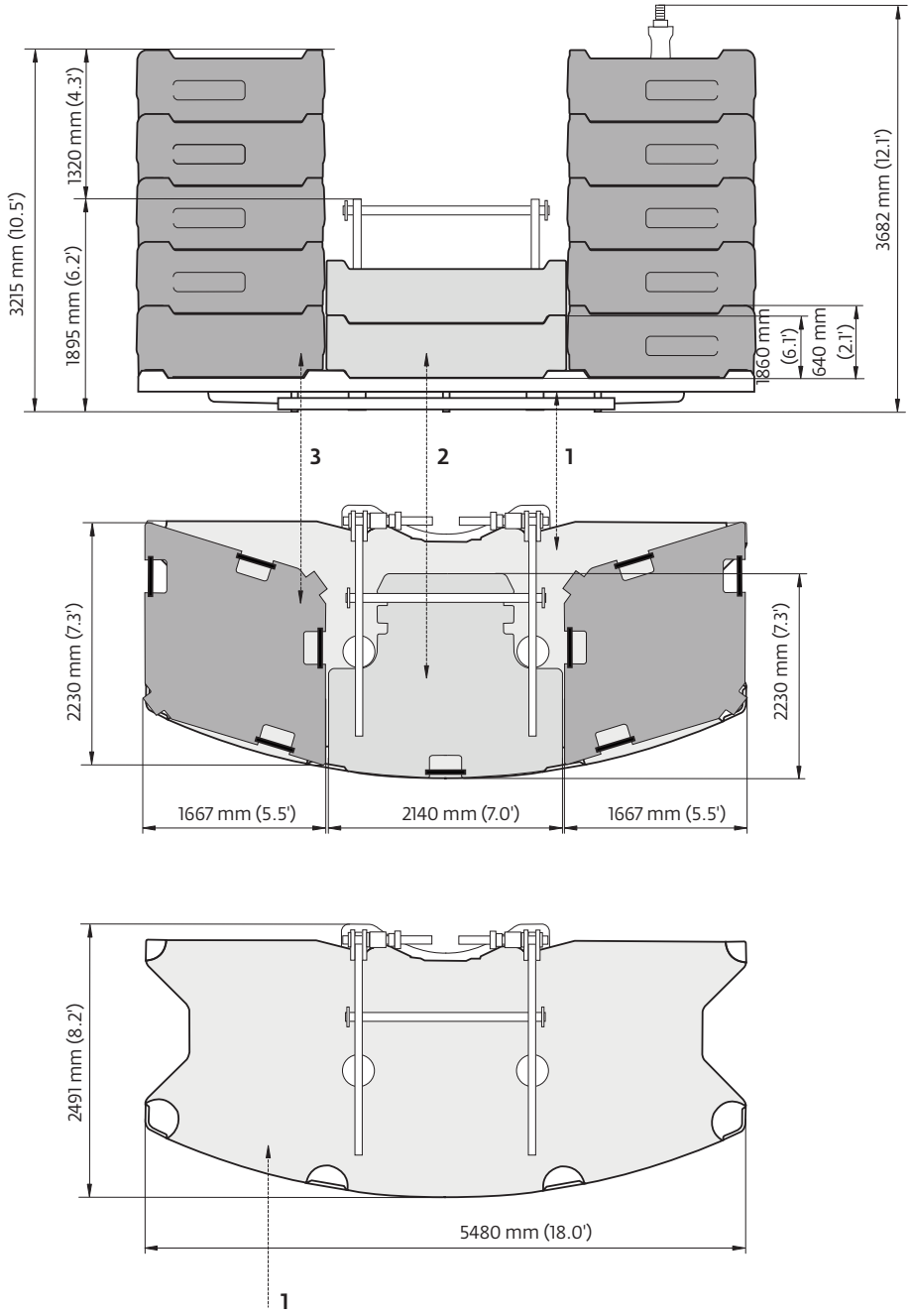


Tires	A	A *130 mm (0.4')	B	C	D	E	F	α	β	β_1
14.00 R25	3956 mm (13.0')	3826 mm (12.6')	2970 mm (9.7')	2570 mm (8.4')	1815 mm (6.0')	400 mm (1.3')	209 mm (0.7')	14°	11°	8°
16.00 R25	4000 mm (13.1')	3870 mm (12.7')	2975 mm (9.8')	2510 mm (8.2')	1865 mm (6.1')	450 mm (1.5')	260 mm (0.9')	16°	13°	10°
20.5 R25	4000 mm (13.1')	3870 mm (12.7')	3070 mm (10.1')	2530 mm (8.3')	1865 mm (6.1')	450 mm (1.5')	260 mm (0.9')	16°	13°	10°

Ra = Radius all wheels steered
*Lowered

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Dimensions

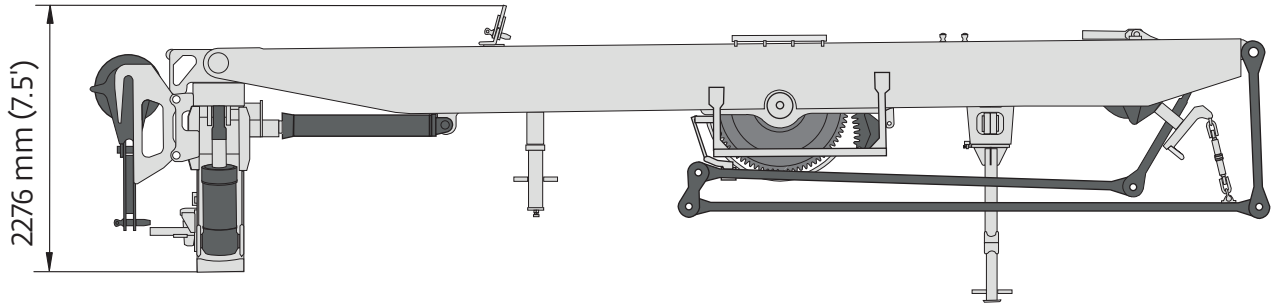


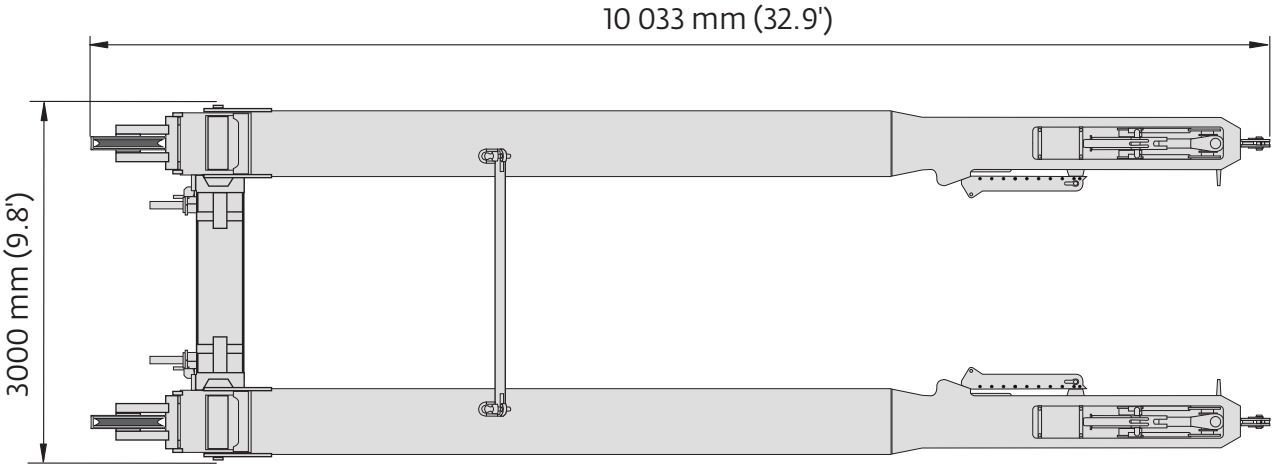
	①	②	③
15,0 t (33,000 lb)	X		
35,0 t (77,000 lb)	X		2X
55,0 t (121,000 lb)	X	2X	2X
75,0 t (165,500 lb)	X	2X	4X
95,0 t (209,500 lb)	X	2X	6X
115,0 t (253,500 lb)	X	2X	8X
135,0 t (297,600 lb)	X	2X	10X

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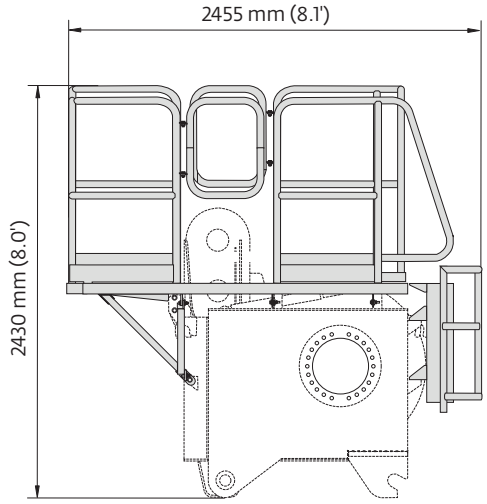
Dimensions

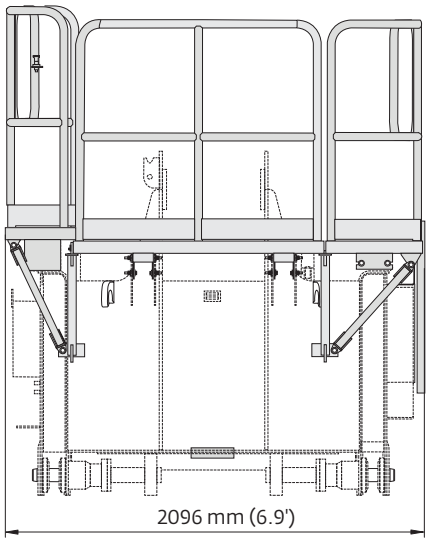
MegaWingLift™





Auxiliary hoist





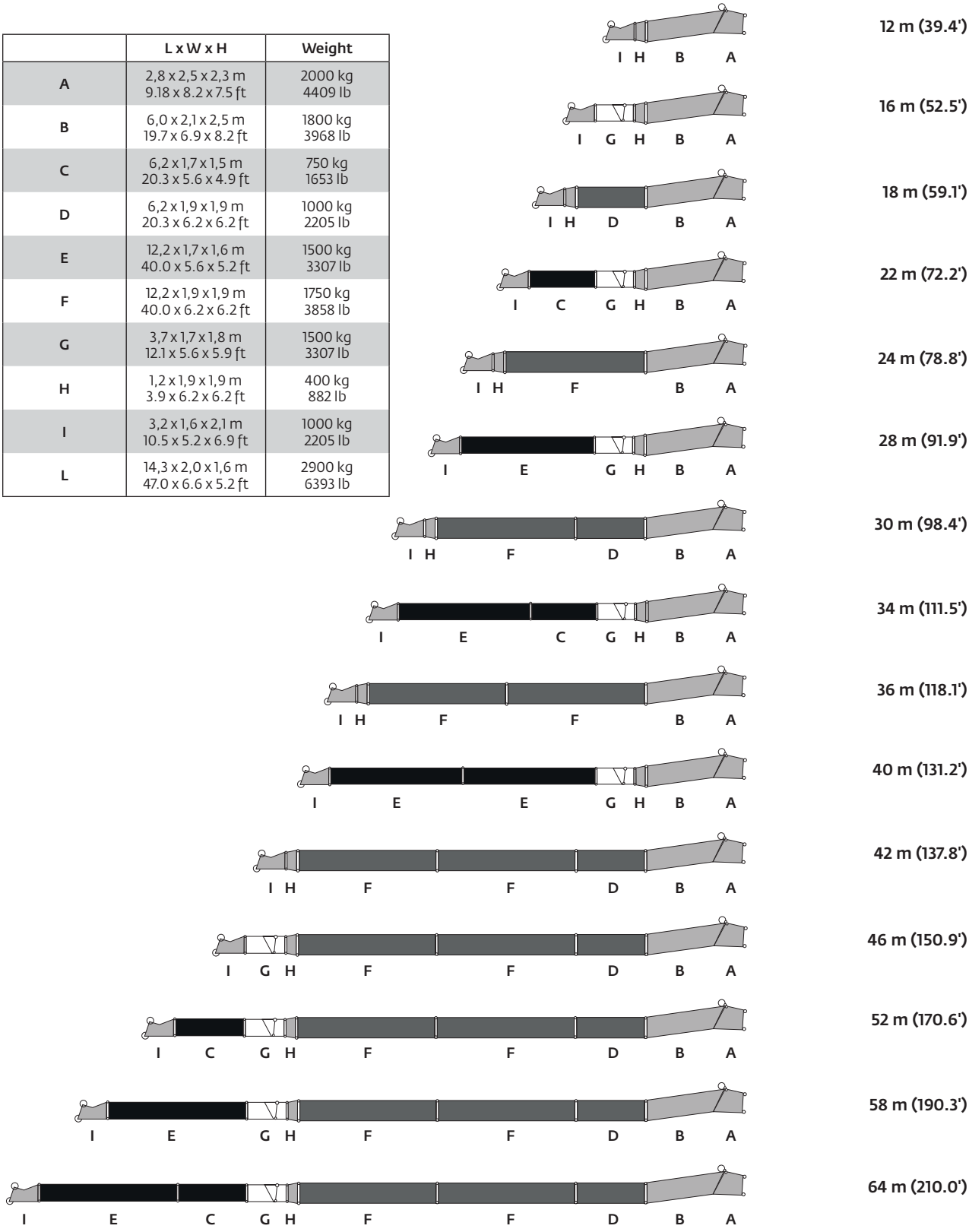
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Dimensions

Lattice extension

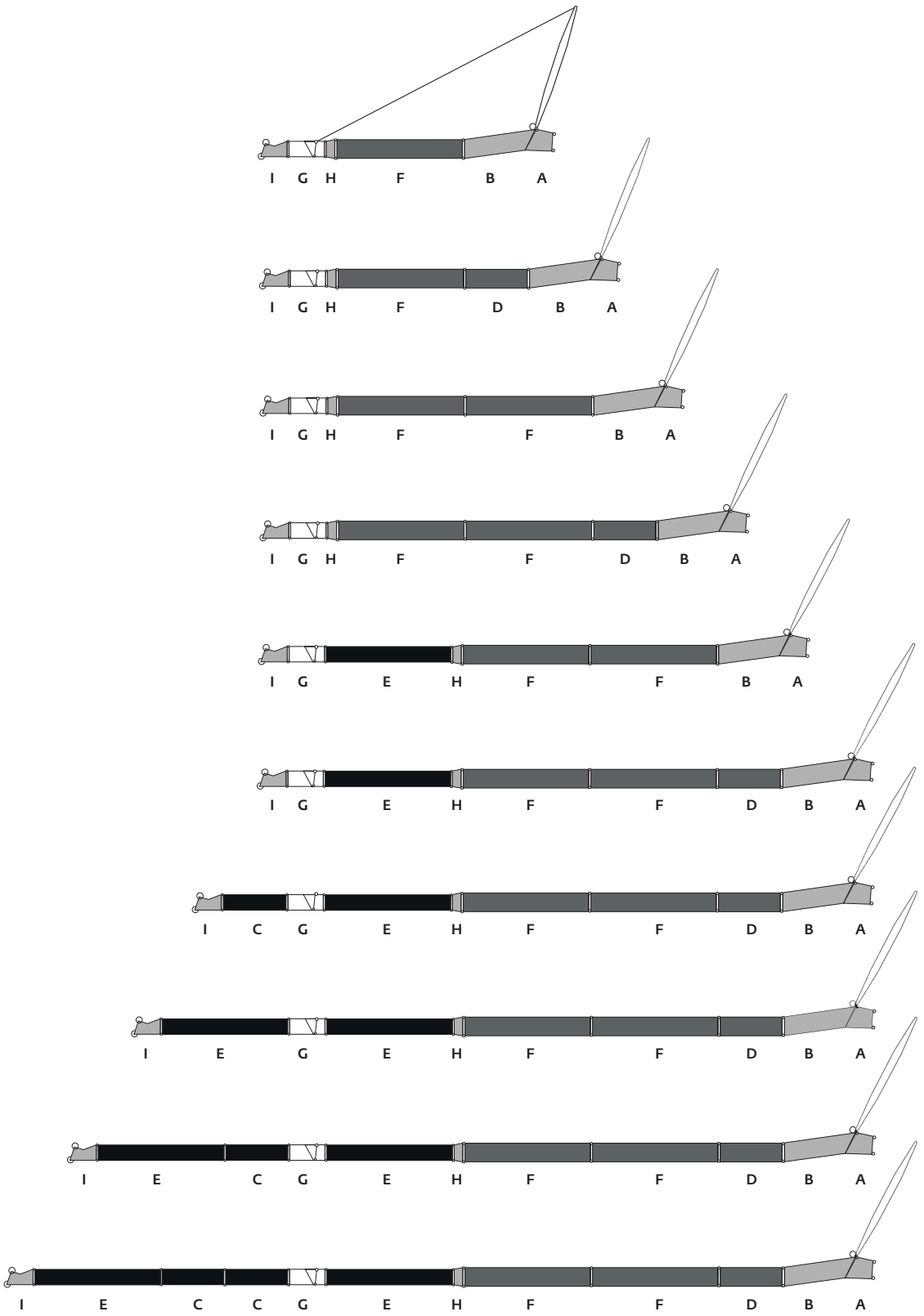
Lattice extension dimensions

	L x W x H	Weight
A	2,8 x 2,5 x 2,3 m 9.18 x 8.2 x 7.5 ft	2000 kg 4409 lb
B	6,0 x 2,1 x 2,5 m 19.7 x 6.9 x 8.2 ft	1800 kg 3968 lb
C	6,2 x 1,7 x 1,5 m 20.3 x 5.6 x 4.9 ft	750 kg 1653 lb
D	6,2 x 1,9 x 1,9 m 20.3 x 6.2 x 6.2 ft	1000 kg 2205 lb
E	12,2 x 1,7 x 1,6 m 40.0 x 5.6 x 5.2 ft	1500 kg 3307 lb
F	12,2 x 1,9 x 1,9 m 40.0 x 6.2 x 6.2 ft	1750 kg 3858 lb
G	3,7 x 1,7 x 1,8 m 12.1 x 5.6 x 5.9 ft	1500 kg 3307 lb
H	1,2 x 1,9 x 1,9 m 3.9 x 6.2 x 6.2 ft	400 kg 882 lb
I	3,2 x 1,6 x 2,1 m 10.5 x 5.2 x 6.9 ft	1000 kg 2205 lb
L	14,3 x 2,0 x 1,6 m 47.0 x 6.6 x 5.2 ft	2900 kg 6393 lb



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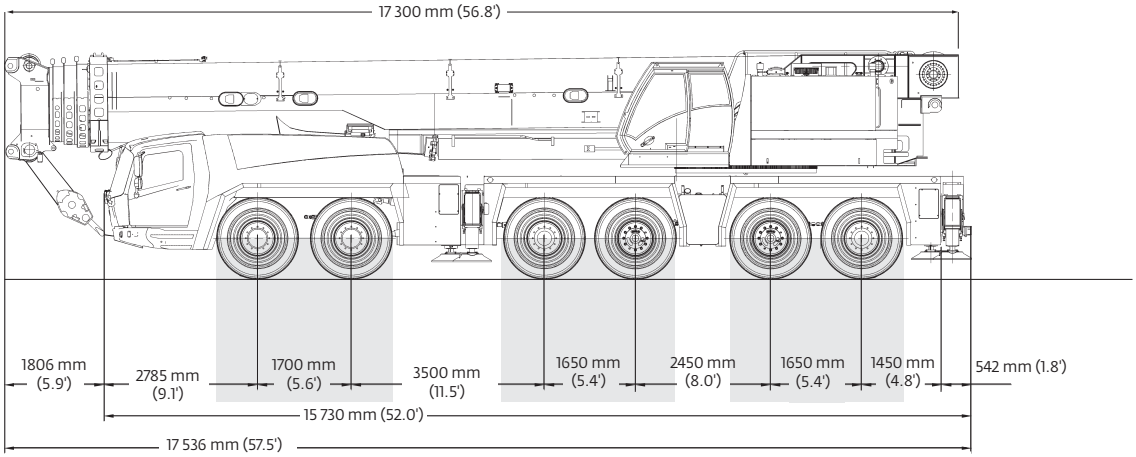
Luffing jib dimensions



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Transport proposals

PROVISIONAL- Boom over front



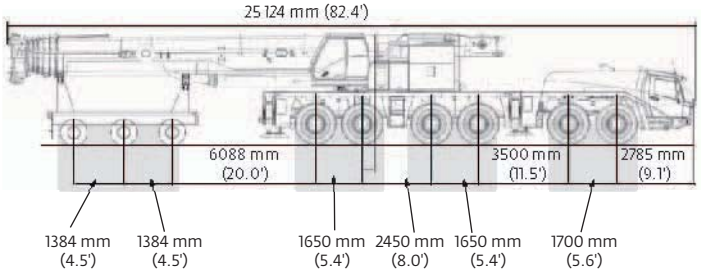
	Axles 1-2	Axles 3-6	Total GVW
Boom over front,rear outrigger box removed	27 246 kg (60,067 lb)	41 793 kg (92,129 lb)	69 039 kg (152,206 lb)
Boom over front,rear outrigger box installed	24 204 kg (53,361 lb)	49 960 kg (110,143 lb)	74 164 kg (163,504 lb)
Boom removed, rear outrigger box installed	9035 kg (19,919 lb)	38 809 kg (85,559 lb)	47 844 kg (105,479 lb)

Unit equipped with:

- 20.5 tires on aluminum rims
- Operator, 75 kg (165 lb)
- Welded on MegaWingLift™

Allow 3% variation in weight due to manufacturing tolerances

PROVISIONAL - Trailing boom with dolly



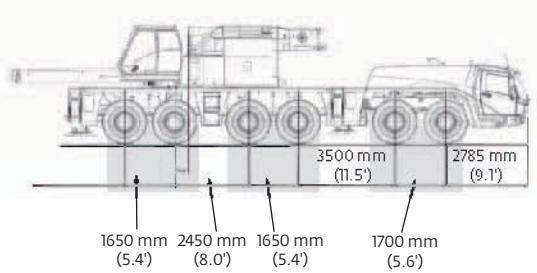
	Axles 1-2	Axles 3-6	Dolly	Total GVW
Boom in dolly over rear, rear outrigger box removed	16 242 kg (35,806 lb)	38 994 kg (85,966 lb)	17 492 kg (38,562 lb)	72 728 kg (160,335 lb)
Boom in dolly over rear, rear outrigger box installed	13 200 kg (29,100 lb)	47 161 kg (103,970 lb)	17 482 kg (38,563 lb)	77 853 kg (171,633 lb)

Unit equipped with:

- 20.5 tires on aluminum rims
- Operator, 75 kg (165 lb)
- Welded on MegaWingLift™ hardware
- 3-axle dolly (4309 kg [9500 lb])

Allow 3% variation in weight due to manufacturing tolerances

PROVISIONAL - Boom removed, superstructure over rear



	Axles 1-2	Axles 3-6	Total GVW
Boom removed, superstructure over rear	12 336 kg (27,196 lb)	30 397 kg (67,015 lb)	42 733 kg (94,210 lb)

Unit equipped with:

- Rear outrigger box removed
- 20.5 tires on aluminum rims
- Operator, 75 kg (165 lb)

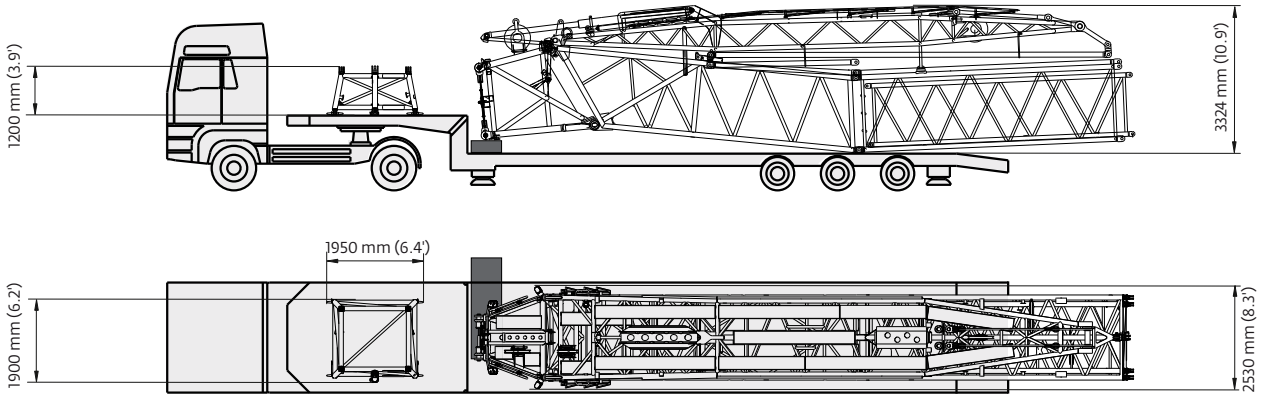
Allow 3% variation in weight due to manufacturing tolerances

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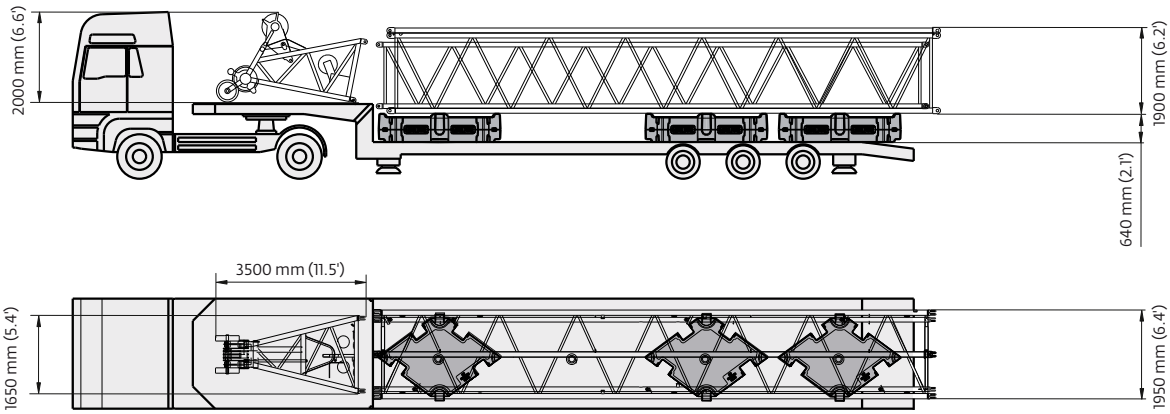
Transport proposals

Transport proposal

A+B+C+D+H+L



F+E+I

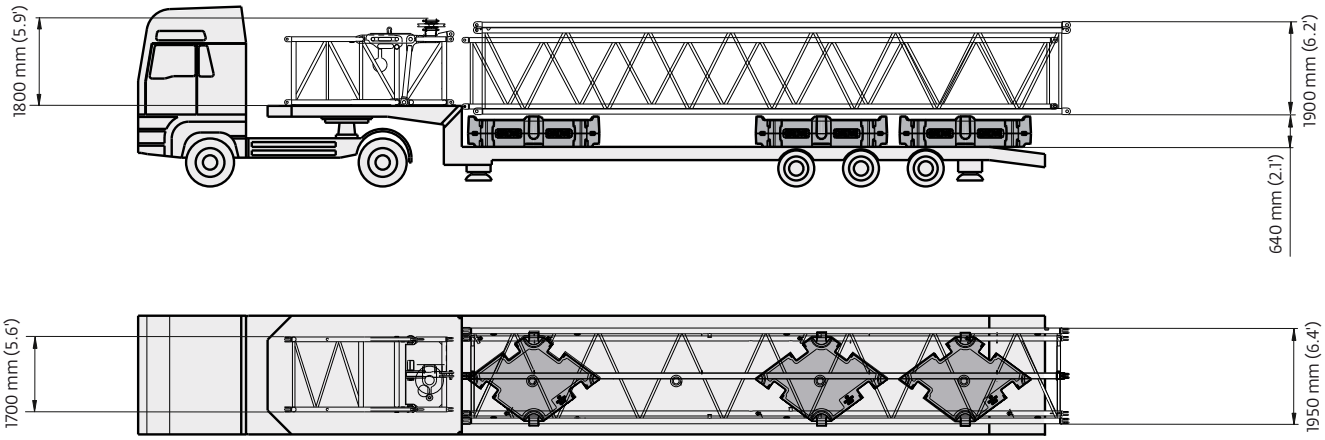


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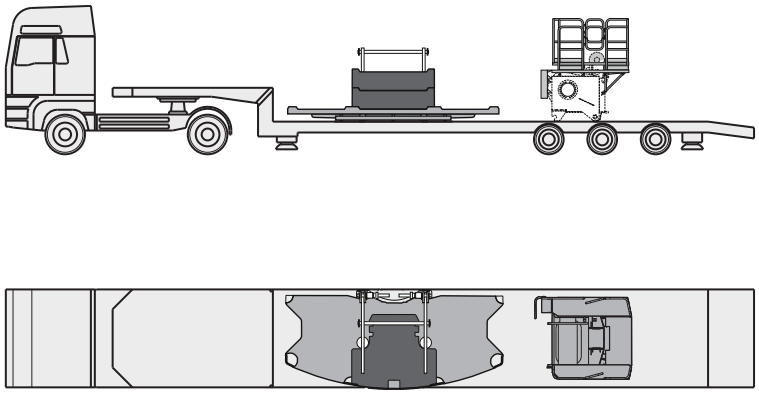
Transport proposals

Transport proposal

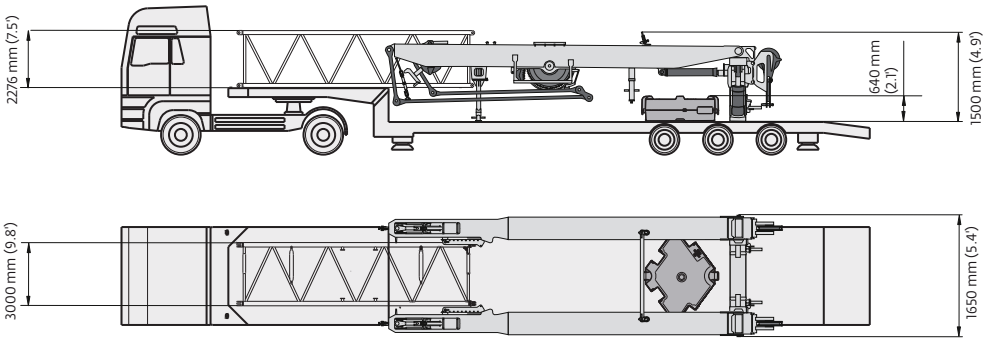
F+E+G



15 t (33,070 lb) baseplate + 2x10 t (22,046 lb) slab + auxiliary hoist



MegaWingLift™ + C



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Overview

50.5 ft – 196.9 ft 360°

ft / ft \ lb x1000	28.5 x 27.8 ft										28.5 x 24.2 ft									
	297.6	253.5	209.4	165.3	121.2	99.2	77.1	55.1	33.0	0.0	297.6	253.5	209.4	165.3	121.2	99.2	77.1	55.1	33.0	0.0
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
60.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
87.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
123.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
139.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
160.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
179.1	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	
192.4	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	
196.8	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	

ft / ft \ lb x1000	28.5 ft x 20.6 ft								28.5 ft x 16.4 ft					
	209.4	165.3	121.2	99.2	77.1	55.1	33.0	0.0	121.2	99.2	77.1	55.1	33.0	0.0
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•
60.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
87.3	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	
123.9	•	•	•	•	•	•	•	•	•	•	•	•	•	
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	
139.9	•	•	•	•	•	•	•	•	•	•	•	•	•	
147.0	•	•	•	•	•	•	•		•	•	•	•	•	
160.3	•	•	•	•	•	•	•		•	•	•	•	•	
163.0	•	•	•	•	•	•	•		•	•	•			
179.1	•	•	•	•	•	•			•	•	•			
192.4	•	•	•	•	•	•			•	•	•			
196.8	•	•	•	•	•	•			•	•	•			

114.8 ft - 196.8 ft + MegaWingLift™ 360°

ft / ft \ lb x1000	28.5 x 27.8 ft							28.5 x 24.2 ft					28.5 ft x 20.6 ft	
	297.6	253.5	209.5	165.5	121.0	99.0	77.0	297.6	253.5	209.5	165.5	121.0	209.5	165.5
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•
139.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•
196.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Load chart
Overview

Overview

 3° (25°)

