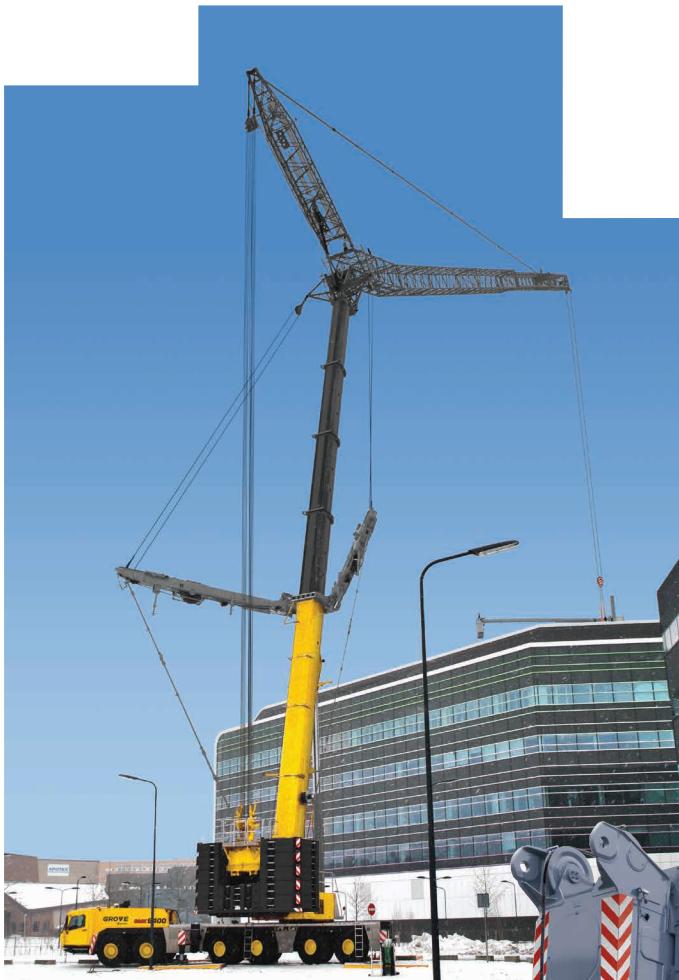


# Grove GMK6400

## North American Product Guide

ASME B30.5  
Imperial 85%

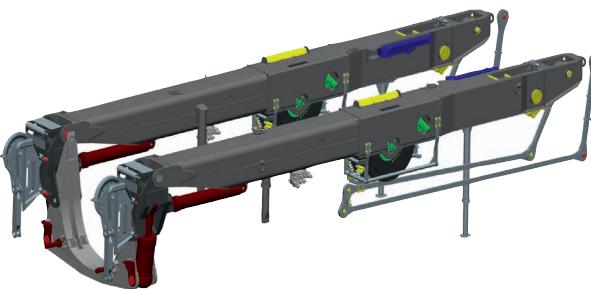


### Features

- 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
- Self-rigging removable rear outrigger box



# Features



## MegaWingLift™

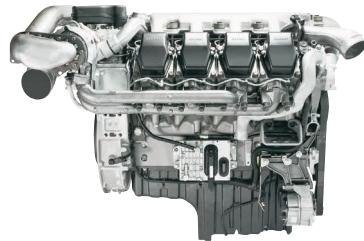
The new, patented self-rigging MegaWingLift™ reduces transportation and erection costs to a minimum. Both the MegaWingLift™ and the auxiliary hoist can be installed without an auxiliary crane.

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



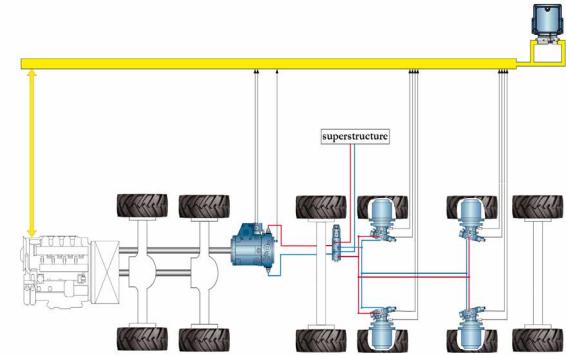
## Carrier cab

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.



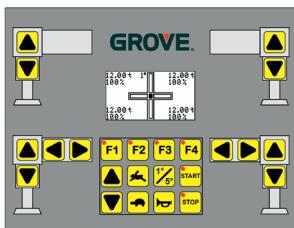
## MegaDrive™

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



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](http://www.cranestar.com) for more information.



## 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 and engine independent diesel cab heater, with engine pre-heater and includes a 24-hour timer.



### 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 separate 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.

# Specifications

## Superstructure continued

### \*Optional hookblocks

Lifting capacity	Sheaves	Weight	Possible load with the crane*
250 t (275 USt)	9	3000 kg (6614 lb)	202 t (223 USt)
200 t (220 USt)	7	2400 kg (5291 lb)	157 t (173 USt)
160 t (176 USt)	5	1800 kg (3669 lb)	123 t (136 USt)
100 t (110 USt)	3	1300 kg (2866 lb)	79 t (87 USt)
40 t (44 USt)	1	850 kg (1874 lb)	34 t (38 USt)
16 t (18 USt)	H/B	450 kg (992 lb)	11,2 t (12.3 USt)

\* varies depending on national regulations

### \*Optional equipment

- Work lights, mounted on boom base section
- Boom mounted aircraft warning light
- Hook blocks/headache ball
- 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

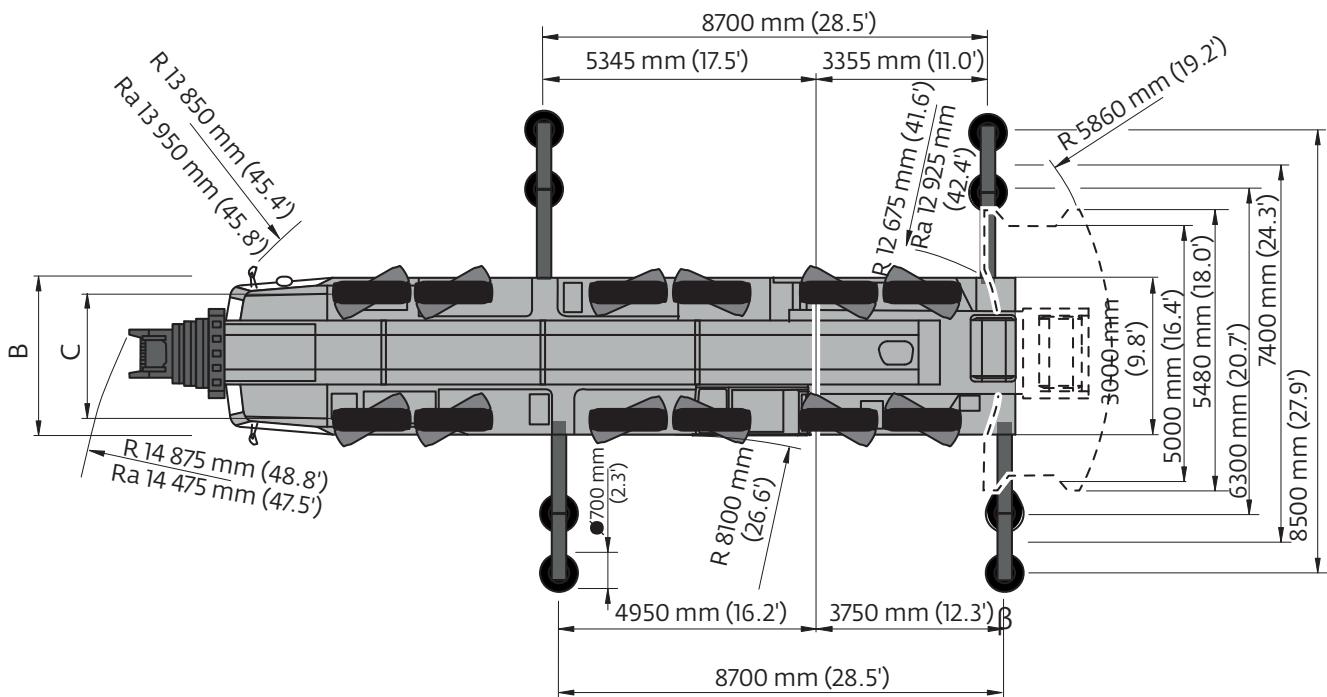
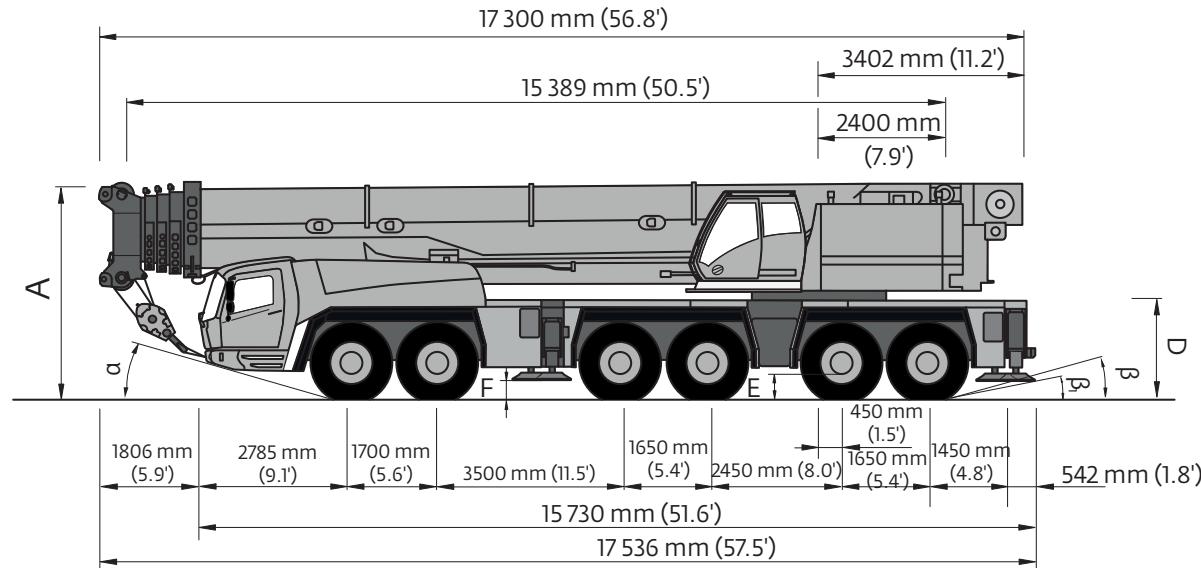
### Miscellaneous standard equipment

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

# Dimensions

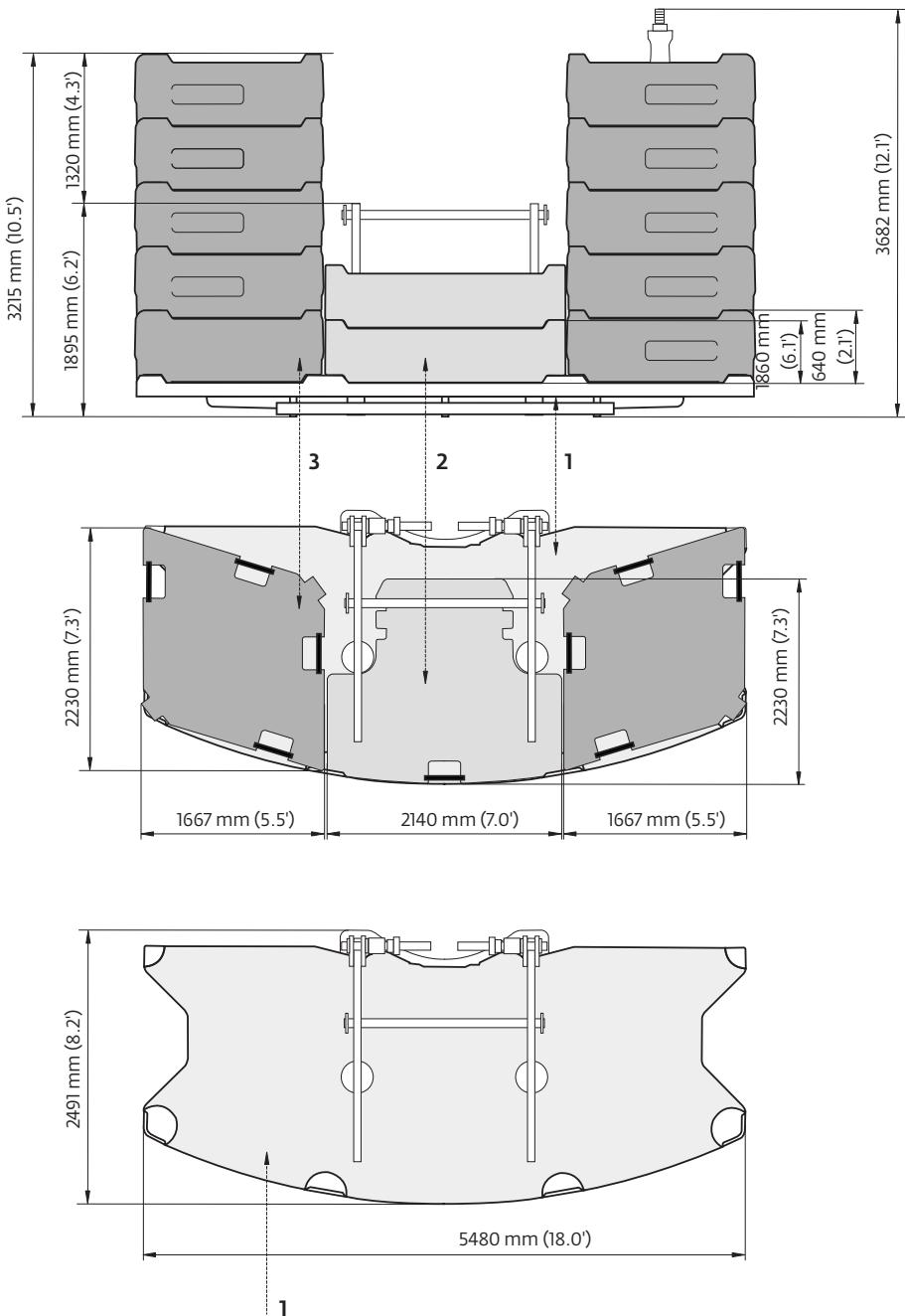


Tires	A	<sup>*30 mm (0.4")</sup> A	B	C	D	E	F	α	β	β <sub>1</sub>
14.00 R25	3956 mm (13.0')	3826 mm (12.6')	2970 mm (9.7')	2570 mm (8.4')	1815 mm (6.0')	400 mm (1.3')	209 mm (0.7')	14°	11°	8°
16.00 R25	4000 mm (13.1')	3870 mm (12.7')	2975 mm (9.8')	2510 mm (8.2')	1865 mm (6.1')	450 mm (1.5')	260 mm (0.9')	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