 360°

ft	28.5 x 27.8 ft														
	297.6/ 253.5/ 209.5/ 165.5 k lb														
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 27.8 ft												
	121.0 k lb												
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 27.8 ft						
	77.0 k lb						
ft / lb x1000	39	52	59	72	79	92	98
50.5	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•

ft	28.5 x 24.3 ft														
	297.6/ 253.5/ 209.5/ 165.5 k lb														
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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Overview

 3° (25°)

 360°

ft	28.5 x 27.8 ft													
	121.0 k lb											77.0 k lb		
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	39	52	59
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 20.7 ft														
	209.5 k lb														
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
50.5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 20.7 ft											
	165.5 k lb											
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151
50.5	•	•	•	•	•	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 20.7 ft						
	121.0 k lb						
ft / lb x1000	39	52	59	72	79	92	98
50.5	•	•	•	•	•	•	•
66.6	•	•	•	•	•	•	•
82.7	•	•	•	•	•	•	•
98.8	•	•	•	•	•	•	•
114.8	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•

Load chart
Overview

Overview

 3° (25°) + MegaWingLift™  360°

ft	28.5 x 27.8 ft														
	297.6/ 253.5/ 209.5/ 165.5 k lb														
ft \ lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 27.8 ft												
	121.0 k lb												
ft \ lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 27.8 ft						
	77.0 k lb						
ft \ lb x1000	39	52	59	72	79	92	98
114.8	•	•	•	•	•		•
130.9	•	•	•	•	•		•
147.0	•	•	•	•	•		•
163.0	•	•	•	•	•		•
179.1	•	•	•	•	•		•

ft	28.5 x 24.3 ft														
	297.6/ 253.5/ 209.5/ 165.5 k lb														
ft \ lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ft	28,5 x 24.3 ft													
	121.0 k lb											77.0 k lb		
ft \ lb x1000	39	52	59	72	79	92	98	112	118	131	138	39	52	59
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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Overview

 3° (25°) + MegaWingLift™

 360°

ft	28.5 x 20.7 ft														
	209.5 k lb														
ft / lb x1000	39	52	59	72	79	92	98	112	118	131	138	151	171	190	210
114.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

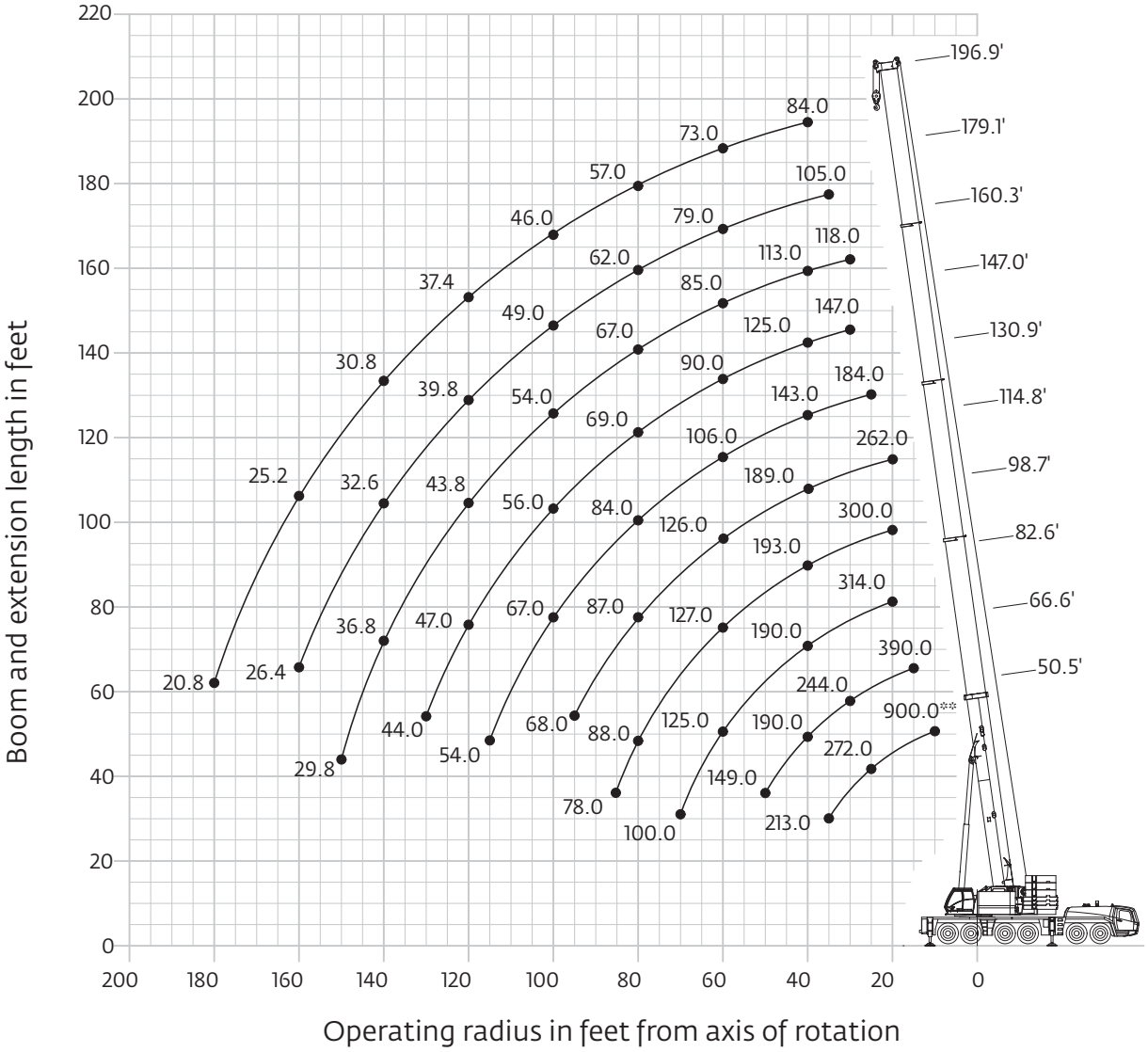
ft	28.5 x 20.7 ft											
	165.4 k lb											
ft / lb x1000	12	16	18	22	24	28	30	34	36	40	42	46
114.8	•	•	•	•	•	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•	•	•	•	•	•

ft	28.5 x 20.7 ft						
	121.0 k lb						
ft / lb x1000	39	52	59	72	79	92	98
114.8	•	•	•	•	•	•	•
130.9	•	•	•	•	•	•	•
147.0	•	•	•	•	•	•	•
163.0	•	•	•	•	•	•	•
179.1	•	•	•	•	•	•	•

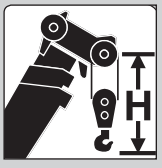
Working range

Main boom

15,4 m - 60 m (51 ft - 197 ft) main boom



Hook heights shown in the working diagram do not consider loaded boom deflection.



Hook block (USt)	H
320 D	4050 mm (13.3 ft)
250 D	3950 mm (13.0 ft)
200 D	3650 mm (12.0 ft)
160 D	3650 mm (12.0 ft)
100 D/E	3300 mm (10.8 ft)
40 D/E	3200 mm (10.5 ft)
16 H/B	2600 mm (8.5 ft)

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Load chart
Main boom



15,4 m - 60 m
(51 ft - 197 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	50.5*	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
8	900.00**															**8**
25			280.00													**25**
30		242.00	244.00	244.00	200.00	234.00		170.00	168.00		147.00					**30**
35		213.00	215.00	215.00	178.00	213.00	206.00	153.00	154.00		136.00	120.00	105.00			**35**
40			190.00	190.00	160.00	193.00	189.00	139.00	143.00	103.00	125.00	113.00	102.00	88.00	84.00	**40**
45			170.00	170.00	146.00	173.00	172.00	125.00	132.00	95.00	115.00	105.00	97.00	88.00	84.00	**45**
50			149.00	153.00	133.00	156.00	154.00	114.00	122.00	87.00	106.00	98.00	91.00	84.00	82.00	**50**
55				138.00	123.00	140.00	139.00	104.00	114.00	81.00	97.00	91.00	85.00	80.00	78.00	**55**
60				125.00	114.00	127.00	126.00	95.00	106.00	75.00	90.00	85.00	79.00	75.00	73.00	**60**
65				113.00	106.00	116.00	114.00	87.00	99.00	70.00	84.00	79.00	74.00	70.00	69.00	**65**
70				100.00	97.00	105.00	104.00	81.00	94.00	65.00	78.00	75.00	70.00	66.00	65.00	**70**
75						97.00	95.00	76.00	89.00	61.00	73.00	70.00	65.00	62.00	61.00	**75**
80						88.00	87.00	70.00	84.00	58.00	69.00	67.00	62.00	59.00	57.00	**80**
85						78.00	81.00	65.00	80.00	54.00	65.00	63.00	58.00	55.00	54.00	**85**
90							75.00	60.00	76.00	52.00	62.00	60.00	55.00	52.00	51.00	**90**
95							68.00	56.00	71.00	49.00	59.00	57.00	52.00	50.00	48.00	**95**
100								53.00	67.00	47.00	56.00	54.00	50.00	47.00	46.00	**100**
105								50.00	62.00	45.00	54.00	51.00	47.00	44.00	43.40	**105**
110								48.00	57.00	42.40	51.00	48.00	45.00	42.20	41.20	**110**
115									54.00	40.60	49.00	46.00	43.20	40.20	39.20	**115**
120										39.00	47.00	43.80	41.40	38.40	37.40	**120**
125											46.00	41.80	39.60	36.60	35.80	**125**
130											44.00	39.80	37.80	34.80	34.00	**130**
135												38.20	36.20	33.20	32.40	**135**
140												36.80	34.20	31.60	30.80	**140**
145												35.20	33.20	30.20	29.40	**145**
150												29.80	32.00	28.80	28.00	**150**
155													30.80	27.40	26.60	**155**
160													29.40	25.80	25.20	**160**
165														24.60	24.00	**165**
170														23.40	22.80	**170**
175														22.40	21.80	**175**
180															20.80	**180**

**Over rear*
***Over rear with special equipment*

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Load chart

Main boom



15,4 m - 60 m
(51 ft - 197 ft)



115 000 kg
(253,500 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
15		384.00													**15**
20	328.00	326.00	314.00	256.00	300.00	262.00									**20**
25	276.00	278.00	278.00	226.00	264.00	254.00		184.00							**25**
30	238.00	240.00	240.00	200.00	238.00	226.00	170.00	168.00	124.00	147.00	126.00				**30**
35	208.00	210.00	210.00	178.00	213.00	206.00	153.00	154.00	113.00	136.00	120.00	105.00			**35**
40		184.00	185.00	160.00	187.00	186.00	139.00	143.00	103.00	125.00	113.00	102.00	88.00	84.00	**40**
45		162.00	162.00	146.00	165.00	164.00	125.00	132.00	95.00	115.00	105.00	97.00	88.00	84.00	**45**
50		145.00	143.00	133.00	146.00	144.00	114.00	122.00	87.00	106.00	98.00	91.00	84.00	82.00	**50**
55			130.00	123.00	130.00	128.00	104.00	114.00	81.00	97.00	91.00	85.00	80.00	78.00	**55**
60			117.00	112.00	116.00	115.00	95.00	106.00	75.00	90.00	85.00	79.00	75.00	73.00	**60**
65			106.00	100.00	105.00	104.00	87.00	99.00	70.00	84.00	79.00	74.00	70.00	69.00	**65**
70			96.00	91.00	96.00	94.00	81.00	94.00	65.00	78.00	75.00	70.00	66.00	65.00	**70**
75					88.00	86.00	76.00	88.00	61.00	73.00	70.00	65.00	62.00	61.00	**75**
80					81.00	79.00	70.00	81.00	58.00	69.00	67.00	62.00	59.00	57.00	**80**
85					74.00	73.00	65.00	75.00	54.00	65.00	63.00	58.00	55.00	54.00	**85**
90						68.00	60.00	69.00	52.00	62.00	60.00	55.00	52.00	51.00	**90**
95						65.00	56.00	64.00	49.00	59.00	57.00	52.00	50.00	48.00	**95**
100							53.00	60.00	47.00	56.00	54.00	50.00	47.00	46.00	**100**
105							50.00	56.00	45.00	54.00	51.00	47.00	44.00	43.40	**105**
110							48.00	52.00	42.40	51.00	48.00	45.00	42.20	41.20	**110**
115								49.00	40.60	49.00	46.00	43.20	40.20	39.20	**115**
120									39.00	47.00	43.80	41.40	38.40	37.40	**120**
125										44.00	41.80	39.60	36.60	35.80	**125**
130										41.60	39.80	37.80	34.80	34.00	**130**
135											38.20	36.20	33.20	32.40	**135**
140											36.80	34.60	31.60	30.80	**140**
145											34.80	33.20	30.20	29.40	**145**
150											29.80	32.00	28.80	28.00	**150**
155												30.80	27.40	26.60	**155**
160												29.40	25.80	25.20	**160**
165													24.60	24.00	**165**
170													23.40	22.80	**170**
175													22.40	21.80	**175**
180														20.80	**180**

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Load chart
Main boom

15,4 m - 60 m
(51 ft - 197 ft)

95 000 kg
(209,400 lb)

8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)

360°

Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
10	494.00														10
15	392.00	390.00													15
20	320.00	322.00	314.00	256.00	300.00	262.00									20
25	272.00	274.00	274.00	226.00	264.00	254.00		184.00							25
30	232.00	234.00	236.00	200.00	238.00	226.00	170.00	168.00	124.00	147.00	126.00				30
35	199.00	201.00	201.00	178.00	204.00	202.00	153.00	154.00	113.00	136.00	120.00	105.00			35
40		172.00	171.00	160.00	174.00	173.00	139.00	143.00	103.00	125.00	113.00	102.00	88.00	84.00	40
45		150.00	151.00	146.00	151.00	149.00	125.00	132.00	95.00	115.00	105.00	97.00	88.00	84.00	45
50		131.00	133.00	127.00	132.00	131.00	114.00	122.00	87.00	106.00	98.00	91.00	84.00	82.00	50
55			118.00	113.00	117.00	116.00	104.00	114.00	81.00	97.00	91.00	85.00	80.00	78.00	55
60			106.00	100.00	105.00	104.00	95.00	106.00	75.00	90.00	85.00	79.00	75.00	73.00	60
65			95.00	90.00	95.00	93.00	87.00	95.00	70.00	84.00	79.00	74.00	70.00	69.00	65
70			87.00	81.00	86.00	85.00	80.00	87.00	65.00	78.00	75.00	70.00	66.00	65.00	70
75					79.00	79.00	72.00	79.00	61.00	73.00	70.00	65.00	62.00	61.00	75
80					72.00	74.00	67.00	73.00	58.00	69.00	67.00	62.00	59.00	57.00	80
85					67.00	69.00	63.00	67.00	54.00	65.00	63.00	58.00	55.00	54.00	85
90							60.00	62.00	52.00	62.00	60.00	55.00	52.00	51.00	90
95							55.00	57.00	49.00	58.00	57.00	52.00	50.00	48.00	95
100							50.00	52.00	47.00	53.00	53.00	50.00	47.00	46.00	100
105							46.00	48.00	45.00	49.00	49.00	47.00	44.00	43.40	105
110							42.40	46.00	42.40	45.00	45.00	45.00	42.20	41.20	110
115								44.00	40.60	42.00	41.60	42.40	40.20	39.20	115
120									39.00	40.00	38.60	39.20	37.80	37.20	120
125										37.20	35.80	36.40	35.00	34.40	125
130										34.80	33.20	33.80	32.40	32.00	130
135											31.00	31.60	30.00	29.60	135
140											28.80	29.40	27.80	27.40	140
145											26.80	27.40	25.80	25.40	145
150											25.00	25.60	24.00	23.40	150
155												23.80	22.20	21.80	155
160												22.20	20.60	20.20	160
165													19.00	18.60	165
170													17.60	17.20	170
175													16.40	16.00	175
180														14.80	180

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Load chart

Main boom



15,4 m - 60 m
(51 ft - 197 ft)



75 000 kg
(165,300 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
10	484.00														**10**
15	384.00	386.00													**15**
20	314.00	316.00	314.00	256.00	300.00	262.00									**20**
25	264.00	266.00	268.00	226.00	264.00	254.00		184.00							**25**
30	218.00	220.00	220.00	200.00	224.00	220.00	170.00	168.00	124.00	147.00	126.00				**30**
35	179.00	184.00	186.00	178.00	185.00	182.00	153.00	154.00	113.00	136.00	120.00	105.00			**35**
40		156.00	157.00	152.00	157.00	154.00	139.00	143.00	103.00	125.00	113.00	102.00	88.00	84.00	**40**
45		134.00	136.00	131.00	135.00	133.00	123.00	131.00	95.00	115.00	105.00	97.00	88.00	84.00	**45**
50		118.00	119.00	114.00	119.00	116.00	106.00	115.00	87.00	106.00	98.00	91.00	84.00	82.00	**50**
55			105.00	99.00	105.00	103.00	96.00	102.00	81.00	94.00	91.00	85.00	80.00	78.00	**55**
60			93.00	88.00	92.00	96.00	88.00	91.00	75.00	88.00	85.00	79.00	75.00	73.00	**60**
65			82.00	80.00	81.00	85.00	80.00	82.00	70.00	81.00	78.00	74.00	70.00	69.00	**65**
70			74.00	75.00	74.00	76.00	71.00	73.00	65.00	73.00	71.00	69.00	66.00	65.00	**70**
75					69.00	68.00	63.00	66.00	61.00	66.00	65.00	64.00	61.00	60.00	**75**
80					62.00	61.00	57.00	62.00	58.00	61.00	59.00	59.00	56.00	55.00	**80**
85					56.00	55.00	51.00	56.00	54.00	55.00	54.00	54.00	51.00	51.00	**85**
90						50.00	46.00	51.00	52.00	50.00	50.00	49.00	47.00	46.00	**90**
95						47.00	43.60	47.00	47.00	46.00	46.00	45.00	43.40	42.80	**95**
100							41.60	42.80	43.60	41.80	42.00	41.00	39.60	39.00	**100**
105							39.40	39.40	40.00	38.20	38.60	37.60	36.00	35.60	**105**
110							37.20	36.20	37.00	35.20	35.40	34.40	32.80	32.40	**110**
115								33.40	34.00	32.20	32.60	31.60	30.00	29.60	**115**
120									31.40	29.80	30.00	29.00	27.40	27.00	**120**
125										27.40	27.60	26.60	25.00	24.60	**125**
130										25.20	25.40	23.20	22.80	22.40	**130**
135											23.60	22.40	20.80	20.40	**135**
140											21.80	20.60	19.00	18.60	**140**
145												19.00	17.40	17.00	**145**
150												17.40	15.80	15.40	**150**
155												16.00	14.40	14.00	**155**
160												14.60	13.00	12.60	**160**
165													11.80	11.40	**165**
170													10.60	10.20	**170**
175													9.60	9.00	**175**
180														8.00	**180**

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Load chart
Main boom



15,4 m - 60 m
(51 ft - 197 ft)



55 000 kg
(121,200 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192,4	196.9	Feet
10	476.00														**10**
15	376.00	378.00													**15**
20	308.00	308.00	310.00	256.00	300.00	262.00									**20**
25	246.00	248.00	248.00	226.00	244.00	226.00		177.00	184.00						**25**
30	194.00	199.00	201.00	191.00	191.00	179.00	166.00	161.00	168.00	147.00	126.00				**30**
35	159.00	164.00	165.00	154.00	157.00	147.00	137.00	144.00	144.00	133.00	120.00	105.00			**35**
40		134.00	137.00	128.00	131.00	130.00	122.00	122.00	122.00	118.00	113.00	102.00	88.00	84.00	**40**
45		111.00	113.00	111.00	112.00	112.00	104.00	105.00	105.00	102.00	99.00	95.00	88.00	84.00	**45**
50		93.00	95.00	98.00	99.00	97.00	91.00	95.00	94.00	91.00	87.00	85.00	81.00	80.00	**50**
55			81.00	84.00	86.00	84.00	80.00	84.00	84.00	80.00	79.00	75.00	72.00	71.00	**55**
60			72.00	73.00	74.00	73.00	69.00	74.00	74.00	72.00	70.00	67.00	64.00	63.00	**60**
65			63.00	64.00	65.00	64.00	63.00	65.00	65.00	64.00	63.00	60.00	57.00	56.00	**65**
70			56.00	57.00	58.00	57.00	59.00	57.00	58.00	57.00	57.00	54.00	52.00	51.00	**70**
75					51.00	52.00	53.00	51.00	51.00	50.00	51.00	49.00	47.00	46.00	**75**
80					46.00	46.00	47.00	45.00	46.00	45.00	45.00	44.00	42.20	41.40	**80**
85					41.40	41.60	43.40	40.80	41.20	40.20	40.60	39.40	38.00	37.40	**85**
90						37.60	38.40	36.80	37.20	36.20	36.40	35.40	33.80	33.40	**90**
95						34.00	34.80	33.20	33.60	32.60	32.80	31.80	30.20	29.80	**95**
100							31.60	30.00	30.40	29.40	29.60	28.60	27.00	26.60	**100**
105							28.60	27.20	27.60	26.40	26.80	25.80	24.20	23.80	**105**
110							26.00	24.60	25.00	24.00	24.20	23.20	21.60	21.20	**110**
115								22.40	22.80	21.60	21.80	20.80	19.40	18.80	**115**
120										19.60	19.80	18.80	17.20	16.80	**120**
125										17.60	17.80	16.80	15.20	14.80	**125**
130										16.00	16.20	15.00	13.60	13.20	**130**
135											14.60	13.40	12.00	11.60	**135**
140											13.20	12.00	10.40	10.00	**140**
145											10.20	10.60	9.00	8.60	**145**
150											9.00	9.40	7.80	7.40	**150**
155												8.20	6.60	6.20	**155**
160												7.20	5.60	5.20	**160**
165													4.60	4.20	**165**
170													3.60		**170**

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Load chart

Main boom

15,4 m - 60 m
(51 ft - 197 ft)

45 000 kg
(99,200 lb)

8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)

360˚

Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
10	470.00														**10**
15	372.00	374.00													**15**
20	300.00	302.00	302.00	256.00	292.00	262.00									**20**
25	232.00	234.00	234.00	219.00	218.00	201.00		184.00							**25**
30	183.00	188.00	181.00	169.00	170.00	159.00	152.00	154.00	124.00	142.00	126.00				**30**
35	138.00	146.00	147.00	137.00	139.00	136.00	128.00	128.00	113.00	123.00	118.00	105.00			**35**
40		116.00	119.00	117.00	118.00	115.00	107.00	111.00	103.00	106.00	102.00	98.00	88.00	84.00	**40**
45		95.00	99.00	100.00	102.00	98.00	92.00	96.00	95.00	91.00	89.00	85.00	81.00	79.00	**45**
50		79.00	83.00	84.00	86.00	85.00	83.00	84.00	83.00	80.00	78.00	74.00	71.00	69.00	**50**
55			71.00	72.00	73.00	74.00	75.00	73.00	73.00	70.00	69.00	66.00	62.00	61.00	**55**
60			61.00	62.00	64.00	64.00	65.00	63.00	64.00	62.00	61.00	58.00	55.00	54.00	**60**
65			53.00	54.00	55.00	56.00	57.00	55.00	56.00	54.00	55.00	52.00	49.00	48.00	**65**
70			47.00	47.00	49.00	49.00	50.00	49.00	50.00	48.00	48.00	47.00	44.00	43.20	**70**
75					43.20	43.40	44.00	43.00	43.80	42.00	42.40	41.20	39.40	38.60	**75**
80					38.40	38.60	39.40	38.20	39.00	37.20	37.60	36.40	35.00	34.40	**80**
85					34.20	34.40	35.20	34.00	34.80	33.00	33.40	32.20	30.80	30.20	**85**
90						30.80	31.60	30.40	31.20	29.40	29.60	28.60	27.20	26.60	**90**
95						27.60	28.40	27.20	28.00	26.20	26.40	25.40	23.80	23.40	**95**
100							25.40	24.40	25.00	23.40	23.60	22.60	21.00	20.60	**100**
105							23.00	21.80	22.60	20.80	21.00	20.00	18.40	18.00	**105**
110							20.60	19.60	20.20	18.60	18.80	17.80	16.20	15.80	**110**
115								17.60	18.20	16.40	16.80	15.60	14.20	13.80	**115**
120									16.40	14.60	14.80	13.80	12.40	11.80	**120**
125										13.00	13.20	12.20	10.60	10.20	**125**
130										11.40	11.60	10.60	9.00	8.60	**130**
135											10.20	9.20	7.60	7.20	**135**
140											9.00	7.80	6.20	5.80	**140**
145											6.20	6.60	5.00	4.60	**145**
150											5.00	5.60	4.00	4.60	**150**
155												4.60			**155**
160												3.60			**160**

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Load chart
Main boom



15,4 m - 60 m
(51 ft - 197 ft)



35 000 kg
(77,100 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192,4	196.9	Feet
10	466.00														**10**
15	368.00	370.00													**15**
20	288.00	292.00	276.00	256.00	256.00	232.00	157.00								**20**
25	217.00	216.00	204.00	190.00	189.00	175.00	138.00	168.00							**25**
30	153.00	161.00	157.00	152.00	148.00	137.00	134.00	135.00	124.00	130.00	122.00				**30**
35	115.00	122.00	126.00	123.00	125.00	118.00	110.00	114.00	112.00	108.00	102.00	99.00			**35**
40		96.00	101.00	102.00	104.00	100.00	99.00	96.00	95.00	91.00	86.00	84.00	79.00	78.00	**40**
45		78.00	82.00	84.00	85.00	86.00	86.00	82.00	81.00	78.00	74.00	72.00	68.00	67.00	**45**
50		65.00	69.00	70.00	71.00	72.00	73.00	71.00	71.00	68.00	64.00	63.00	59.00	58.00	**50**
55			58.00	59.00	60.00	61.00	62.00	60.00	61.00	59.00	56.00	55.00	52.00	51.00	**55**
60			49.00	50.00	52.00	52.00	53.00	52.00	53.00	51.00	49.00	48.00	45.00	44.00	**60**
65			42.40	43.40	45.00	45.00	46.00	45.00	46.00	43.80	42.20	42.60	39.60	38.80	**65**
70			36.80	37.80	39.00	39.40	40.20	39.00	39.80	38.00	36.40	37.20	35.00	34.20	**70**
75					34.20	34.40	35.40	34.00	34.80	33.00	31.40	32.20	30.80	30.20	**75**
80					30.00	30.20	31.20	29.80	30.60	28.80	27.40	28.20	26.60	26.20	**80**
85					26.40	26.60	27.40	26.20	27.00	25.20	23.80	24.40	23.00	22.40	**85**
90						23.40	24.20	23.00	23.80	22.00	20.60	21.40	19.80	19.40	**90**
95						20.60	21.40	20.40	21.00	19.20	17.80	18.60	17.00	16.60	**95**
100							19.00	17.80	18.60	16.80	15.40	16.00	14.60	14.20	**100**
105							16.80	15.60	16.40	14.60	13.20	13.80	12.40	12.00	**105**
110							14.80	13.80	14.40	12.60	11.20	12.00	10.40	10.00	**110**
115								12.00	12.60	11.00	9.40	10.20	8.60	8.20	**115**
120									11.20	9.40	7.80	8.60	7.00	6.60	**120**
125										7.80	6.40	7.00	5.60	5.20	**125**
130											5.20	5.80	4.20	3.80	**130**
135											4.00	4.60			**135**

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Load chart

Main boom


15,4 m - 60 m
(51 ft - 197 ft)


25 000 kg
(55,100 lb)


8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)


360˚




Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
10	462.00														**10**
15	364.00	366.00													**15**
20	270.00	258.00	242.00	224.00	220.00	201.00	157.00								**20**
25	182.00	186.00	175.00	162.00	163.00	152.00	138.00	149.00							**25**
30	125.00	133.00	136.00	136.00	131.00	125.00	124.00	118.00	116.00	111.00	107.00				**30**
35	92.00	100.00	105.00	106.00	107.00	102.00	102.00	97.00	96.00	92.00	89.00	84.00			**35**
40		78.00	82.00	84.00	85.00	85.00	85.00	81.00	80.00	77.00	74.00	70.00	65.00	64.00	**40**
45		62.00	66.00	68.00	69.00	70.00	71.00	68.00	68.00	65.00	63.00	59.00	55.00	54.00	**45**
50		51.00	55.00	56.00	57.00	58.00	59.00	57.00	58.00	55.00	54.00	51.00	47.00	46.00	**50**
55			46.00	47.00	48.00	48.00	49.00	48.00	49.00	47.00	47.00	43.80	40.60	39.60	**55**
60			38.40	39.40	40.80	41.00	42.20	40.60	41.60	39.60	40.00	38.00	35.00	34.20	**60**
65			27.60	33.40	34.80	35.00	36.00	34.60	35.60	33.60	34.00	33.00	30.40	29.60	**65**
70				28.60	29.80	30.20	31.00	29.80	30.60	28.80	29.00	28.00	26.40	25.60	**70**
75					25.60	26.00	26.80	25.60	26.40	24.60	24.80	23.80	22.20	21.80	**75**
80					22.20	22.40	23.20	22.00	22.80	21.00	21.40	20.20	18.60	18.20	**80**
85					19.00	19.20	20.20	18.80	19.60	17.80	18.20	17.20	15.60	15.20	**85**
90						16.60	17.40	16.20	17.00	15.20	15.60	14.40	13.00	12.40	**90**
95						14.20	15.00	13.80	14.60	12.80	13.20	12.00	10.60	10.20	**95**
100							13.00	11.80	12.60	10.80	11.00	10.00	8.40	8.00	**100**
105							11.00	10.00	10.60	8.80	9.20	8.00	6.60	6.20	**105**
110							9.40	8.20	9.00	7.20	7.40	6.40	5.00	4.40	**110**
115								6.80	7.40	5.60	6.00	5.00			**115**
120									6.20	4.40	4.60	3.60			**120**


15,4 m - 60 m
(51 ft - 197 ft)


15 000 kg
(33,000 lb)


8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)


360˚




Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	179.1	192.4	196.9	Feet
10	456.00														**10**
15	358.00	360.00													**15**
20	234.00	220.00	203.00	195.00	185.00	167.00	157.00								**20**
25	142.00	152.00	148.00	147.00	141.00	133.00	131.00	129.00							**25**
30	95.00	104.00	109.00	111.00	109.00	104.00	103.00	102.00	95.00	91.00	87.00				**30**
35	69.00	77.00	81.00	83.00	84.00	83.00	82.00	81.00	77.00	73.00	70.00	66.00			**35**
40		58.00	63.00	64.00	66.00	66.00	67.00	67.00	63.00	60.00	58.00	54.00	50.00	49.00	**40**
45		46.00	50.00	51.00	53.00	53.00	54.00	54.00	53.00	50.00	48.00	45.00	41.40	40.40	**45**
50		36.20	40.20	41.40	42.80	43.20	44.00	44.00	43.80	41.80	40.80	37.80	34.40	33.40	**50**
55			32.80	33.80	35.20	35.60	36.60	36.60	36.20	34.20	34.40	31.60	28.60	27.80	**55**
60			26.80	27.80	29.20	29.60	30.60	30.60	30.00	28.20	28.60	26.60	23.80	23.00	**60**
65			22.00	23.00	24.40	24.60	25.60	25.60	25.20	23.20	23.60	22.40	19.80	19.00	**65**
70			18.00	19.00	20.20	20.60	21.60	21.60	21.00	19.20	19.60	18.40	16.20	15.60	**70**
75					16.80	17.00	18.00	18.00	17.60	15.80	16.00	15.00	13.40	12.60	**75**
80					14.00	14.20	15.00	15.00	114.60	12.80	13.20	12.00	10.60	10.00	**80**
85					11.40	11.60	12.40	12.40	12.00	10.20	10.60	9.60	8.00	7.60	**85**
90						9.40	10.20	10.20	9.80	8.00	8.40	7.40	5.80	5.40	**90**
95						7.40	8.20	8.20	7.80	6.00	6.40	5.40	3.80		**95**
100							6.60	6.60	6.20	4.40	4.60	3.60			**100**
105							5.00	5.00	4.60						**105**
110							3.60	3.60							**110**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Load chart

Main boom



15,4 m - 60 m
(51 ft - 197 ft)



0 kg
(0 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





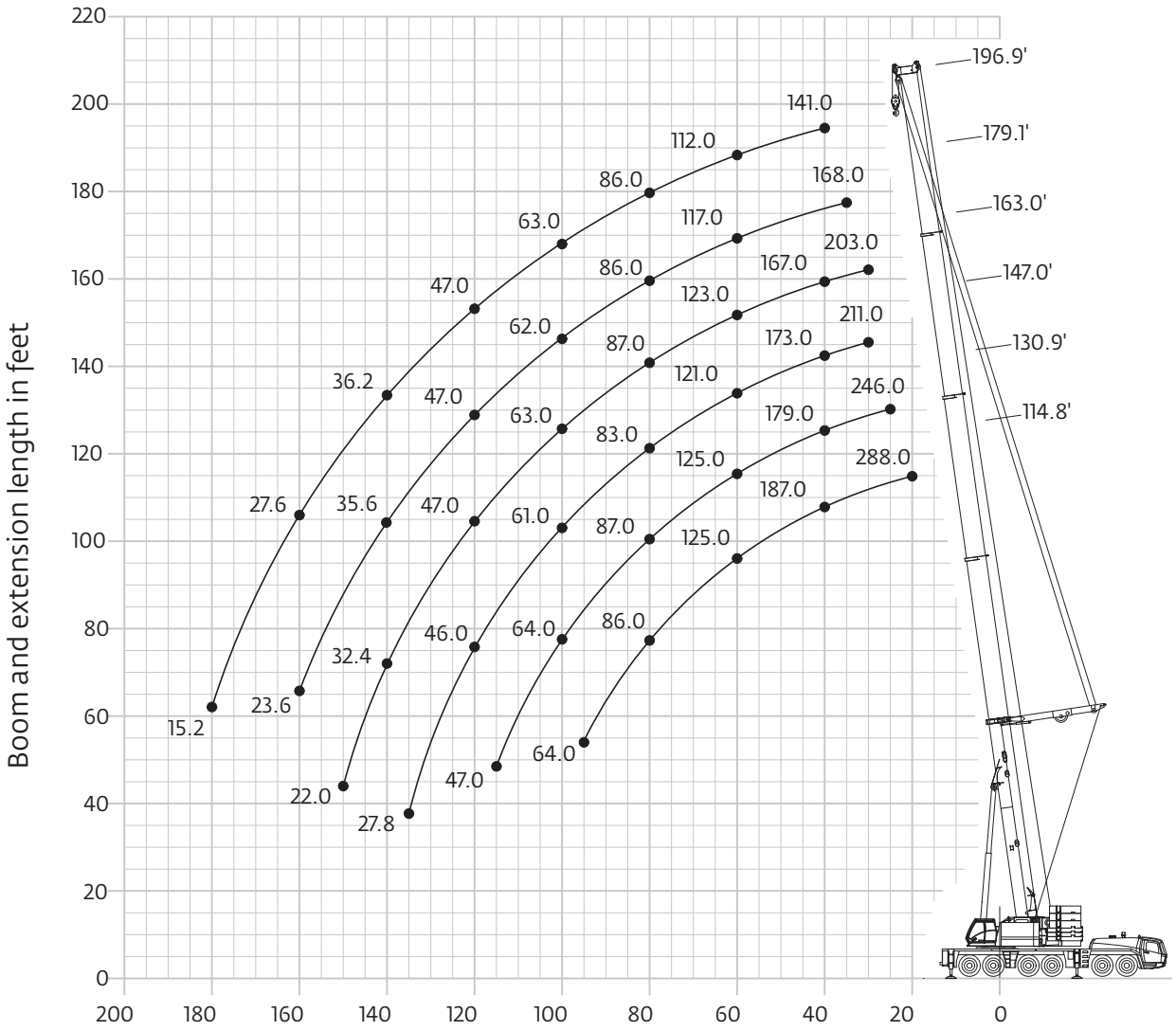
Pounds x 1000

Feet	50.5	66.6	82.6	87.3	98.7	114.8	123.9	130.9	139.9	147.0	163.0	Feet
10	448.00											**10**
15	304.00	266.00										**15**
20	140.00	153.00	145.00	143.00	135.00	124.00	122.00					**20**
25	80.00	90.00	96.00	97.00	93.00	87.00	86.00	80.00				**25**
30	50.00	59.00	64.00	65.00	67.00	63.00	63.00	58.00	57.00	53.00	51.00	**30**
35	33.00	40.80	45.00	47.00	50.00	47.00	47.00	43.40	43.00	39.40	38.80	**35**
40		28.60	33.20	34.40	37.00	35.80	36.20	33.20	33.00	29.80	29.60	**40**
45		20.20	24.40	25.60	28.20	27.60	28.20	25.60	25.80	22.80	22.80	**45**
50		14.00	18.00	19.20	21.40	21.00	22.00	19.80	20.20	17.40	17.60	**50**
55			13.00	14.20	16.40	15.80	17.00	15.40	15.60	13.20	13.40	**55**
60			9.00	10.20	12.40	11.80	12.80	11.40	12.00	9.60	10.00	**60**
65			5.80	6.80	9.00	8.60	9.60	8.20	9.00	6.80	7.00	**65**
70				4.20	6.40	5.80	6.80	5.40	6.20	4.40	4.60	**70**
75					4.00	3.40	4.40		4.00			**75**

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Working range
Main boom and MegaWingLift™

34,9 m - 60 m (51 ft - 197 ft) main boom and MegaWingLift™



Operating radius in feet from axis of rotation

Hook heights shown in the working diagram do not consider loaded boom deflection.

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Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
25		240.00					**25**
30	226.00	212.00	206.00	203.00			**30**
35	204.00	196.00	190.00	184.00	168.00		**35**
40	187.00	179.00	172.00	167.00	161.00	141.00	**40**
45	168.00	165.00	158.00	153.00	147.00	132.00	**45**
50	151.00	152.00	147.00	141.00	135.00	125.00	**50**
55	137.00	138.00	137.00	131.00	126.00	118.00	**55**
60	125.00	125.00	125.00	123.00	117.00	112.00	**60**
65	113.00	114.00	114.00	113.00	110.00	106.00	**65**
70	103.00	104.00	104.00	104.00	103.00	100.00	**70**
75	94.00	95.00	95.00	95.00	94.00	94.00	**75**
80	86.00	87.00	87.00	87.00	86.00	86.00	**80**
85	79.00	80.00	80.00	80.00	79.00	79.00	**85**
90	73.00	74.00	74.00	73.00	73.00	73.00	**90**
95	64.00	68.00	68.00	68.00	67.00	68.00	**95**
100		64.00	63.00	63.00	62.00	63.00	**100**
105		59.00	59.00	58.00	58.00	58.00	**105**
110		51.00	55.00	54.00	54.00	54.00	**110**
115		47.00	51.00	51.00	50.00	50.00	**115**
120			47.00	47.00	47.00	47.00	**120**
125			41.40	44.00	43.40	44.00	**125**
130			38.00	41.60	40.60	41.20	**130**
135				37.60	38.00	38.60	**135**
140				32.40	35.60	36.20	**140**
145				30.60	33.20	33.80	**145**
150				22.00	29.20	31.80	**150**
155					25.80	29.80	**155**
160					23.60	27.60	**160**
165						24.40	**165**
170						20.80	**170**
175						20.40	**175**
180						15.20	**180**

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Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



115 000 kg
(253,500 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360˚





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	288.00						20
25	254.00	246.00					25
30	226.00	218.00	211.00	203.00			30
35	204.00	196.00	190.00	184.00	168.00		35
40	185.00	179.00	172.00	167.00	161.00	141.00	40
45	164.00	165.00	158.00	153.00	147.00	132.00	45
50	145.00	146.00	146.00	141.00	135.00	125.00	50
55	129.00	130.00	130.00	130.00	126.00	118.00	55
60	116.00	116.00	116.00	116.00	115.00	112.00	60
65	104.00	105.00	105.00	104.00	103.00	104.00	65
70	94.00	95.00	95.00	94.00	93.00	94.00	70
75	85.00	86.00	86.00	86.00	85.00	85.00	75
80	78.00	79.00	79.00	78.00	77.00	78.00	80
85	72.00	72.00	72.00	72.00	71.00	72.00	85
90	66.00	67.00	66.00	66.00	65.00	66.00	90
95	61.00	61.00	61.00	61.00	60.00	61.00	95
100		57.00	57.00	56.00	55.00	56.00	100
105		53.00	53.00	52.00	51.00	52.00	105
110		49.00	49.00	48.00	48.00	48.00	110
115		46.00	45.00	45.00	44.00	45.00	115
120			42.40	42.00	41.00	41.60	120
125			39.60	39.00	38.20	38.80	125
130			37.00	36.40	35.60	36.20	130
135				34.00	33.20	33.60	135
140				31.80	30.80	31.40	140
145				29.80	28.60	29.40	145
150				22.00	26.40	27.00	150
155					24.20	25.00	155
160					22.20	23.00	160
165						21.00	165
170						19.40	170
175						17.80	175
180						15.20	180

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Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



95 000 kg
(209,400 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	292.00						**20**
25	254.00	246.00					**25**
30	226.00	218.00	211.00	203.00			**30**
35	204.00	196.00	190.00	184.00	168.00		**35**
40	176.00	176.00	172.00	167.00	161.00	141.00	**40**
45	152.00	153.00	153.00	151.00	145.00	132.00	**45**
50	133.00	133.00	133.00	132.00	127.00	124.00	**50**
55	117.00	118.00	118.00	117.00	113.00	111.00	**55**
60	104.00	105.00	105.00	104.00	101.00	99.00	**60**
65	93.00	94.00	94.00	94.00	91.00	89.00	**65**
70	84.00	85.00	85.00	85.00	82.00	81.00	**70**
75	76.00	77.00	77.00	77.00	75.00	74.00	**75**
80	70.00	70.00	70.00	70.00	68.00	67.00	**80**
85	64.00	64.00	64.00	64.00	62.00	61.00	**85**
90	58.00	59.00	59.00	59.00	57.00	56.00	**90**
95	54.00	54.00	54.00	54.00	52.00	52.00	**95**
100		50.00	50.00	49.00	48.00	48.00	**100**
105		46.00	46.00	45.00	43.80	43.80	**105**
110		41.80	41.60	41.00	39.80	40.40	**110**
115		38.20	38.00	37.40	36.20	37.00	**115**
120			34.60	34.20	33.00	33.80	**120**
125			31.60	31.20	30.00	30.80	**125**
130			29.00	28.40	27.20	28.00	**130**
135				25.80	24.60	25.40	**135**
140				23.60	22.40	23.20	**140**
145				21.40	20.20	21.00	**145**
150				19.66	18.20	19.00	**150**
155					16.40	17.00	**155**
160					14.80	15.40	**160**
165						13.80	**165**
170						12.20	**170**
175						10.80	**175**
180						9.60	**180**

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Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



75 000 kg
(165,300 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	292.00						**20**
25	254.00	246.00					**25**
30	226.00	218.00	211.00	199.00			**30**
35	189.00	186.00	178.00	170.00	162.00		**35**
40	159.00	157.00	151.00	145.00	139.00	135.00	**40**
45	136.00	135.00	130.00	125.00	120.00	117.00	**45**
50	119.00	118.00	114.00	110.00	105.00	103.00	**50**
55	105.00	104.00	100.00	97.00	93.00	91.00	**55**
60	93.00	92.00	89.00	86.00	83.00	81.00	**60**
65	83.00	82.00	80.00	77.00	74.00	72.00	**65**
70	73.00	74.00	72.00	69.00	66.00	65.00	**70**
75	64.00	65.00	65.00	62.00	60.00	59.00	**75**
80	57.00	58.00	58.00	56.00	54.00	53.00	**80**
85	51.00	52.00	52.00	51.00	49.00	48.00	**85**
90	46.00	47.00	46.00	46.00	44.00	43.80	**90**
95	40.80	41.80	41.60	41.00	40.00	39.80	**95**
100		37.60	37.40	36.80	35.80	36.20	**100**
105		33.80	33.60	33.00	31.80	32.80	**105**
110		30.40	30.20	29.60	28.40	29.40	**110**
115		27.40	27.20	26.60	25.40	26.20	**115**
120			24.40	23.80	22.60	23.40	**120**
125			21.80	21.20	20.00	20.80	**125**
130			19.60	19.00	17.80	18.60	**130**
135				16.80	15.60	16.40	**135**
140				14.80	13.60	14.40	**140**
145				13.00	11.80	12.60	**145**
150				11.40	10.20	10.80	**150**
155					8.60	9.20	**155**
160					7.20	7.80	**160**
165						6.40	**165**
170						5.20	**170**
175						4.00	**175**

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Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



55 000 kg
(121,200 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	292.00						**20**
25	244.00	230.00					**25**
30	192.00	184.00	175.00	166.00			**30**
35	157.00	152.00	145.00	138.00	132.00		**35**
40	131.00	127.00	122.00	117.00	112.00	108.00	**40**
45	112.00	109.00	105.00	101.00	96.00	93.00	**45**
50	97.00	94.00	91.00	87.00	83.00	81.00	**50**
55	84.00	82.00	79.00	76.00	73.00	71.00	**55**
60	72.00	72.00	70.00	67.00	64.00	63.00	**60**
65	62.00	63.00	62.00	60.00	57.00	56.00	**65**
70	54.00	55.00	55.00	53.00	50.00	50.00	**70**
75	47.00	48.00	48.00	47.00	45.00	44.00	**75**
80	41.00	42.20	42.00	41.60	39.80	39.40	**80**
85	36.00	37.00	36.80	36.40	35.20	35.20	**85**
90	31.40	32.60	32.40	31.80	30.80	31.60	**90**
95	27.60	29.60	28.40	27.80	26.80	27.60	**95**
100		25.00	25.00	24.40	23.20	24.20	**100**
105		22.00	21.80	21.20	20.00	21.00	**105**
110		19.20	19.00	18.40	17.20	18.20	**110**
115		16.60	16.40	15.80	14.80	15.60	**115**
120			14.20	13.60	12.40	13.20	**120**
125			12.00	11.60	10.40	11.20	**125**
130			10.20	9.60	8.40	9.20	**130**
135				7.80	6.60	7.40	**135**
140				6.20	5.00	5.80	**140**
145				4.80	3.60	4.20	**145**



15,4 m - 60 m
(51 ft - 197 ft)



45 000 kg
(99,200 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°





Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	292.00						**20**
25	219.00	208.00					**25**
30	172.00	165.00	157.00	149.00			**30**
35	140.00	135.00	129.00	123.00	117.00		**35**
40	117.00	113.00	108.00	104.00	98.00	96.00	**40**
45	99.00	96.00	93.00	89.00	84.00	82.00	**45**
50	85.00	83.00	80.00	76.00	73.00	71.00	**50**
55	72.00	72.00	69.00	66.00	63.00	62.00	**55**
60	61.00	62.00	61.00	58.00	55.00	54.00	**60**
65	52.00	53.00	53.00	51.00	48.00	48.00	**65**
70	45.00	46.00	46.00	45.00	42.60	42.00	**70**
75	38.60	39.80	39.60	39.20	37.60	37.20	**75**
80	33.40	34.40	34.20	33.80	32.60	32.80	**80**
85	28.80	29.80	29.60	29.20	28.00	28.80	**85**
90	24.80	25.80	25.60	25.00	24.00	24.80	**90**
95	21.20	22.20	22.00	21.60	20.40	21.20	**95**
100		19.00	19.00	18.40	17.20	18.00	**100**
105		16.20	16.00	15.60	14.40	15.20	**105**
110		13.80	13.60	13.00	11.80	12.80	**110**
115		11.60	11.20	10.80	9.60	10.80	**115**
120			9.20	8.60	7.60	8.40	**120**
125			7.40	6.80	5.60	6.40	**125**
130			5.60	5.00	4.00	4.60	**130**
135				3.60			**135**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Load chart

Main boom and MegaWingLift™



15,4 m - 60 m
(51 ft - 197 ft)



35 000 kg
(77,100 lb)



8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)



360°



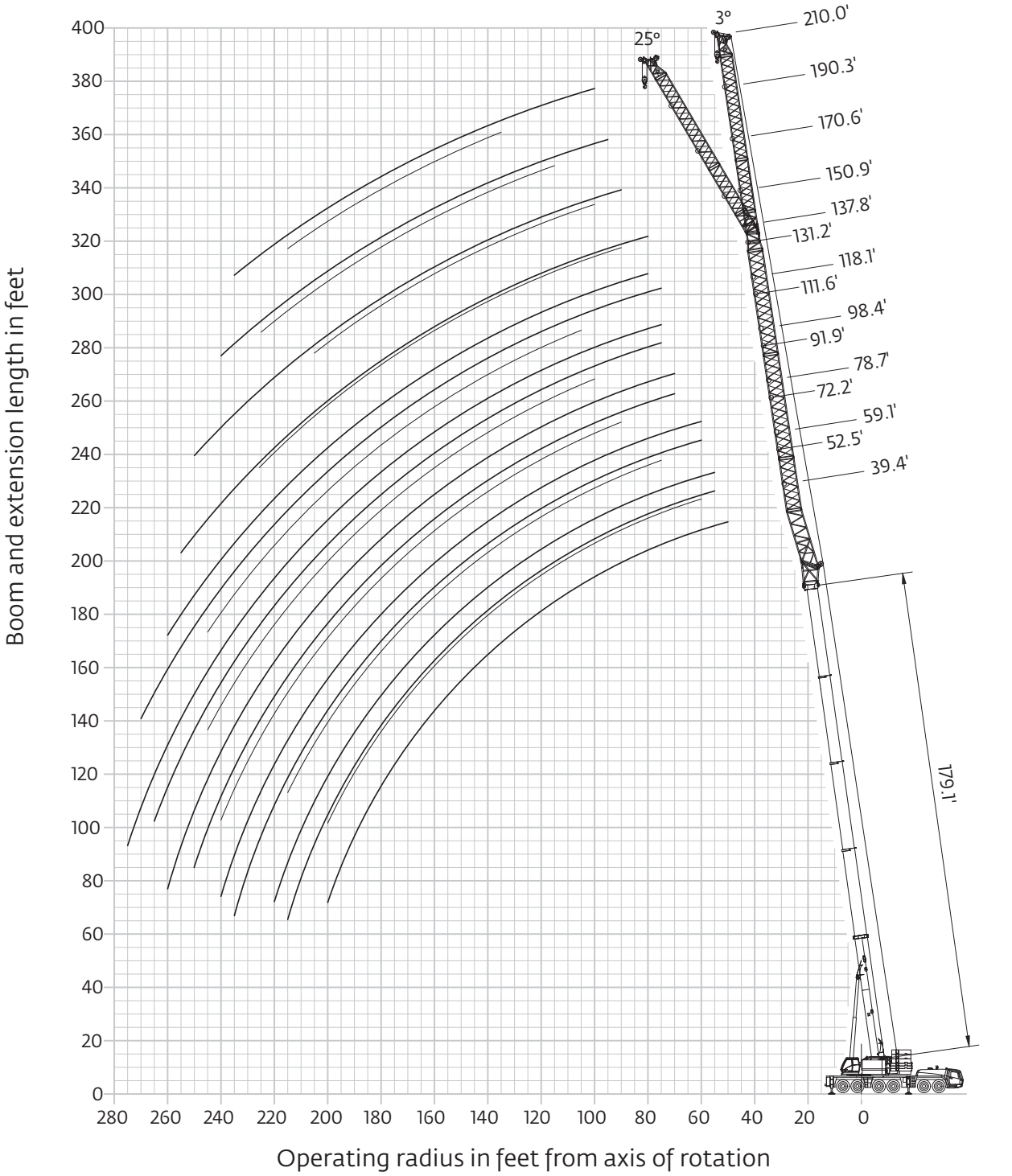


Pounds x 1000

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
20	258.00						**20**
25	192.00	182.00					**25**
30	150.00	144.00	137.00	129.00			**30**
35	122.00	117.00	112.00	107.00	101.00		**35**
40	101.00	98.00	93.00	89.00	84.00	82.00	**40**
45	85.00	83.00	79.00	76.00	72.00	70.00	**45**
50	71.00	71.00	68.00	65.00	61.00	60.00	**50**
55	59.00	60.00	59.00	56.00	53.00	52.00	**55**
60	49.00	51.00	51.00	48.00	46.00	45.00	**60**
65	41.60	42.80	42.60	42.20	39.60	39.00	**65**
70	35.20	36.20	36.20	35.60	34.20	33.80	**70**
75	29.60	30.80	30.60	30.20	29.00	29.40	**75**
80	25.00	26.00	26.00	25.40	24.20	25.20	**80**
85	21.00	22.00	21.80	21.40	20.20	21.20	**85**
90	17.40	18.40	18.40	17.80	16.60	17.60	**90**
95	14.20	15.40	15.20	14.60	13.60	14.40	**95**
100		12.60	12.40	12.00	10.80	11.60	**100**
105		10.20	10.00	9.40	8.20	9.20	**105**
110		8.00	7.80	7.20	6.00	6.80	**110**
115		6.00	5.80	5.20	4.00	4.80	**115**
120			4.00				**120**

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Main boom and lattice extension



Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Lattice extension


49,69 m
(163 ft)
80°


12 m - 64 m
(39.4 ft - 210.0 ft)
3°


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°




Pounds x 1000

Feet	39.4	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
45	76.00										45
50	74.00	66.00									50
55	71.00	64.00	53.00								55
60	67.00	62.00	53.00	40.60							60
65	63.00	59.00	52.00	39.40							65
70	59.00	55.00	50.00	38.20	32.20						70
75	56.00	52.00	48.00	37.20	31.20	26.00	22.80				75
80	52.00	49.00	45.00	36.00	30.20	25.20	22.00	18.60			80
85	49.00	46.00	43.60	35.00	29.40	24.40	21.40	18.00			85
90	46.00	43.00	41.40	34.00	28.40	23.60	20.60	17.40	15.00		90
95	43.20	40.60	39.40	33.00	27.40	23.00	20.00	16.80	14.40	12.60	95
100	40.80	38.20	37.20	32.20	26.40	22.20	19.40	16.20	14.00	12.20	100
105	38.60	36.00	35.20	31.20	25.60	21.60	18.80	15.80	13.40	11.80	105
110	36.40	33.80	33.00	30.40	24.80	21.00	18.20	15.20	13.00	11.40	110
115	34.40	31.80	31.20	29.20	24.20	20.40	17.60	14.60	12.60	11.00	115
120	32.60	30.00	29.40	28.00	23.60	19.80	17.00	14.20	12.00	10.60	120
125	30.80	28.20	27.60	26.60	23.00	19.20	16.40	13.60	11.60	10.00	125
130	29.00	26.20	25.80	25.40	22.20	18.60	15.80	13.20	11.20	9.80	130
135	27.40	24.80	24.40	24.20	21.80	18.20	15.40	12.80	10.80	9.40	135
140	25.80	23.40	23.20	23.00	21.20	17.80	15.00	12.40	10.40	9.00	140
145	24.20	22.00	21.80	21.80	20.60	17.20	14.40	11.80	10.00	8.60	145
150	22.80	20.60	20.60	20.40	20.00	16.80	14.00	11.40	9.60	8.20	150
155	21.40	19.60	19.40	19.40	19.20	16.40	13.60	11.20	9.40	8.00	155
160	20.20	18.40	18.40	18.40	18.20	16.00	13.20	10.80	9.00	7.60	160
165	19.00	17.20	17.20	17.40	17.20	15.60	12.80	10.40	8.60	7.40	165
170	18.00	16.20	16.20	16.40	16.20	15.20	12.40	10.00	8.20	7.00	170
175	17.00	15.40	15.40	15.60	15.40	14.60	12.00	9.60	8.00	6.80	175
180	16.00	14.40	14.60	14.60	14.60	14.00	11.60	9.40	7.80	6.40	180
185	15.00	13.40	13.80	13.80	13.80	13.40	11.40	9.00	7.40	6.20	185
190	11.00	12.60	12.80	13.00	13.00	12.80	11.00	8.80	7.20	6.00	190
195		11.60	12.00	12.20	12.20	12.20	10.60	8.40	6.80	5.80	195
200			11.20	11.40	11.40	11.60	10.20	8.20	6.60	5.40	200
205			10.40	10.80	10.80	11.00	9.60	8.00	6.40	5.20	205
210			9.80	10.20	10.20	10.20	9.00	7.60	6.20	5.00	210
215			9.00	9.40	9.40	9.60	8.40	7.40	6.00	4.80	215
220			5.40	8.80	8.80	9.00	7.80	7.00	5.60	4.60	220
225				8.20	8.20	8.40	7.20	6.60	5.40	4.40	225
230				7.60	7.80	7.80	6.60	6.00	5.20	4.20	230
235				6.60	7.20	7.40	6.20	5.60	5.00	4.00	235
240					6.60	6.80	5.80	5.00	4.80	3.80	240
245					6.00	6.40	5.20	4.60	4.40	3.60	245
250					5.60	5.80	4.80	4.00	4.00		250
255					3.80	5.40	4.20	3.60	3.60		255
260						4.80	3.80				260
265						4.40					265
270						4.00					270

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Load chart
Lattice extension


49,69 m (163 ft) 80°


16 m - 64 m (52.5 ft - 210.0 ft) 25°


135 000 kg (297,600 lb)


8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)


360°




Pounds x 1000

Feet	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
55	57.00									**55**
60	54.00									**60**
65	51.00									**65**
70	49.00	41.80								**70**
75	46.00	39.80								**75**
80	43.60	38.00	30.20			20.40				**80**
85	41.00	36.20	29.60			20.40				**85**
90	38.40	34.60	29.20			20.20				**90**
95	35.80	33.00	28.40	21.20		19.60	15.60			**95**
100	33.20	31.20	27.40	20.60	16.80	19.00	15.60			**100**
105	31.20	29.80	26.20	20.20	16.20	18.40	15.20	12.00		**105**
110	29.20	28.20	25.20	20.00	15.80	17.80	14.80	12.00		**110**
115	27.20	26.60	24.20	19.60	15.60	17.20	14.20	12.00		**115**
120	25.20	25.00	23.20	19.20	15.20	16.80	13.80	11.60	9.20	**120**
125	23.40	23.60	22.40	18.80	14.80	16.20	13.40	11.20	9.20	**125**
130	22.20	22.20	21.40	18.40	14.40	15.60	13.00	10.80	9.20	**130**
135	20.80	20.80	20.40	17.80	14.20	15.00	12.60	10.40	9.00	**135**
140	19.40	19.40	19.40	17.40	14.00	14.40	12.20	5.00	8.60	**140**
145	18.00	18.20	18.40	16.80	13.60	13.60	11.60	9.80	8.40	**145**
150	16.80	17.20	17.40	16.40	13.40	13.00	11.20	9.60	8.00	**150**
155	15.80	16.20	16.40	15.80	13.00	12.40	10.80	9.20	7.80	**155**
160	14.80	15.00	15.40	15.00	12.80	11.80	10.40	8.80	7.60	**160**
165	13.80	14.00	14.40	14.20	12.60	11.20	10.00	8.60	7.40	**165**
170	12.80	13.00	13.60	13.60	12.40	10.60	9.60	8.20	7.00	**170**
175	11.80	12.20	12.80	12.80	12.20	10.00	9.20	8.00	6.80	**175**
180	11.00	11.40	12.00	12.00	12.00	9.40	8.80	7.80	6.60	**180**
185	10.20	10.60	11.00	11.40	11.80	9.00	8.20	7.40	6.20	**185**
190	9.40	9.80	10.20	10.60	11.20	8.40	7.80	7.20	6.00	**190**
195		9.00	9.60	10.00	10.60	7.80	7.40	6.80	5.80	**195**
200		8.40	9.00	9.20	10.20	7.20	7.00	6.40	5.40	**200**
205			8.20	8.40	9.60	6.60	6.60	6.00	5.20	**205**
210			7.60	7.80	9.00	6.00	6.00	5.80	5.00	**210**
215			6.80	7.20	8.60	5.60	5.60	5.40	4.60	**215**
220			6.20	6.60	8.00	5.00	5.20	5.00	4.40	**220**
225				6.00	7.40	4.40	4.60	4.60	4.00	**225**
230				5.40	6.80	3.80	4.20	4.40	3.80	**230**
235				4.80	6.20		3.60	3.80		**235**
240				4.40	5.60					**240**
245					5.20					**245**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Load chart

Lattice extension



54,59 m
(179.1 ft)
80°



12 m - 64 m
(39.4 ft - 210.0 ft)
3°



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	39.4	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
50	62.00										**50**
55	61.00	53.00									**55**
60	59.00	53.00	42.80								**60**
65	57.00	51.00	42.80								**65**
70	54.00	49.00	42.80	35.80							**70**
75	52.00	47.00	41.40	35.00	29.80	24.40					**75**
80	49.00	45.00	39.80	34.20	29.20	23.80	19.80				**80**
85	46.00	42.80	38.20	33.60	28.40	23.20	19.80				**85**
90	43.80	40.80	36.60	32.80	27.40	22.60	19.20	15.80			**90**
95	41.40	38.60	35.20	31.60	26.60	22.00	18.80	15.60	13.20		**95**
100	39.00	36.40	33.60	30.40	26.00	21.40	18.40	15.20	12.80	11.00	**100**
105	37.00	34.40	32.20	29.20	25.40	21.00	17.80	14.80	12.40	10.80	**105**
110	34.80	32.40	30.80	28.00	24.80	20.40	17.40	14.40	12.20	10.40	**110**
115	33.00	30.60	29.20	26.80	24.00	20.00	16.80	14.00	11.80	10.20	**115**
120	31.00	28.80	27.80	25.60	23.00	19.40	16.40	13.60	11.40	9.80	**120**
125	29.20	27.00	26.20	24.20	22.20	19.00	16.00	13.20	11.00	9.40	**125**
130	27.40	25.20	24.60	23.00	21.20	18.40	15.40	12.80	10.80	9.20	**130**
135	26.00	23.80	23.40	22.00	20.40	18.00	15.00	12.40	10.40	8.80	**135**
140	24.60	22.40	22.20	21.00	19.60	17.60	14.60	12.00	10.00	8.60	**140**
145	23.20	21.20	21.00	20.20	18.80	17.00	14.20	11.60	9.60	8.20	**145**
150	22.00	20.00	19.60	19.20	17.80	16.60	13.80	11.20	9.40	8.00	**150**
155	20.80	18.80	18.60	18.40	17.20	16.00	13.20	11.00	9.00	7.60	**155**
160	19.60	17.80	17.60	17.40	16.40	15.20	12.80	10.60	8.80	7.40	**160**
165	18.60	16.60	16.60	16.60	15.80	14.60	12.20	10.20	8.40	7.20	**165**
170	17.60	15.60	15.60	15.60	15.00	14.00	11.60	10.00	8.20	6.80	**170**
175	16.60	14.80	14.80	14.80	14.40	13.40	11.20	9.40	8.00	6.60	**175**
180	15.80	14.00	14.00	14.00	13.60	12.80	10.60	9.00	7.60	6.40	**180**
185	14.80	13.00	13.20	13.20	13.00	12.40	10.00	8.60	7.40	6.20	**185**
190	14.00	12.20	12.20	12.40	12.20	11.80	9.60	8.20	7.20	6.00	**190**
195	13.20	11.40	11.40	11.60	11.60	11.20	9.00	7.80	6.80	5.60	**195**
200	12.20	10.60	10.80	11.00	11.00	10.80	8.60	7.20	6.40	5.40	**200**
205		9.80	10.00	10.20	10.20	10.20	8.20	6.80	6.00	5.20	**205**
210		9.20	9.40	9.60	9.60	9.60	7.80	6.40	5.80	5.00	**210**
215		6.60	8.80	9.00	9.00	9.00	7.40	6.00	5.40	4.80	**215**
220			8.00	8.40	8.40	8.40	7.00	5.60	5.00	4.60	**220**
225			7.40	7.80	7.80	7.80	6.60	5.20	4.60	4.20	**225**
230			6.80	7.20	7.20	7.40	6.20	5.00	4.40	4.00	**230**
235			3.60	6.60	6.80	6.80	5.80	4.60	4.00	3.60	**235**
240				6.00	6.20	6.40	5.20	4.20	3.60		**240**
245				5.60	5.80	5.80	4.80	4.00			**245**
250				4.60	5.20	5.40	4.40	3.40			**250**
255					4.80	4.80	3.80				**255**
260					4.20	4.40					**260**
265					3.80	4.00					**265**
270						3.60					**270**

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Load chart
Lattice extension