# Dimensions



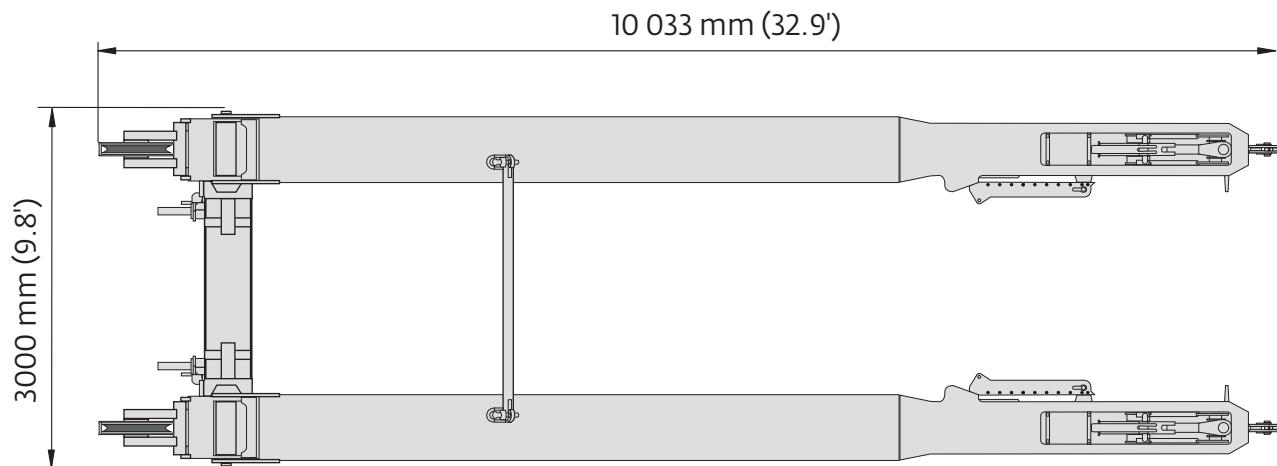
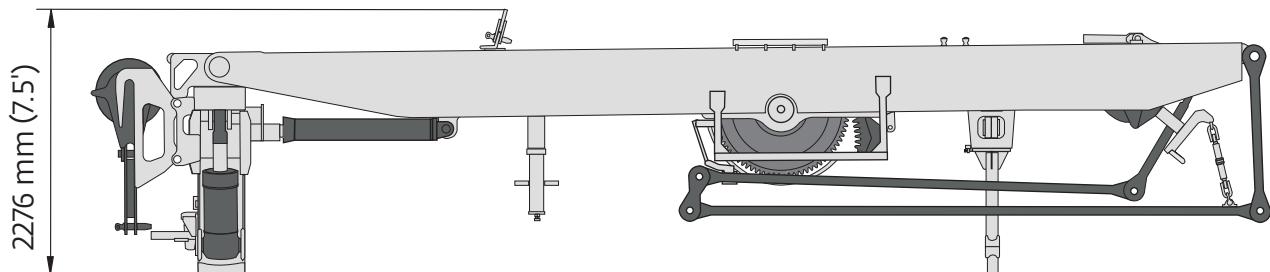
	(1)	(2)	(3)
15,0 t (33,000 lb)	X		
35,0 t (77,000 lb)	X		2X
55,0 t (121,000 lb)	X	2X	2X
75,0 t (165,500 lb)	X	2X	4X
95,0 t (209,500 lb)	X	2X	6X
115,0 t (253,500 lb)	X	2X	8X
135,0 t (297,600 lb)	X	2X	10X

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

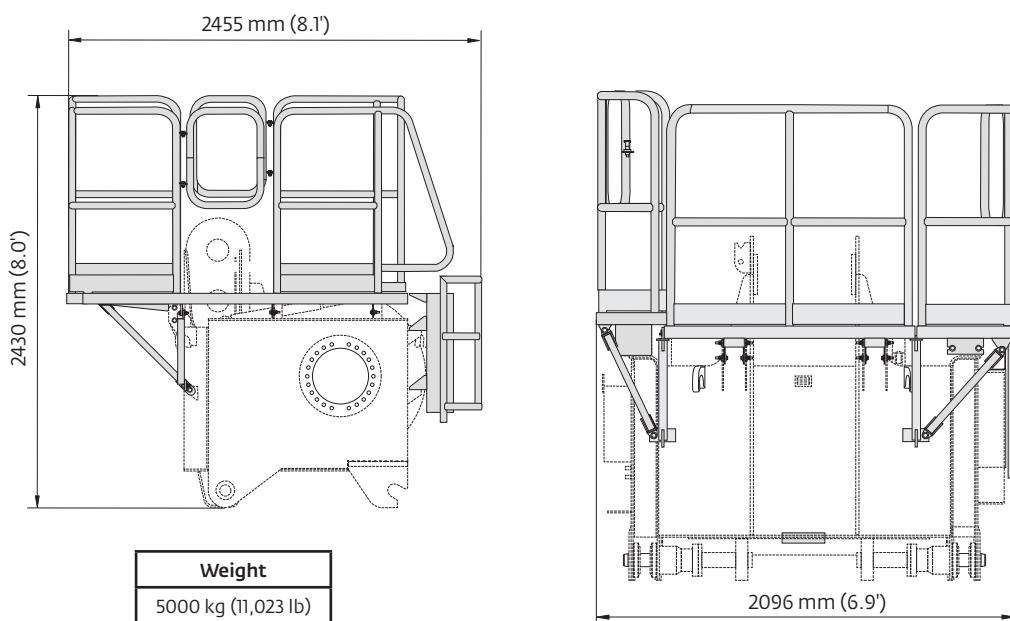
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# Dimensions

MegaWingLift™



Auxiliary hoist



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

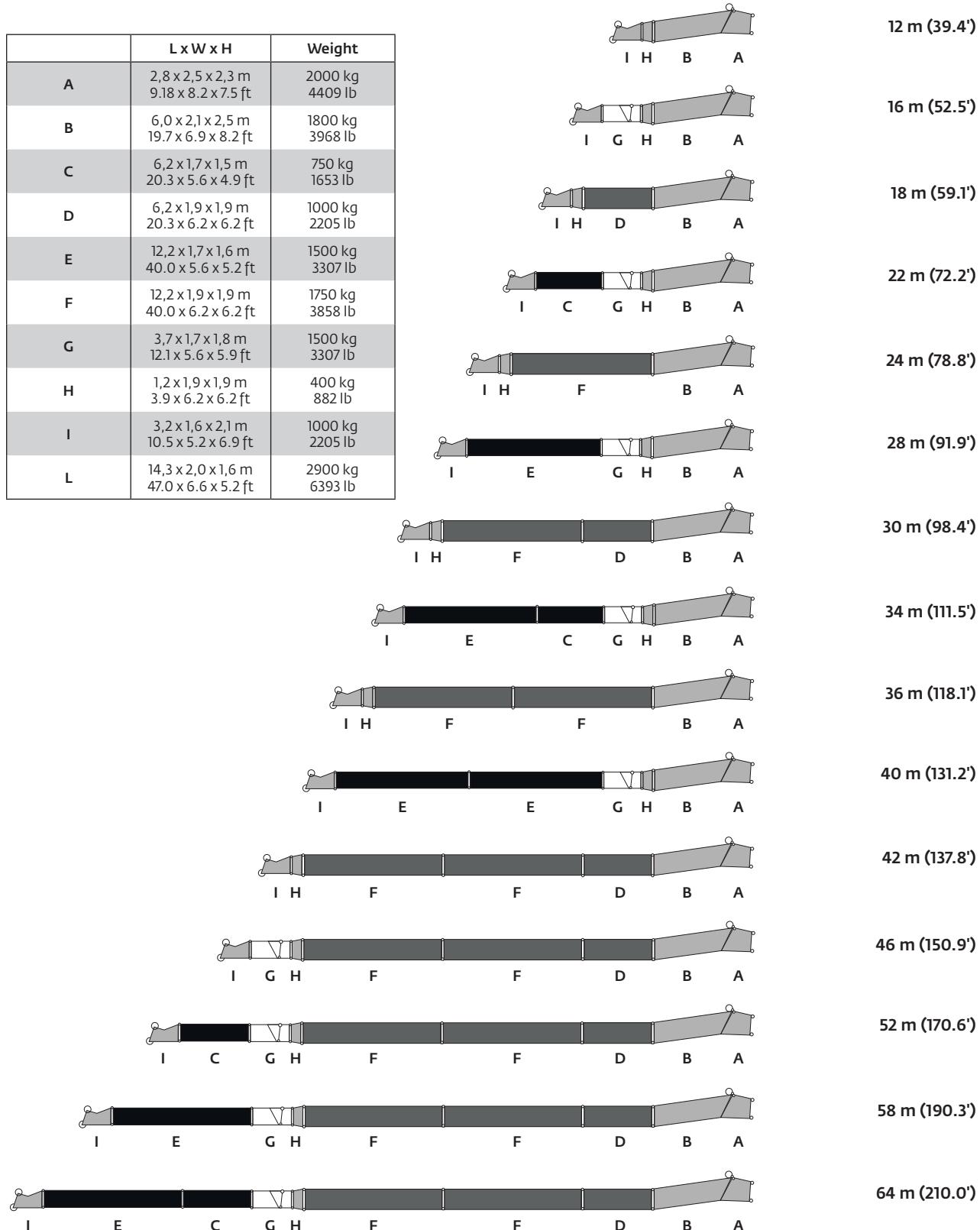
Grove GMK6400    *The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.*

# 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



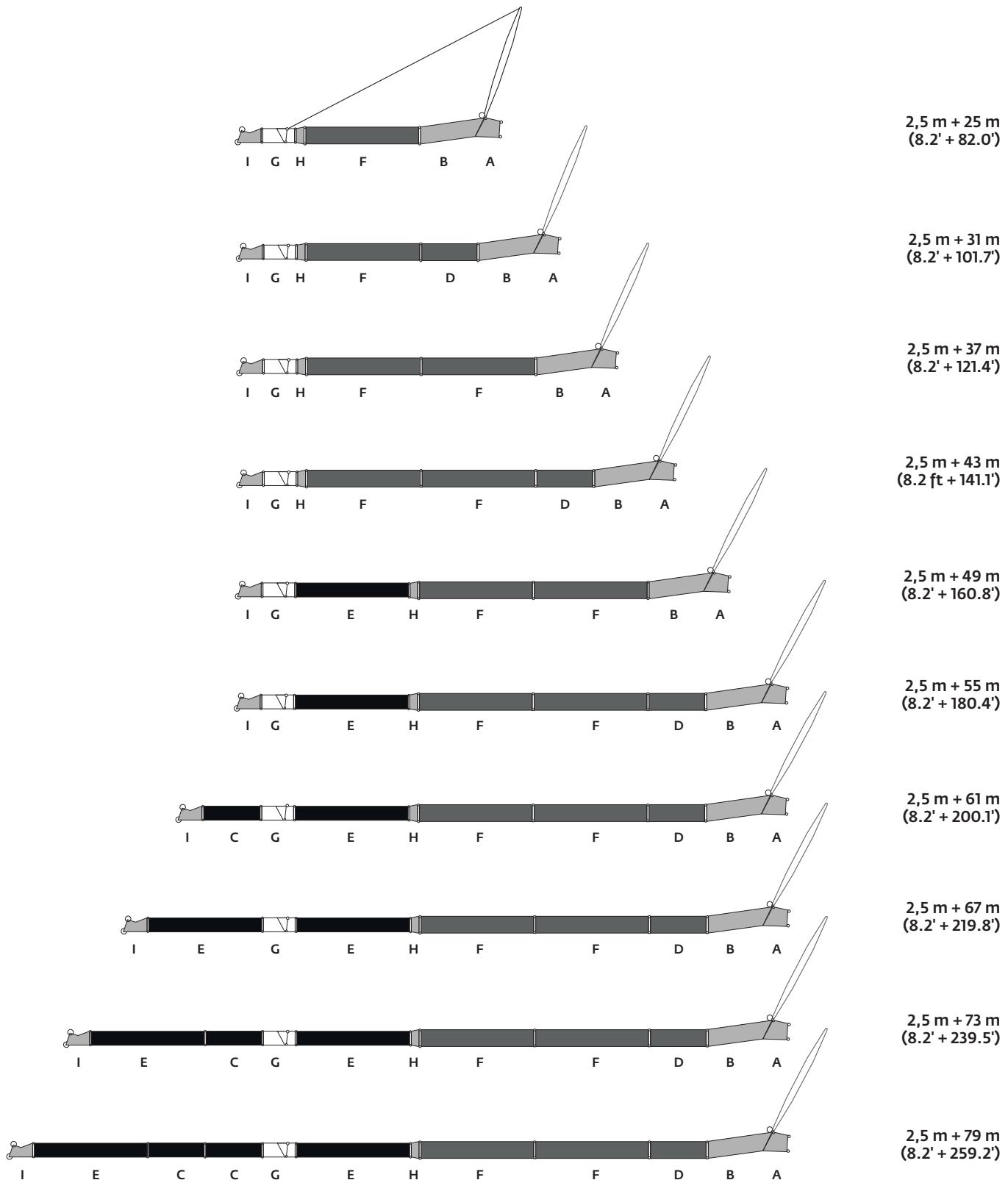
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# Dimensions

## Luffing jib

### Luffing jib dimensions

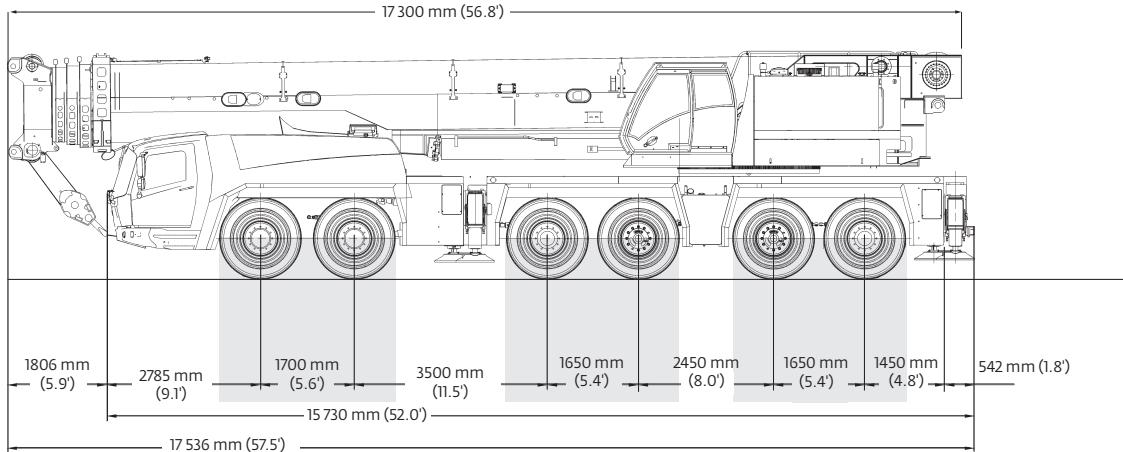


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# Transport proposals

## Boom over front



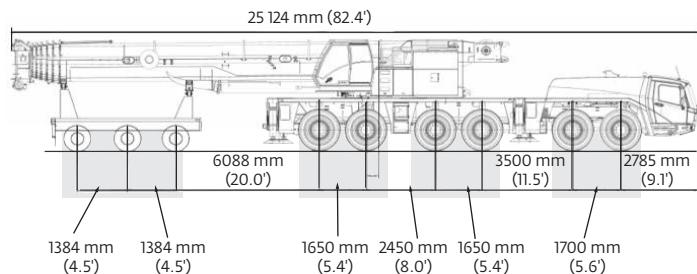
	Axes 1-2	Axes 3-6	Total GVW
Boom over front, rear outrigger box removed	26 488 kg (58,396 lb)	42 434 kg (93,550 lb)	68 922 kg (151,946 lb)
Boom over front, rear outrigger box installed	23 436 kg (51,668 lb)	50 585 kg (111,522 lb)	74 022 kg (163,190 lb)
Boom removed, rear outrigger box installed	7334 kg (16,169 lb)	40 690 kg (89,706 lb)	48 024 kg (105,875 lb)

### Unit equipped with:

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

Allow 3% variation in weight due to manufacturing tolerances

## Trailing boom with dolly



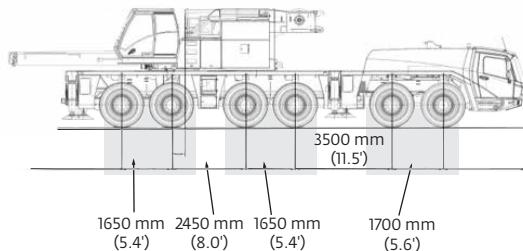
	Axes 1-2	Axes 3-6	Dolly	Total GVW
Boom in dolly over rear, rear outrigger box removed	14 145 kg (31,185 lb)	36 652 kg (80,803 lb)	22 013 kg (48,530 lb)	72 811 kg (160,517 lb)
Boom in dolly over rear, rear outrigger box installed	11 092 kg (24,454 lb)	44 805 kg (98,777 lb)	22 013 kg (48,530 lb)	77 911 kg (171,761 lb)

### Unit equipped with:

- 20.5 tires on aluminum rims
- Operator, 75 kg (165 lb)
- Welded on MegaWingLift™ hardware
- 3-axle dolly ( 5500 kg [11,023 lb] )

Allow 3% variation in weight due to manufacturing tolerances

## Boom removed, superstructure over rear



	Axes 1-2	Axes 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

## Weight information

Removable rear outrigger box	5100 kg (11,244 lb)
Main boom	26 000 kg (57,320 lb)