54,59 m
(179.1 ft)
80°


16 m - 64 m
(52.5 ft - 210.0 ft)
25°


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°



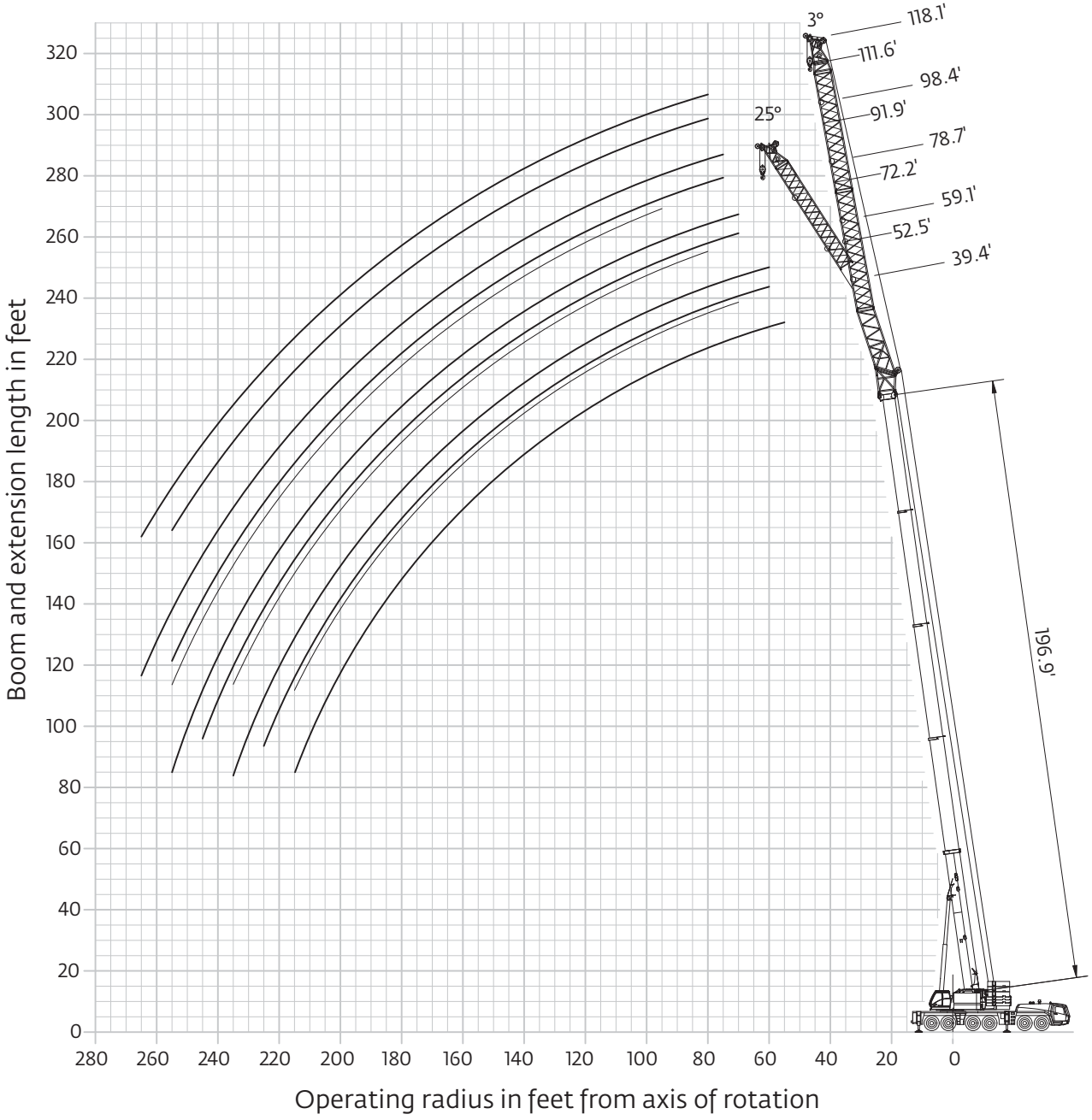

Pounds x 1000

Feet	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
60	46.00									**60**
65	44.00									**65**
70	42.00									**70**
75	40.00	35.40								**75**
80	38.00	33.80								**80**
85	36.20	32.40								**85**
90	34.20	30.80	27.60			18.20				**90**
95	32.40	29.20	26.00			18.20				**95**
100	30.40	27.60	24.80	20.20		17.80	13.80			**100**
105	28.60	26.20	23.80	20.00	15.20	17.20	13.80			**105**
110	26.60	25.00	22.80	19.60	15.20	16.60	13.80			**110**
115	25.20	24.00	21.80	19.40	15.20	16.00	13.60	10.60		**115**
120	23.60	22.80	20.80	18.80	15.00	15.20	13.20	10.60		**120**
125	22.00	21.80	19.80	18.00	14.60	14.60	12.80	10.60		**125**
130	20.60	20.80	19.00	17.40	14.40	13.80	12.40	10.40		**130**
135	19.00	19.60	18.20	16.60	14.20	13.20	12.00	10.00	8.20	**135**
140	17.80	18.60	17.40	16.00	13.80	12.40	11.40	9.80	8.20	**140**
145	16.80	17.40	16.60	15.20	13.60	11.80	10.80	9.60	8.00	**145**
150	15.60	16.40	15.80	14.60	13.20	11.40	10.40	9.20	7.80	**150**
155	14.60	15.40	15.20	14.00	12.80	10.80	9.80	8.80	7.60	**155**
160	13.40	14.40	14.40	13.40	12.40	10.20	9.20	8.40	7.40	**160**
165	12.40	13.60	13.60	12.80	11.80	9.60	8.80	8.00	7.20	**165**
170	11.60	12.60	12.80	12.20	11.40	9.00	8.40	7.80	6.80	**170**
175	10.80	11.80	12.20	11.60	10.80	8.60	8.00	7.40	6.40	**175**
180	10.00	10.80	11.40	11.20	10.40	8.20	7.40	6.80	6.00	**180**
185	9.00	10.00	10.60	10.60	10.00	7.60	7.00	6.40	5.60	**185**
190	8.20	9.40	9.80	10.00	9.40	7.20	6.60	6.00	5.20	**190**
195	7.60	8.60	9.20	9.40	9.00	6.80	6.20	5.60	5.00	**195**
200	7.00	7.80	8.40	8.80	8.60	6.40	5.80	5.20	4.60	**200**
205		7.20	7.80	8.00	8.20	6.00	5.40	4.80	4.20	**205**
210		6.60	7.20	7.40	7.80	5.40	5.00	4.40	3.80	**210**
215		6.00	6.60	6.80	7.20	5.00	4.60	4.20	3.60	**215**
220			6.00	6.20	6.60	4.40	4.20	3.80		**220**
225			5.40	5.60	6.00	4.00	3.80	3.40		**225**
230			4.80	5.00	5.60					**230**
235			4.20	4.60	5.00					**235**
240			3.60	4.00	4.40					**240**
245				3.40	4.00					**245**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Working range
Lattice extension

Main boom and lattice extension



Hook heights shown in the working diagram do not consider loaded boom deflection.

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Load chart
Lattice extension


60,00 m
(196.9 ft)
80°


12 m - 36 m
(39.4 ft - 118.1 ft)
3°


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°



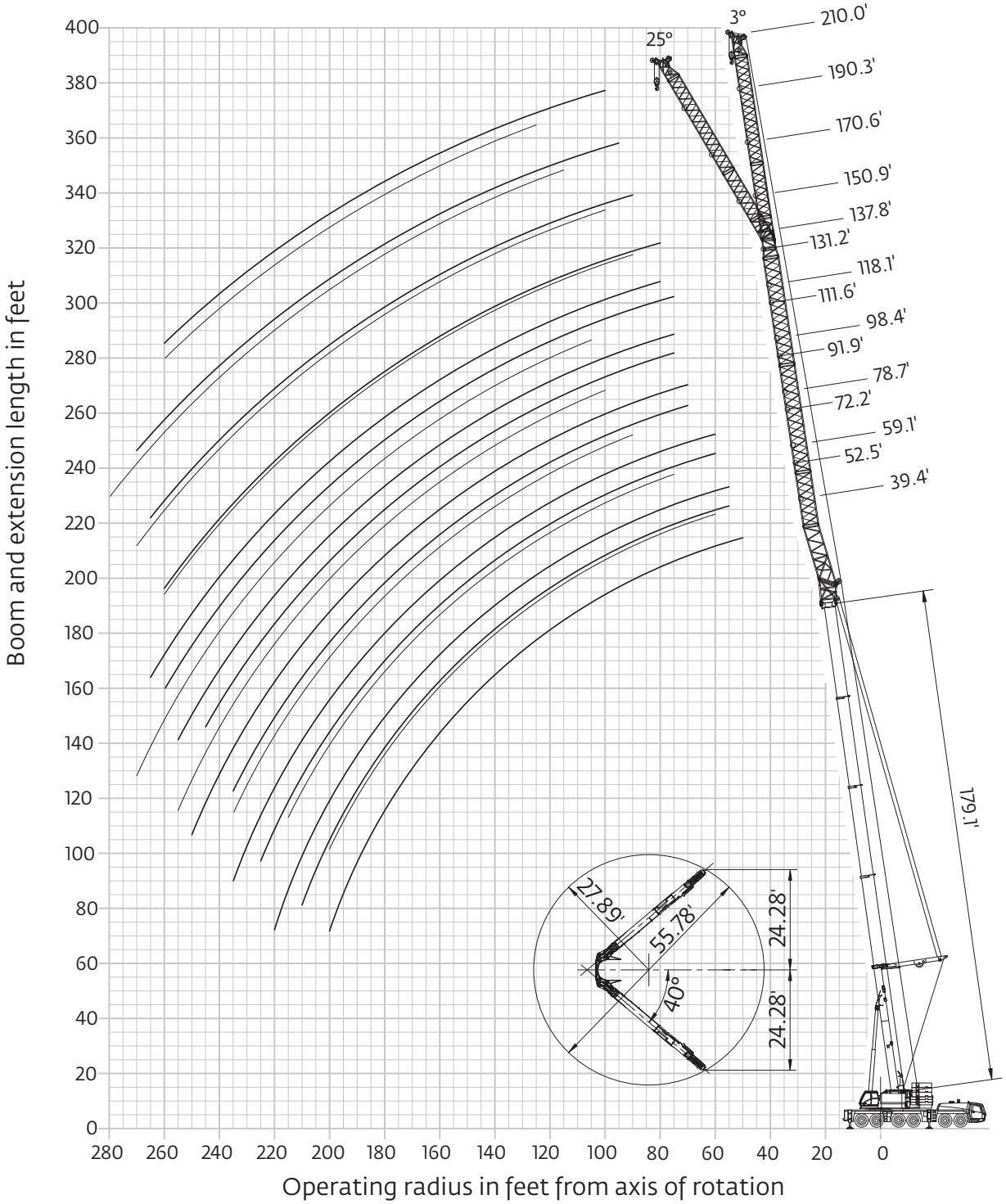

Pounds x 1000

Feet	39.4	52.5	52.5/ 25°	72.2	72.2/ 25°	91.9	91.9/ 25°	111.6	118.1	Feet
55	49.00									55
60	49.00	41.80								60
65	49.00	41.80								65
70	49.00	41.80	41.80	34.20						70
75	47.00	41.80	40.40	34.20		28.60				75
80	45.00	40.80	39.00	34.20	34.20	28.60		23.40	22.40	80
85	42.80	39.20	37.60	34.20	33.40	28.60		23.40	22.40	85
90	40.60	37.40	36.00	33.60	32.20	28.60		23.40	22.40	90
95	38.40	35.60	34.60	32.40	31.00	28.60	26.40	23.40	22.40	95
100	36.40	33.60	33.00	31.00	29.80	27.80	26.00	23.40	22.40	100
105	34.40	31.80	31.20	30.00	28.40	26.60	25.40	23.40	22.40	105
110	32.40	30.00	29.20	28.80	27.20	25.40	24.40	23.00	22.40	110
115	30.60	28.20	27.40	27.40	26.00	24.40	23.60	22.20	22.20	115
120	28.80	26.60	25.80	25.80	25.00	23.60	22.80	21.40	21.40	120
125	27.20	24.80	24.40	24.20	24.00	22.60	21.80	20.60	20.60	125
130	25.40	23.20	23.20	22.80	23.00	21.60	21.00	19.80	19.80	130
135	24.00	21.80	21.80	21.40	22.20	20.80	20.20	19.00	19.20	135
140	22.80	20.60	20.40	20.40	21.20	19.80	19.40	18.40	18.40	140
145	21.40	19.40	19.20	19.20	20.00	18.80	18.60	17.60	17.80	145
150	20.20	18.20	18.00	18.00	19.00	18.00	17.80	16.80	17.00	150
155	19.20	17.20	17.00	17.00	17.80	17.00	17.00	16.00	16.40	155
160	18.00	16.00	16.00	16.00	16.80	16.00	16.40	15.40	15.60	160
165	17.00	15.00	15.00	15.00	15.80	15.00	15.60	14.80	15.00	165
170	16.00	14.20	14.00	14.00	14.80	14.20	14.80	14.00	14.40	170
175	15.20	13.20	13.00	13.20	14.00	13.40	14.00	13.20	13.80	175
180	14.40	12.40	12.20	12.40	13.20	12.60	13.40	12.60	13.20	180
185	13.40	11.60	11.40	11.60	12.40	11.80	12.60	11.80	12.40	185
190	12.60	10.80	10.60	10.80	11.40	11.00	11.80	11.00	11.80	190
195	11.80	10.00	9.80	10.00	10.60	10.40	11.20	10.40	11.20	195
200	11.00	9.20	9.00	9.40	10.00	9.60	10.40	9.60	10.60	200
205	10.40	8.60	8.20	8.80	9.20	9.00	9.80	9.00	10.00	205
210	9.60	7.80	7.60	8.00	8.60	8.40	9.00	8.40	9.40	210
215	9.00	7.20	7.00	7.40	8.00	7.60	8.40	7.80	8.80	215
220		6.60		6.80	7.20	7.00	7.80	7.20	8.20	220
225		6.00		6.20	6.60	6.40	7.20	6.60	7.60	225
230				5.60	6.00	6.00	6.60	6.00	7.00	230
235				5.20	5.40	5.40	6.00	5.60	6.60	235
240				4.60		5.00	5.40	5.00	6.00	240
245				4.20		4.40	4.80	4.60	5.60	245
250						4.00	4.40	4.00	5.00	250
255						3.60	3.80	3.60	4.60	255
260									4.20	260
265									3.80	265

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Working range
Lattice extension and MegaWingLift™

Main boom, lattice extension and MegaWingLift™



Hook heights shown in the working diagram do not consider loaded boom deflection.

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The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Load chart

Lattice extension and MegaWingLift™



49,69 m (163 ft) 80°



12 m - 64 m (39.4 ft - 210.0 ft) 3°



135 000 kg (297,600 lb)



8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)



360°





Pounds x 1000

Feet	39.4	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
45	127.00										**45**
50	119.00	104.00									**50**
55	112.00	100.00	73.00								**55**
60	106.00	96.00	70.00	53.00							**60**
65	99.00	91.00	68.00	51.00							**65**
70	93.00	86.00	65.00	49.00	39.80						**70**
75	87.00	82.00	63.00	47.00	38.20	32.00	28.00				**75**
80	82.00	78.00	61.00	45.00	36.80	30.80	26.20	22.80			**80**
85	77.00	73.00	59.00	43.80	35.60	29.60	25.00	21.60			**85**
90	70.00	69.00	57.00	42.40	34.20	28.20	24.00	20.60	18.20		**90**
95	65.00	64.00	55.00	41.20	33.00	26.80	23.00	19.80	17.40	15.00	**95**
100	60.00	59.00	53.00	39.80	31.80	25.60	22.00	18.80	16.60	14.40	**100**
105	55.00	55.00	51.00	38.60	30.60	24.60	21.00	18.20	16.00	13.80	**105**
110	51.00	50.00	50.00	37.40	29.40	23.80	20.20	17.40	15.20	13.20	**110**
115	47.00	47.00	48.00	36.40	28.20	23.00	19.40	16.80	14.60	12.60	**115**
120	43.60	43.20	45.00	35.40	27.00	22.40	18.80	16.00	14.00	12.20	**120**
125	40.40	40.00	42.00	34.60	26.20	21.60	18.20	15.60	13.40	11.60	**125**
130	37.60	37.20	39.20	33.60	25.60	20.80	17.60	15.00	12.80	11.20	**130**
135	35.00	34.40	36.40	32.60	24.80	20.20	16.80	14.40	12.40	10.60	**135**
140	32.40	32.00	33.80	31.80	24.20	19.80	16.20	14.00	11.80	10.20	**140**
145	30.20	29.60	31.60	30.80	23.40	19.20	15.60	13.40	11.40	9.80	**145**
150	28.00	27.60	29.40	30.00	22.80	18.60	15.20	13.00	11.00	9.40	**150**
155	26.00	25.40	27.40	29.00	22.20	18.00	14.80	12.40	10.40	9.00	**155**
160	24.00	23.60	25.40	27.20	21.60	17.60	14.40	12.00	10.00	8.80	**160**
165	21.20	21.60	23.60	25.40	21.20	17.00	13.80	11.60	9.60	8.40	**165**
170	18.20	19.60	22.00	23.60	20.60	16.60	13.40	11.20	9.20	8.00	**170**
175	15.00	17.00	20.20	22.00	20.20	16.20	13.00	11.00	9.00	7.60	**175**
180	14.40	14.20	18.40	20.60	19.80	15.80	12.40	10.60	8.60	7.40	**180**
185	10.40	11.40	16.80	18.80	19.20	15.40	12.00	10.20	8.20	7.00	**185**
190	4.60	8.20	14.80	17.40	18.60	15.00	11.60	9.80	8.00	6.80	**190**
195		7.60	12.60	16.00	17.20	14.60	11.20	9.40	7.60	6.60	**195**
200			10.20	14.60	15.80	14.20	11.00	9.00	7.40	6.20	**200**
205			7.80	13.00	14.40	14.00	10.60	8.80	7.00	6.00	**205**
210			7.80	11.20	13.20	13.60	10.20	8.40	6.80	5.60	**210**
215			4.40	9.20	12.00	13.20	9.80	8.20	6.60	5.40	**215**
220				7.20	10.80	12.00	9.40	7.80	6.20	5.20	**220**
225				4.80	9.20	11.00	9.00	7.40	6.00	5.00	**225**
230				4.80	7.60	9.80	8.80	7.20	5.80	4.60	**230**
235					5.80	8.80	8.40	6.80	5.60	4.40	**235**
240					4.00	7.60	7.40	6.60	5.40	4.20	**240**
245					3.80	6.20	6.40	6.40	5.20	4.00	**245**
250						4.80	5.60	6.20	4.80	3.80	**250**
255							4.60	5.60	4.60	3.60	**255**
260								4.80	4.40		**260**
265								4.00	4.20		**265**
270									4.00		**270**

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Load chart

Lattice extension and MegaWingLift™



49,69 m
(163 ft)
80°



16 m - 64 m
(52.5 ft - 210.0 ft)
25°



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
55	86.00									**55**
60	84.00									**60**
65	82.00									**65**
70	80.00	47.00								**70**
75	77.00	46.00								**75**
80	74.00	45.00	31.80			24.80				**80**
85	71.00	43.80	31.20			24.00				**85**
90	68.00	43.00	30.60			23.00				**90**
95	65.00	42.20	30.00	22.00		22.00	18.20			**95**
100	61.00	41.40	29.40	21.60	17.40	21.20	17.40			**100**
105	56.00	40.80	28.60	21.20	17.00	20.40	16.80	14.00		**105**
110	52.00	40.00	28.00	20.80	16.60	19.60	16.20	13.80		**110**
115	48.00	39.40	27.20	20.20	16.20	18.80	15.60	13.20		**115**
120	44.00	38.80	26.60	20.00	15.80	18.20	15.20	12.80	10.80	**120**
125	41.20	38.20	25.80	19.60	15.40	17.60	14.60	12.40	10.40	**125**
130	38.20	37.80	25.40	19.20	15.20	17.00	14.00	11.80	10.00	**130**
135	35.40	37.20	25.00	18.80	14.80	16.40	13.60	11.40	9.60	**135**
140	32.80	36.20	24.60	18.60	14.60	15.80	13.20	11.00	9.20	**140**
145	30.40	33.80	24.40	18.20	14.20	15.40	12.80	10.60	9.00	**145**
150	28.20	31.40	24.00	18.00	14.00	14.80	12.40	10.20	8.60	**150**
155	26.20	29.20	23.60	17.60	13.60	14.40	11.80	10.00	8.20	**155**
160	24.20	27.20	23.40	17.40	13.40	14.00	11.40	9.60	8.00	**160**
165	22.20	25.40	23.00	17.00	13.20	13.60	11.00	9.40	7.60	**165**
170	20.40	23.60	22.80	16.80	13.00	13.20	10.80	9.00	7.40	**170**
175	17.80	21.80	22.60	16.60	12.80	12.80	10.40	8.60	7.20	**175**
180	15.20	20.00	22.40	16.40	12.60	12.40	10.20	8.40	6.80	**180**
185	12.20	18.40	21.00	16.20	12.40	12.00	9.80	8.00	6.60	**185**
190	9.00	16.60	19.40	16.00	12.20	11.60	9.40	7.80	6.40	**190**
195		14.60	17.80	15.80	12.00	11.20	9.20	7.60	6.00	**195**
200		12.20	16.20	15.60	11.80	10.80	8.80	7.40	5.80	**200**
205			14.80	15.40	11.60	10.40	8.60	7.00	5.60	**205**
210			13.40	15.20	11.40	10.00	8.20	6.80	5.40	**210**
215			11.60	14.60	11.40	9.60	8.00	6.60	5.20	**215**
220			9.40	13.20	11.20	9.40	7.60	6.40	5.00	**220**
225				12.00	11.00	9.00	7.40	6.00	4.80	**225**
230				10.60	11.00	8.80	7.20	5.80	4.60	**230**
235				9.00	10.80	8.40	6.80	5.60	4.40	**235**
240				7.00	10.40	8.20	6.60	5.40	4.20	**240**
245					9.20	7.20	6.20	5.20	4.00	**245**
250					8.20	6.20	6.00	5.00	3.80	**250**
255					6.60	5.40	5.80	4.80	3.60	**255**
260					5.00	4.20	5.60	4.40		**260**
265							4.80	4.20		**265**
270							4.00	4.00		**270**
275								3.60		**275**

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Load chart

Lattice extension and MegaWingLift™



54,59 m
(179.1 ft)
80°



12 m - 64 m
(39.4 ft - 210.0 ft)
3°



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	39.4	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
50	108.00										50
55	102.00	93.00									55
60	96.00	88.00	69.00								60
65	91.00	83.00	67.00								65
70	85.00	79.00	64.00	48.00							70
75	81.00	74.00	62.00	46.00	37.80	31.40					75
80	77.00	70.00	61.00	45.00	36.40	30.40	25.40				80
85	73.00	67.00	59.00	43.60	35.20	29.20	24.60				85
90	69.00	64.00	57.00	42.20	34.00	28.20	23.60	20.40			90
95	66.00	61.00	55.00	40.80	33.00	27.20	22.60	19.60	17.20		95
100	61.00	57.00	52.00	39.60	31.80	26.00	21.80	18.80	16.40	13.80	100
105	56.00	55.00	50.00	38.60	30.80	25.00	21.00	18.20	15.80	13.80	105
110	52.00	51.00	48.00	37.60	29.80	23.80	20.40	17.40	15.20	13.20	110
115	48.00	47.00	46.00	36.40	28.80	23.20	19.60	16.80	14.60	12.60	115
120	45.00	44.00	44.00	35.40	27.80	22.40	18.80	16.20	14.00	12.20	120
125	41.60	40.80	42.40	34.60	26.80	21.80	18.20	15.60	13.60	11.60	125
130	38.80	37.80	39.60	33.80	25.80	21.20	17.60	15.00	13.00	11.20	130
135	36.00	35.20	36.80	33.00	25.00	20.60	17.20	14.60	12.40	10.80	135
140	33.60	32.60	34.40	32.20	24.40	20.00	16.60	14.20	12.00	10.40	140
145	31.20	30.40	32.00	31.40	23.80	19.40	16.00	13.60	11.40	10.00	145
150	29.00	28.20	29.80	30.60	23.40	19.00	15.40	13.20	11.00	9.40	150
155	27.00	26.20	27.80	29.40	22.80	18.60	15.00	12.80	10.60	9.20	155
160	25.20	24.20	26.00	27.40	22.20	18.00	14.60	12.20	10.20	8.80	160
165	23.40	22.40	24.20	25.60	21.60	17.60	14.20	11.80	9.80	8.40	165
170	21.60	20.60	22.40	24.00	21.20	17.00	13.80	11.40	9.40	8.20	170
175	19.60	18.80	20.80	22.40	20.80	16.60	13.20	11.20	9.00	7.80	175
180	17.20	17.00	19.00	20.80	20.20	16.20	12.80	10.80	8.80	7.60	180
185	14.60	15.20	17.40	19.20	19.80	15.80	12.40	10.40	8.40	7.20	185
190	11.80	13.00	15.80	17.80	18.80	15.40	12.00	10.00	8.20	7.00	190
195	10.00	10.60	14.40	16.20	17.40	15.20	11.60	9.80	7.80	6.60	195
200	8.00	8.20	13.00	15.00	16.00	14.80	11.20	9.40	7.60	6.40	200
205		6.80	11.20	13.60	14.60	14.40	11.00	9.00	7.40	6.20	205
210		5.00	9.20	12.40	13.40	14.20	10.60	8.80	7.00	6.00	210
215			7.20	11.20	12.20	13.20	10.20	8.40	6.80	5.60	215
220			5.00	9.80	11.00	12.00	10.00	8.20	6.40	5.40	220
225			4.00	8.00	10.00	11.00	9.60	7.80	6.20	5.20	225
230				6.40	9.00	10.00	9.20	7.60	6.00	5.00	230
235				4.40	7.80	9.00	8.80	7.40	5.80	4.60	235
240					6.40	8.00	7.80	7.00	5.60	4.40	240
245					5.00	7.00	6.80	6.80	5.40	4.20	245
250						6.20	6.00	6.40	5.20	4.00	250
255						5.00	5.00	5.60	5.00	3.80	255
260						3.80	4.20	4.80	4.80	3.60	260
265								4.00	4.60		265
270									3.80		270

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Load chart

Lattice extension and MegaWingLift™



54,59 m (179.1 ft) 80°



16 m - 64 m (52.5 ft - 210.0 ft) 25°



135 000 kg (297,600 lb)



8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)



360°





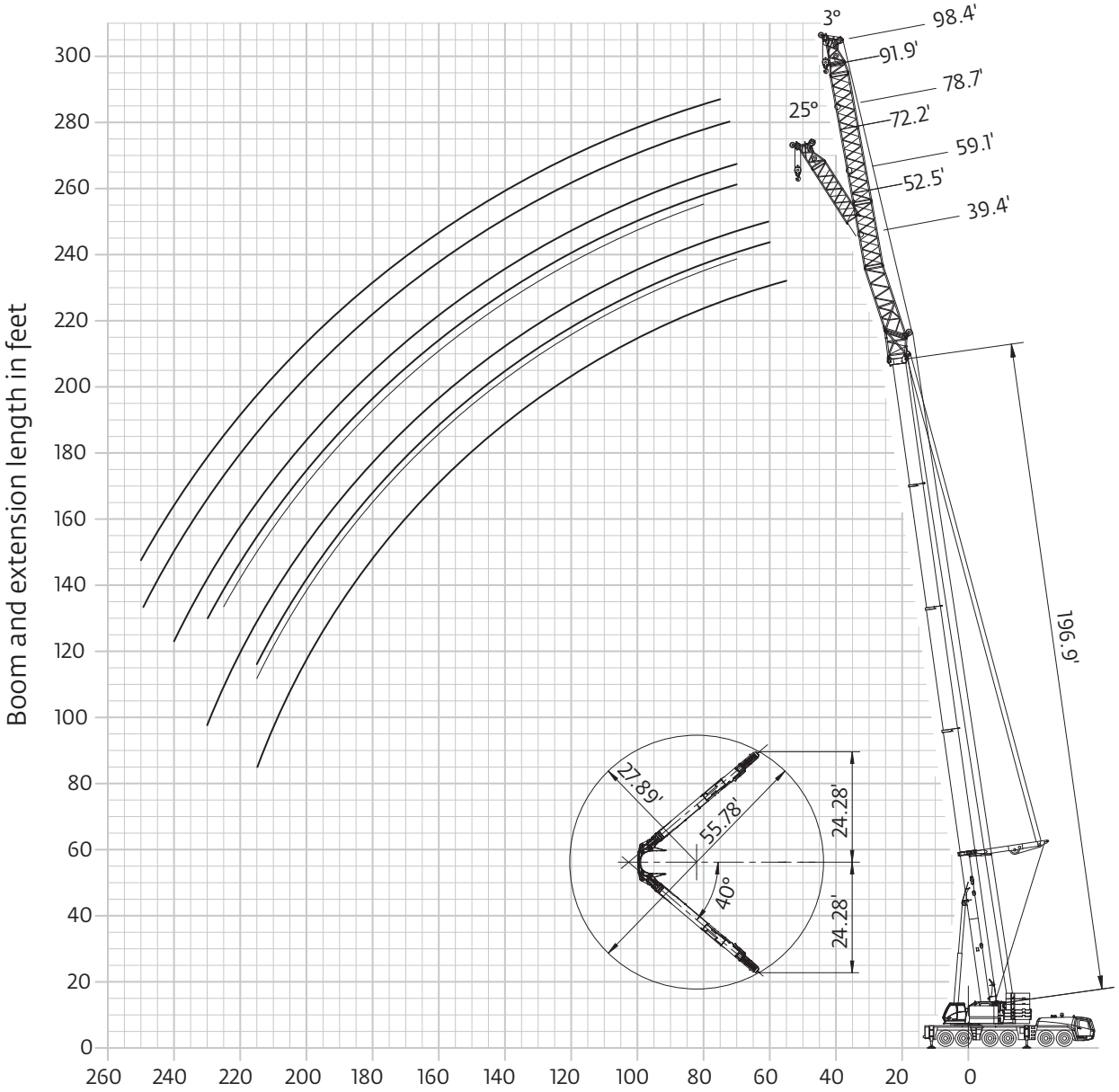
Pounds x 1000

Feet	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0	Feet
60	81.00									**60**
65	78.00									**65**
70	75.00									**70**
75	72.00	46.00								**75**
80	69.00	45.00								**80**
85	66.00	43.80								**85**
90	63.00	43.00	30.40			22.60				**90**
95	60.00	42.20	29.80			21.80				**95**
100	57.00	41.60	29.20	21.60		21.00	17.40			**100**
105	54.00	40.80	28.60	21.20	16.80	20.20	16.80			**105**
110	52.00	40.20	28.00	20.80	16.60	19.60	16.20			**110**
115	49.00	39.60	27,4	20.40	16.20	19.00	15.60	13.20		**115**
120	45.00	39.00	26.80	20.00	15.80	18.20	15.20	12.80		**120**
125	42.20	38.20	26.00	19.60	15.40	17.60	14.60	12.40	10.00	**125**
130	39.20	37.40	25.40	19.40	15.20	17.20	14.20	11.80	10.00	**130**
135	36.40	36.60	24.80	19.00	14.80	16.60	13.60	11.40	9.60	**135**
140	33.80	35.60	24.40	18.60	14.60	16.20	13.20	11.20	9.20	**140**
145	31.40	34.20	24.20	18.40	14.40	15.60	12.80	10.80	9.00	**145**
150	29.20	32.00	23.80	18.00	14.00	15.20	12.40	10.40	8.60	**150**
155	27.20	29.80	23.40	17.80	13.80	14.60	12.00	10.00	8.40	**155**
160	25.20	27.80	23.20	17.60	13.60	14.20	11.60	9.80	8.00	**160**
165	23.40	26.00	22.80	17.20	13.20	13.80	11.40	9.40	7.80	**165**
170	21.60	24.20	22.60	17.00	13.00	13.40	11.00	9.20	7.40	**170**
175	19.60	22.40	22.40	16.80	12.80	13.00	10.60	8.80	7.20	**175**
180	18.00	20.80	22.20	16.40	12.60	12.60	10.20	8.60	7.00	**180**
185	16.20	19.20	21.40	16.20	12.40	12.20	10.00	8.20	6.80	**185**
190	14.00	17.60	20.00	16.00	12.20	11.80	9.80	8.00	6.40	**190**
195	11.60	16.00	18.40	16.00	12.00	11.40	9.40	7.80	6.20	**195**
200	9.20	14.40	16.80	15.80	11.80	11.20	9.20	7.40	6.00	**200**
205		13.00	15.40	15.60	11.80	10.80	8.80	7.20	5.80	**205**
210		11.00	14.00	15.40	11.60	10.40	8.60	7.00	5.60	**210**
215		9.00	12.80	15.00	11.40	10.20	8.20	6.80	5.40	**215**
220			11.40	13.60	11.40	9.80	8.00	6.60	5.20	**220**
225			10.20	12.40	11.20	9.60	7.80	6.40	5.00	**225**
230			8.40	11.20	11.00	9.20	7.40	6.00	4.80	**230**
235			6.60	10.00	11.00	8.80	7.20	5.80	4.60	**235**
240			4.40	9.00	10.80	8.20	7.00	5.60	4.40	**240**
245				7.80	9.80	7.20	6.60	5.40	4.20	**245**
250				6.20	8.60	6.40	6.40	5.20	4.00	**250**
255				4.40	7.60	5.40	6.20	5.00	3.80	**255**
260					6.60	4.60	5.80	4.80	3.60	**260**
265					5.60	3.80	4.80	4.60		**265**
270					4.20		4.00	4.40		**270**
275								4.20		**275**
280								3.60		**280**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Working range
Lattice extension and MegaWingLift™

Main boom, lattice extension and MegaWingLift™



Operating radius in feet from axis of rotation

Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Lattice extension and MegaWingLift™



60,00 m
(196.9 ft)
80°



12 m - 30 m
(39.4 ft - 98.4 ft)
3°



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°



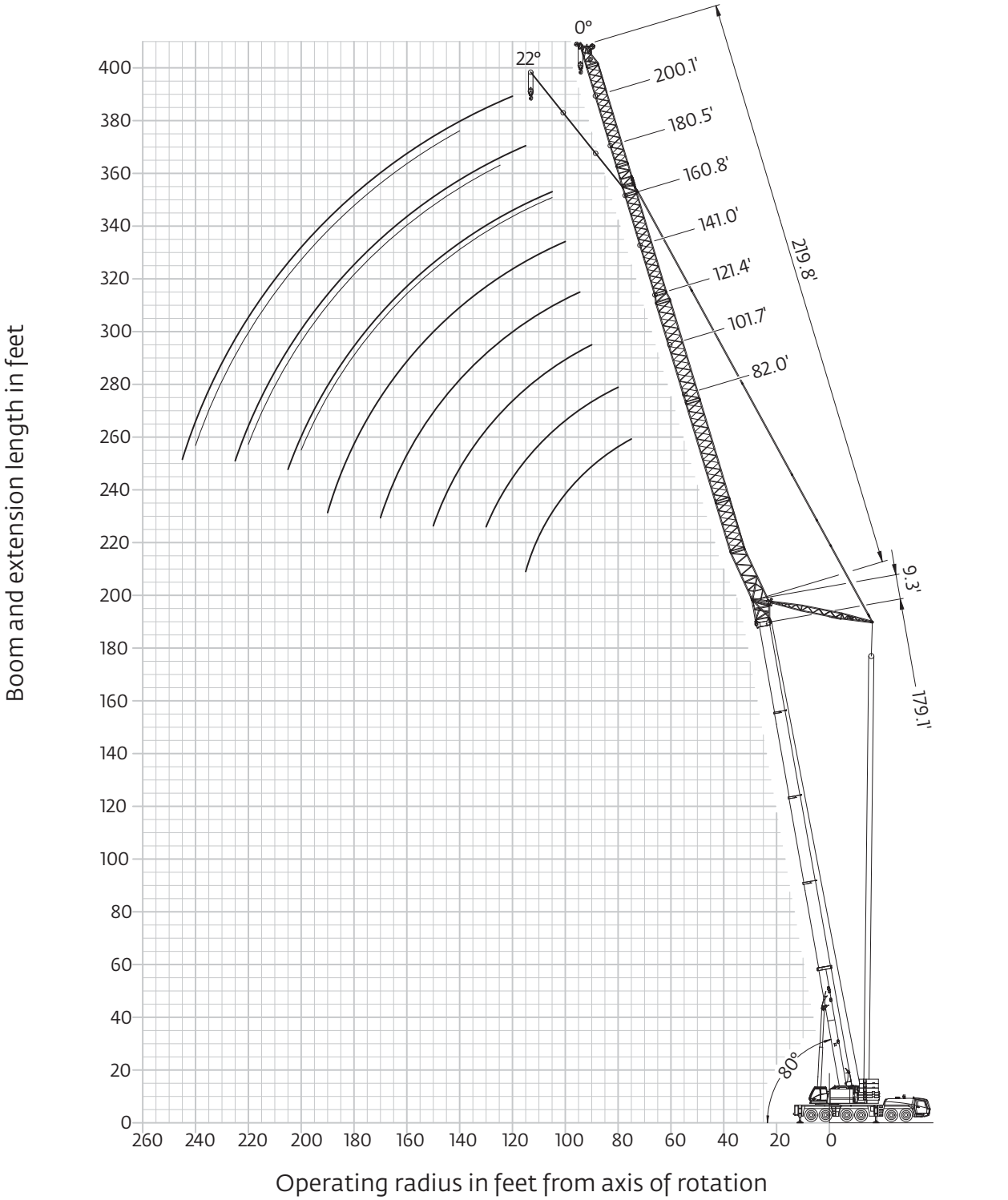


Pounds x 1000

Feet	39.4	52.5	52.5/ 25°	59.1	72.2	72.2/ 25°	78.7	91.9	98.4	Feet
55	94.00									**55**
60	89.00	78.00		74.00						**60**
65	85.00	74.00		70.00						**65**
70	81.00	71.00	65.00	67.00	60.00		58.00			**70**
75	77.00	68.00	63.00	65.00	57.00		55.00	47.00	46.00	**75**
80	74.00	65.00	60.00	62.00	55.00	45.00	53.00	45.00	45.00	**80**
85	71.00	62.00	58.00	60.00	53.00	43.80	51.00	43.80	43.40	**85**
90	67.00	60.00	56.00	57.00	50.00	42.80	49.00	42.60	42.00	**90**
95	64.00	58.00	54.00	55.00	48.00	42.00	47.00	41.20	40.60	**95**
100	61.00	55.00	52.00	54.00	47.00	41.00	45.00	40.00	39.00	**100**
105	56.00	53.00	51.00	52.00	45.00	40.00	43.80	38.80	37.60	**105**
110	52.00	51.00	49.00	50.00	43.60	39.00	42.40	37.60	36.60	**110**
115	48.00	47.00	47.00	48.00	42.00	37.80	41.00	36.40	35.40	**115**
120	45.00	44.00	45.00	46.00	40.60	36.80	39.60	35.20	34.40	**120**
125	41.40	40.80	42.00	43.00	39.40	35.80	38.20	34.00	33.20	**125**
130	38.60	38.00	39.00	40.20	38.20	34.80	37.20	32.80	32.00	**130**
135	35.80	35.20	36.20	37.40	36.40	34.00	36.20	31.80	31.00	**135**
140	33.40	32.80	33.60	35.00	34.00	33.20	35.20	31.00	30.00	**140**
145	31.00	30.40	31.40	32.60	31.60	32.40	34.00	30.00	29.20	**145**
150	29.00	28.20	29.00	30.40	29.40	31.60	31.80	29.00	28.40	**150**
155	27.00	26.20	27.00	28.40	27.40	29.60	29.80	28.00	27.40	**155**
160	25.00	24.40	24.00	26.40	25.60	27.60	27.80	27.00	26.60	**160**
165	23.20	22.40	23.20	24.80	23.80	25.60	26.20	25.20	25.80	**165**
170	21.40	20.60	21.40	23.00	22.00	24.00	24.40	23.60	25.00	**170**
175	19.80	18.80	19.60	21.40	20.20	22.20	22.80	22.00	23.60	**175**
180	18.00	17.00	17.80	19.80	18.60	20.60	21.40	20.20	22.00	**180**
185	16.40	15.40	16.20	18.20	17.00	18.80	19.80	18.60	20.60	**185**
190	14.80	14.00	14.60	16.60	15.40	17.20	18.40	17.20	19.20	**190**
195	12.80	12.60	13.00	15.20	14.00	15.80	16.80	15.80	17.60	**195**
200	10.40	11.00	11.60	13.80	12.60	14.20	15.40	14.40	16.20	**200**
205	8.20	9.00	9.80	12.60	11.40	12.80	14.20	13.00	15.00	**205**
210	5.60	7.00	7.80	11.00	10.20	11.60	13.00	11.80	13.80	**210**
215	5.40	5.00	5.60	9.00	9.00	10.20	11.80	10.60	12.60	**215**
220				7.00	7.40	9.00	10.60	9.40	11.40	**220**
225				5.00	5.60	7.40	9.40	8.40	10.40	**225**
230				5.00	3.80		7.80	7.40	9.40	**230**
235							6.00	6.20	8.40	**235**
240							4.40	4.60	7.40	**240**
245									6.00	**245**
250									4.60	**250**

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Main boom and luffing jib - 80°



Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Luffing jib



15,39 m
(50.5 ft)
80°



31 m - 73 m
(101.7 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	 22°	200.1 0°	 22°	219.8 0°	 22°	239.5 0°	 22°	Feet
60													**60**
65			68.00										**65**
70		81.00	67.00	56.00									**70**
75		80.00	67.00	56.00	46.00								**75**
80	89.00	79.00	67.00	56.00	46.00	47.00	38.60						**80**
85	86.00	78.00	66.00	55.00	46.00	46.00	38.60						**85**
90	84.00	76.00	66.00	55.00	46.00	46.00	38.60		32.60				**90**
95	78.00	74.00	65.00	55.00	46.00	46.00	38.60	38.80	32.60		27.20		**95**
100	68.00	72.00	65.00	54.00	45.00	46.00	38.60	38.80	32.60		27.20		**100**
105		70.00	63.00	54.00	45.00	46.00	38.60	38.80	32.60	29.20	27.20		**105**
110		68.00	62.00	54.00	45.00	45.00	38.60	38.60	32.60	28.60	27.20		**110**
115		60.00	61.00	53.00	45.00	45.00	38.60	38.40	32.60	27.80	27.20		**115**
120		53.00	59.00	53.00	45.00	45.00	38.40	38.20	32.60	27.20	27.00	20.80	**120**
125			58.00	52.00	44.00	45.00	38.20	38.00	32.60	26.80	26.40	20.60	**125**
130			53.00	51.00	44.00	45.00	38.20	37.80	32.60	26.60	25.80	20.20	**130**
135			48.00	50.00	43.60	44.00	38.00	37.60	32.20	26.20	25.20	19.80	**135**
140				49.00	43.40	43.80	37.80	37.40	31.80	25.80	24.60	19.40	**140**
145				47.00	42.80	43.20	37.60	37.20	31.20	25.40	24.00	19.20	**145**
150				43.20	42.40	42.80	37.40	37.00	30.80	25.20	23.40	18.80	**150**
155				38.80	41.80	42.20	37.40	37.00	30.20	24.80	23.00	18.40	**155**
160					41.40	41.80	37.00	37.00	29.40	24.60	22.40	18.20	**160**
165					38.20	38.60	36.60	36.80	28.80	24.20	22.00	18.00	**165**
170					35.00	35.20	36.20	36.40	28.00	24.00	21.40	17.60	**170**
175					31.60		36.00	36.20	27.40	23.80	21.00	17.40	**175**
180							34.00	35.20	26.80	23.60	20.60	17.20	**180**
185							31.40	32.40	26.40	23.40	20.00	17.00	**185**
190							28.60	29.60	25.80	23.40	19.60	16.80	**190**
195							25.80		25.40	23.20	19.20	16.60	**195**
200									25.00	23.20	18.80	16.60	**200**
205									24.40	23.20	18.40	16.40	**205**
210									23.60		18.00	16.20	**210**
215									21.20		17.60	16.20	**215**
220											17.40	16.20	**220**
225											17.00	16.20	**225**
230											16.80		**230**
235											16.40		**235**

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Load chart
Luffing jib



25,19 m
(82.6 ft)
80°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
50	111.00													**50**
55	111.00	88.00												**55**
60	109.00	88.00	71.00											**60**
65	105.00	88.00	71.00											**65**
70	100.00	88.00	71.00	58.00										**70**
75	96.00	88.00	71.00	58.00	48.00									**75**
80	92.00	88.00	71.00	58.00	48.00	39.60								**80**
85	90.00	88.00	71.00	58.00	48.00	39.60								**85**
90	84.00	88.00	71.00	58.00	48.00	39.60	40.20	33.20						**90**
95		84.00	71.00	58.00	48.00	39.60	40.20	33.20		28.20				**95**
100		79.00	71.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20		23.40		**100**
105		75.00	71.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20		23.40		**105**
110		64.00	70.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20		23.40		**110**
115			67.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20	27.60	23.40		**115**
120			63.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20	27.00	23.40		**120**
125			60.00	58.00	48.00	39.60	40.20	33.20	33.80	28.20	26.60	23.40	20.60	**125**
130			51.00	57.00	48.00	39.60	40.20	33.20	33.80	28.20	26.20	23.40	20.20	**130**
135				54.00	48.00	39.60	40.20	33.20	33.80	28.20	26.00	23.40	19.80	**135**
140				48.00	48.00	39.60	40.20	33.20	33.80	28.20	25.60	23.40	19.60	**140**
145					48.00	39.60	40.20	33.20	33.80	28.20	25.40	23.40	19.20	**145**
150					48.00	39.60	40.20	33.20	33.80	28.20	25.00	23.20	19.00	**150**
155					46.00	39.60	40.20	33.20	33.80	28.20	24.80	22.80	18.60	**155**
160					43.80	39.60	40.20	33.20	33.80	28.20	24.60	22.40	18.40	**160**
165						39.60	40.20	33.20	33.80	28.20	24.20	22.00	18.00	**165**
170						39.60	39.80	33.20	33.80	28.00	24.00	21.60	17.80	**170**
175						38.20	38.20	33.20	33.80	27.40	23.80	21.20	17.60	**175**
180						36.00		33.20	33.80	26.80	23.60	20.80	17.40	**180**
185								33.20	33.80	26.40	23.60	20.40	17.20	**185**
190								33.20	33.80	26.00	23.40	20.00	17.00	**190**
195								32.60	32.80	25.60	23.20	19.60	16.80	**195**
200								29.60		25.20	23.20	19.20	16.60	**200**
205										24.80	23.00	18.80	16.40	**205**
210										24.40	23.00	18.40	16.40	**210**
215										24.00	23.00	18.00	16.20	**215**
220										23.60		17.60	16.20	**220**
225												17.40	16.00	**225**
230												17.00	16.00	**230**
235												16.80	16.00	**235**
240												16.40		**240**

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Load chart

Luffing jib



34,99 m
(114.8 ft)
80°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
60	70.00	59.00												**70**
65	70.00	58.00												**75**
70	70.00	58.00	48.00											**70**
75	70.00	58.00	48.00	39.40										**75**
80	70.00	58.00	48.00	39.40	33.00									**80**
85	70.00	58.00	48.00	39.40	33.00									**85**
90	70.00	58.00	48.00	39.40	33.00	26.20								**90**
95	70.00	58.00	48.00	39.40	33.00	26.20	26.80	21.80						**95**
100		58.00	48.00	39.40	33.00	26.20	26.80	21.80		18.20				**100**
105		58.00	48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20		15.00		**105**
110		58.00	48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20		15.00		**110**
115		58.00	48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20		15.00		**115**
120			48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00		**120**
125			48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00		**125**
130			48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00		**130**
135			48.00	39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**135**
140				39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**140**
145				39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**145**
150				39.40	33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**150**
155					33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**155**
160					33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**160**
165					33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**165**
170					33.00	26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**170**
175						26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**175**
180						26.20	26.80	21.80	22.40	18.20	18.80	15.00	15.40	**180**
185						26.20		21.80	22.40	18.20	18.80	15.00	15.40	**185**
190						26.20		21.80	22.40	18.20	18.80	15.00	15.40	**190**
195								21.80	22.40	18.20	18.80	15.00	15.40	**195**
200								21.80	22.40	18.20	18.80	15.00	15.40	**200**
205								21.80		18.20	18.80	15.00	15.40	**205**
210										18.20	18.80	15.00	15.40	**210**
215										18.20	18.80	15.00	15.40	**215**
220										18.20	18.80	15.00	15.40	**220**
225												15.00	15.40	**225**
230												15.00	15.40	**230**
235												15.00	15.40	**235**
240												15.00	15.40	**240**
245												15.00		**245**

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Load chart
Luffing jib


44,79 m
(147.0 ft)
80°


25 m - 73 m
(82.0 ft - 239.5 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°




Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
60	52.00													**60**
65	52.00													**65**
70	52.00	42.60												**70**
75	51.00	42.60	34.80											**75**
80	50.00	42.60	34.80	28.40										**80**
85	49.00	42.60	34.80	28.40										**85**
90	48.00	42.60	34.80	28.40	23.00									**90**
95	47.00	42.40	34.80	28.40	23.00	18.40								**95**
100	45.00	41.40	34.80	28.40	23.00	18.40	18.80							**100**
105		40.20	34.80	28.40	23.00	18.40	18.80	15.20		12.40				**105**
110		39.20	34.80	28.40	23.00	18.40	18.80	15.20		12.40				**110**
115		38.00	34.80	28.40	23.00	18.40	18.80	15.20	15.60	12.40		9.60		**115**
120		37.00	34.00	28.40	23.00	18.40	18.80	15.20	15.60	12.40		9.60		**120**
125			33.20	28.40	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60		**125**
130			32.40	28.40	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60		**130**
135			31.40	28.00	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60		**135**
140			30.80	27.40	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**140**
145				26.60	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**145**
150				26.00	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**150**
155				25.40	23.00	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**155**
160				24.80	22.80	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**160**
165					22.40	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**165**
170					21.80	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**170**
175					21.40	18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**175**
180						18.40	18.80	15.20	15.60	12.40	12.80	9.60	10.20	**180**
185						18.20	18.40	15.20	15.60	12.40	12.80	9.60	10.20	**185**
190						17.80	18.00	15.20	15.60	12.40	12.80	9.60	10.20	**190**
195						17.40		15.20	15.60	12.40	12.80	9.60	10.20	**195**
200								15.20	15.60	12.40	12.80	9.60	10.20	**200**
205								15.20	15.60	12.40	12.80	9.60	10.20	**205**
210								15.00		12.40	12.80	9.60	10.20	**210**
215								14.60		12.40	12.80	9.60	10.20	**215**
220										12.40	12.80	9.60	10.20	**220**
225										12.40	12.80	9.60	10.20	**225**
230										12.40		9.60	10.20	**230**
235										12.40		9.60	10.20	**235**
240												9.60	10.20	**240**
245												9.60	10.20	**245**
250												9.60		**250**
255												9.60		**255**

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Load chart

Luffing jib



54,59 m
(179.1 ft)
80°



25 m - 61 m
(82.0 ft - 200.1 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°



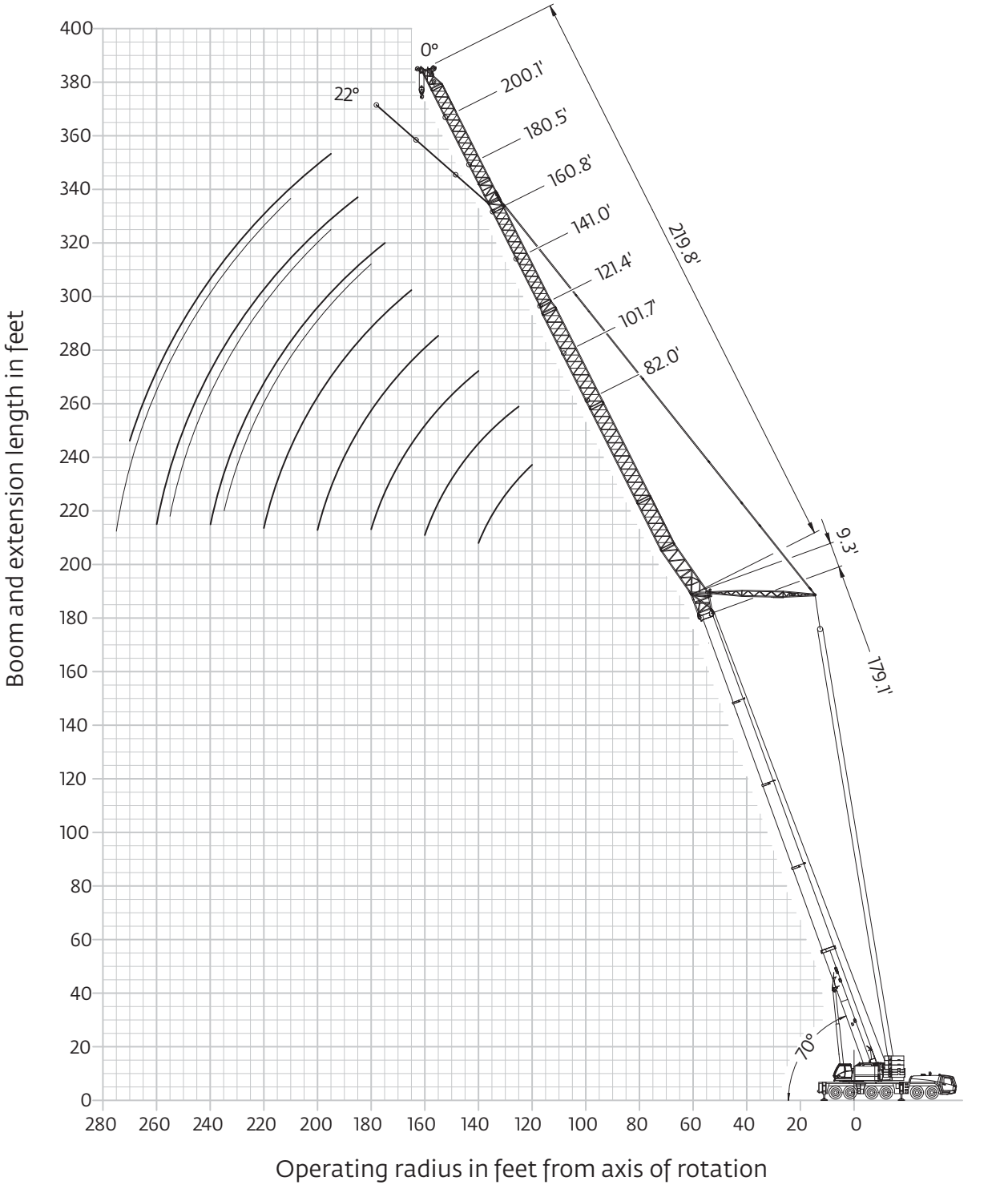


Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	Feet
75	33.00											**75**
80	33.00	26.40										**80**
85	33.00	26.40										**85**
90	33.00	26.40	21.20									**90**
95	33.00	26.40	21.20	16.60								95
100	33.00	26.40	21.20	16.60	13.20							100
105	32.80	26.40	21.20	16.60	13.20	9.80	10.20	7.40				105
110	31.60	26.40	21.20	16.60	13.20	9.80	10.20	7.40				110
115	30.20	26.20	21.20	16.60	13.20	9.80	10.20	7.40				115
120		25.60	21.20	16.60	13.20	9.80	10.20	7.40		5.40		120
125		25.00	21.20	16.60	13.20	9.80	10.20	7.40	7.80	5.40		125
130		24.40	21.20	16.60	13.20	9.80	10.20	7.40	7.80	5.40		130
135			21.20	16.60	13.20	9.80	10.20	7.40	7.80	5.40		135
140			20.80	16.60	13.20	9.80	10.20	7.40	7.80	5.40	6.00	140
145			20.40	16.60	13.20	9.80	10.20	7.40	7.80	5.40	6.00	145
150			20.00	16.60	13.20	9.80	10.20	7.40	7.80	5.40	6.00	150
155				16.60	13.20	9.80	10.20	7.40	7.80	5.40	6.00	155
160				16.60	13.20	9.80	10.20	7.40	7.80	5.40	6.00	160
165				16.40	13.20	9.80	10.20	7.40	7.80	5.40	6.00	165
170				16.00	13.20	9.80	10.20	7.40	7.80	5.40	6.00	170
175					13.20	9.80	10.20	7.40	7.80	5.40	6.00	**175**
180					13.20	9.80	10.20	7.40	7.80	5.40	6.00	**180**
185					13.20	9.80	10.20	7.40	7.80	5.40	6.00	**185**
190					13.00	9.80	10.20	7.40	7.80	5.40	6.00	**190**
195						9.80	10.20	7.40	7.80	5.40	6.00	**195**
200						9.80	10.20	7.40	7.80	5.40	6.00	**200**
205						9.80		7.40	7.80	5.40	6.00	**205**
210								7.40	7.80	5.40	6.00	**210**
215								7.40	7.80	5.40	6.00	**215**
220								7.40	7.80	5.40	6.00	**220**
225								7.40		5.40	6.00	**225**
230										5.40	6.00	**230**
235										5.40	6.00	**235**
240										5.40	6.00	**240**
245										5.40		**245**

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Main boom and luffing jib - 70°



Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Luffing jib



15,39 m
(50.5 ft)
70°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
60	113.00													**60**
65	109.00													**65**
70	104.00													**70**
75	100.00	91.00												**75**
80	95.00	88.00												**80**
85	95.00	86.00												**85**
90	89.00	83.00	75.00											**90**
95		81.00	73.00	64.00										**95**
100		78.00	72.00	63.00	53.00									**100**
105		74.00	70.00	62.00	53.00									**105**
110		70.00	68.00	61.00	52.00									**110**
115			66.00	60.00	52.00	43.60	44.00							**115**
120			63.00	59.00	51.00	43.40	43.80	37.20						**120**
125			60.00	58.00	51.00	43.20	43.60	37.20						**125**
130			57.00	56.00	50.00	43.00	43.40	37.00						**130**
135				54.00	50.00	42.80	43.20	37.00	37.00	32.00				**135**
140				51.00	49.00	42.60	43.00	36.80	37.00	31.80		25.20		**140**
145				49.00	48.00	42.20	42.60	36.60	37.00	31.80	26.00	24.80		**145**
150				47.00	47.00	41.60	42.20	36.60	36.80	31.40	25.60	24.20		**150**
155					45.00	41.20	41.60	36.40	36.80	31.00	25.40	23.80		**155**
160					43.20	40.60	41.00	36.20	36.60	30.40	25.00	23.20		**160**
165					41.60	40.20	40.40	35.80	36.40	30.00	24.80	22.80	18.40	**165**
170					39.60	39.00	39.00	35.60	36.00	29.40	24.40	22.40	18.20	**170**
175						37.60	37.60	35.40	35.60	28.80	24.20	21.80	17.80	**175**
180						36.20	36.20	35.00	35.20	28.00	24.00	21.40	17.60	**180**
185						34.80		34.60	34.60	27.40	23.80	21.00	17.40	**185**
190						32.40		33.40	33.40	26.80	23.60	20.40	17.20	**190**
195								32.20	32.20	26.20	23.40	20.00	17.00	**195**
200								31.00	31.00	25.80	23.20	19.60	16.80	**200**
205								29.80		25.20	23.20	19.20	16.60	**205**
210										24.80	23.20	18.80	16.40	**210**
215										24.40	23.20	18.40	16.20	**215**
220										24.00	23.20	18.00	16.20	**220**
225										23.80		17.60	16.20	**225**
230												17.40	16.00	**230**
235												17.00	16.00	**235**
240												16.80	16.00	**240**
245												16.40		**245**

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Load chart
Luffing jib


25,19 m
(82.6 ft)
70°


25 m - 73 m
(82.0 ft - 239.5 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°



Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
75	101.00													**75**
80	95.00													**80**
85	89.00													**85**
90	83.00	82.00												**90**
95	78.00	77.00	71.00											**95**
100	73.00	73.00	71.00											**100**
105		69.00	68.00	58.00										**105**
110		65.00	65.00	58.00										**110**
115		62.00	61.00	58.00	48.00									**115**
120		59.00	58.00	57.00	48.00									**120**
125			55.00	54.00	48.00	39.60								**125**
130			53.00	52.00	48.00	39.60								**130**
135			50.00	50.00	48.00	39.60	40.20	33.60						**135**
140			48.00	47.00	47.00	39.60	40.20	33.60						**140**
145				45.00	45.00	39.60	40.20	33.60	34.00	28.40				**145**
150				43.40	43.20	39.60	40.20	33.60	34.00	28.40				**150**
155				41.80	41.40	39.60	40.20	33.60	34.00	28.40		23.40		**155**
160				40.00	39.80	38.80	38.80	33.60	34.00	28.40	25.20	23.20		**160**
165					38.20	37.20	37.20	33.60	34.00	28.40	25.00	23.00		**165**
170					36.80	35.80	35.80	33.60	34.00	28.40	24.60	22.60		**170**
175					35.40	34.40	34.40	33.60	34.00	28.40	24.40	22.20		**175**
180					34.00	33.20	33.00	32.60	32.60	28.40	24.20	21.80	18.00	**180**
185						32.00	31.80	31.40	31.40	28.00	24.00	21.40	17.80	**185**
190						30.80	30.60	30.40	30.40	27.40	23.80	21.00	17.60	**190**
195						29.60	29.60	29.20	29.20	27.00	23.60	20.60	17.40	**195**
200						28.60		28.20	28.20	26.40	23.40	20.20	17.20	**200**
205								27.20	27.20	26.00	23.20	19.80	17.00	**205**
210								26.20	26.20	25.60	23.20	19.40	16.80	**210**
215								25.40	25.40	25.00	23.00	19.00	16.60	**215**
220								24.40		24.20	23.00	18.80	16.40	**220**
225										23.40	23.00	18.40	16.20	**225**
230										22.60	23.00	18.00	16.20	**230**
235										21.80	22.20	17.60	16.00	**235**
240												17.40	16.00	**240**
245												17.00	16.00	**245**
250												16.80		**250**
255												16.60		**255**

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Load chart

Luffing jib



34,99 m
(114.8 ft)
70°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0	101.7	121.4	141.1	160.8	180.5		200.1		219.8		239.5		Feet
	0°	0°	0°	0°	0°	0°	22°	0°	22°	0°	22°	0°	22°	
90	72.00													90
95	71.00													95
100	70.00	59.00												100
105	66.00	59.00												105
110	63.00	59.00												110
115	59.00	59.00	47.00											115
120		56.00	47.00	40.00										120
125		53.00	47.00	39.80										125
130		51.00	47.00	39.80										130
135		48.00	47.00	39.80	33.20									135
140			46.00	39.80	32.80	27.40								140
145			44.00	39.80	32.80	27.20	27.20							145
150			42.00	39.80	32.80	26.60	27.00							150
155			40.40	39.60	32.80	26.60	27.00	23.00						155
160				38.00	32.80	26.60	27.00	22.60	23.40	19.20				160
165				36.40	32.80	26.60	27.00	22.40	23.20	19.20		15.60		165
170				35.00	32.80	26.40	27.00	22.40	23.00	19.20		15.60		170
175				33.60	32.80	26.40	27.00	22.40	23.00	19.20		15.60		175
180					32.00	26.40	27.00	22.40	23.00	19.20	19.80	15.60		180
185					30.80	26.40	27.00	22.40	22.80	19.20	19.80	15.60		185
190					29.60	26.40	27.00	22.40	22.60	19.20	19.80	15.60		190
195					28.40	26.40	27.00	22.40	22.60	19.20	19.60	15.60	16.20	195
200						26.40	26.80	22.40	22.60	19.20	19.60	15.60	16.20	200
205						26.00		22.40	22.60	19.20	19.60	15.60	16.20	205
210						25.00		22.40	22.60	19.20	19.60	15.60	16.20	210
215						24.00		22.40	22.60	19.20	19.60	15.60	16.20	215
220								22.40	22.60	19.20	19.60	15.60	16.20	220
225								22.20		19.20	19.60	15.60	16.20	225
230								21.40		19.20	19.60	15.60	16.20	230
235								20.60		19.20	19.60	15.60	16.00	235
240										19.20	19.60	15.60	15.80	240
245										19.00		15.60	15.80	245
250												15.60	15.80	250
255												15.60	15.80	255
260												15.60	15.80	260
265												15.60		265

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Load chart
Luffing jib


44,79 m
(147.0 ft)
70°


25 m - 73 m
(82.0 ft - 239.5 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°




Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
100	239.50													100
105	40.40													105
110	38.80													110
115	37.20	35.20												115
120	35.40	34.00												120
125	33.80	32.80	30.80											125
130	32.20	31.40	30.00											130
135		30.20	28.80	26.00										135
140		28.80	27.00	25.00										140
145		26.60	25.40	24.00	22.60									145
150		24.80	24.20	23.20	22.00									150
155			23.40	22.40	21.40									155
160			22.40	21.40	20.80	18.80	19.00							160
165			21.40	20.60	20.00	18.20	18.40	15.80						165
170			20.40	19.80	19.20	17.80	18.00	15.80		13.00				170
175				19.00	18.40	17.20	17.40	15.80		13.00				175
180				18.20	17.80	16.60	16.80	15.40	15.80	13.00		10.20		180
185				17.40	17.20	16.00	16.20	15.00	15.40	13.00		10.20		185
190				16.60	16.40	15.40	15.60	14.60	15.00	13.00		10.20		190
195					15.80	14.80	15.00	14.20	14.60	12.80	13.60	10.20		195
200					15.20	14.20	14.40	13.60	14.00	12.40	13.20	10.20		200
205					14.40	13.60	13.80	13.20	13.40	12.00	13.00	10.20	10.80	205
210						13.20	13.20	12.60	13.00	11.60	12.60	10.20	10.80	210
215						12.60	12.80	12.20	12.40	11.20	12.00	10.20	10.80	215
220						12.00		11.60	12.00	10.80	11.60	10.20	10.80	220
225						11.40		11.20	11.40	10.40	11.20	10.00	10.60	225
230								10.60	11.00	10.00	10.80	9.80	10.20	230
235								10.20	10.60	9.60	10.40	9.40	9.80	235
240								9.80	10.00	9.20	9.80	9.00	9.40	240
245								9.20		8.80	9.40	8.60	9.00	245
250										8.40	9.00	8.20	8.60	250
255										8.00	8.60	7.80	8.40	255
260												7.40	8.00	260
265												7.20	7.60	265
270												6.80	7.20	270
275												6.40	6.80	275
280												6.00		280

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Load chart

Luffing jib



54,59 m
(179.1 ft)
70°



25 m - 67 m
(82.0 ft - 219,8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°



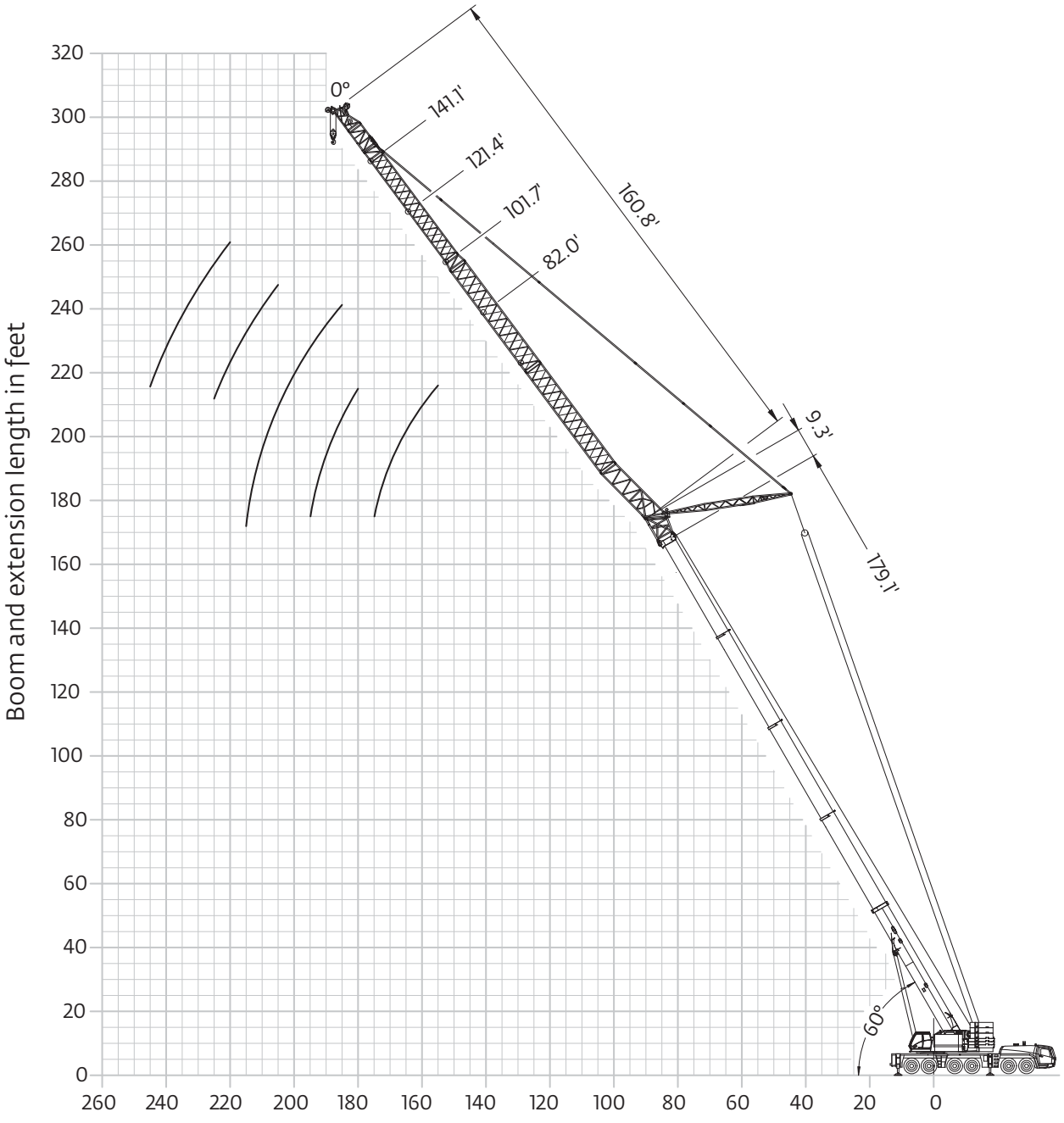


Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	Feet
120	25.80											**120**
125	25.00	21.80										**125**
130	24.00	21.80										**130**
135	23.20	21.20										**135**
140	22.60	20.60	18.80									**140**
145		20.00	18.20									**145**
150		19.20	17.60									**150**
155		18.60	17.20	15.20								**155**
160		18.00	16.60	14.80								**160**
165			16.00	14.20	12.80							**165**
170			15.60	13.80	12.40							**170**
175			15.20	13.40	12.00	10.20						**175**
180			14.60	13.00	11.80	9.80	10.00					**180**
185				12.60	11.40	9.60	9.80	8.20				**185**
190				12.20	11.00	9.40	9.40	8.00				**190**
195				11.80	10.60	9.00	9.20	7.80	8.00	6.00		**195**
200				11.40	10.40	8.80	8.80	7.60	7.80	6.00		**200**
205					10.00	8.40	8.60	7.20	7.60	6.00		**205**
210					9.60	8.20	8.20	7.00	7.40	6.00	6.40	**210**
215					9.40	7.80	8.00	6.80	7.00	5.80	6.20	**215**
220					9.00	7.60	7.60	6.60	6.80	5.60	6.00	**220**
225						7.20	7.40	6.20	6.60	5.40	5.80	**225**
230						7.00	7.20	6.00	6.20	5.20	5.60	**230**
235						6.80	6.80	5.80	6.00	5.00	5.40	**235**
240						6.40		5.60	5.80	4.80	5.20	**240**
245								5.40	5.60	4.60	5.00	**245**
250								5.20	5.40	4.40	4.80	**250**
255								4.80	5.20	4.20	4.40	**255**
260								4.60		4.00	4.20	**260**
265										3.80	4.00	**265**
270										3.60	3.80	**270**
275											3.60	**275**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Main boom and luffing jib - 60°



Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Luffing jib



15,39 m
(50.5 ft)
60°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
90	85.00													**90**
95	80.00	79.00												**95**
100	75.00	75.00												**100**
105		71.00												**105**
110		67.00												**110**
115		64.00	63.00											**115**
120		60.00	60.00	58.00										**120**
125			57.00	56.00										**125**
130			54.00	53.00										**130**
135			52.00	51.00	49.00									**135**
140			50.00	49.00	48.00									**140**
145				47.00	46.00	41.20								**145**
150				45.00	44.00	41.00								**150**
155				43.00	42.60	40.60	40.80							**155**
160				41.20	41.00	40.00	39.80	35.20						**160**
165					39.40	38.40	38.40	35.20	35.40					**165**
170					37.80	36.80	36.80	35.00	35.20					**170**
175					36.40	35.40	35.40	34.80	35.00	29.60				**175**
180						34.20	34.20	33.80	33.80	29.20				**180**
185						32.80	32.80	32.40	32.40	28.80	24.00	21.60		**185**
190						31.80	31.60	31.40	31.40	28.00	23.80	21.20		**190**
195						30.60		30.20	30.20	27.40	23.60	20.80		**195**
200								29.20	29.20	26.60	23.40	20.20		**200**
205								28.20	28.20	26.00	23.20	19.80	16.80	**205**
210								27.20		25.60	23.20	19.40	16.80	**210**
215								26.20		25.20	23.00	19.00	16.60	**215**
220										24.80	23.00	18.60	16.40	**220**
225										24.20	23.00	18.20	16.20	**225**
230										23.40		18.00	16.20	**230**
235										22.80		17.60	16.00	**235**
240												17.20	16.00	**240**
245												17.00	16.00	**245**
250												16.60		**250**
255												16.40		**255**

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Load chart
Luffing jib


25,19 m
(82.6 ft)
60°


25 m - 73 m
(82.0 ft - 239.5 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°




Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	Feet
100	68.00													100
105	64.00													105
110	61.00													110
115	58.00	57.00												115
120		54.00												120
125		52.00	51.00											125
130		49.00	48.00											130
135		47.00	46.00											135
140			44.00	43.20										140
145			42.20	41.20										145
150			40.40	39.60										150
155			38.80	37.80	37.40									155
160				36.40	36.00									160
165				35.00	34.60	33.40								165
170				33.60	33.20	32.20								170
175				32.20	32.00	30.80	30.80							175
180					30.80	29.60	29.60	29.20						180
185					29.60	28.60	28.60	28.00	28.00					185
190					28.40	27.40	27.40	27.00	27.00					190
195					27.40	26.40	26.40	26.00	26.00	25.60				195
200						25.40	25.40	25.00	25.00	24.60				200
205						24.60	24.60	24.20	24.20	23.80	23.60	20.80		205
210						23.60		23.20	23.20	22.80	23.20	20.40		210
215						22.80		22.40	22.40	22.00	22.40	20.20		215
220								21.60	21.60	21.20	21.60	19.80		220
225								20.80	20.80	20.60	20.80	19.40	16.60	225
230								20.20		19.80	20.20	19.00	16.00	230
235								19.40		19.20	19.40	18.60	16.40	235
240										18.60	18.80	18.20	16.20	240
245										17.80	18.20	17.60	16.00	245
250										17.20		17.00	16.00	250
255										16.60		16.40	16.00	255
260												16.00	16.00	260
265												15.40	15.40	265
270												14.80		270
275												14.40		275

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Load chart

Luffing jib



34,99 m
(114.8 ft)
60°



25 m - 73 m
(82.0 ft - 239.5 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0	101.7	121.4	141.1	160.8	180.5		200.1		219.8		239.5		Feet
	0°	0°	0°	0°	0°	0°	22°	0°	22°	0°	22°	0°	22°	
120	51.00													120
125	48.00													125
130	46.00													130
135	43.80	43.20												135
140		41.40												140
145		39.60	38.80											145
150		37.80	37.00											150
155		36.20	35.60											155
160			34.00	33.00										160
165			32.80	31.80										165
170			31.40	30.60										170
175			30.20	29.40	28.60									175
180				28.20	27.60									180
185				27.20	26.40	25.80								185
190				26.00	25.40	24.80								190
195				25.00	24.60	23.80	23.80							195
200					23.60	22.80	22.80	22.20						200
205					22.80	22.00	22.00	21.60	21.40					205
210					22.00	21.20	21.20	20.80	20.60	19.00				210
215					21.20	20.40	20.40	20.00	20.00	19.00				215
220						19.60	19.60	19.20	19.20	18.80				220
225						19.00		18.60	18.60	18.20	18.20	16.40		225
230						18.20		18.00	17.80	17.60	17.40	16.40		230
235						17.60		17.20	17.20	16.80	16.80	16.20		235
240								16.60	16.60	16.20	16.20	15.60		240
245								16.00		15.80	15.60	15.00	15.20	245
250										15.20	15.20	14.40	14.60	250
255										14.60	14.60	13.80	14.00	255
260										14.00	14.00	13.40	13.40	260
265										13.40		12.80	12.80	265
270												12.20	12.20	270
275												11.80	11.80	275
280												11.20	11.20	280
285												10.80		285

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Load chart
Luffing jib


44,79 m
(147.0 ft)
60°


25 m - 73 m
(82.0 ft - 239.5 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°



Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.9 0°	219.9 22°	239.5 0°	239.5 22°	Feet
140	26.00													140
145	25.00													145
150	24.20													150
155	23.40	22.00												155
160		21.20												160
165		20.40	19.40											165
170		19.80	18.60											170
175		19.00	18.00											175
180			17.40	16.00										180
185			16.80	15.40										185
190			16.40	15.00										190
195			15.80	14.40	13.40									195
200				14.00	13.00									200
205				13.40	12.60	11.20								205
210					12.20	10.80	10.80							210
215					11.80	10.40	10.40							215
220					11.40	10.00	10.00	9.00						220
225					11.00	9.60	9.80	8.80	9.00					225
230						9.20	9.40	8.40	8.60	7.80				230
235						9.00	9.00	8.00	8.40	7.40				235
240						8.60	8.60	7.80	8.00	7.20				240
245						8.20		7.40	7.60	6.80	7.20	6.00		245
250								7.20	7.40	6.60	7.00	5.60		250
255								6.80	7.00	6.20	6.60	5.40		255
260								6.60	6.80	6.00	6.40	5.20		260
265								6.40		5.80	6.00	5.00	5.40	265
270										5.60	5.80	4.60	5.20	270
275										5.20	5.40	4.40	4.80	275
280										5.00	5.20	4.20	4.60	280
285										4.80		4.00	4.40	285
290												3.80	4.00	290
295												3.60	3.80	295
300													3.60	300


54,59 m
(179.1 ft)
60°


25 m - 49 m
(82.0 ft - 160.8 ft)


135 000 kg
(297,600 lb)


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)


360°



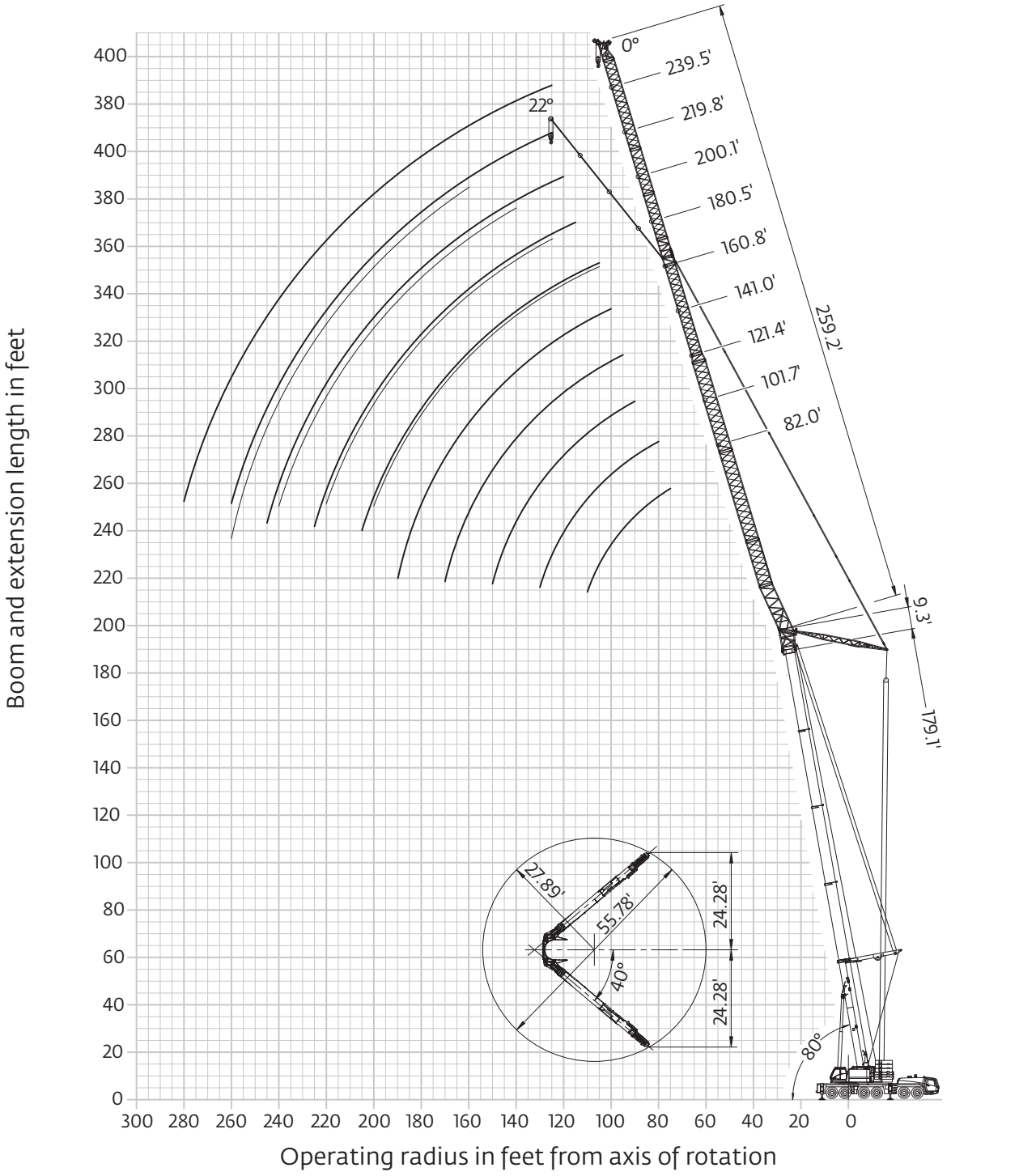
Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	Feet
155	15.60					155
160	15.40					160
165	14.80					165
170	14.20					170
175	13.80					175
180		11.80				180
185		11.40	10.20			185
190		11.00	9.80			190
195		10.60	9.40			195
200			9.20			200
205			8.80	7.40		205
210			8.40	7.00		210
215			8.00	6.80		215
220				6.40	5.60	220
225				6.20	5.20	225
230					5.00	230
235					4.80	235
240					4.40	240
245					4.20	245

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Working range
Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 80°



Hook heights shown in the working diagram do not consider loaded boom deflection.

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Load chart

Luffing jib with MegaWingLift™



34,99 m
(114.8 ft)
80°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
55	126.00														55
60	117.00	106.00													60
65	109.00	106.00													65
70	103.00	101.00	84.00												70
75	97.00	95.00	84.00	68.00											75
80	91.00	89.00	84.00	68.00	56.00										80
85	87.00	85.00	83.00	68.00	56.00										85
90	83.00	80.00	78.00	68.00	56.00	44.00									90
95	81.00	76.00	74.00	68.00	56.00	44.00	46.00	36.80							95
100		73.00	71.00	68.00	56.00	44.00	46.00	36.80		30.60					100
105		70.00	68.00	66.00	56.00	44.00	46.00	36.80	38.40	30.60		25.20			105
110		68.00	65.00	63.00	56.00	44.00	46.00	36.80	38.40	30.60		25.20			110
115		66.00	62.00	61.00	56.00	44.00	46.00	36.80	38.40	30.60		25.20		19.80	115
120			60.00	58.00	56.00	44.00	46.00	36.80	38.40	30.60	29.00	25.20		19.80	120
125			58.00	56.00	54.00	44.00	46.00	36.80	38.40	30.60	28.40	25.20		19.80	125
130			56.00	54.00	52.00	44.00	46.00	36.80	38.40	30.60	27.80	25.20		19.80	130
135			54.00	52.00	50.00	44.00	46.00	36.80	38.40	30.60	27.20	25.20	20.80	19.80	135
140				50.00	48.00	44.00	46.00	36.80	38.20	30.60	26.80	25.20	20.40	19.80	140
145				48.00	46.00	44.00	45.00	36.80	37.80	30.60	26.40	25.20	20.00	19.80	145
150				47.00	45.00	43.40	43.40	36.80	37.60	30.60	26.00	25.00	19.60	19.80	150
155					43.40	41.80	41.80	36.80	37.40	30.60	25.60	24.40	19.40	19.80	155
160					42.20	40.40	40.20	36.80	37.20	30.60	25.40	23.80	19.00	19.40	160
165					41.00	39.00	39.00	36.80	37.20	30.60	25.00	23.40	18.60	18.80	165
170					40.00	37.80	37.80	36.80	36.60	30.20	24.80	22.80	18.40	18.40	170
175						36.80	36.60	35.60	35.40	29.40	24.40	22.40	18.00	18.00	175
180						35.60	35.60	34.40	34.20	28.60	24.20	21.80	17.80	17.60	180
185						34.80		33.40	33.20	28.00	24.00	21.40	17.60	17.20	185
190						33.80		32.40	32.20	27.20	23.80	20.80	17.40	16.60	190
195								31.40	31.20	26.80	23.60	20.40	17.20	16.20	195
200								30.60	30.40	26.20	23.40	20.00	17.00	15.80	200
205								30.00		25.80	23.40	19.40	16.80	15.60	205
210										25.20	23.20	19.00	16.60	15.20	210
215										24.80	23.20	18.60	16.40	14.80	215
220										24.40	23.20	18.20	16.40	14.40	220
225										24.00		18.00	16.20	14.20	225
230												17.60	16.20	13.80	230
235												17.20	16.20	13.60	235
240												17.00	16.20	13.20	240
245												16.60		13.00	245
250														12.60	250
255														12.40	255
260														12.20	260
265														12.00	265

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Load chart

Luffing jib with MegaWingLift™



39,89 m
(130.9 ft)
80°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	 22°	200.1 0°	 22°	219.8 0°	 22°	239.5 0°	 22°	259.2 0°	Feet
60	112.00														**60**
65	104.00														**65**
70	98.00	96.00													**70**
75	92.00	90.00	82.00												**75**
80	87.00	85.00	82.00	67.00											**80**
85	83.00	81.00	80.00	67.00											**85**
90	79.00	77.00	75.00	67.00	55.00										**90**
95	76.00	73.00	72.00	67.00	55.00	44.00									**95**
100		70.00	68.00	66.00	55.00	44.00	46.00	36.60							**100**
105		67.00	65.00	63.00	55.00	44.00	46.00	36.60		30.60		25.20			**105**
110		64.00	62.00	60.00	55.00	44.00	46.00	36.60		30.60		25.20			**110**
115		62.00	59.00	58.00	55.00	44.00	46.00	36.60	38.20	30.60		25.20		20.20	**115**
120			57.00	55.00	54.00	44.00	46.00	36.60	38.20	30.60		25.20		20.20	**120**
125			55.00	53.00	52.00	44.00	46.00	36.60	38.20	30.60	28.60	25.20		20.20	**125**
130			53.00	51.00	50.00	44.00	46.00	36.60	38.20	30.60	28.00	25.20		20.20	**130**
135			52.00	49.00	48.00	44.00	46.00	36.60	38.20	30.60	27.40	25.20		20.20	**135**
140				47.00	46.00	44.00	44.00	36.60	37.80	30.60	27.00	25.20	20.60	20.20	**140**
145				46.00	44.00	42.80	42.60	36.60	37.60	30.60	26.60	25.20	20.20	20.20	**145**
150				44.00	42.40	41.20	41.00	36.60	37.40	30.60	26.20	25.00	19.80	20.20	**150**
155				43.40	41.00	39.60	39.60	36.60	37.20	30.60	25.80	24.40	19.40	20.00	**155**
160					39.80	38.20	38.20	36.60	37.00	30.60	25.60	23.80	18.80	19.60	**160**
165					38.60	36.80	36.80	36.00	35.80	30.60	25.20	23.40	18.60	19.20	**165**
170					37.60	35.60	35.60	34.60	34.60	30.40	25.00	22.80	18.20	18.60	**170**
175					36.80	34.60	34.40	33.40	33.40	29.80	24.60	22.40	18.00	18.20	**175**
180						33.60	33.40	32.40	32.20	29.00	24.40	21.80	17.80	17.80	**180**
185						32.60	32.60	31.40	31.20	28.40	24.00	21.40	17.60	17.40	**185**
190						31.80	31.80	30.40	30.20	27.60	24.00	20.80	17.20	17.00	**190**
195						31.20		29.60	29.40	27.00	23.80	20.40	17.00	16.40	**195**
200								28.60	28.40	26.60	23.60	20.00	16.80	16.00	**200**
205								28.00	27.80	26.00	23.40	19.40	16.80	15.80	**205**
210								27.40		25.60	23.40	19.00	16.60	15.40	**210**
215								27.00		25.20	23.20	18.60	16.40	15.00	**215**
220										24.80	23.20	18.20	16.40	14.60	**220**
225										24.20	23.20	18.00	16.20	14.40	**225**
230										22.00		17.60	16.20	14.00	**230**
235										21.60		17.20	16.20	13.80	**235**
240												17.00	16.20	13.40	**240**
245												16.60	16.20	13.20	**245**
250												16.20		12.80	**250**
255														12.60	**255**
260														12.40	**260**
265														12.20	**265**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Load chart

Luffing jib with MegaWingLift™



44,79 m
(147.0 ft)
80°



25 m - 79 m
(82.0 ft - 259.2 ft)



135,000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
60	107.00														60
65	100.00														65
70	94.00	92.00													70
75	88.00	87.00	79.00												75
80	83.00	82.00	79.00	64.00											80
85	79.00	77.00	76.00	64.00											85
90	75.00	73.00	72.00	64.00	53.00										90
95	72.00	70.00	69.00	64.00	53.00	43.60									95
100	69.00	66.00	65.00	64.00	53.00	43.60	43.80	36.60							100
105		63.00	62.00	61.00	53.00	43.60	43.80	36.60		30.40					105
110		61.00	59.00	58.00	53.00	43.60	43.80	36.60		30.40					110
115		59.00	57.00	55.00	53.00	43.60	43.80	36.60	37.00	30.40		25.00			115
120		57.00	54.00	53.00	52.00	43.60	43.80	36.60	37.00	30.40		25.00		20.60	120
125			52.00	50.00	50.00	43.60	43.80	36.60	37.00	30.40	29.00	25.00		20.60	125
130			49.00	48.00	48.00	43.60	43.80	36.60	37.00	30.40	28.40	25.00		20.60	130
135			48.00	47.00	46.00	43.60	43.80	36.60	37.00	30.40	27.80	25.00		20.60	135
140				45.00	44.00	42.40	42.40	36.60	37.00	30.40	27.20	25.00	20.80	20.60	140
145				43.40	42.40	40.80	40.60	36.60	37.00	30.40	26.60	25.00	20.40	20.60	145
150				42.00	40.80	39.20	39.00	36.60	37.00	30.40	26.40	25.00	20.00	20.60	150
155				40.80	39.40	37.60	37.60	36.60	36.60	30.40	26.00	24.80	19.60	20.40	155
160				39.80	38.20	36.20	36.20	35.40	35.20	30.40	25.60	24.20	19.40	19.80	160
165					37.00	35.00	35.00	34.20	34.00	30.40	25.40	23.80	19.00	19.40	165
170					35.80	33.80	33.80	32.80	32.80	30.40	25.00	23.20	18.80	19.00	170
175					35.00	32.60	32.60	31.80	31.60	30.00	24.80	22.80	18.40	18.40	175
180						31.60	31.60	30.60	30.40	29.40	24.40	22.40	18.20	18.00	180
185						30.80	30.60	29.60	29.40	28.80	24.20	21.80	18.00	17.60	185
190						29.80	29.80	28.60	28.40	27.80	24.00	21.40	17.60	17.20	190
195						29.20		27.80	27.60	27.00	23.80	21.00	17.40	16.80	195
200								27.00	26.80	26.00	23.60	20.40	17.20	16.40	200
205								26.20	26.00	25.20	23.40	20.00	17.00	16.00	205
210								25.60		24.40	23.40	19.60	16.80	15.60	210
215								25.00		23.80	23.20	19.20	16.60	15.20	215
220										23.20	23.00	18.80	16.60	14.80	220
225										22.60	22.40	18.40	16.40	14.60	225
230										20.60		18.00	16.20	14.20	230
235										20.00		17.80	16.20	13.80	235
240										19.60		17.40	16.20	13.60	240
245												17.20	16.20	13.40	245
250												16.80		13.00	250
255												16.60		12.80	255
260														12.60	260
265														12.20	265
270														12.00	270
275														11.80	275

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Load chart

Luffing jib with MegaWingLift™



49,69 m (163.0 ft) 80°



25 m - 79 m (82.0 ft - 259.2 ft)



135,000 kg (297,600 lb)



8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
70	89.00														**70**
75	84.00	83.00													**75**
80	79.00	79.00	74.00												**80**
85	75.00	74.00	73.00												**85**
90	71.00	70.00	69.00	61.00											**90**
95	68.00	67.00	66.00	61.00	50.00										**95**
100	65.00	64.00	63.00	61.00	50.00	41.40									**100**
105	62.00	61.00	60.00	58.00	50.00	41.40	42.00	35.00							**105**
110	61.00	58.00	57.00	55.00	50.00	41.40	42.00	35.00							**110**
115		56.00	54.00	53.00	50.00	41.40	42.00	35.00		29.80					**115**
120		54.00	52.00	50.00	50.00	41.40	42.00	35.00	35.20	29.80		24.60		20.80	**120**
125			50.00	48.00	48.00	41.40	42.00	35.00	35.20	29.80		24.60		20.80	**125**
130			48.00	46.00	46.00	41.40	42.00	35.00	35.20	29.80		24.60		20.80	**130**
135			46.00	45.00	43.80	41.40	42.00	35.00	35.20	29.80	28.00	24.60		20.80	**135**
140			45.00	42.80	42.00	40.60	40.60	35.00	35.20	29.80	27.40	24.60		20.80	**140**
145				41.20	40.40	39.00	38.80	35.00	35.20	29.80	26.80	24.60	20.60	20.80	**145**
150				39.80	39.00	37.40	37.40	35.00	35.20	29.80	26.40	24.60	20.20	20.80	**150**
155				38.60	37.60	36.00	35.80	35.00	35.00	29.80	26.00	24.60	19.80	20.40	**155**
160				37.60	36.20	34.60	34.60	33.80	33.60	29.80	25.80	24.20	19.60	20.00	**160**
165					35.00	33.40	33.20	32.40	32.40	29.80	25.40	23.80	19.20	19.60	**165**
170					34.00	32.20	32.00	31.20	31.20	29.80	25.20	23.40	19.00	19.00	**170**
175					33.00	31.00	31.00	30.20	30.00	29.40	24.80	23.00	18.60	18.60	**175**
180					32.20	30.00	29.00	29.00	29.00	28.40	24.60	22.60	18.40	18.20	**180**
185						30.00	28.20	28.00	28.00	27.40	24.40	22.00	18.00	17.80	**185**
190						29.00	27.40	27.20	27.00	26.40	24.20	21.60	17.80	17.40	**190**
195						28.20		26.20	26.00	25.40	23.80	21.20	17.60	17.00	**195**
200						27.40		25.40	25.20	24.60	23.80	20.80	17.40	16.60	**200**
205						26.80		24.60	24.60	23.80	23.60	20.40	17.20	16.20	**205**
210								24.00	23.80	23.00	23.00	20.00	17.00	15.80	**210**
215								23.40	23.20	22.40	22.20	19.40	16.80	15.40	**215**
220								22.80		21.60	21.60	19.00	16.60	15.20	**220**
225										21.00	21.00	18.80	16.40	14.80	**225**
230										20.60	20.40	18.40	16.40	14.40	**230**
235										20.00	19.80	18.00	16.20	14.20	**235**
240										19.60		17.60	16.20	13.80	**240**
245												17.40	16.00	13.60	**245**
250												17.00	16.00	13.20	**250**
255												16.80	16.00	13.00	**255**
260												16.40		12.80	**260**
265														12.40	**265**
270														12.20	**270**
275														12.00	**275**