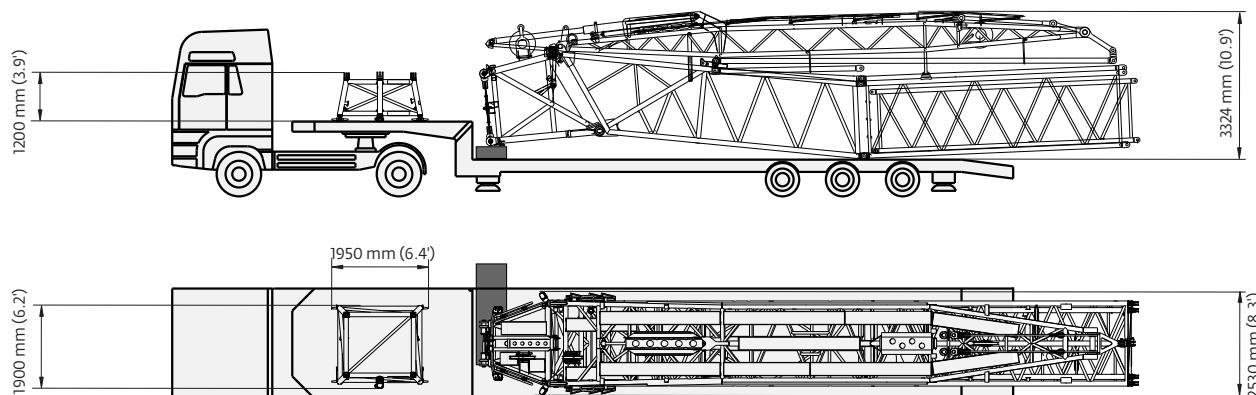
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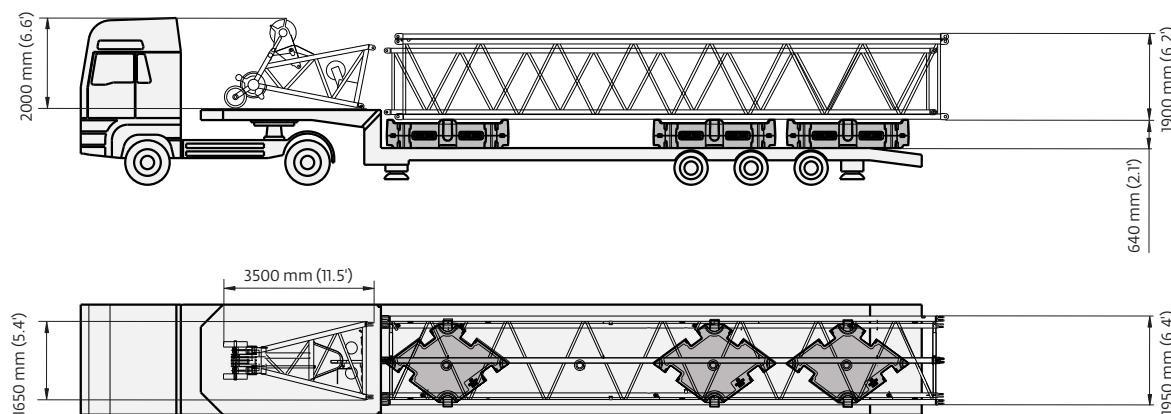
# Transport proposals

## Transport proposal

**A+B+C+D+H+L**



**F+E+I**



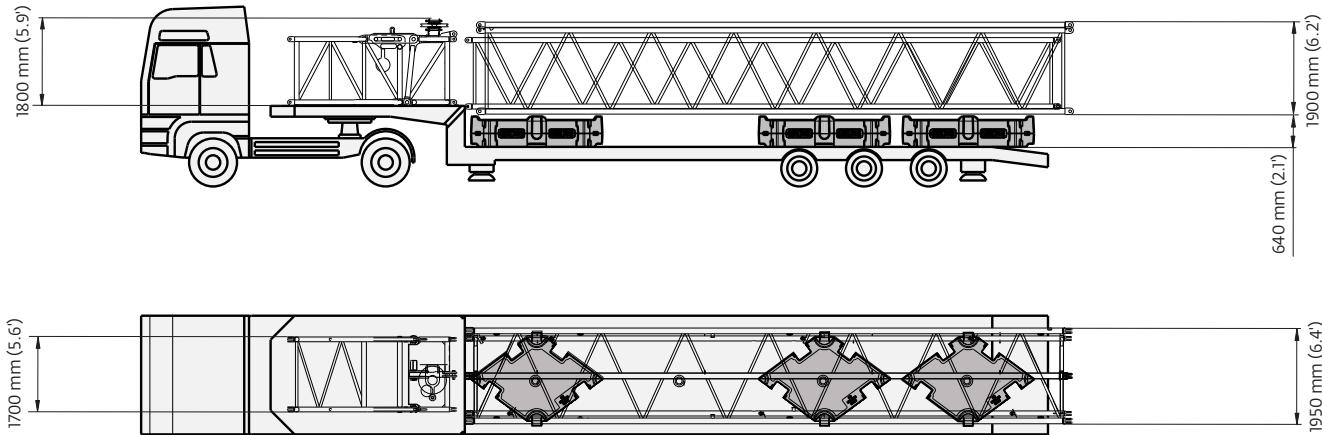
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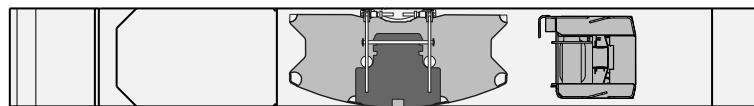
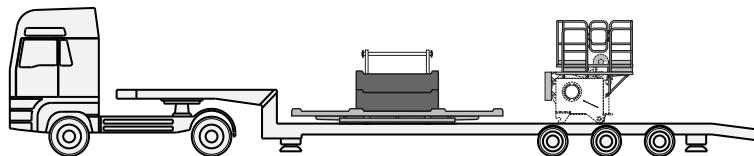
# Transport proposals

## Transport proposal

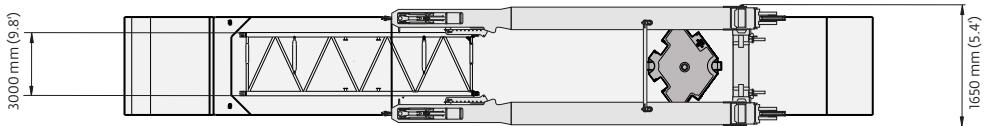
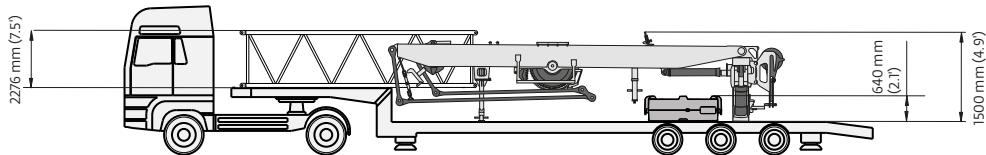
F+E+G



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



MegaWingLift™ + C



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# Load chart

## Overview

### Overview



50.5 ft - 196.9 ft



360°

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 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 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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# Load chart

## Overview

### Overview



3° (25°)



360°

ft	28.5 x 27.8 ft												77.0 k lb		
	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	.	.	.	.	.	.	.	.

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Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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															
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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# Load chart

## Overview

### 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	•	•	•	•	•	•	•

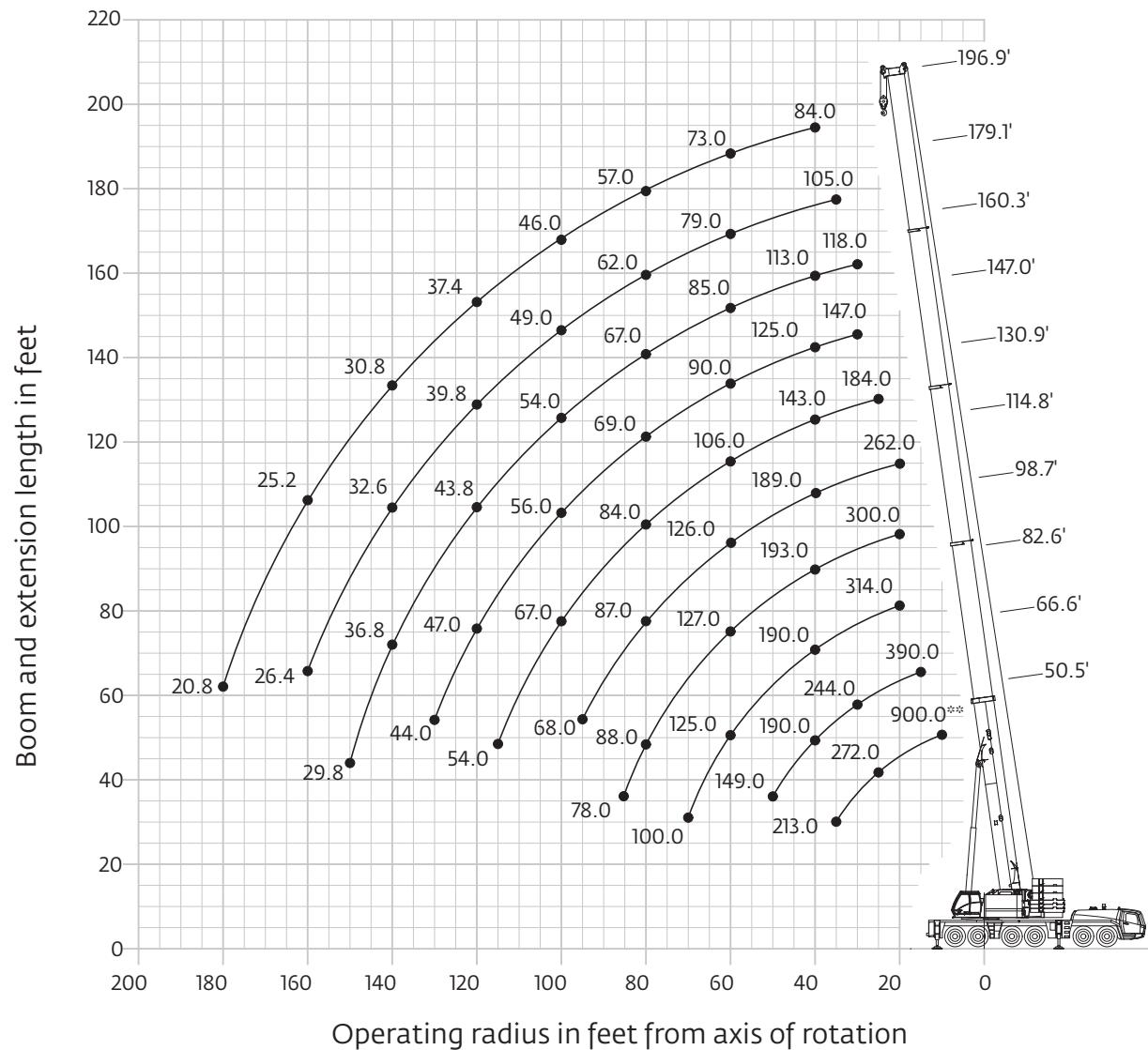
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# Working range

## Main boom

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



	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)

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)

  
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	

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)

  
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									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	42.20	41.20		110					
115											44.00	40.60	42.00	41.60	42.40	40.20		115					
120												39.00	40.00	38.60	39.20	37.80		120					
125													37.20	35.80	36.40	35.00	34.40		125				
130														34.80	33.20	33.80	32.40		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	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	8.00		180

# 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	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	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		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	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	14.60	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	9.80	8.00	8.40	7.40	5.80	5.40			90
95							7.40	8.20	8.20	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

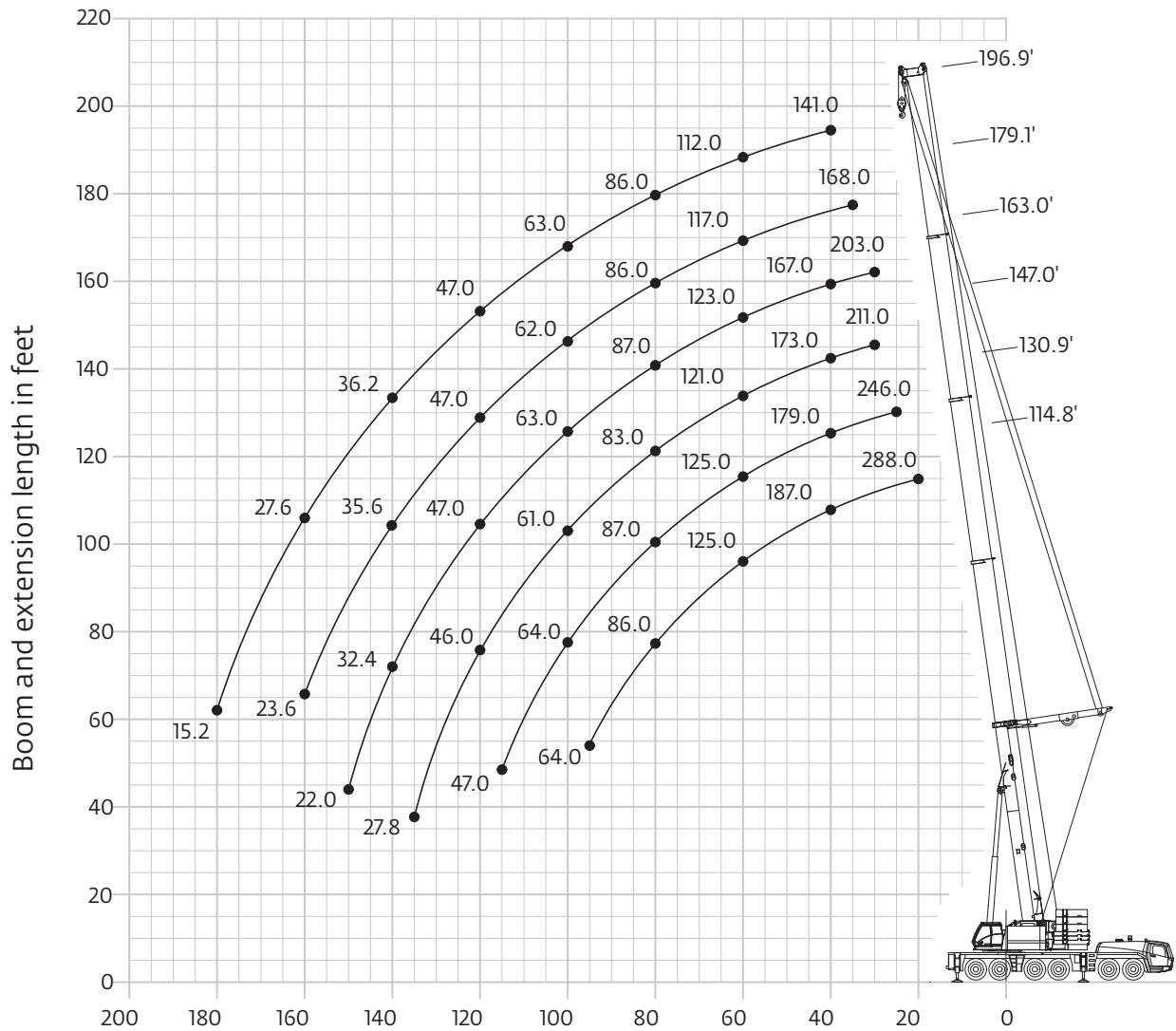
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# Working range

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.*

# 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	55.00	56.00	100
105	53.00	53.00	52.00	51.00	52.00	52.00	105
110	49.00	49.00	49.00	48.00	48.00	48.00	110
115	46.00	45.00	45.00	45.00	44.00	45.00	115
120		42.40	42.00	41.00	41.60	41.60	120
125		39.60	39.00	38.20	38.80	38.80	125
130		37.00	36.40	35.60	36.20	36.20	130
135			34.00	33.20	33.60	33.60	135
140			31.80	30.80	31.40	31.40	140
145			29.80	28.60	29.40	29.40	145
150			22.00	26.40	27.00	27.00	150
155				24.20	25.00	25.00	155
160				22.20	23.00	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	48.00	100
105	46.00	46.00	45.00	43.80	43.80	43.80	105
110	41.80	41.60	41.60	41.00	39.80	40.40	110
115	38.20	38.00	37.40	36.20	37.00	37.00	115
120	34.60	34.20	34.20	33.00	33.80	33.80	120
125	31.60	31.20	31.20	30.00	30.80	30.80	125
130	29.00	28.40	28.40	27.20	28.00	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	36.20	100
105	33.80	33.60	33.00	31.80	32.80	32.80	105
110	30.40	30.20	29.60	28.40	29.40	29.40	110
115	27.40	27.20	26.60	25.40	26.20	26.20	115
120	24.40	23.80	23.80	22.60	23.40	23.40	120
125		21.80	21.20	20.00	20.80	20.80	125
130		19.60	19.00	17.80	18.60	18.60	130
135			16.80	15.60	16.40	16.40	135
140			14.80	13.60	14.40	14.40	140
145			13.00	11.80	12.60	12.60	145
150			11.40	10.20	10.80	10.80	150
155				8.60	9.20	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	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	100
105	16.20	16.00	15.60	14.40	15.20	105	105
110	13.80	13.60	13.00	11.80	12.80	110	110
115	11.60	11.20	10.80	9.60	10.80	115	115
120		9.20	8.60	7.60	8.40	120	120
125		7.40	6.80	5.60	6.40	125	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.

Grove GMK6400 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							120

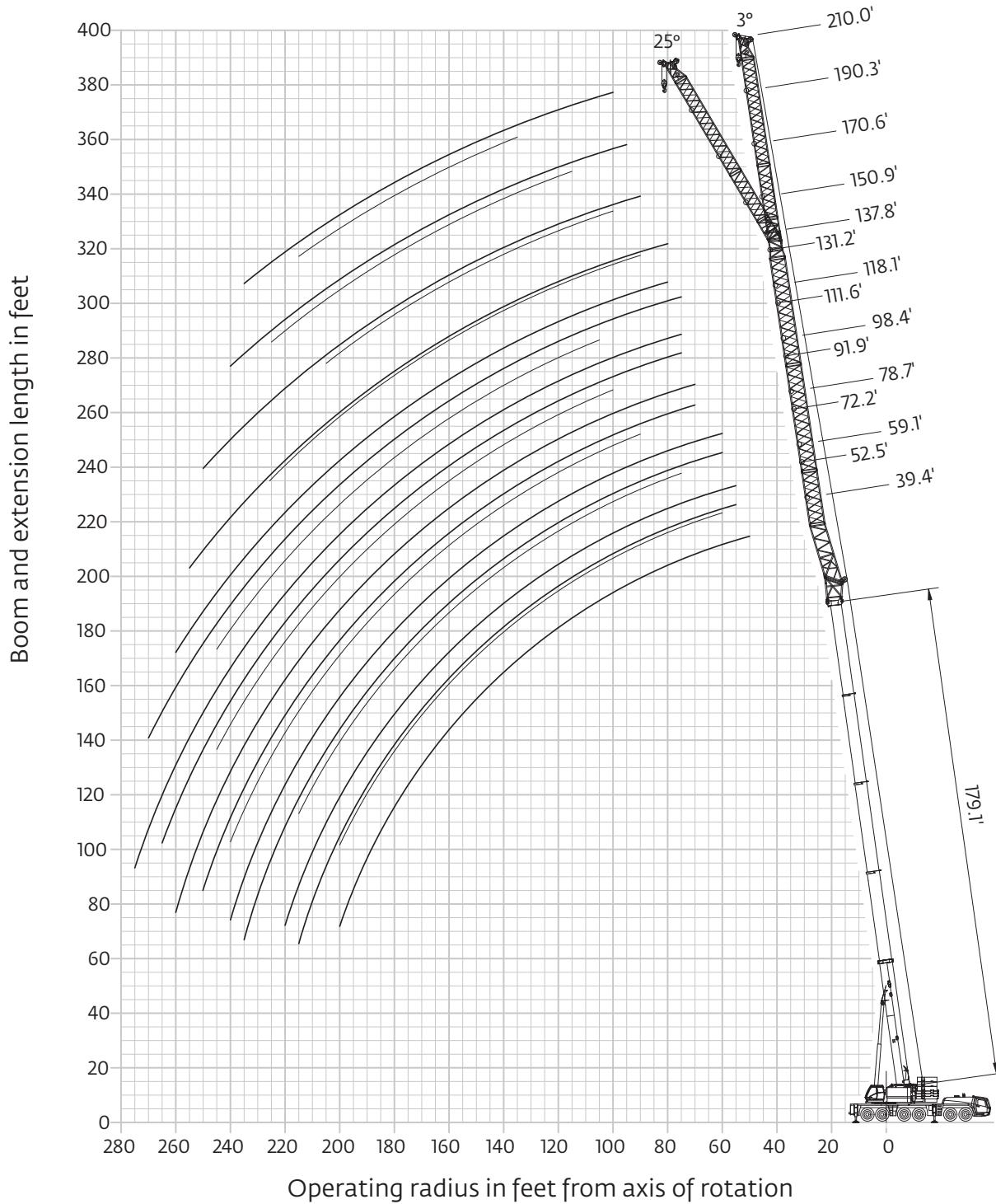
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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.*

# 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

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# Load chart

## Lattice extension

	<b>49,69 m (163 ft)</b>		<b>16 m - 64 m (52.5 ft - 210.0 ft)</b>		<b>135 000 kg (297,600 lb)</b>		<b>8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)</b>		<b>360°</b>	
<b>Pounds x 1000</b>										
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	230
235					4.80	6.20		3.60	3.80	235
240					4.40	5.60				240
245						5.20				245

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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	10.20	8.20	6.80	6.00	5.20	205
210	9.20	9.40	9.60	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	4.20	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					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

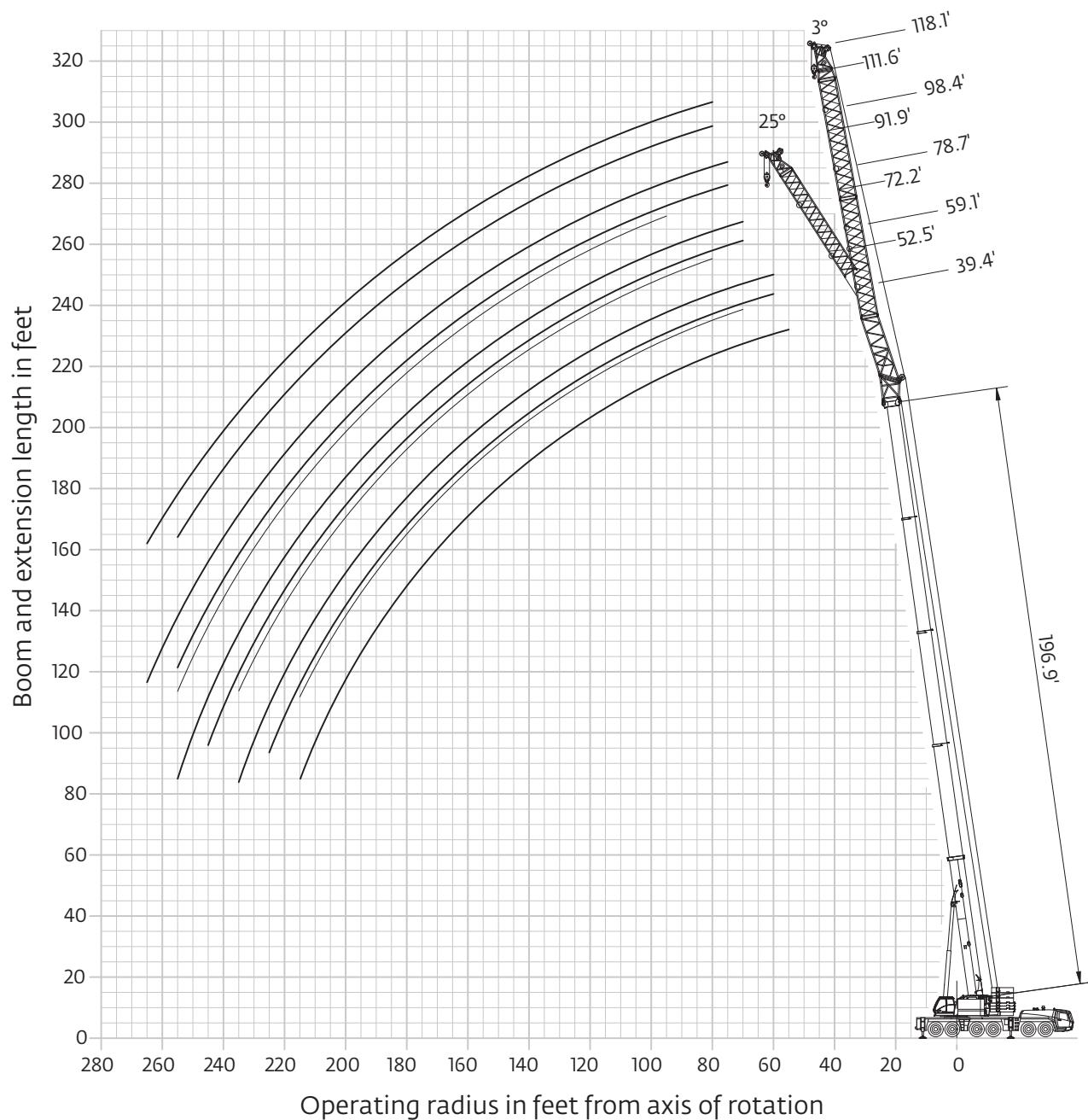
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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# Working range

## Lattice extension

Main boom and lattice extension



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

# 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

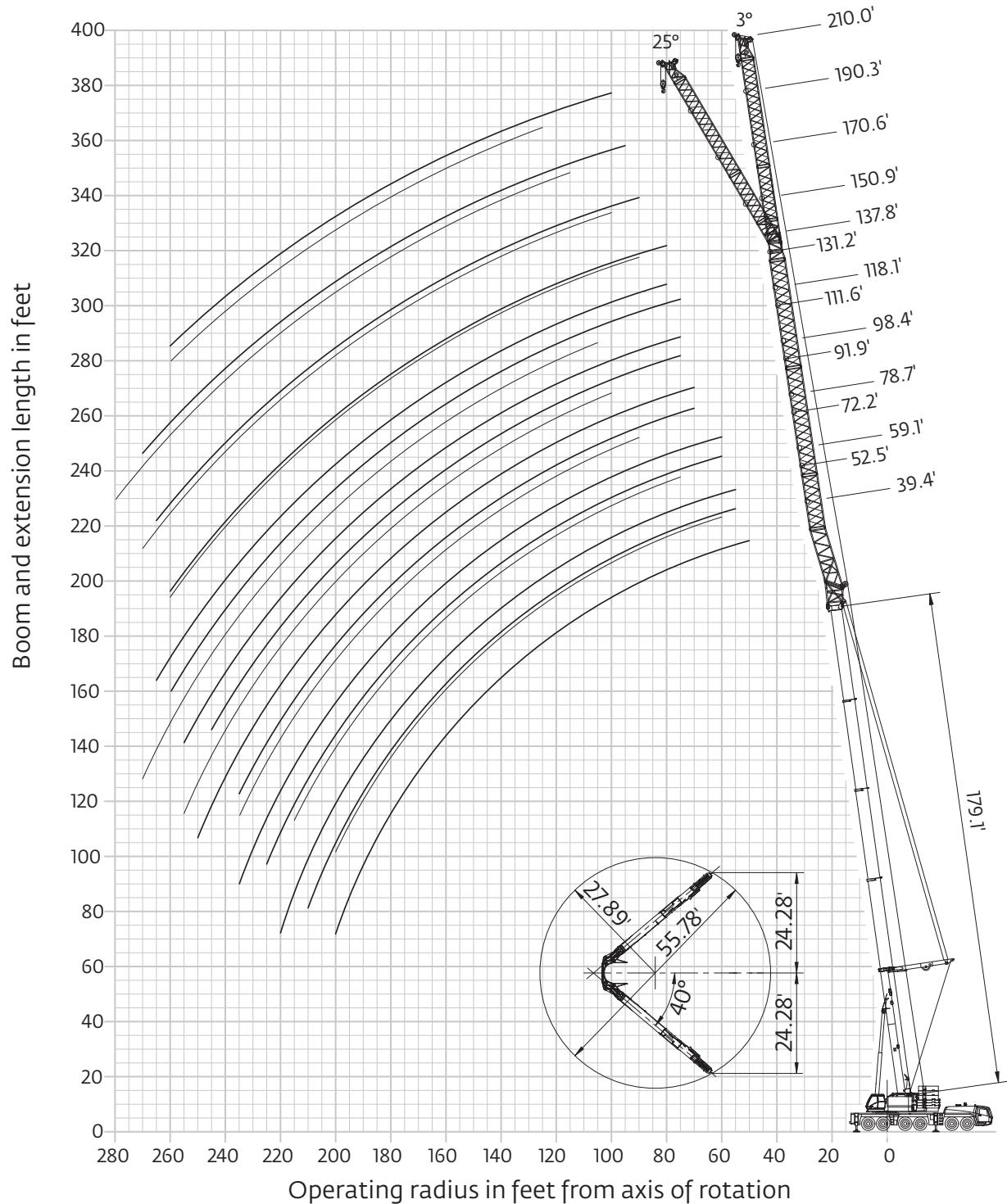
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

Grove GMK6400 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 and MegaWingLift™

Main boom, lattice extension and MegaWingLift™



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

# Load chart

## Lattice extension and MegaWingLift™

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	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	

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

Grove GMK6400 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)	16 m - 64 m (52.5 ft - 210.0 ft)	135 000 kg (297,600 lb)	80°	25°	(28.5 ft x 27.9 ft) (100%)	8,7 m x 8,5 m (28.5 ft x 27.9 ft)	360°	
	Pounds x 1000								
Feet	52.5	72.2	91.9	111.6	131.2	150.9	170.6	190.3	210.0
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	120
125	41.20	38.20	25.80	19.60	15.40	17.60	14.60	12.40	125
130	38.20	37.80	25.40	19.20	15.20	17.00	14.00	11.80	130
135	35.40	37.20	25.00	18.80	14.80	16.40	13.60	11.40	135
140	32.80	36.20	24.60	18.60	14.60	15.80	13.20	11.00	140
145	30.40	33.80	24.40	18.20	14.20	15.40	12.80	10.60	145
150	28.20	31.40	24.00	18.00	14.00	14.80	12.40	10.20	150
155	26.20	29.20	23.60	17.60	13.60	14.40	11.80	10.00	155
160	24.20	27.20	23.40	17.40	13.40	14.00	11.40	9.60	160
165	22.20	25.40	23.00	17.00	13.20	13.60	11.00	9.40	165
170	20.40	23.60	22.80	16.80	13.00	13.20	10.80	9.00	170
175	17.80	21.80	22.60	16.60	12.80	12.80	10.40	8.60	175
180	15.20	20.00	22.40	16.40	12.60	12.40	10.20	8.40	180
185	12.20	18.40	21.00	16.20	12.40	12.00	9.80	8.00	185
190	9.00	16.60	19.40	16.00	12.20	11.60	9.40	7.80	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	200
205			14.80	15.40	11.60	10.40	8.60	7.00	205
210			13.40	15.20	11.40	10.00	8.20	6.80	210
215			11.60	14.60	11.40	9.60	8.00	6.60	215
220				9.40	13.20	11.20	9.40	7.60	220
225					12.00	11.00	9.00	7.40	225
230					10.60	11.00	8.80	7.20	230
235					9.00	10.80	8.40	6.80	235
240					7.00	10.40	8.20	6.60	240
245					9.20	7.20	6.20	5.20	245
250					8.20	6.20	6.00	5.00	250
255					6.60	5.40	5.80	4.80	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

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

## 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	5.20	205
210	5.00	9.20	12.40	13.40	14.20	10.60	8.80	7.00	6.00	5.00	210
215	7.20	11.20	12.20	13.20	10.20	8.40	6.80	5.60	4.60	3.50	215
220	5.00	9.80	11.00	12.00	10.00	8.20	6.40	5.40	4.20	3.20	220
225	4.00	8.00	10.00	11.00	9.60	7.80	6.20	5.20	4.20	3.20	225
230	6.40	9.00	10.00	9.20	7.60	6.00	5.00	4.00	3.00	2.00	230
235	4.40	7.80	9.00	8.80	7.40	5.80	4.60	3.50	2.50	1.50	235
240		6.40	8.00	7.80	7.00	5.60	4.40	3.20	2.20	1.20	240
245		5.00	7.00	6.80	6.20	5.40	4.20	3.00	2.00	1.00	245
250			6.20	6.00	6.40	5.20	4.00	3.00	2.00	1.00	250
255				5.00	5.00	5.60	5.00	3.80	2.80	1.80	255
260					3.80	4.20	4.80	4.80	3.60	2.60	260
265						4.00	4.60			2.65	265
270							3.80			2.70	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	5.80	205
210	11.00	14.00	15.40	11.60	10.40	8.60	7.00	5.60	5.60	210
215	9.00	12.80	15.00	11.40	10.20	8.20	6.80	5.40	5.40	215
220		11.40	13.60	11.40	9.80	8.00	6.60	5.20	5.20	220
225		10.20	12.40	11.20	9.60	7.80	6.40	5.00	5.00	225
230		8.40	11.20	11.00	9.20	7.40	6.00	4.80	4.80	230
235		6.60	10.00	11.00	8.80	7.20	5.80	4.60	4.60	235
240		4.40	9.00	10.80	8.20	7.00	5.60	4.40	4.40	240
245			7.80	9.80	7.20	6.60	5.40	4.20	4.20	245
250			6.20	8.60	6.40	6.40	5.20	4.00	4.00	250
255			4.40	7.60	5.40	6.20	5.00	3.80	3.80	255
260				6.60	4.60	5.80	4.80	3.60	3.60	260
265				5.60	3.80	4.80	4.60			265
270				4.20		4.00	4.40		4.20	270
275								4.20		275
280							3.60			280