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Load chart

Luffing jib with MegaWingLift™



54,59 m
(179.1 ft)
80°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





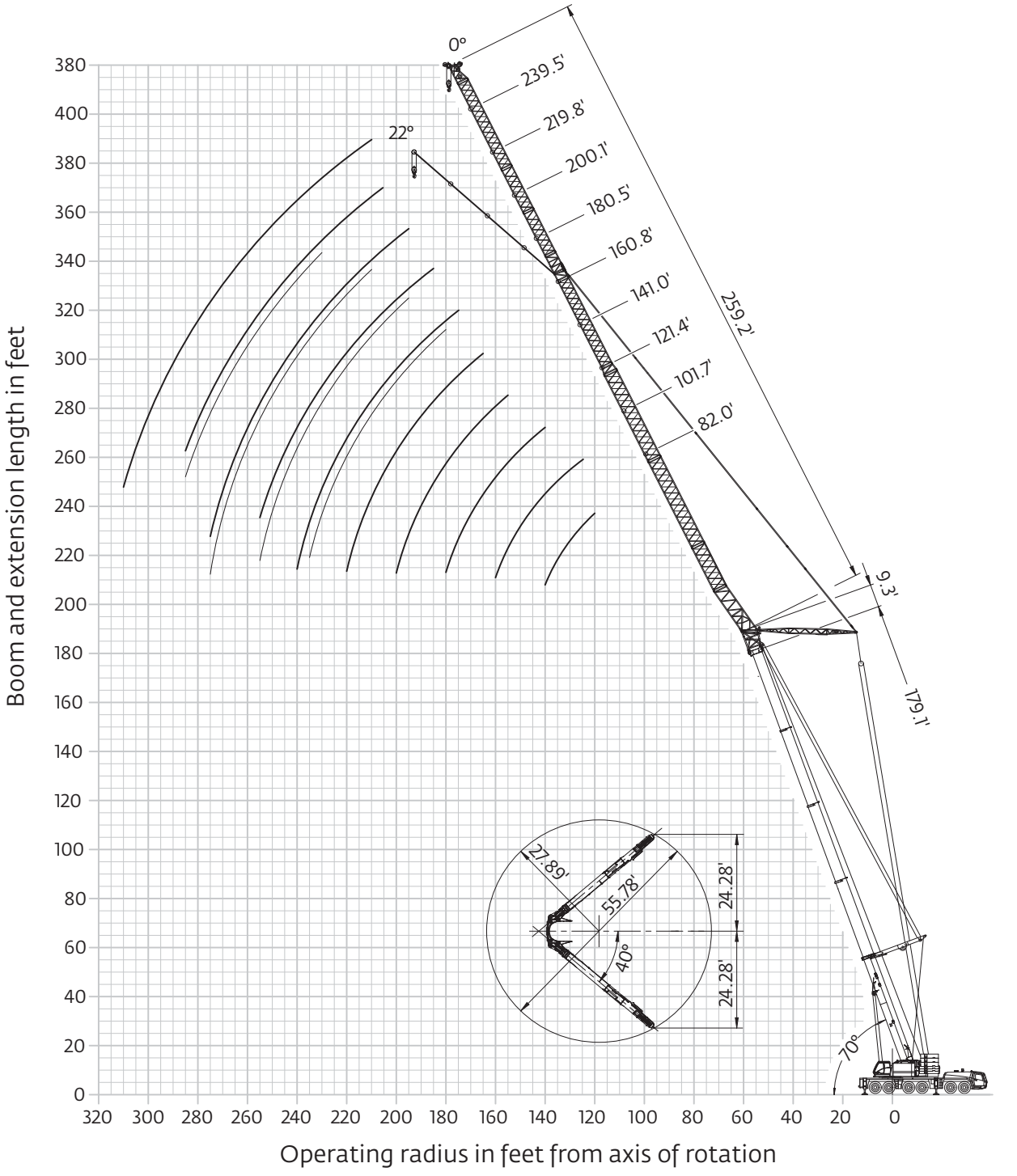
Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
75	81.00														**75**
80	76.00	75.00													**80**
85	72.00	71.00													**85**
90	68.00	67.00	67.00												**90**
95	65.00	64.00	63.00	58.00											**95**
100	62.00	61.00	60.00	58.00	48.00										**100**
105	59.00	58.00	57.00	56.00	48.00	39.20	39.60								**105**
110	57.00	55.00	54.00	53.00	48.00	39.20	39.60								**110**
115		53.00	52.00	51.00	48.00	39.20	39.60	33.20							**115**
120		51.00	50.00	48.00	48.00	39.20	39.60	33.20		28.20					**120**
125		49.00	48.00	46.00	48.00	39.20	39.60	33.20	33.60	28.20		23.40		19.60	**125**
130		48.00	46.00	44.00	43.80	39.20	39.60	33.20	33.60	28.20		23.40		19.60	**130**
135			44.00	42.40	42.00	39.20	39.60	33.20	33.60	28.20		23.40		19.60	**135**
140			42.60	40.80	40.20	38.80	38.60	33.20	33.60	28.20	26.80	23.40		19.60	**140**
145			41.40	39.20	38.60	37.20	37.00	33.20	33.60	28.20	26.40	23.40		19.60	**145**
150			40.20	37.80	37.20	35.60	35.60	33.20	33.60	28.20	26.20	23.40		19.60	**150**
155				36.60	35.80	34.20	34.20	33.20	33.40	28.20	26.00	23.40		19.60	**155**
160				35.40	34.60	33.00	32.80	32.00	32.00	28.20	25.60	23.40	19.60	19.60	**160**
165				34.40	33.40	31.60	31.60	30.80	30.80	28.20	25.40	23.40	19.40	19.40	**165**
170				33.60	32.20	30.60	30.40	29.60	29.60	28.20	25.20	23.20	19.00	19.00	**170**
175					31.20	29.40	29.40	28.60	28.40	28.00	24.80	23.00	18.80	18.60	**175**
180					30.20	28.40	28.40	27.60	27.40	26.80	24.60	22.60	18.60	18.40	**180**
185					29.60	27.40	27.40	26.60	26.40	25.80	24.40	22.20	18.20	18.00	**185**
190					29.00	26.60	26.40	25.60	25.60	25.00	24.20	21.80	18.00	17.60	**190**
195						25.80	25.60	24.80	24.60	24.00	24.00	21.40	17.80	17.20	**195**
200						25.00	25.00	24.00	23.80	23.20	23.80	21.00	17.60	16.80	**200**
205						24.40		23.20	23.00	22.40	23.00	20.60	17.20	16.40	**205**
210								22.40	22.40	21.60	22.20	20.20	17.00	16.00	**210**
215								21.80	21.60	21.00	21.40	19.80	16.80	15.60	**215**
220								21.20	21.20	20.20	20.80	19.40	16.60	15.40	**220**
225								20.80		19.60	20.20	19.00	16.60	15.00	**225**
230										19.20	19.60		16.40	14.60	**230**
235										18.60	19.00		16.40	14.40	**235**
240										18.20	18.60		16.20	14.00	**240**
245										17.80			16.20	13.80	**245**
250													16.00	13.40	**250**
255													16.00	13.20	**255**
260													15.60	13.00	**260**
265														12.60	**265**
270														12.40	**270**
275														12.20	**275**
280														12.00	**280**

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Working range
Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 70°



Hook heights shown in the working diagram do not consider loaded boom deflection.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Load chart

Luffing jib with MegaWingLift™



34,99 m
(114.8 ft)
70°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
90	78.00														90
95	74.00														95
100	70.00	69.00													100
105	66.00	65.00													105
110	62.00	62.00													110
115	59.00	58.00	58.00												115
120		55.00	55.00	54.00											120
125		53.00	52.00	51.00											125
130		50.00	50.00	49.00											130
135		48.00	47.00	47.00	46.00										135
140			45.00	45.00	44.00	43.20									140
145			43.40	42.80	42.00	41.20	41.20								145
150			41.60	41.00	40.20	39.60	39.40								150
155			39.80	39.20	38.60	37.80	37.80	37.20							155
160				37.60	37.00	36.20	36.20	35.80	35.60	32.40					160
165				36.20	35.60	34.80	34.80	34.20	34.20	32.00		25.00			165
170				34.80	34.20	33.40	33.40	32.80	32.80	31.60		24.60			170
175				33.40	32.80	32.20	32.00	31.60	31.60	31.20		24.00			175
180					31.60	31.00	30.80	30.40	30.40	30.00	25.20	23.60		19.20	180
185					30.40	29.80	29.80	29.20	29.20	28.80	25.00	23.20		18.80	185
190					29.20	28.60	28.60	28.20	28.20	27.80	24.60	22.60		18.40	190
195					28.20	27.60	27.60	27.20	27.20	26.80	24.20	22.20	18.00	18.00	195
200						26.60	26.60	26.20	26.20	25.80	23.40	21.80	17.80	17.60	200
205						25.60		25.20	25.20	24.80	22.40	21.40	17.60	17.20	205
210								24.20	24.20	24.00	21.60	20.80	17.40	16.80	210
215								23.40	23.40	23.00	20.80	20.40	17.20	16.40	215
220								22.60	22.60	22.20	20.00	20.00	17.00	15.80	220
225								21.80		21.40	19.40	19.60	16.80	15.60	225
230										20.80	18.60	19.20	16.60	15.20	230
235										20.00	18.00	18.80	16.40	14.80	235
240										19.20	17.40	18.40	16.20	14.40	240
245										18.60		18.00	16.20	14.20	245
250												17.60	16.20	13.80	250
255												17.20	16.20	13.60	255
260												16.40	16.00	13.20	260
265												15.80		13.00	265
270														12.80	270
275														12.40	275
280														12.20	280
285														12.00	285

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Load chart

Luffing jib with MegaWingLift™



39,89 m
(130.9 ft)
70°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
95	70.00														**95**
100	67.00														**100**
105	63.00	62.00													**105**
110	60.00	59.00													**110**
115	57.00	56.00													**115**
120	54.00	51.00	52.00												**120**
125		53.00	50.00	49.00											**125**
130		51.00	47.00	46.00											**130**
135		48.00	45.00	44.00											**135**
140		46.00	43.20	42.20	41.80										**140**
145		44.00	41.40	40.40	40.00	38.80									**145**
150			39.60	38.60	38.40	37.20									**150**
155			38.00	37.00	36.80	35.60	35.60								**155**
160			36.40	35.60	35.20	34.20	34.20	33.40							**160**
165				34.20	33.80	32.80	32.80	32.00	32.00	31.40					**165**
170				32.80	32.40	31.40	31.40	30.60	30.60	30.00					**170**
175				31.60	31.20	30.20	30.20	29.40	29.40	28.80		24.40			**175**
180				30.20	30.00	29.00	29.00	28.40	28.40	27.60		24.00			**180**
185					29.00	27.80	27.80	27.20	27.20	26.60	25.20	23.60		19.20	**185**
190					27.80	26.80	26.80	26.20	26.20	25.60	25.00	23.20		18.80	**190**
195					26.80	25.80	25.80	25.20	25.20	24.60	24.60	22.60		18.20	**195**
200					25.80	24.80	24.80	24.20	24.20	23.60	24.20	22.20	18.20	17.80	**200**
205						24.00	24.00	23.40	23.40	22.80	23.40	21.80	17.80	17.40	**205**
210						23.00		22.40	22.40	22.00	22.40	21.40	17.60	17.00	**210**
215						22.20		21.60	21.60	21.00	21.60	21.00	17.40	16.80	**215**
220								20.80	20.80	20.40	20.80	20.20	17.20	16.40	**220**
225								20.00	20.00	19.60	20.00	19.40	17.00	16.00	**225**
230								19.20		18.80	19.40	18.60	16.80	15.60	**230**
235								18.60		18.20	18.60	18.00	16.60	15.20	**235**
240										17.40	18.00	17.20	16.40	15.00	**240**
245										16.80	17.40	16.60	16.40	14.60	**245**
250										16.20		16.00	16.00	14.20	**250**
255										15.60		15.40	15.40	14.00	**255**
260												14.80	15.00	13.60	**260**
265												14.20	14.40	13.40	**265**
270												13.80		13.00	**270**
275												13.20		12.60	**275**
280														12.00	**280**
285														11.60	**285**
290														11.20	**290**
295														10.60	**295**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
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Load chart

Luffing with MegaWingLift™



44,79 m
(147.0 ft)
70°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	219.8 22°	239.5 0°	239.5 22°	259.2 0°	Feet
100	63.00														100
105	60.00														105
110	57.00														110
115	54.00	53.00													115
120	51.00	51.00													120
125	49.00	48.00	47.00												125
130	46.00	46.00	45.00												130
135		44.00	43.00	42.00											135
140		42.00	41.20	40.20											140
145		40.00	39.40	38.40	38.00										145
150		38.20	37.60	36.80	36.40										150
155			36.00	35.20	34.80										155
160			34.60	33.80	33.40	32.00	32.00								160
165			33.20	32.40	32.00	30.60	30.60	29.80							165
170			31.80	31.00	30.80	29.40	29.40	28.60							170
175				29.80	29.60	28.20	28.20	27.40		26.80					175
180				28.80	28.40	27.00	27.00	26.20	26.20	25.60		24.20			180
185				27.60	27.40	26.00	26.00	25.20	25.20	24.60		23.80			185
190				26.40	26.40	25.00	25.00	24.20	24.20	23.60		23.40			190
195					25.40	24.00	24.00	23.20	23.40	22.60	23.20	22.40			195
200					24.40	23.00	23.00	22.40	22.40	21.80	22.40	21.60		18.20	200
205					23.40	22.20	22.20	21.60	21.60	21.00	21.60	20.80	18.20	17.80	205
210						21.40	21.40	20.60	20.80	20.20	20.60	20.00	18.00	17.40	210
215						20.60	20.60	20.00	20.00	19.40	20.00	19.20	17.60	17.20	215
220						19.80		19.20	19.20	18.60	19.20	18.40	17.40	16.80	220
225								18.40	18.40	17.80	18.40	17.60	17.20	16.40	225
230								17.80	17.80	17.20	17.80	17.00	17.00	16.00	230
235								17.00	17.00	16.60	17.00	16.40	16.40	15.60	235
240								16.40		16.00	16.40	15.80	15.80	15.00	240
245										15.40	15.80	15.20	15.20	14.40	245
250										14.80	15.20	14.60	14.60	13.80	250
255										14.20	14.60	14.00	14.00	13.20	255
260										13.60		13.40	13.40	12.60	260
265												12.80	13.00	12.20	265
270												12.40	12.40	11.60	270
275												11.80	12.00	11.20	275
280												11.40		10.60	280
285														10.20	285
290														9.80	290
295														9.40	295
300														9.00	300

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Load chart

Luffing jib with MegaWingLift™



49,69 m
(163.0 ft)
70°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	 22°	200.1 0°	 22°	219.8 0°	 22°	239.5 0°	 22°	259.2 0°	Feet
115	52.00														**115**
120	50.00	48.00													**120**
125	47.00	46.00													**125**
130	45.00	44.00													**130**
135	42.80	42.00	41.00												**135**
140		40.00	39.20												**140**
145		38.40	37.40	36.60											**145**
150		36.60	35.80	35.00											**150**
155		35.00	34.40	33.60	32.80										**155**
160			33.00	32.20	31.40										**160**
165			31.60	30.80	30.20	28.60	28.00								**165**
170			30.20	29.60	29.00	27.40	27.40								**170**
175			29.00	28.40	27.80	26.40	26.40	25.60							**175**
180				27.40	26.80	25.20	25.20	24.40		23.80					**180**
185				26.20	25.80	24.20	24.20	23.40	23.40	22.80					**185**
190				25.20	24.80	23.20	23.20	22.40	22.40	21.80					**190**
195				24.20	23.80	22.40	22.40	21.60	21.60	21.00		20.80			**195**
200					22.80	21.40	21.40	20.80	20.60	20.00	20.60	19.80			**200**
205					22.00	20.60	20.60	19.80	19.80	19.20	19.80	19.00		18.20	**205**
210					21.20	19.80	19.80	19.20	19.00	18.40	19.00	18.20		17.40	**210**
215					20.20	19.00	19.00	18.40	18.40	17.80	18.20	17.60		16.80	**215**
220						18.20	18.20	17.60	17.60	17.00	17.60	16.80	16.80	16.00	**220**
225						17.60		17.00	17.00	16.40	16.80	16.20	16.20	15.40	**225**
230								16.20	16.20	15.60	16.20	15.40	15.60	14.80	**230**
235								15.60	15.60	15.00	15.60	14.80	15.00	14.00	**235**
240								15.00	15.00	14.40	15.00	14.20	14.40	13.40	**240**
245								14.40		13.80	14.40	13.60	13.80	13.00	**245**
250										13.20	13.80	13.20	13.20	12.40	**250**
255										12.80	13.20	12.60	12.60	11.80	**255**
260										12.20	12.60	12.00	12.20	11.40	**260**
265										11.80	12.20	11.60	11.60	10.80	**265**
270												11.00	11.20	10.40	**270**
275												10.60	10.60	9.80	**275**
280												10.20	10.20	9.40	**280**
285												9.60		9.00	**285**
290														8.60	**290**
295														8,20	**295**
300														7.80	**300**
305														7.40	**305**

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Load chart

Luffing jib with MegaWingLift™



54,59 m
(179.1 ft)
70°



25 m - 79 m
(82.0 ft - 259.2 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





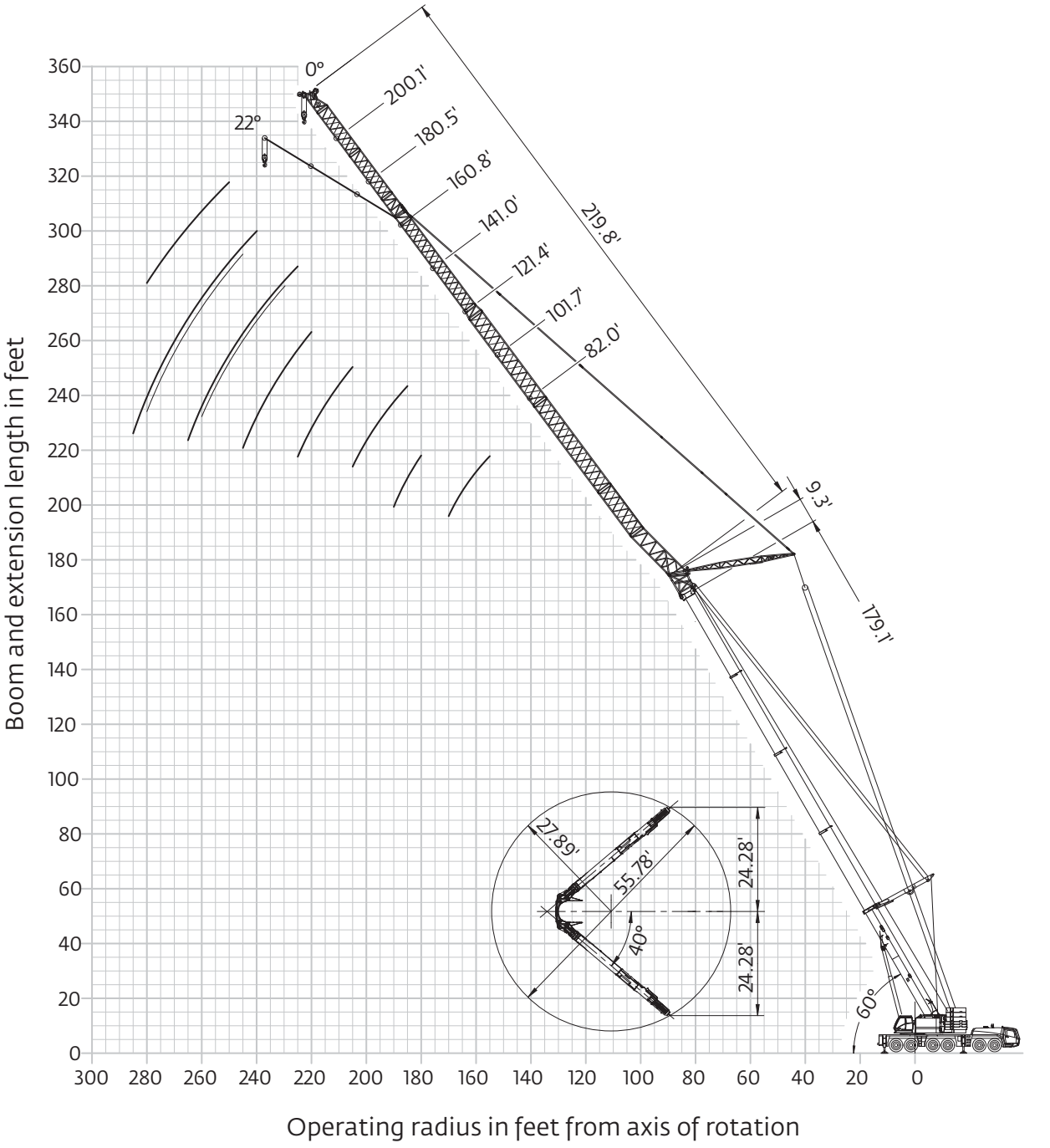
Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	 22°	200.1 0°	 22°	219.8 0°	 22°	239.5 0°	 22°	259.2 0°	Feet
120	47.00														**120**
125	45.00	43.60													**125**
130	43.00	41.80													**130**
135	41.00	39.80													**135**
140	39.20	38.20	36.80												**140**
145		36.40	35.20												**145**
150		35.00	33.80												**150**
155		33.40	32.40	31.40											**155**
160		32.00	31.00	30.20											**160**
165			29.80	29.00	28.00										**165**
170			28.60	27.80	26.80										**170**
175			27.40	26.60	25.80	24.60									**175**
180			26.20	25.60	24.80	23.60	23.60								**180**
185				24.60	23.80	22.60	22.60	21.80							**185**
190				23.60	22.80	21.60	21.60	20.80							**190**
195				22.60	21.80	20.80	20.80	20.00	20.00	20.00					**195**
200				21.80	21.00	20.00	20.00	19.20	19.20	19.20					**200**
205					20.20	19.20	19.20	18.40	18.40	18.40		17.40			**205**
210					19.40	18.40	18.40	17.60	17.60	17.60	17.60	16.60		15.60	**210**
215					18.60	17.60	17.60	16.80	16.80	16.80	16.80	16.00		15.00	**215**
220					17.80	17.00	17.00	16.20	16.20	16.20	16.20	15.40		14.40	**220**
225						16.20	16.20	15.40	15.60	15.60	15.60	14.60		13.80	**225**
230						15.60	15.60	14.80	14.80	14.80	15.00	14.00	14.00	13.20	**230**
235						15.00	14.80	14.20	14.20	14.20	14.40	13.40	13.40	12.60	**235**
240						14.20		13.60	13.60	13.60	13.80	12.80	12.80	12.00	**240**
245								13.00	13.20	13.20	13.20	12.40	12.20	11.60	**245**
250								12.60	12.60	12.60	12.60	11.80	11.80	11.00	**250**
255								12.00	12.00	12.00	12.00	11.20	11.20	10.40	**255**
260										11.60	11.60	10.80	10.80	10.00	**260**
265										11.00	11.00	10.20	10.20	9.60	**265**
270										10.60	10.60	9.80	9.80	9.00	**270**
275										10.00	10.00	9.40	9.40	8.60	**275**
280												9.00	9.00	8.20	**280**
285												8.60	8.60	7.80	**285**
290														7.40	**290**
295														7.00	**295**
300														6.60	**300**
305														6.20	**305**
310														5.80	**310**

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Working range
Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 60°



Hook heights shown in the working diagram do not consider loaded boom deflection.

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Load chart

Luffing jib with MegaWingLift™



34,99 m
(114.8 ft)
60°



25 m - 67 m
(82.0 ft - 219.8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	Feet
120	49.00										**120**
125	47.00										**125**
130	45.00										**130**
135	42.60	41.60									**135**
140		39.80									**140**
145		38.00	37.20								**145**
150		36.40	35.60								**150**
155		34.80	24.00								**155**
160			23.60	31.80							**160**
165			31.40	30.60							**165**
170			30.00	29.40							**170**
175			28.80	28.20	27.80						**175**
180				27.00	26.80						**180**
185				26.00	25.60	24.20					**185**
190				25.00	24.60	23.20					**190**
195				24.00	23.80	22.40	22.40				**195**
200					22.80	21.40	21.40	20.60			**200**
205					22.00	20.60	20.60	19.80	19.80		**205**
210					21.20	19.80	19.80	19.00	19.00	18.40	**210**
215					20.40	19.00	19.00	18.40	18.40	17.80	**215**
220						18.40	18.40	17.60	17.60	17.00	**220**
225						17.60		17.00	17.00	16.40	**225**
230						17.00		16.20	16.20	15.80	**230**
235						16.20		15.60	15.60	15.00	**235**
240								15.00	15.00	14.40	**240**
245								14.40		14.00	**245**
250										13.40	**250**
255										12.80	**255**
260										12.40	**260**
265										11.80	**265**

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Load chart

Luffing jib with MegaWingLift™



39,89 m
(130.9 ft)
60°



25 m - 67 m
(82.0 ft - 219.8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	Feet
125	43.80										125
130	41.60										130
135	39.60										135
140	37.80	37.20									140
145		35.60									145
150		34.00									150
155		32.60									155
160		31.20	30.40								160
165			29.00								165
170			28.00								170
175			26.80	25.60							175
180			25.80	24.60							180
185				23.60	22.60						185
190				22.60	21.80						190
195				21.80	20.80		22.40				195
200				20.80	20.00	18.60	21.40				200
205					19.20	17.80	20.60				205
210					18.40	17.00	19.80	16.20	16.20		210
215					17.80	16.40	19.00	15.60	15.60		215
220					17.00	15.60	18.40	14.80	15.00		220
225						15.00		14.20	14.20	14.20	225
230						14.40		13.60	13.60	13.60	230
235						13.80		13.00	13.20	13.00	235
240						13.20		12.60	12.60	12.40	240
245								12.00	12.00	11.80	245
250								11.40	11.40	11.40	250
255								11.00	11.00	10.80	255
260								10.40		10.40	260
265										10.00	265
270										9.40	270
275										9.00	275

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Load chart

Luffing jib with MegaWingLift™



44,79 m
(147.0 ft)
60°



25 m - 67 m
(82.0 ft - 219.8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	Feet
140	35.40										**140**
145	33.80										**145**
150	32.40										**150**
155		30.00									**155**
160		28.60									**160**
165		27.40	26.40								**165**
170		26.20	25.20								**170**
175			24.20								**175**
180			23.20	21.80							**180**
185			22.20	21.00							**185**
190			21.40	20.20							**190**
195				19.40	18.40						**195**
200				18.60	17.60		18.60				**200**
205				17.80	16.80	15.40	17.80				**205**
210					16.20	14.60	17.00				**210**
215					15.40	14.00	16.40				**215**
220					14.80	13.40	15.60	13.00			**220**
225					14.20	12.80	15.00	12.60	12.60		**225**
230						12.20	14.40	12.00	12.00	11.40	**230**
235						11.60	13.80	11.40	11.40	10.80	**235**
240						11.20		10.80	10.80	10.20	**240**
245						10.60		10.40	10.40	9.80	**245**
250								9.80	9.80	9.40	**250**
255								9.40	9.40	8.80	**255**
260								8.80	9.00	8.40	**260**
265								8.40		8.00	**265**
270										7.60	**270**
275										7.20	**275**
280										6.80	**280**
285										6.40	**285**

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Load chart

Luffing jib with MegaWingLift™



49,69 m
(163.0 ft)
60°



25 m - 67 m
(82.0 ft - 219.8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	Feet
145	31.40										**145**
150	30.00										**150**
155	28.60										**155**
160	27.40										**160**
165		25.20									**165**
170		24.00									**170**
175		23.00									**175**
180		22.00	21.00								**180**
185			20.20								**185**
190			19.20								**190**
195			18.40	17.20							**195**
200			17.60	16.40							**200**
205				15.80	14.80						**205**
210				15.00	14.00						**210**
215				14.40	13.40						**215**
220				13.60	12.80	12.00	11.80				**220**
225					12.20	11.40	11.40				**225**
230					11.80	10.80	10.80	10.00			**230**
235					11.20	10.20	10.20	9.40			**235**
240					10.60	9.80	9.80	9.00	9.00	8.40	**240**
245						9.20	9.20	8.60	8.60	7.80	**245**
250						8.80	8.20	8.00	8.00	7.40	**250**
255						8.20		7.60	7.60	7.00	**255**
260						7.80		7.20	7.20	6.60	**260**
265								6.80	6.80	6.20	**265**
270								6.40		5.80	**270**
275								6.00		5.40	**275**
280								5.60		5.00	**280**
285										4.80	**285**
290										4.40	**290**
295										4.00	**295**

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Load chart

Luffing jib with MegaWingLift™



54,59 m
(179.1 ft)
60°



25 m - 67 m
(82.0 ft - 219.8 ft)



135 000 kg
(297,600 lb)



8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°





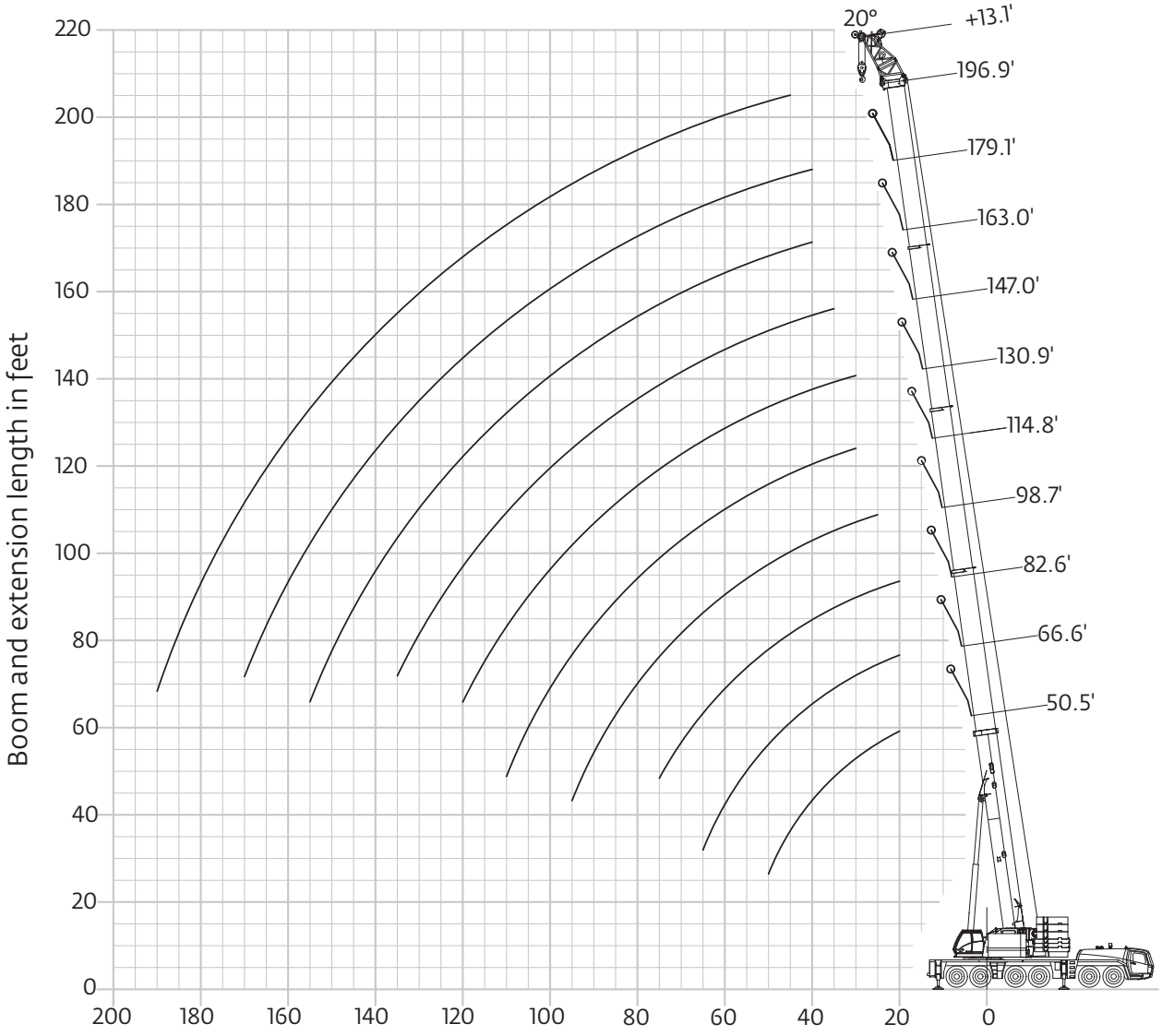
Pounds x 1000

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	180.5 0°	180.5 22°	200.1 0°	200.1 22°	219.8 0°	Feet
155	26.40										**155**
160	25.40										**160**
165	24.20										**165**
170	23.20										**170**
175											**175**
180		20.00									**180**
185		19.20	18.00								**185**
190		18.40	17.20								**190**
195			16.60								**195**
200			15.80								**200**
205			15.20	13.80							**205**
210				13.20							**210**
215				12.60							**215**
220				12.00	11.80						**220**
225				11.40	11.00	9.40					**225**
230					10.40	9.00	9.00				**230**
235					10.00	8.40	8.40				**235**
240					9.40	8.00	8.00	7.20			**240**
245					9.00	7.60	7.60	6.80	6.80		**245**
250						7.20	7.20	6.40	6.40	5.60	**250**
255						6.60	6.60	6.00	6.00	5.20	**255**
260						6.20	6.20	5.60	5.60	4.80	**260**
265						5.80		5.20	5.20	4.60	**265**
270								4.80	4.80	4.20	**270**
275								4.40	4.40	3.80	**275**
280								4.00	4.00	3.40	**280**
285								3.60			**285**

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Working range
Heavy duty jib

Main boom and 4,0 m (13.1 ft) heavy duty jib



Hook heights shown in the working diagram do not consider loaded boom deflection.