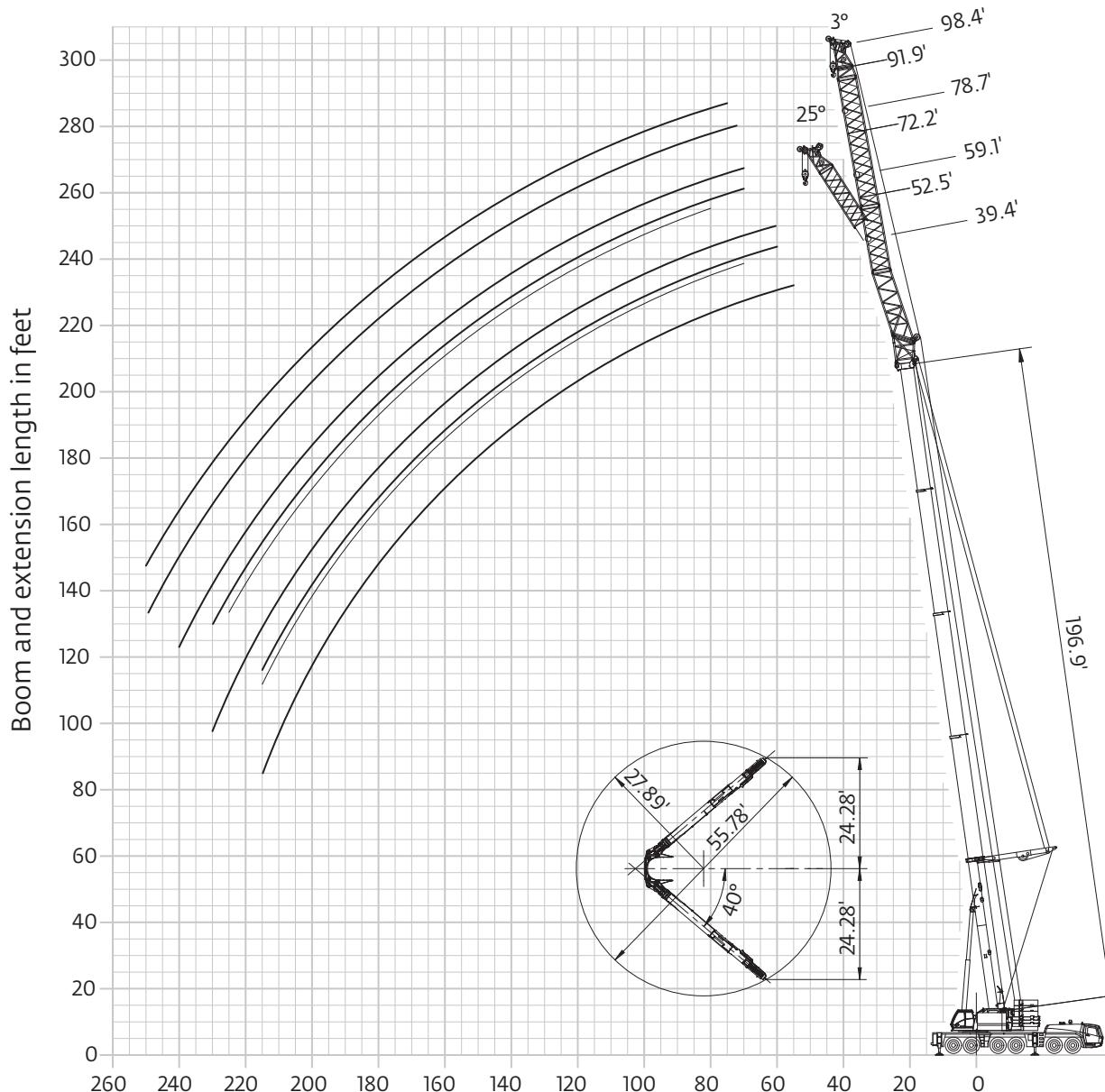
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The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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.*

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Grove GMK6400 *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™

						
	60 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°
55	94.00					
60	89.00	78.00		74.00		
65	85.00	74.00		70.00		
70	81.00	71.00	65.00	67.00	60.00	
75	77.00	68.00	63.00	65.00	57.00	
80	74.00	65.00	60.00	62.00	55.00	45.00
85	71.00	62.00	58.00	60.00	53.00	43.80
90	67.00	60.00	56.00	57.00	50.00	42.80
95	64.00	58.00	54.00	55.00	48.00	42.00
100	61.00	55.00	52.00	54.00	47.00	41.00
105	56.00	53.00	51.00	52.00	45.00	40.00
110	52.00	51.00	49.00	50.00	43.60	39.00
115	48.00	47.00	47.00	48.00	42.00	37.80
120	45.00	44.00	45.00	46.00	40.60	36.80
125	41.40	40.80	42.00	43.00	39.40	35.80
130	38.60	38.00	39.00	40.20	38.20	34.80
135	35.80	35.20	36.20	37.40	36.40	34.00
140	33.40	32.80	33.60	35.00	34.00	33.20
145	31.00	30.40	31.40	32.60	31.60	32.40
150	29.00	28.20	29.00	30.40	29.40	31.60
155	27.00	26.20	27.00	28.40	27.40	29.60
160	25.00	24.40	24.00	26.40	25.60	27.60
165	23.20	22.40	23.20	24.80	23.80	25.60
170	21.40	20.60	21.40	23.00	22.00	24.00
175	19.80	18.80	19.60	21.40	20.20	22.20
180	18.00	17.00	17.80	19.80	18.60	20.60
185	16.40	15.40	16.20	18.20	17.00	18.80
190	14.80	14.00	14.60	16.60	15.40	17.20
195	12.80	12.60	13.00	15.20	14.00	15.80
200	10.40	11.00	11.60	13.80	12.60	14.20
205	8.20	9.00	9.80	12.60	11.40	12.80
210	5.60	7.00	7.80	11.00	10.20	11.60
215	5.40	5.00	5.60	9.00	9.00	10.20
220				7.00	7.40	9.00
225				5.00	5.60	7.40
230				5.00	3.80	7.80
235						6.00
240						4.40
245						4.60
250						6.00

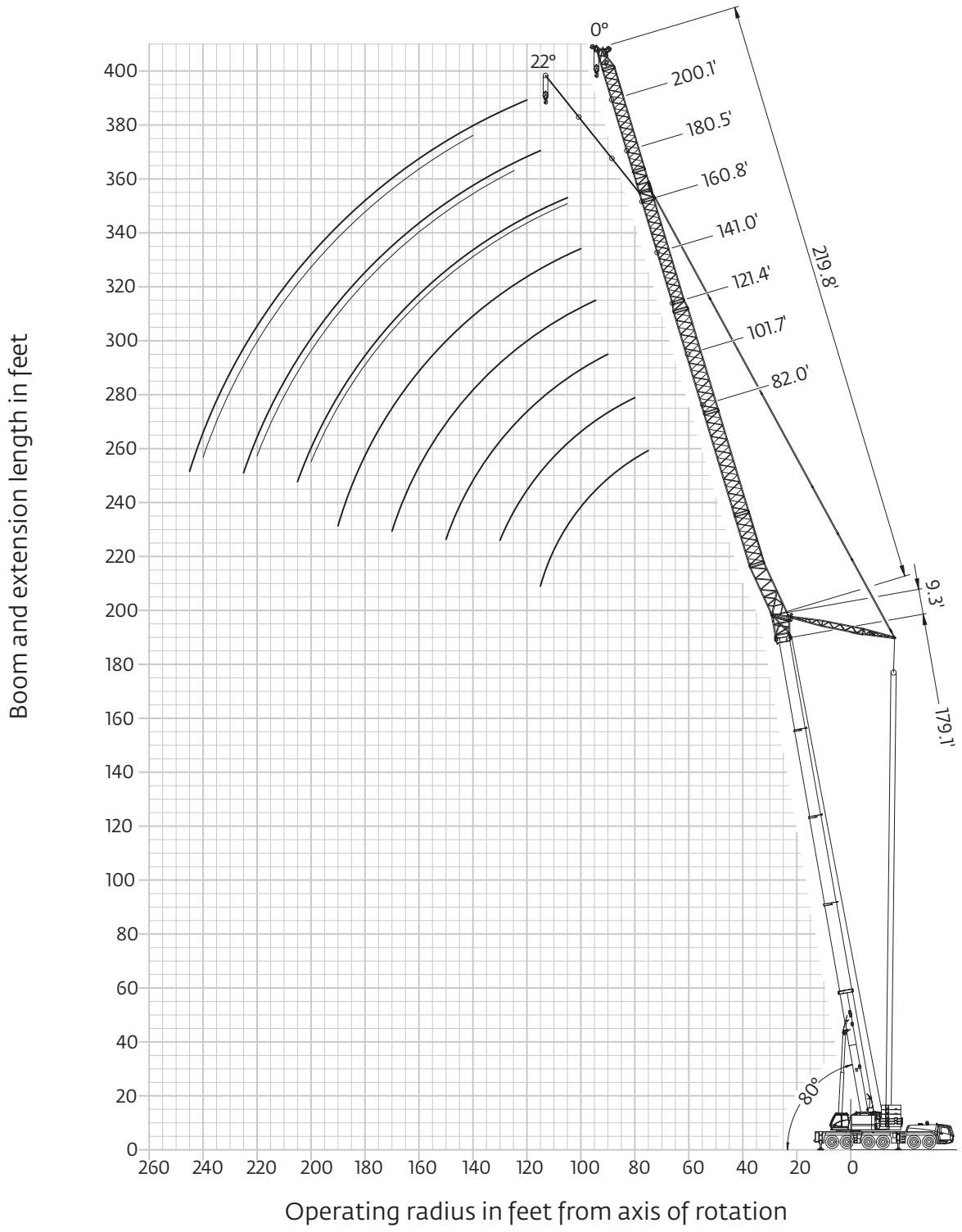
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# Working range

## Luffing jib

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	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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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

**Pounds x 1000**

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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

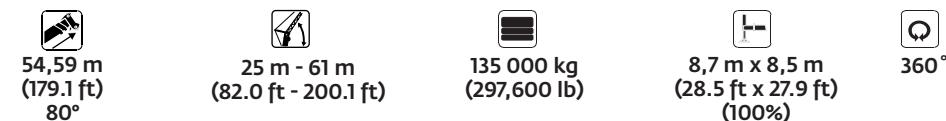
Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	0°	239.5 22°	Feet	
60	52.00													60	
65	52.00													65	
70	52.00	42.60												70	
75	51.00	42.60	34.80											75	
80	50.00	42.60	34.80	28.40										80	
85	49.00	42.60	34.80	28.40										85	
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	10.20	250		
255											9.60		255		

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# Load chart

## Luffing jib



**Pounds x 1000**

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	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

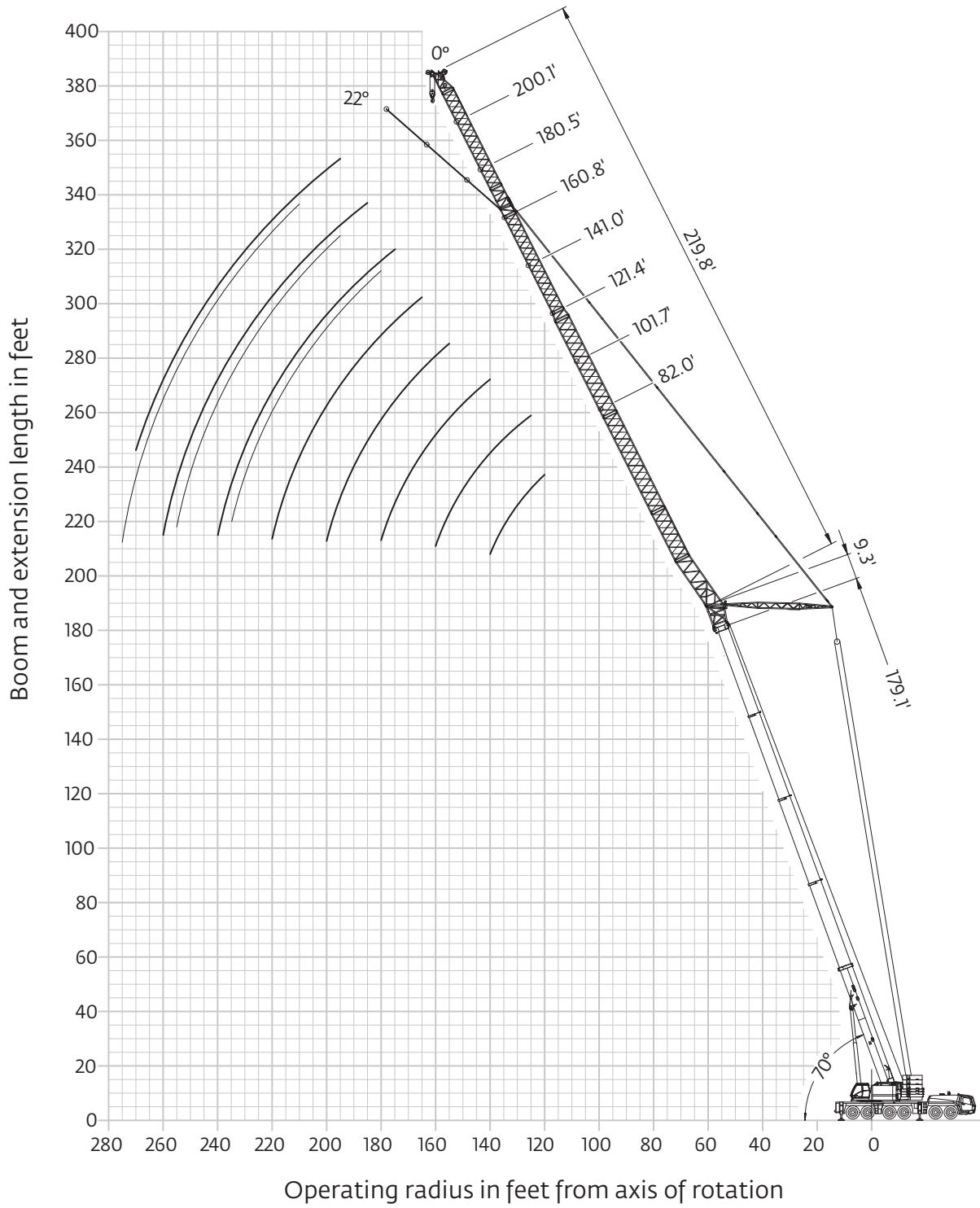
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# Working range

## Luffing jib

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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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						140
145		49.00	48.00	42.20	42.60	36.60	37.00	31.80	26.00					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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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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Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# Load chart

## Luffing jib

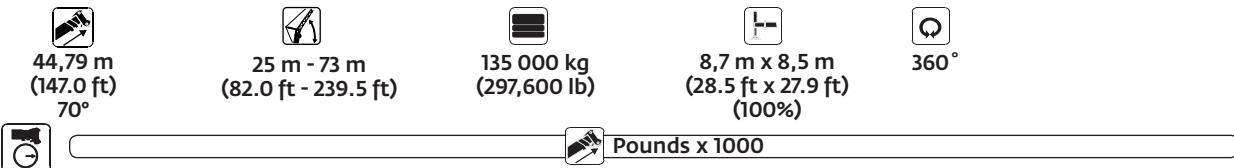
34,99 m (114.8 ft) 70°	25 m - 73 m (82.0 ft - 239.5 ft)	135 000 kg (297,600 lb)	8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)	360°																	
	Pounds x 1000																				
Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	0°	239.5 22°	Feet							
90	72.00													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	195						
200								26.40	26.80	22.40	22.60	19.20	19.60	15.60	200						
205									26.00	22.40	22.60	19.20	19.60	15.60	205						
210										25.00	22.40	22.60	19.20	19.60	15.60	210					
215											24.00	22.40	22.60	19.20	19.60	15.60	215				
220												22.40	22.60	19.20	19.60	15.60	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	

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# Load chart

## Luffing jib



Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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	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

**Pounds x 1000**

Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	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
195									11.80	10.60	9.00	9.20
200										8.80	8.80	7.60
205											7.20	7.20
210												7.40
215												6.80
220												7.60
225												6.60
230												6.20
235												5.80
240												5.40
245												5.00
250												4.60
255												4.20
260												4.00
265												3.80
270												3.60
275												3.60

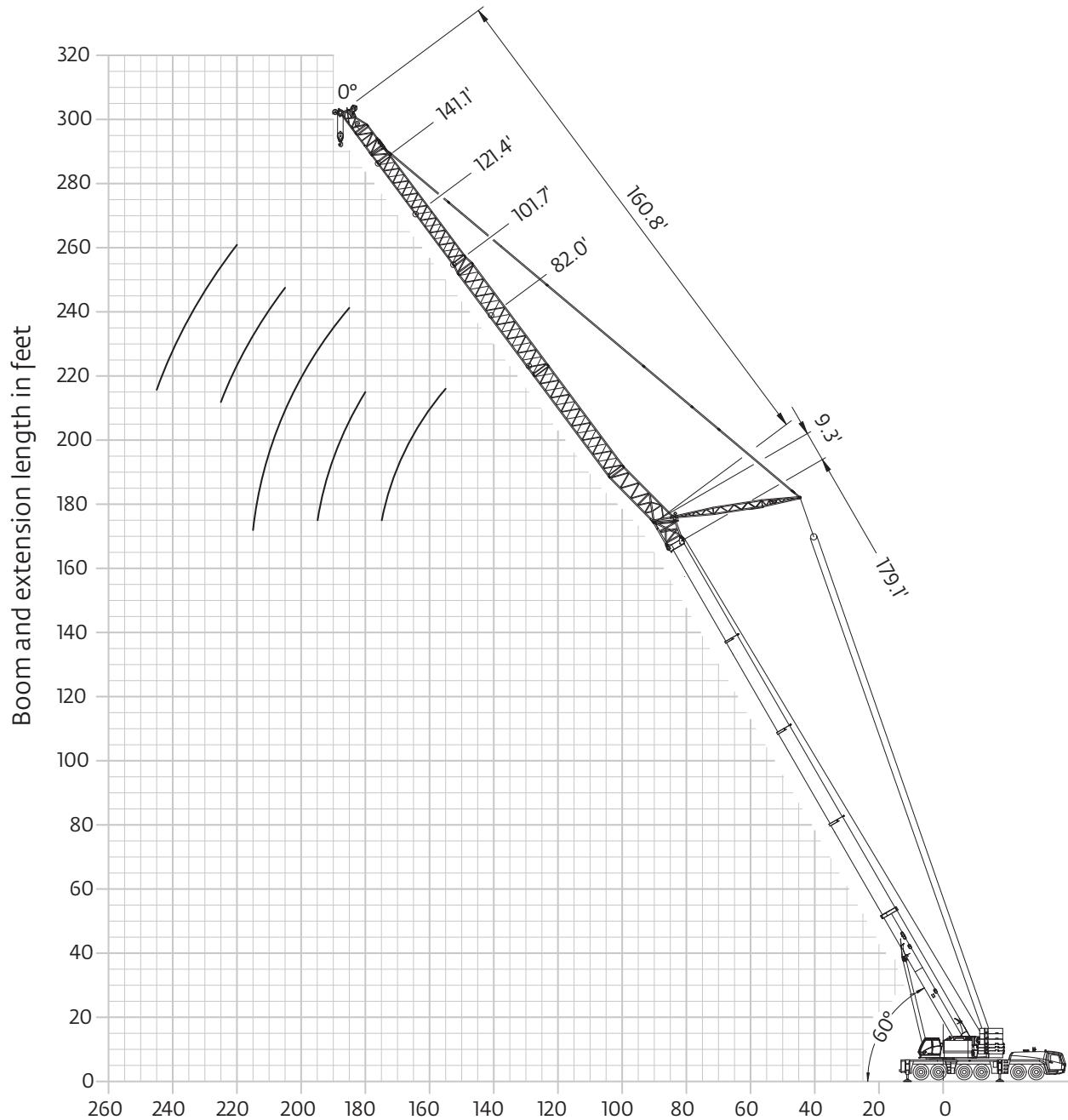
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# Working range

## Luffing jib

Main boom and luffing jib - 60°



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

## Luffing jib

	15,39 m (50.5 ft)		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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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	17.00	16.00		250
255									16.60	16.40	16.00	16.00		255
260										16.00	16.00			260
265										15.40	15.40			265
270										14.80	14.40			270
275														275

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

Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	0°	239.5 22°	Feet
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

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

## 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°	0°	180.5 22°	0°	200.1 22°	0°	219.9 22°	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	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	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

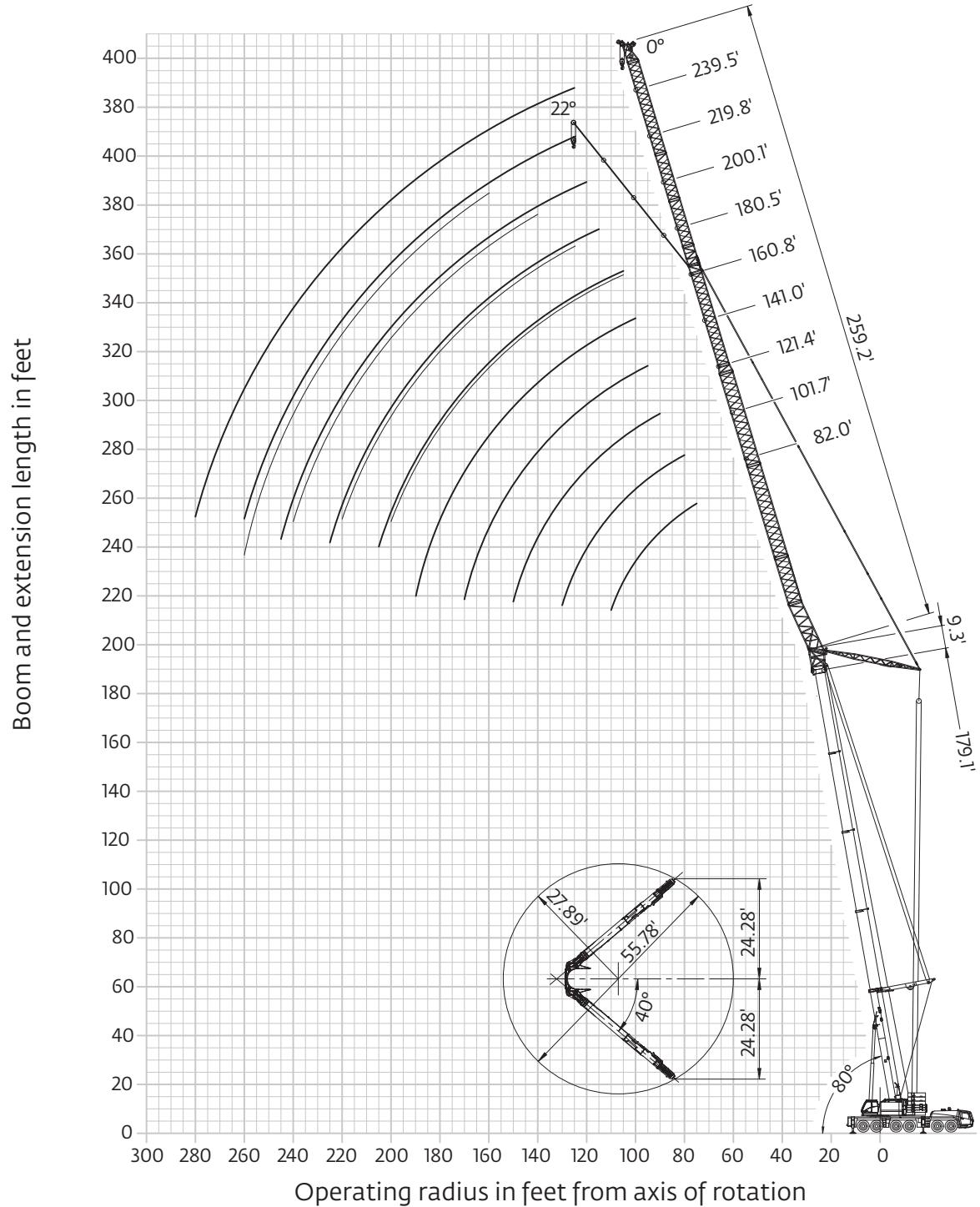
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# Working range

## Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 80°



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

# 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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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	46.00	36.80						95
100	73.00	71.00	68.00	56.00	44.00	44.00	46.00	36.80		30.60					100
105	70.00	68.00	66.00	56.00	44.00	44.00	46.00	36.80	38.40	30.60		25.20			105
110	68.00	65.00	63.00	56.00	44.00	44.00	46.00	36.80	38.40	30.60		25.20			110
115	66.00	62.00	61.00	56.00	44.00	44.00	46.00	36.80	38.40	30.60		25.20			115
120	60.00	58.00	56.00	44.00	44.00	46.00	46.00	36.80	38.40	30.60	29.00	25.20		19.80	120
125		58.00	56.00	54.00	44.00	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	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	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	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	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	37.60	30.60	26.00	25.00	19.60	19.80	150
155				43.40	41.80	41.80	36.80	37.40	37.40	30.60	25.60	24.40	19.40	19.80	155
160				42.20	40.40	40.20	36.80	37.20	37.20	30.60	25.40	23.80	19.00	19.40	160
165				41.00	39.00	39.00	36.80	37.20	37.20	30.60	25.00	23.40	18.60	18.80	165
170				40.00	37.80	37.80	36.80	36.60	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

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

Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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°	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	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.

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

# 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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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	43.60									90
95	72.00	70.00	69.00	64.00	53.00	43.60	43.80	36.60							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			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™

The diagram illustrates five crane configurations:

- 49,69 m (163.0 ft) 80°:** Represented by a jib icon.
- 25 m - 79 m (82.0 ft - 259.2 ft):** Represented by a jib icon.
- 135,000 kg (297,600 lb):** Represented by a weight icon.
- 8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%):** Represented by a square icon.
- 360°:** Represented by a circle icon.

A horizontal scale bar below the configurations is labeled "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
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		120
125		50.00	48.00	48.00	41.40	42.00	35.00	35.20	29.80		125
130		48.00	46.00	46.00	41.40	42.00	35.00	35.20	29.80		130
135		46.00	45.00	43.80	41.40	42.00	35.00	35.20	29.80	28.00	135
140		45.00	42.80	42.00	40.60	40.60	35.00	35.20	29.80	27.40	140
145			41.20	40.40	39.00	38.80	35.00	35.20	29.80	26.80	145
150			39.80	39.00	37.40	37.40	35.00	35.20	29.80	26.40	150
155			38.60	37.60	36.00	35.80	35.00	35.20	29.80	26.00	155
160			37.60	36.20	34.60	34.60	33.80	33.60	29.80	25.80	160
165				35.00	33.40	33.20	32.40	32.40	29.80	25.40	165
170				34.00	32.20	32.00	31.20	31.20	29.80	25.20	170
175				33.00	31.00	31.00	30.20	30.00	29.40	24.80	175
180				32.20	30.00	29.00	29.00	29.00	28.40	24.60	180
185					30.00	28.20	28.00	28.00	27.40	24.40	185
190					29.00	27.40	27.20	27.00	26.40	24.20	190
195					28.20		26.20	26.00	25.40	23.80	195
200					27.40		25.40	25.20	24.60	23.80	200
205					26.80		24.60	24.60	23.80	23.60	205
210						24.00	23.80	23.00	23.00	20.00	210
215						23.40	23.20	22.40	22.20	19.40	215
220						22.80		21.60	21.60	19.00	220
225							21.00	21.00	18.80	16.40	225
230							20.60	20.40	18.40	16.40	230
235							20.00	19.80	18.00	16.20	235
240							19.60		17.60	16.20	240
245									17.40	16.00	245
250									17.00	16.00	250
255									16.80	16.00	255
260									16.40		260
265										12.40	265
270										12.20	270
275										12.00	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.

# 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°						
<b>Pounds x 1000</b>															
Feet	82.0 0°	101.7 0°	121.4 0°	141.1 0°	160.8 0°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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		39.20	39.60							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	28.60	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

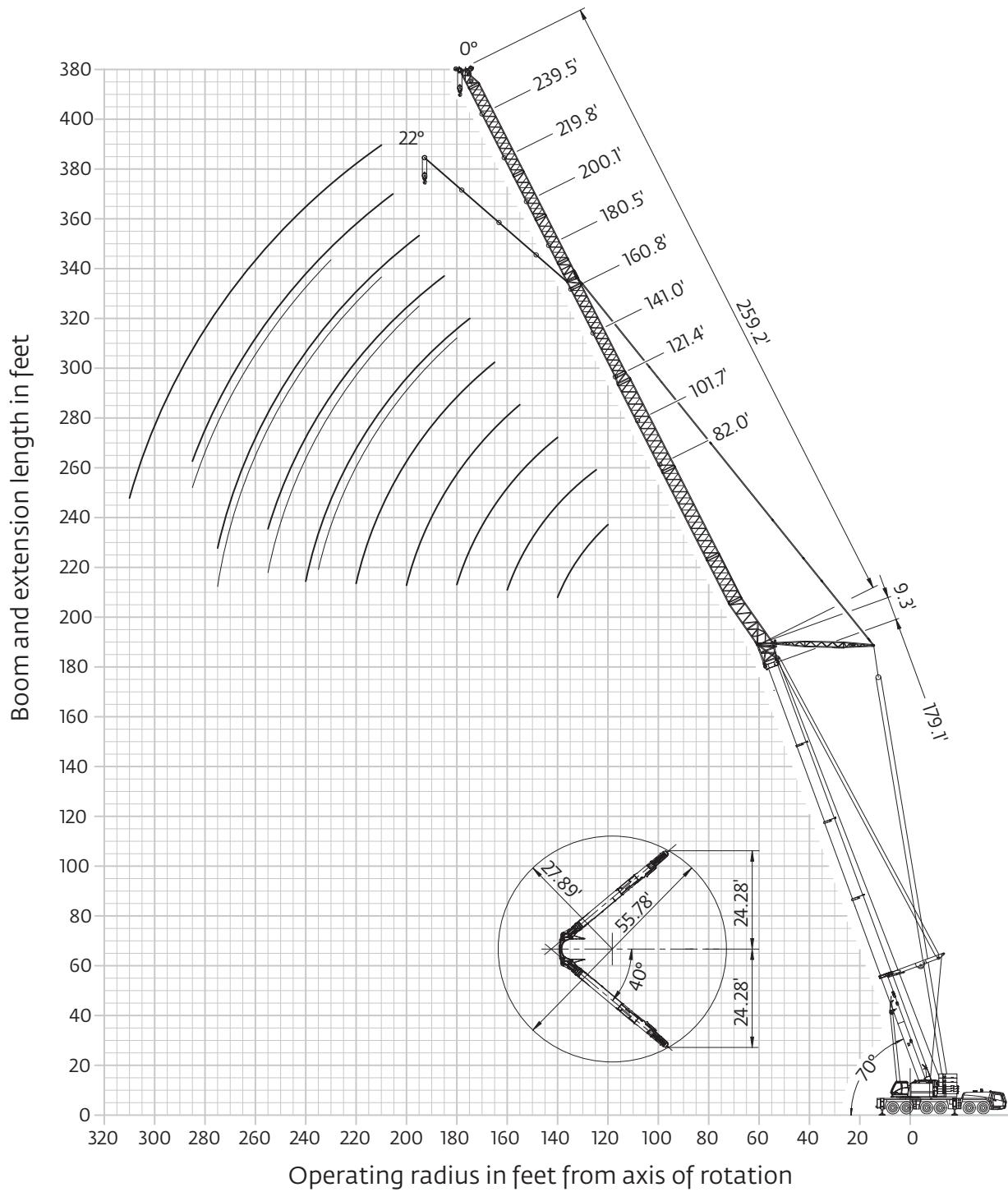
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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.*