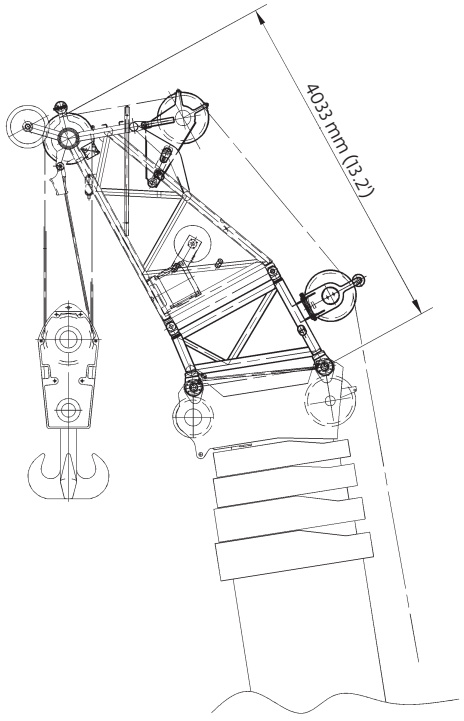
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Load chart

Heavy duty jib

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	4,0 m (13.1 ft) 20°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)	360°

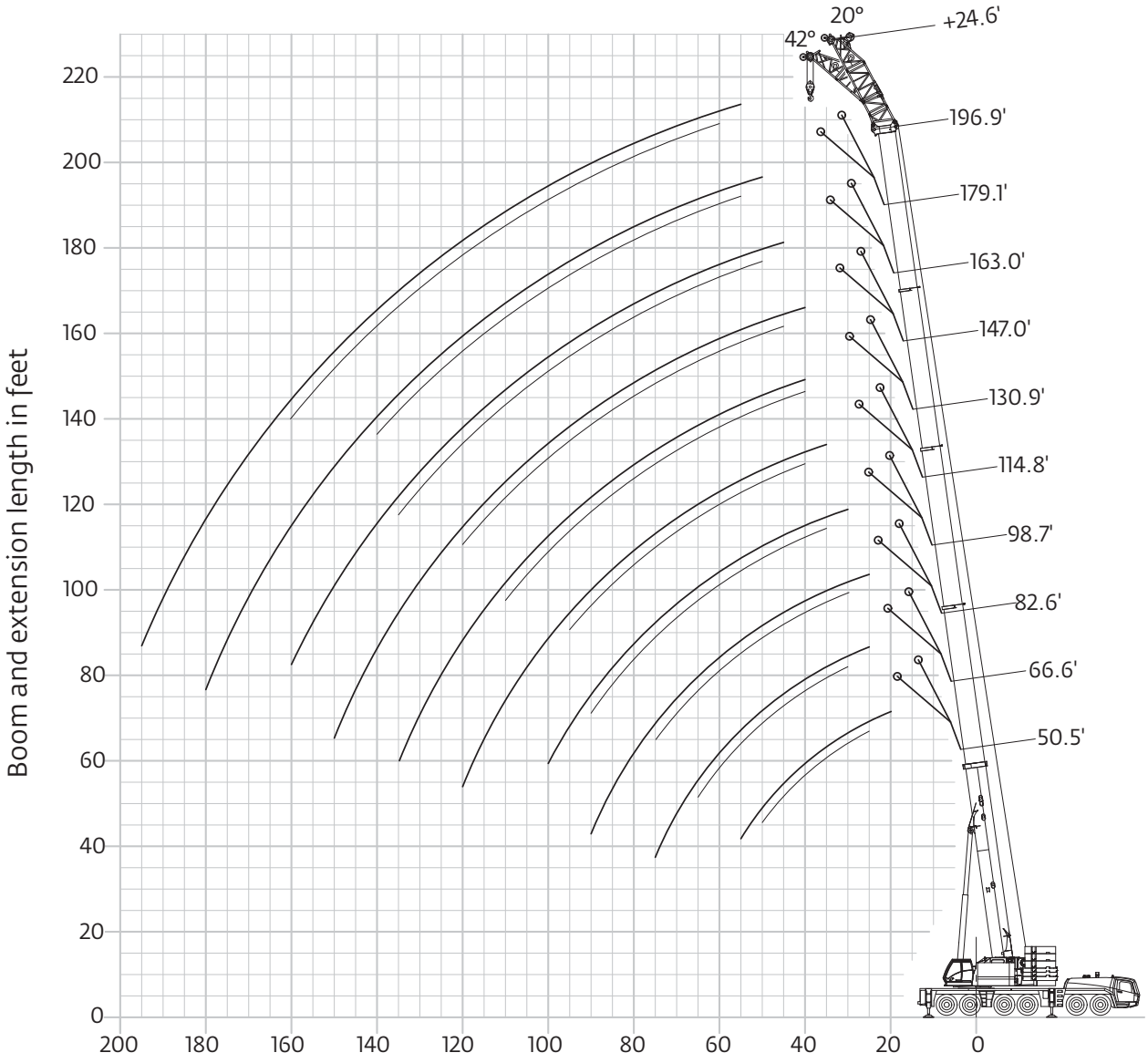
Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
35	165.00	137.00	120.00				**35**
40	164.00	126.00	112.00	99.00	82.00		**40**
45	155.00	116.00	104.00	94.00	82.00	66.00	**45**
50	146.00	106.00	97.00	89.00	81.00	66.00	**50**
55	138.00	99.00	90.00	83.00	77.00	66.00	**55**
60	126.00	91.00	83.00	77.00	72.00	65.00	**60**
65	114.00	84.00	77.00	72.00	68.00	62.00	**65**
70	104.00	78.00	72.00	68.00	64.00	59.00	**70**
75	95.00	73.00	68.00	64.00	60.00	56.00	**75**
80	87.00	68.00	64.00	59.00	57.00	52.00	**80**
85	80.00	63.00	59.00	56.00	53.00	49.00	**85**
90	74.00	59.00	56.00	53.00	50.00	47.00	**90**
95	69.00	55.00	52.00	49.00	47.00	44.00	**95**
100	64.00	52.00	49.00	47.00	45.00	41.80	**100**
105	60.00	49.00	46.00	44.00	42.40	39.80	**105**
110	53.00	46.00	43.00	41.60	40.20	37.60	**110**
115		43.40	40.60	39.40	38.20	35.60	**115**
120		41.20	38.40	37.20	36.20	33.80	**120**
125			36.20	35.00	34.40	32.00	**125**
130			34.20	33.00	32.60	30.40	**130**
135			32.40	31.40	31.00	28.80	**135**
140				29.60	29.60	27.20	**140**
145				28.00	28.00	25.60	**145**
150				26.60	26.50	24.40	**150**
155				25.00	25.00	23.20	**155**
160					23.60	22.00	**160**
165					22.20	20.80	**165**
170					21.00	19.80	**170**
175						18.80	**175**
180						18.00	**180**
185						17.00	**185**
190						16.20	**190**



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Working range
Heavy duty jib

Main boom and 7,5 m (24.6 ft) heavy duty jib



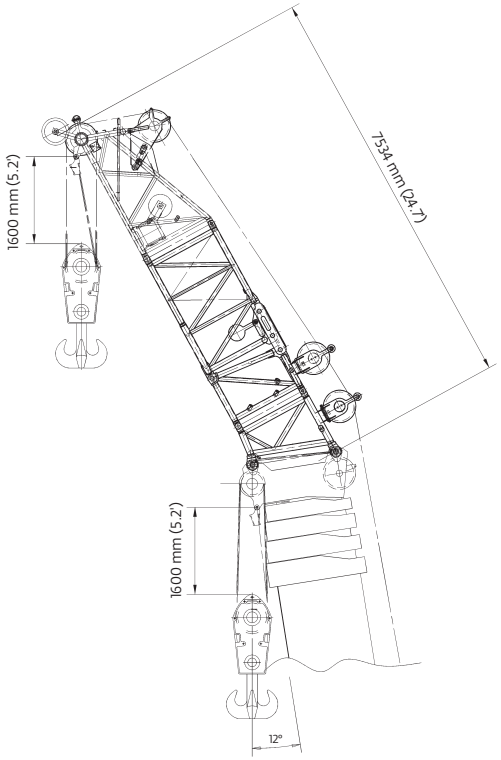
Hook heights shown in the working diagram do not consider loaded boom deflection.

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Load chart
Heavy duty jib

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	7,5 m (24.6 ft) 20°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)	360°

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
35	93.00						**35**
40	89.00	90.00	94.00				**40**
45	86.00	87.00	92.00	85.00			**45**
50	83.00	84.00	90.00	83.00	72.00		**50**
55	80.00	82.00	84.00	78.00	70.00	59.00	**55**
60	77.00	79.00	78.00	73.00	67.00	59.00	**60**
65	75.00	77.00	73.00	68.00	64.00	58.00	**65**
70	73.00	73.00	68.00	64.00	60.00	55.00	**70**
75	71.00	69.00	64.00	60.00	57.00	52.00	**75**
80	69.00	65.00	60.00	56.00	53.00	49.00	**80**
85	68.00	61.00	56.00	52.00	50.00	47.00	**85**
90	67.00	57.00	53.00	49.00	47.00	44.00	**90**
95	65.00	53.00	50.00	46.00	45.00	41.80	**95**
100	64.00	50.00	47.00	43.80	42.20	39.40	**100**
105	60.00	47.00	43.80	41.40	40.00	37.40	**105**
110	56.00	44.00	41.20	39.20	37.80	35.20	**110**
115	52.00	41.40	38.80	37.00	35.80	33.40	**115**
120	49.00	39.20	36.60	35.00	34.00	31.60	**120**
125		37.00	34.40	33.20	32.00	29.80	**125**
130		35.00	32.60	31.40	30.40	27.80	**130**
135		33.00	30.80	29.60	28.80	26.20	**135**
140			29.00	27.60	27.00	25.00	**140**
145			27.40	25.80	25.40	23.60	**145**
150			25.80	24.60	24.20	22.40	**150**
155				23.20	23.00	21.20	**155**
160				21.80	21.80	20.20	**160**
165					20.60	19.00	**165**
170					19.40	18.00	**170**
175					18.40	17.00	**175**
180					17.40	16.20	**180**
185						15.20	**185**
190						14.40	**190**
195						13.60	**195**



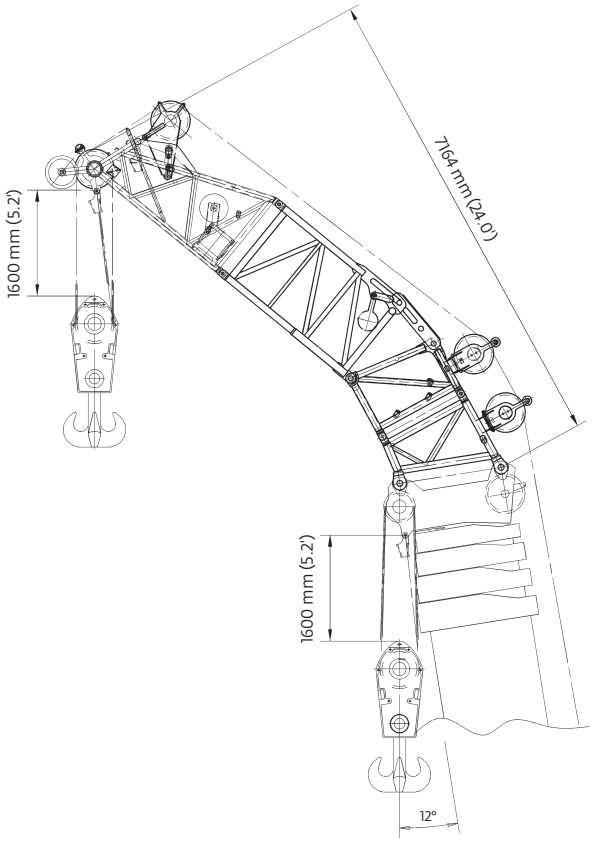
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Load chart

Heavy duty jib

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	7,5 m (24.6 ft) 42°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)	360°

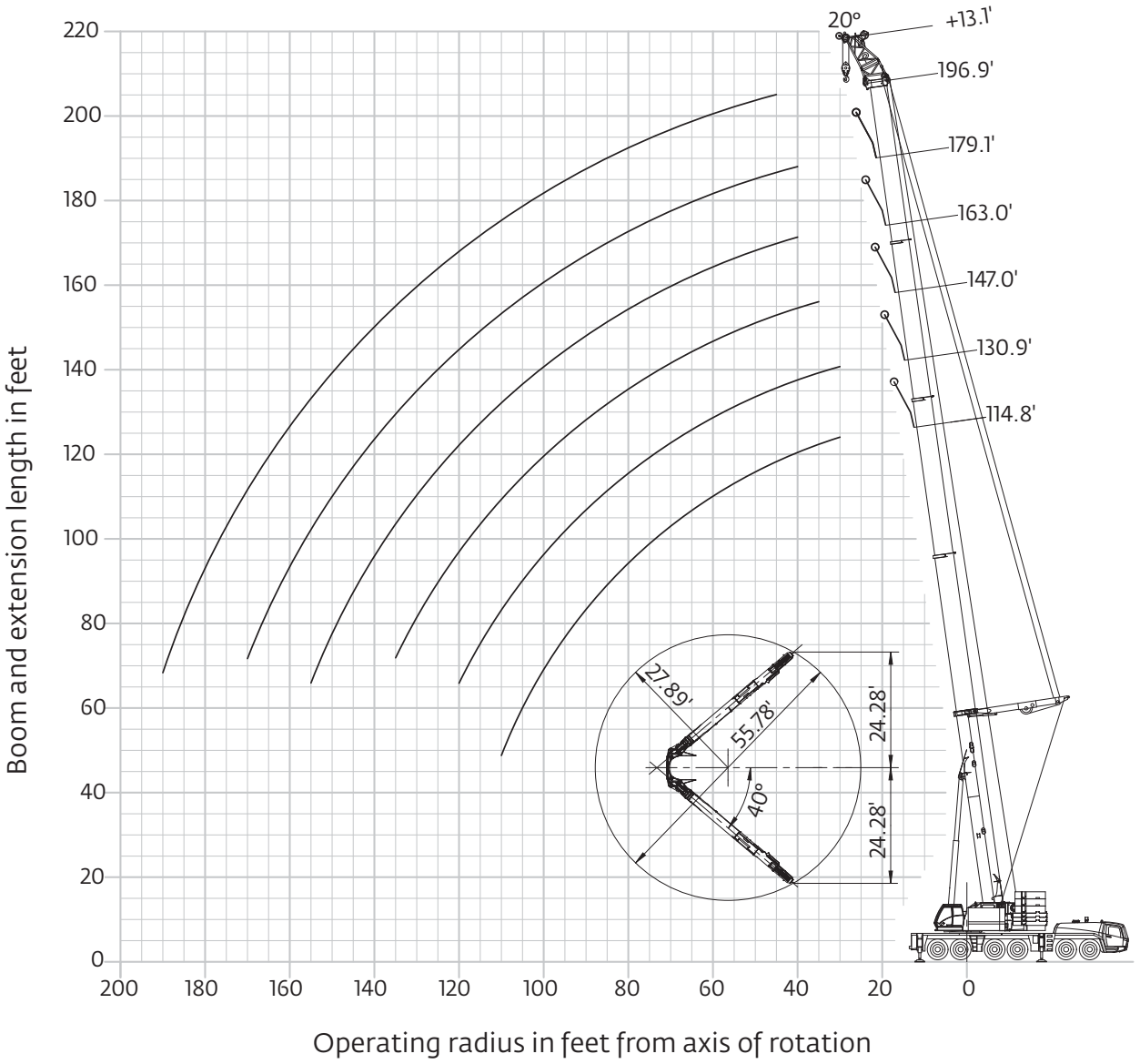
Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
40	83.00	84.00					**40**
45	81.00	82.00	80.00				**45**
50	80.00	80.00	79.00	75.00			**50**
55	78.00	79.00	78.00	74.00	67.00		**55**
60	77.00	77.00	77.00	73.00	65.00	56.00	**60**
65	76.00	76.00	73.00	69.00	63.00	56.00	**65**
70	75.00	73.00	68.00	64.00	60.00	55.00	**70**
75	74.00	69.00	64.00	60.00	57.00	53.00	**75**
80	73.00	65.00	60.00	57.00	54.00	50.00	**80**
85	72.00	61.00	56.00	53.00	51.00	47.00	**85**
90	72.00	57.00	53.00	50.00	48.00	45.00	**90**
95	70.00	53.00	50.00	47.00	45.00	42.40	**95**
100		50.00	47.00	44.00	42.80	40.00	**100**
105		47.00	44.00	41.80	40.40	37.80	**105**
110		44.00	41.60	39.40	38.20	35.80	**110**
115			39.20	37.40	36.20	34.00	**115**
120			37.00	35.40	34.20	32.20	**120**
125				33.40	32.40	30.40	**125**
130				31.60	30.80	28.80	**130**
135				30.00	29.20	27.00	**135**
140					27.40	25.20	**140**
145						24.00	**145**
150						22.80	**150**
155						21.40	**155**
160						20.20	**160**



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Working range
Heavy duty jib and MegaWingLift™

Main boom, 4,0 m (13.1 ft) heavy duty jib and MegaWingLift™



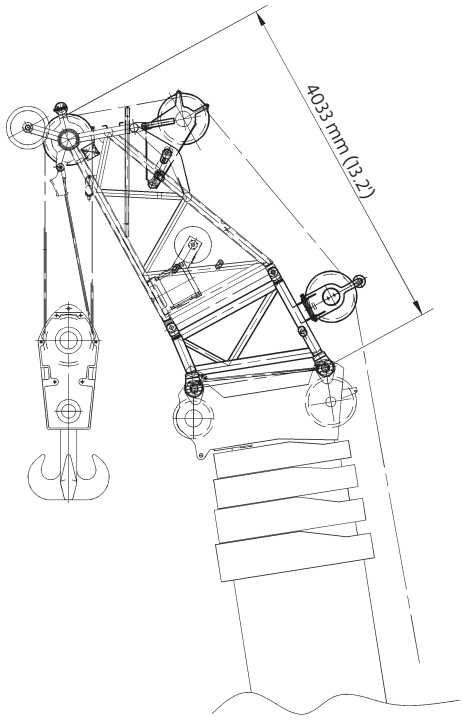
Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Heavy duty jib and MegaWingLift™

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	4,0 m (13.1 ft) 20°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.8 ft) (100%)	360°

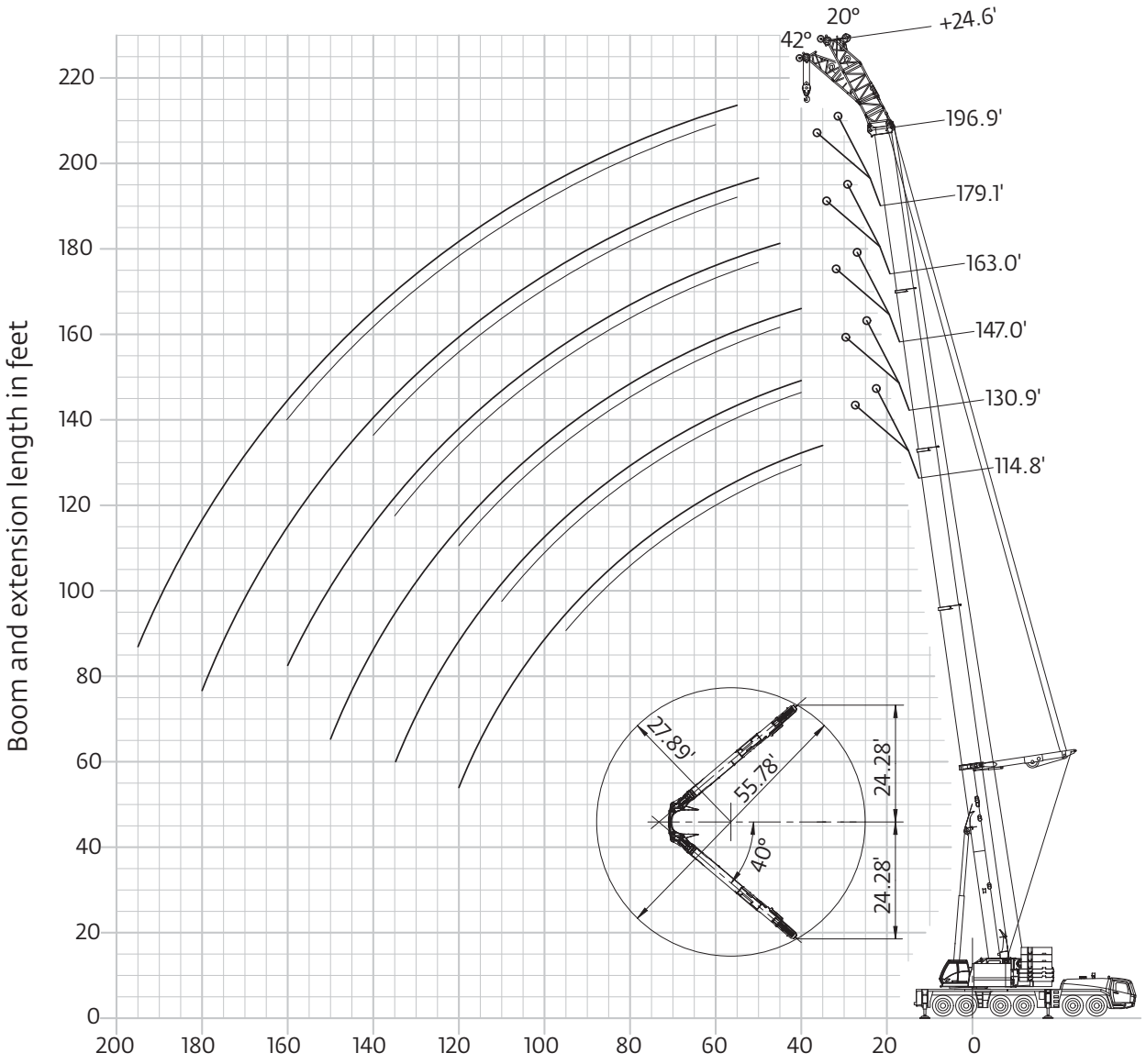
Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
30	165.00	165.00					**30**
35	165.00	165.00					**35**
40	165.00	165.00	165.00	157.00	150.00		**40**
45	160.00	152.00	161.00	143.00	141.00	128.00	**45**
50	148.00	140.00	147.00	132.00	130.00	121.00	**50**
55	134.00	131.00	135.00	122.00	120.00	114.00	**55**
60	121.00	120.00	126.00	114.00	111.00	108.00	**60**
65	110.00	109.00	117.00	107.00	104.00	101.00	**65**
70	100.00	99.00	110.00	100.00	98.00	95.00	**70**
75	91.00	90.00	100.00	92.00	93.00	89.00	**75**
80	83.00	82.00	91.00	84.00	85.00	85.00	**80**
85	76.00	75.00	83.00	77.00	78.00	78.00	**85**
90	70.00	69.00	75.00	70.00	72.00	72.00	**90**
95	64.00	63.00	69.00	65.00	66.00	67.00	**95**
100	59.00	58.00	64.00	60.00	61.00	62.00	**100**
105	52.00	54.00	59.00	55.00	56.00	57.00	**105**
110	45.00	49.00	54.00	51.00	52.00	53.00	**110**
115		45.00	50.00	47.00	49.00	49.00	**115**
120		38.80	46.00	43.80	45.00	46.00	**120**
125			42.80	40.80	42.20	42.60	**125**
130			39.60	37.80	39.20	39.60	**130**
135			35.40	35.20	36.60	37.00	**135**
140			30.20	32.80	34.20	34.60	**140**
145				28.60	31.80	32.20	**145**
150				24.20	29.80	30.20	**150**
155				23.00	27.20	28.20	**155**
160					23.80	26.20	**160**
165					20.00	24.40	**165**
170					18.60	22.00	**170**
175						19.20	**175**
180						16.00	**180**
185						13.80	**185**
190						11.60	**190**



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Working range
Heavy duty jib and MegaWingLift™

Main boom, 7,5 m (24.6 ft) heavy duty jib and Mega Wing Lift™



Hook heights shown in the working diagram do not consider loaded boom deflection.

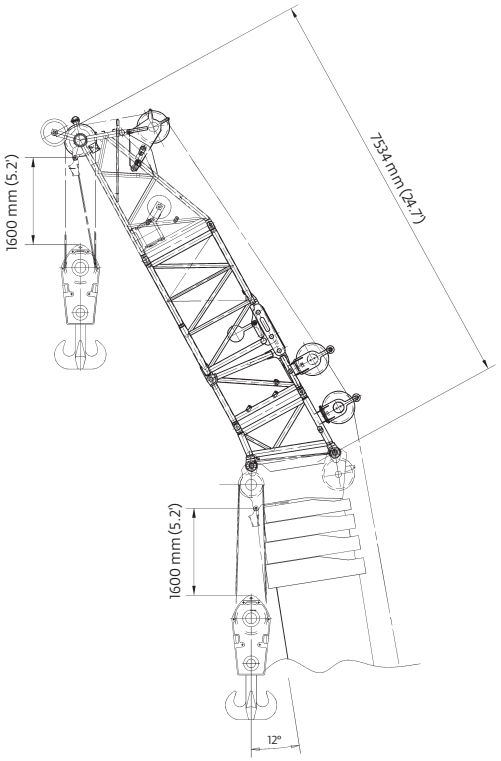
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Load chart

Heavy duty jib and MegaWingLift™

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	7,5 m (24.6 ft) 20°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.8 ft) (100%)	360°

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
35	97.00						35
40	94.00	95.00	97.00				40
45	91.00	93.00	94.00	95.00			45
50	89.00	90.00	92.00	93.00	93.00		50
55	86.00	88.00	90.00	91.00	91.00	91.00	55
60	84.00	86.00	88.00	89.00	90.00	89.00	60
65	82.00	84.00	86.00	87.00	88.00	87.00	65
70	80.00	82.00	84.00	86.00	86.00	84.00	70
75	78.00	81.00	83.00	84.00	84.00	81.00	75
80	77.00	79.00	81.00	82.00	82.00	78.00	80
85	76.00	77.00	77.00	78.00	79.00	74.00	85
90	71.00	70.00	70.00	71.00	73.00	71.00	90
95	66.00	64.00	65.00	66.00	67.00	67.00	95
100	60.00	59.00	60.00	56.00	62.00	62.00	100
105	56.00	55.00	55.00	52.00	57.00	57.00	105
110	52.00	51.00	51.00	48.00	53.00	53.00	110
115	46.00	47.00	47.00	44.00	49.00	49.00	115
120	41.00	43.20	43.60	41.20	46.00	46.00	120
125		39.80	40.20	38.20	42.40	42.60	125
130		34.20	37.40	35.60	39.60	39.60	130
135			34.60	33.00	36.80	36.80	135
140			31.00	30.60	34.20	34.40	140
145			26.40	28.40	32.00	32.00	145
150			24.00	24.80	29.80	29.80	150
155				20.80	27.60	27.80	155
160					25.80	26.00	160
165					23.40	24.20	165
170					20.20	22.40	170
175					16.80	20.80	175
180					16.00	18.40	180
185						15.80	185
190						13.00	190
195						11.20	195



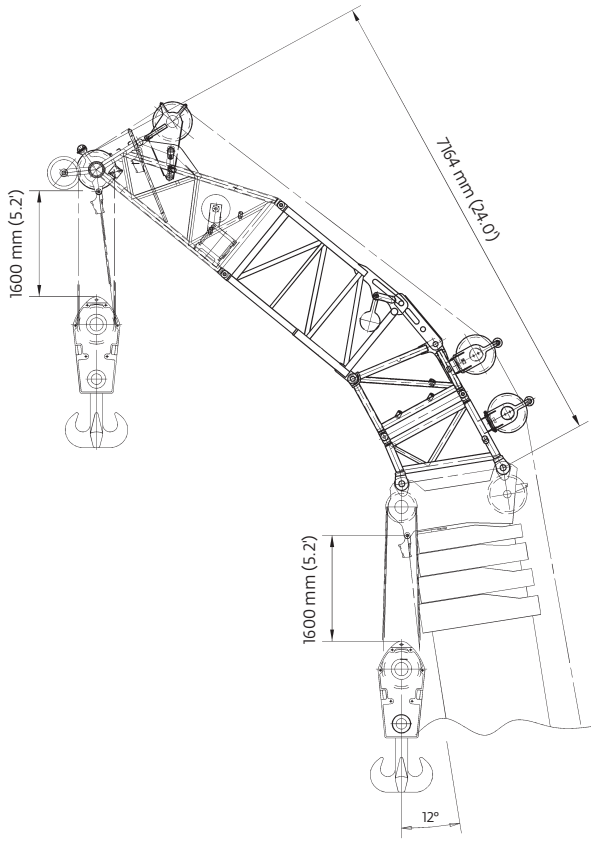
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Load chart

Heavy duty jib and MegaWingLift™

34,9 m - 60,0 m (114.8 ft - 196.9 ft)	7,5 m (24.6 ft) 42°	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.8 ft) (100%)	360°

Feet	114.8	130.9	147.0	163.0	179.1	196.9	Feet
40	77.00						40
45	76.00	78.00	77.00				45
50	75.00	77.00	77.00	77.00			50
55	74.00	76.00	76.00	76.00	76.00		55
60	73.00	75.00	75.00	75.00	75.00	76.00	60
65	73.00	74.00	74.00	74.00	75.00	75.00	65
70	72.00	73.00	73.00	74.00	74.00	74.00	70
75	72.00	73.00	73.00	73.00	74.00	74.00	75
80	72.00	72.00	72.00	73.00	73.00	72.00	80
85	72.00	72.00	72.00	72.00	73.00	70.00	85
90	72.00	71.00	66.00	72.00	72.00	68.00	90
95	66.00	66.00	61.00	67.00	68.00	66.00	95
100		60.00	56.00	62.00	63.00	63.00	100
105		56.00	52.00	57.00	58.00	58.00	105
110		51.00	48.00	53.00	54.00	54.00	110
115			44.00	49.00	50.00	50.00	115
120				45.00	47.00	47.00	120
125				42.00	43.20	43.40	125
130				39.00	40.20	40.40	130
135				36.00	37.40	37.80	135
140					34.80	35.20	140
145						32.80	145
150						30.40	150
155						28.40	155
160						26.40	160



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Symbols glossary


Axles


Counterweight


Grade


Radius


Boom


Drive


Hoist


Rotation


Boom elevation


Electrical system


Hookblock


Speed


Boom extension


Engine


Hydraulic system


Steering


Boom length


Extension


Lights


Suspension


Boom nose


Frame


Oil


Swing


Brakes


Fuel tank capacity


Outrigger controls


Tires


Cab


Gear


Outriggers


Transmission

Notes

Notes

Notes

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Poland
Warsaw
Portugal
Baltar
Russia
Moscow
South Africa
Johannesburg
U.A.E.
Dubai
U.K.
Buckingham

China
Beijing
Chengdu
Guangzhou
Xian

Greater Asia-Pacific
Australia
Brisbane
Melbourne
Sydney
India
Chennai
Delhi
Hyderabad
Pune
Korea
Seoul
Philippines
Makati City
Singapore

Factories

Brazil
Passo Fundo
China
TaiAn
Zhangjiagang
France
Charlieu
Moulins
Germany
Wilhelmshaven
India
Pune
Italy
Niella Tanaro
Portugal
Baltar
Fânzeres
Slovakia
Saris
USA
Manitowoc
Port Washington
Shady Grove

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