# 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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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		18.80	185
190						29.20	28.60	28.60	28.20	28.20	27.80	24.60		18.40	190
195						28.20	27.60	27.60	27.20	27.20	26.80	24.20	22.20	18.00	18.00
200							26.60	26.60	26.20	26.20	25.80	23.40	21.80	17.80	17.60
205								25.60	25.20	25.20	24.80	22.40	21.40	17.60	17.20
210									24.20	24.20	24.00	21.60	20.80	17.40	16.80
215										23.40	23.40	23.00	20.80	20.40	17.20
220										22.60	22.60	22.20	20.00	20.00	17.00
225											21.80	21.40	19.40	19.60	16.80
230												20.80	18.60	19.20	16.60
235												20.00	18.00	18.80	16.40
240												19.20	17.40	18.40	16.20
245												18.60	18.00	16.20	14.20
250													17.60	16.20	13.80
255													17.20	16.20	13.60
260													16.40	16.00	13.20
265													15.80		13.00
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°	22°	200.1 0°	22°	219.8 0°	22°	239.5 0°	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	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	19.20	185														
190									27.80	26.80	26.80	26.20	26.20	25.60	25.00	18.80	190													
195										26.80	25.80	25.80	25.20	25.20	24.60	22.60	18.20	195												
200											25.80	24.80	24.80	24.20	24.20	22.20	18.20	200												
205												24.00	24.00	23.40	23.40	17.40	205													
210													23.00	22.40	22.00	22.40	17.60	210												
215														22.20	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	12.50	250						
255																				15.60	15.40	15.40	14.00	12.50	255					
260																					14.80	15.00	13.60	12.00	10.60	260				
265																					14.20	14.40	13.40	12.00	10.60	265				
270																					13.80	13.00	12.60	12.00	10.60	270				
275																					13.20	12.60	12.00	11.60	10.60	275				
280																						12.00	11.60	11.20	10.60	10.60	280			
285																							11.60	11.20	10.60	10.60	10.60	285		
290																								11.20	10.60	10.60	10.60	10.60	290	
295																									10.60	10.60	10.60	10.60	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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	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	17.80		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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	0°	239.5 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	21.00		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	19.20	19.80	19.00	18.20	205									
210									21.20	19.80	19.80	19.20	19.00	18.40	19.00	18.20	210								
215										20.20	19.00	19.00	18.40	18.40	17.80	18.20	16.80	215							
220											18.20	18.20	17.60	17.60	17.60	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	

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™

  
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°	0°	180.5 22°	0°	200.1 22°	0°	219.8 22°	0°	239.5 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	19.20	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	16.60	15.60		210									
215							18.60	17.60	17.60	16.80	16.80	16.80	16.00	15.00		215								
220								17.80	17.00	17.00	16.20	16.20	16.20	15.40	14.40		220							
225									16.20	16.20	15.40	15.60	15.60	14.60	13.80		225							
230										15.60	15.60	14.80	14.80	15.00	14.00	13.20		230						
235											15.00	14.80	14.20	14.20	14.40	13.40	12.60		235					
240											14.20	13.60	13.60	13.60	13.80	12.80	12.80		240					
245												13.00	13.20	13.20	13.20	12.40	12.20	11.60		245				
250													12.60	12.60	12.60	11.80	11.80	11.00		250				
255														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	

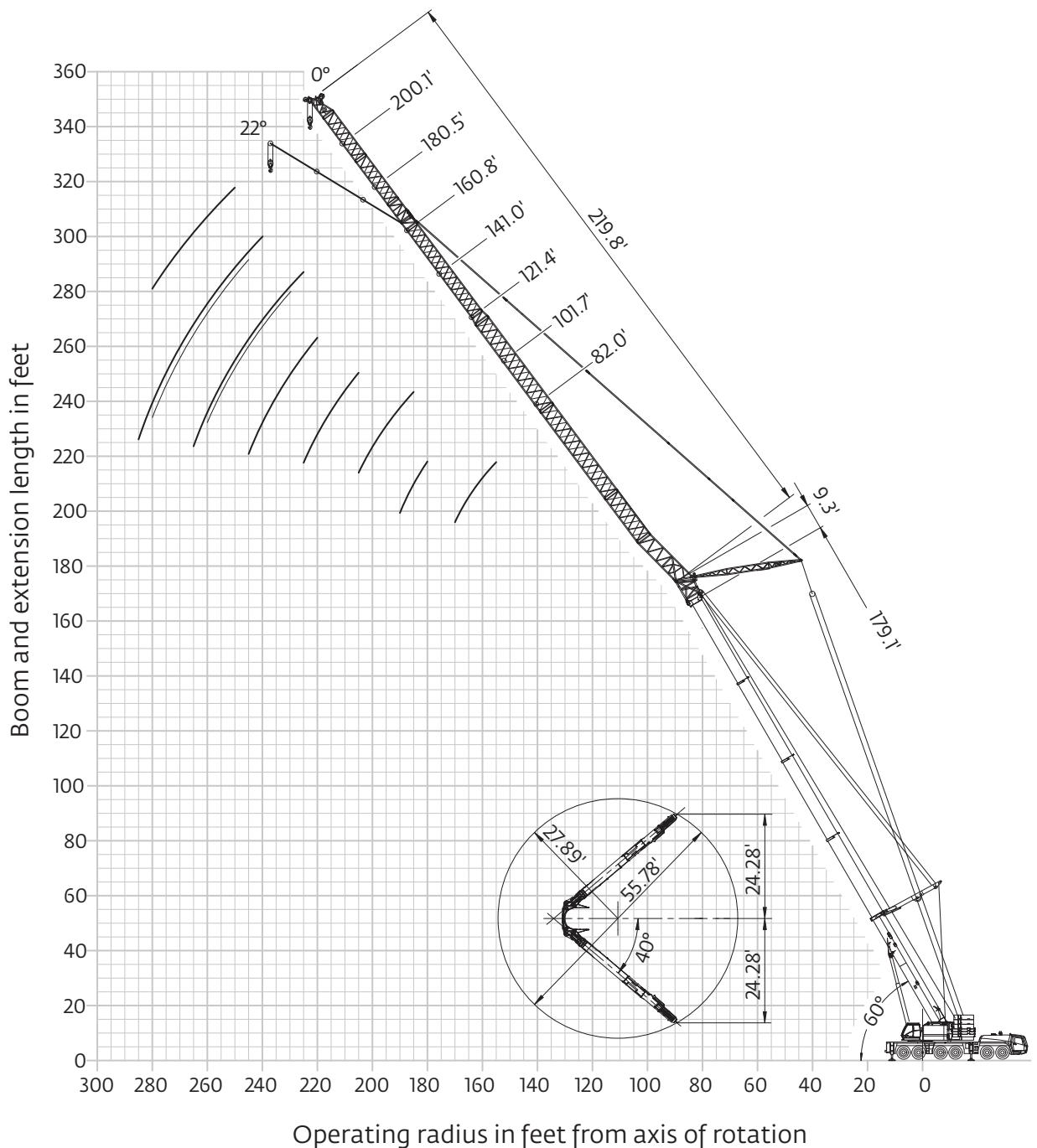
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# Working range

## Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 60°



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

# 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°	0°	180.5 22°	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°	0°	180.5 22°	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°	0°	180.5 22°	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												275
280											6.80	280
285											6.40	285

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Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# 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°	0°	180.5 22°	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°	0°	180.5 22°	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	

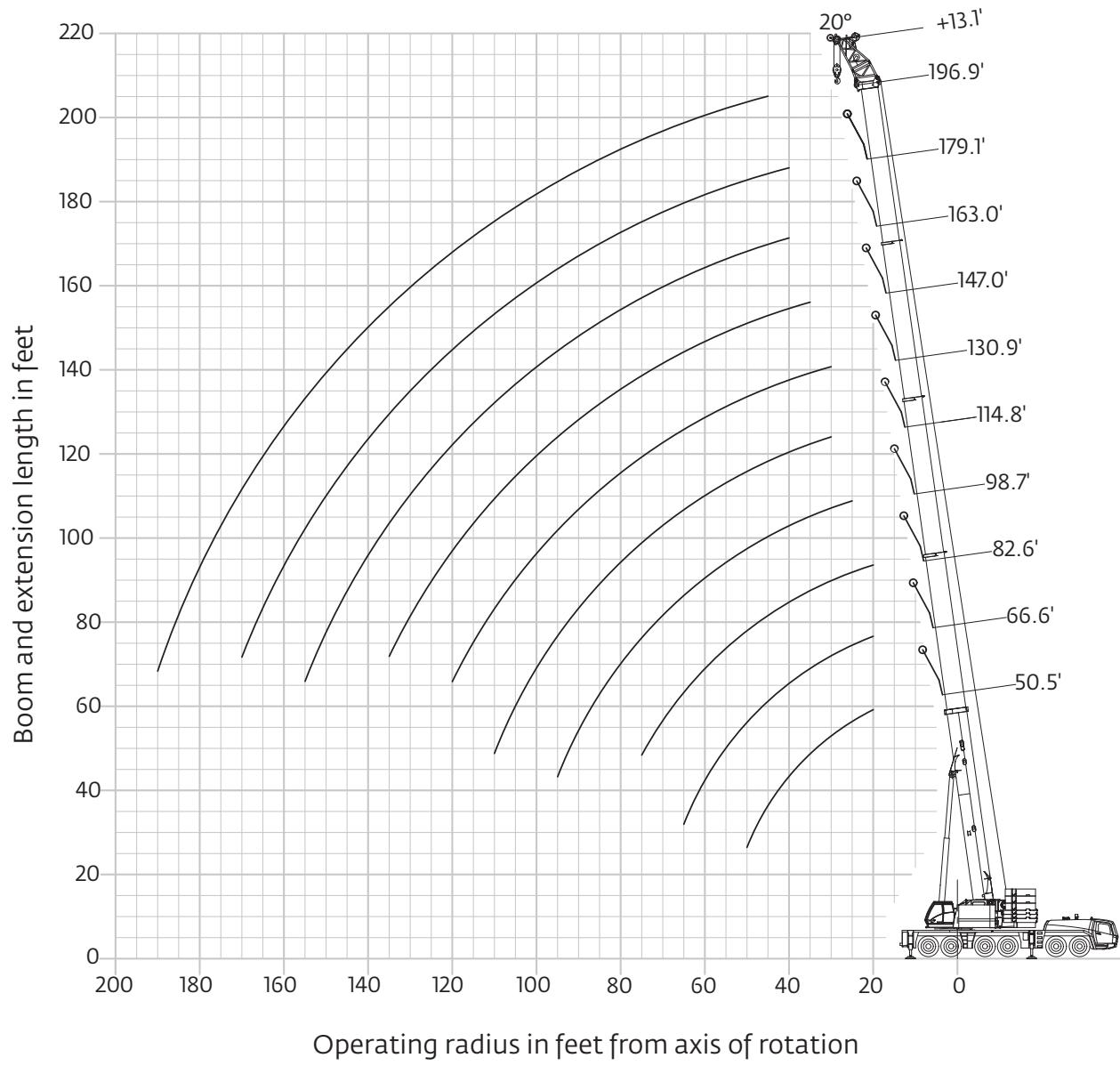
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# Working range

## 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.*

# Load chart

## Heavy duty jib

 34,9 m - 60,0 m  
(114.8 ft - 196.9 ft)

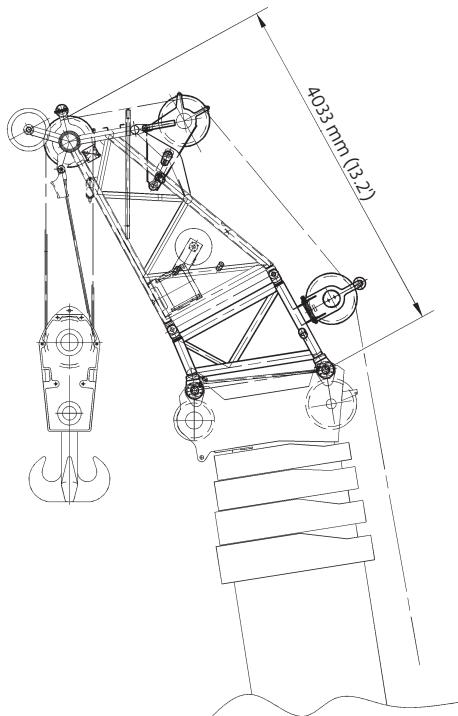
 4,0 m  
(13.1 ft)  
20°

 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



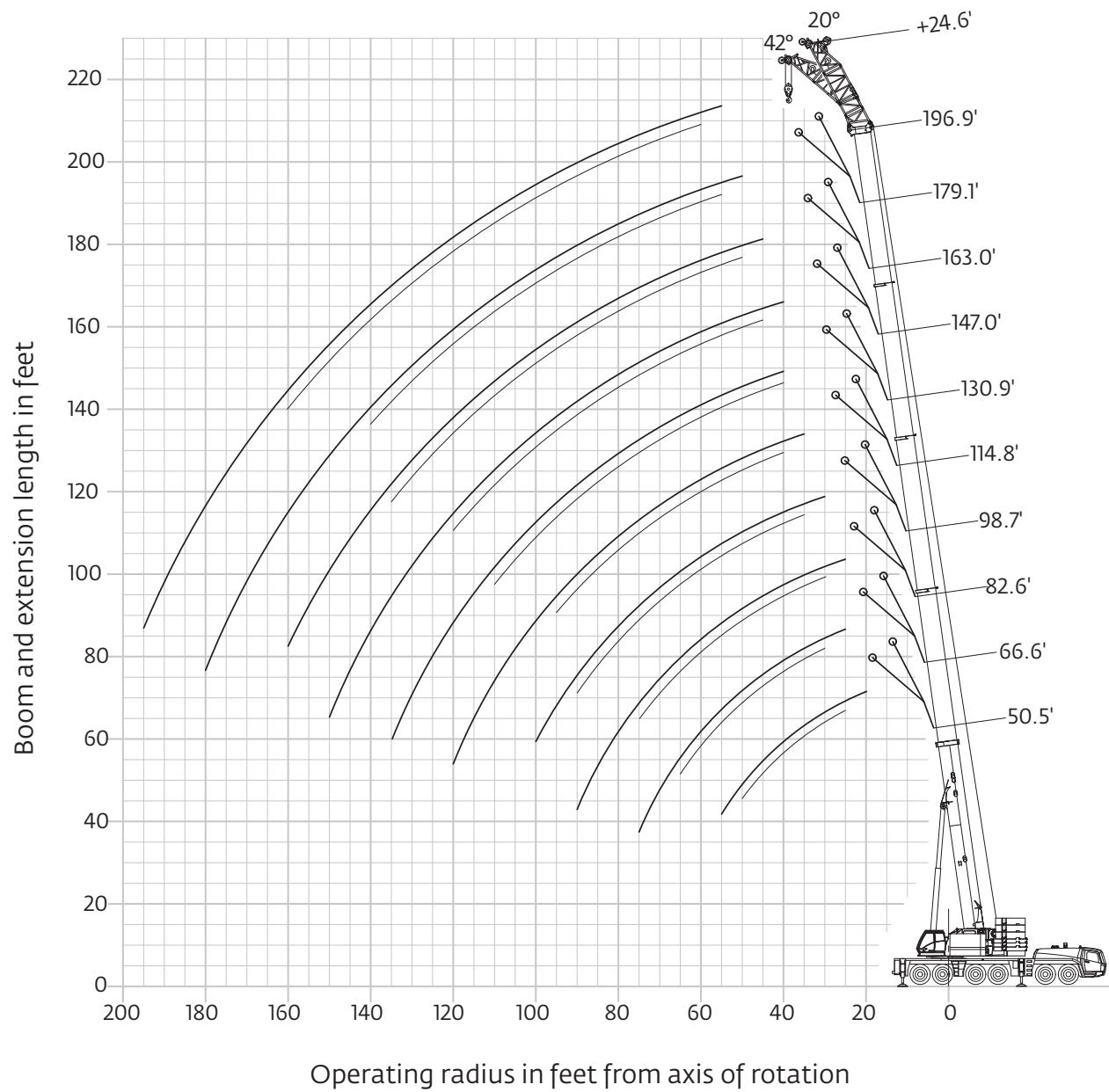
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# Working range

## Heavy duty jib

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

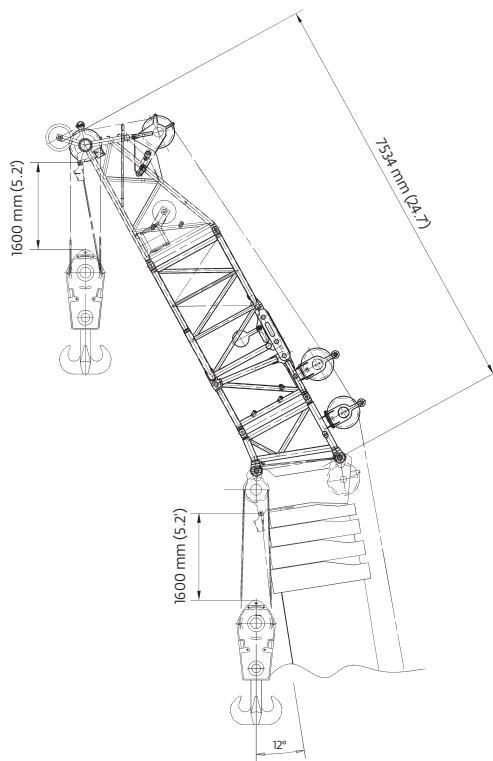


# Load chart

## 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	22.40	150
155					23.20	21.20	155
160					21.80	21.80	160
165						20.60	165
170						19.40	170
175						18.40	175
180						17.40	180
185							185
190							190
195							195



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# Load chart

## Heavy duty jib

 34,9 m - 60,0 m  
(114.8 ft - 196.9 ft)

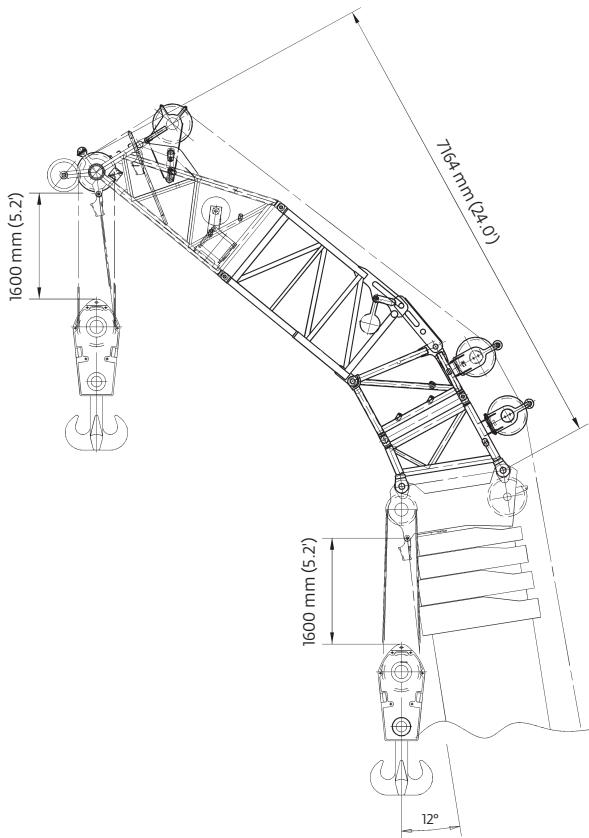
 7,5 m  
(24.6 ft)  
42°

 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



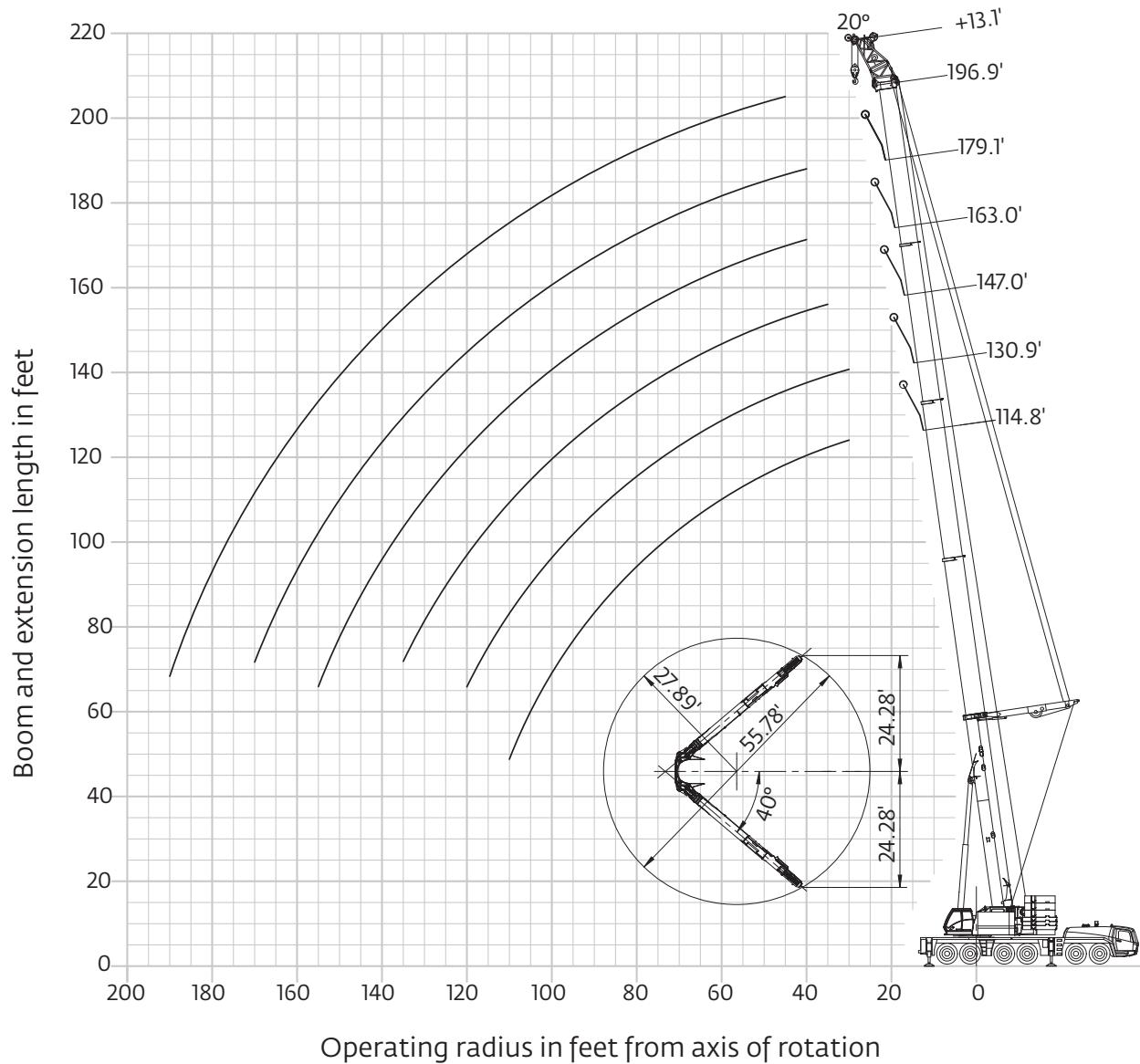
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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 and MegaWingLift™

Main boom, 4.0 m (13.1 ft) heavy duty jib and MegaWingLift™



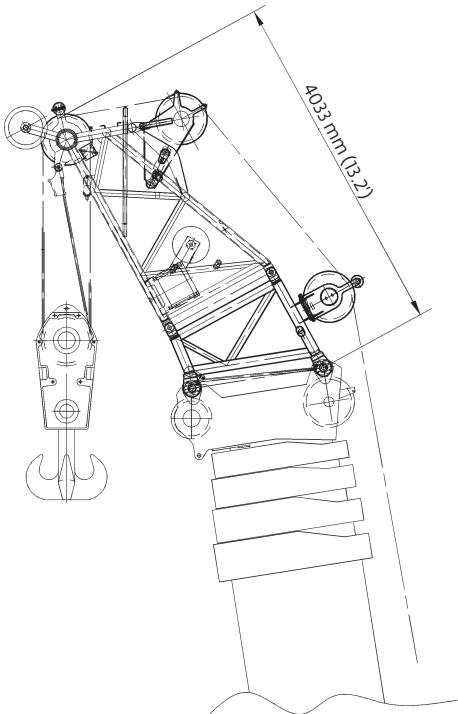
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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# 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
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	45
50	148.00	140.00	147.00	132.00	130.00	50
55	134.00	131.00	135.00	122.00	120.00	55
60	121.00	120.00	126.00	114.00	111.00	60
65	110.00	109.00	117.00	107.00	104.00	65
70	100.00	99.00	110.00	100.00	98.00	70
75	91.00	90.00	100.00	92.00	93.00	75
80	83.00	82.00	91.00	84.00	85.00	80
85	76.00	75.00	83.00	77.00	78.00	85
90	70.00	69.00	75.00	70.00	72.00	90
95	64.00	63.00	69.00	65.00	66.00	95
100	59.00	58.00	64.00	60.00	61.00	100
105	52.00	54.00	59.00	55.00	56.00	105
110	45.00	49.00	54.00	51.00	52.00	110
115		45.00	50.00	47.00	49.00	115
120		38.80	46.00	43.80	45.00	120
125			42.80	40.80	42.20	125
130				39.60	37.80	130
135				35.40	35.20	135
140				30.20	32.80	140
145					28.60	145
150					24.20	150
155					23.00	155
160					23.80	160
165					20.00	165
170					18.60	170
175						175
180						180
185						185
190						190



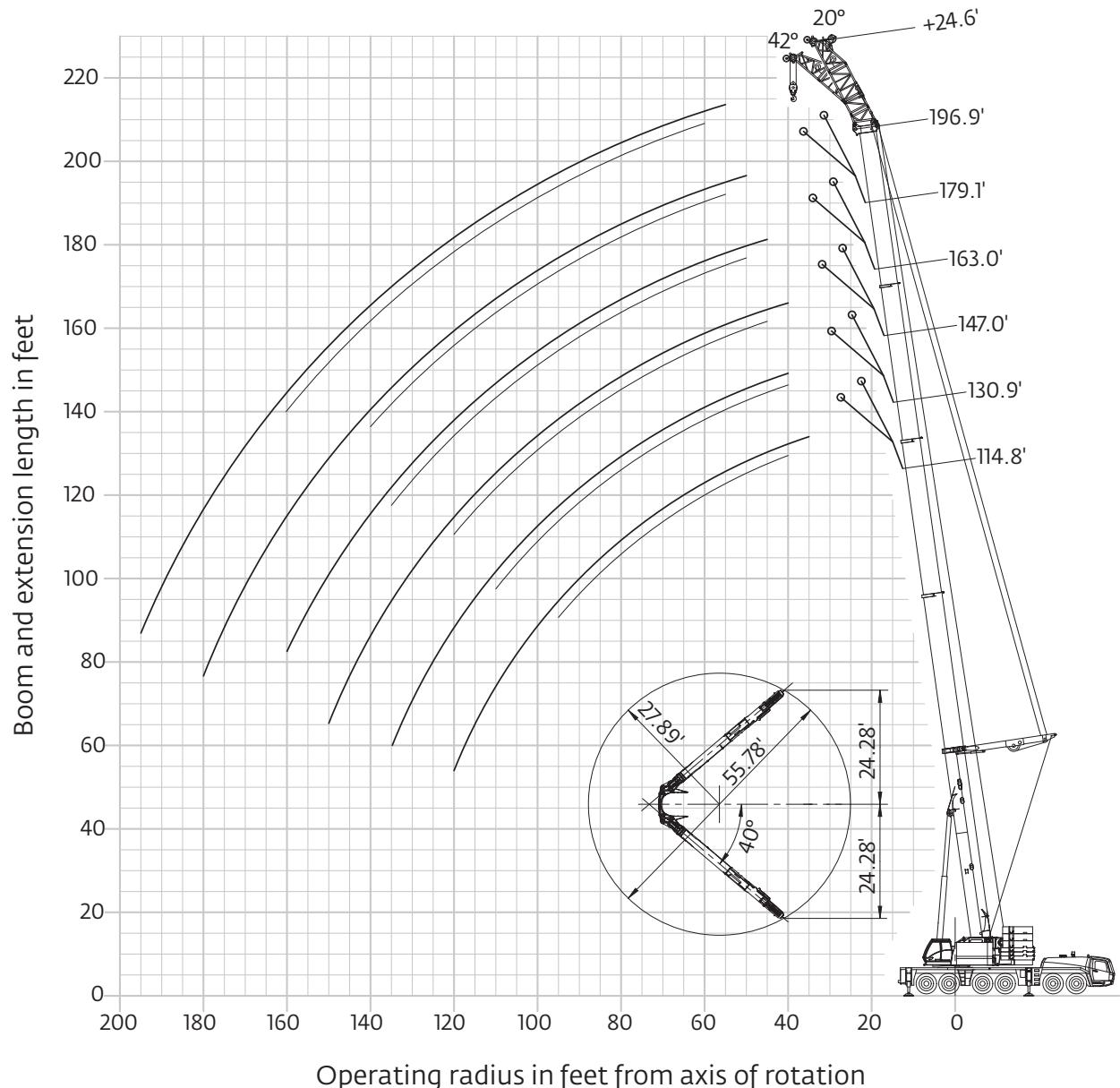
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# Working range

## Heavy duty jib and MegaWingLift™

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



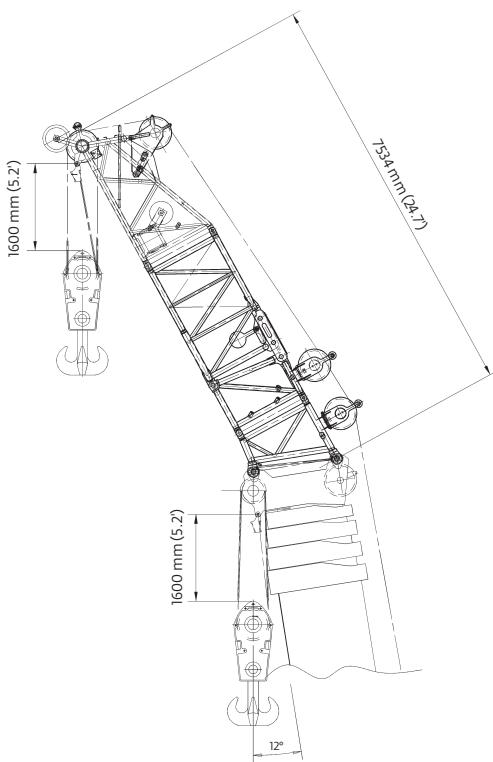
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Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# Load chart

## Heavy duty jib and MegaWingLift™

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	145
150				24.00	24.80	29.80	150
155					20.80	27.60	155
160						25.80	160
165						23.40	165
170						20.20	170
175						16.80	175
180						16.00	180
185							15.80
190							13.00
195							11.20



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

## Heavy duty jib and MegaWingLift™

 34,9 m - 60,0 m  
(114.8 ft - 196.9 ft)

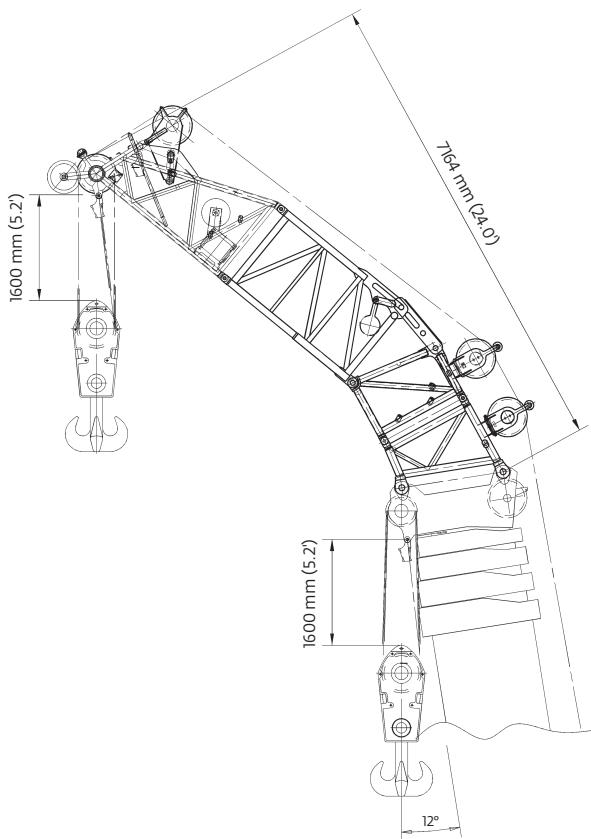
 7,5 m  
(24.6 ft)  
42°

 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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Alphaville  
**Mexico**  
Monterrey  
**Chile**  
Santiago

#### Europe, Middle East, Africa

**France**  
Baudemont  
Cergy  
Decines  
**Germany**  
Langenfeld  
**Italy**  
Lainate  
**Netherlands**  
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Seoul  
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Makati City  
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### Factories

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Niella Tanaro  
**Portugal**  
Balcar  
Fânzeres  
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Manitowoc  
Port Washington  
Shady Grove

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