

Grove GMK6400

North American Product Guide

ASME B30.5
Imperial 85%

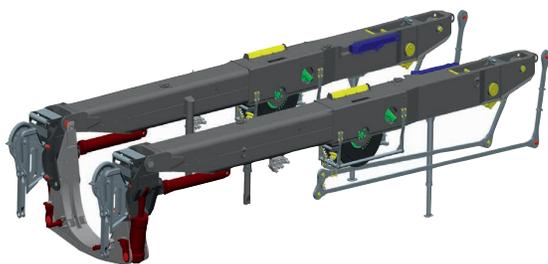


Features

- 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)

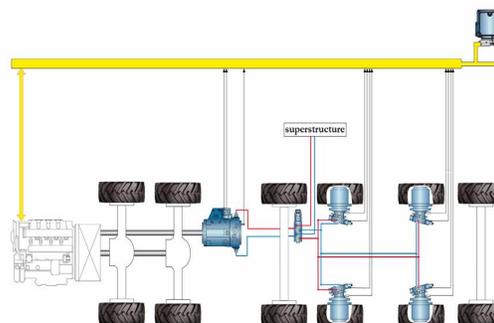


Carrier cab

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.



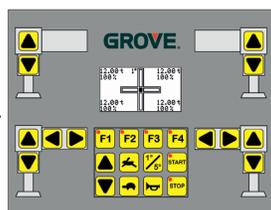
MegaDrive™

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

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



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

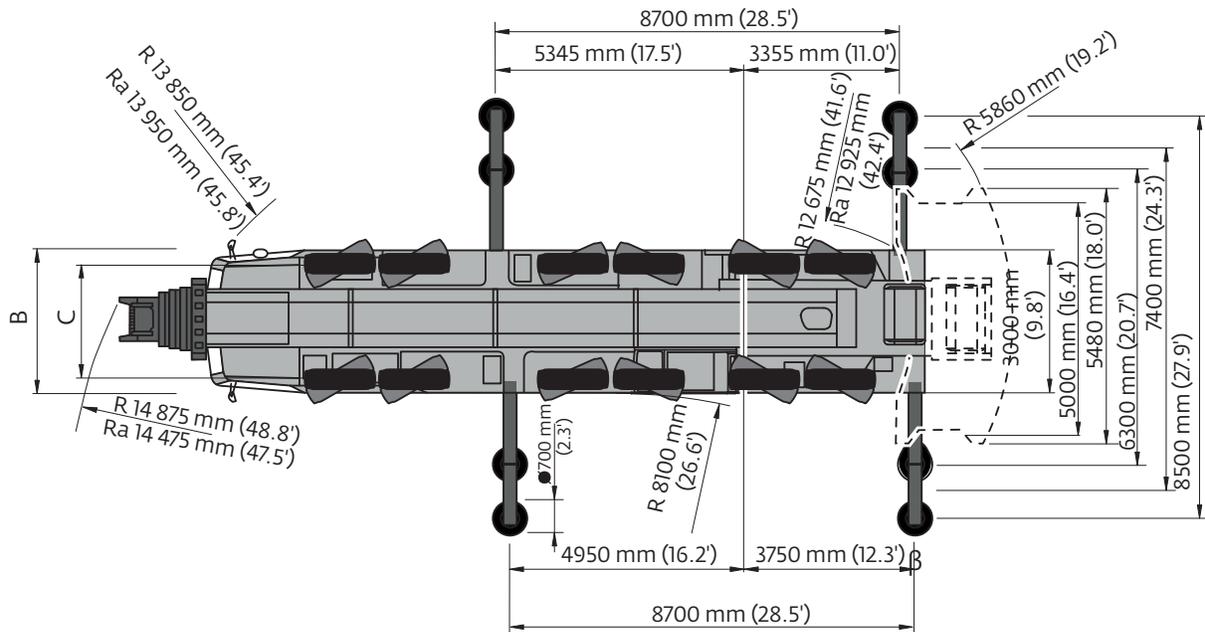
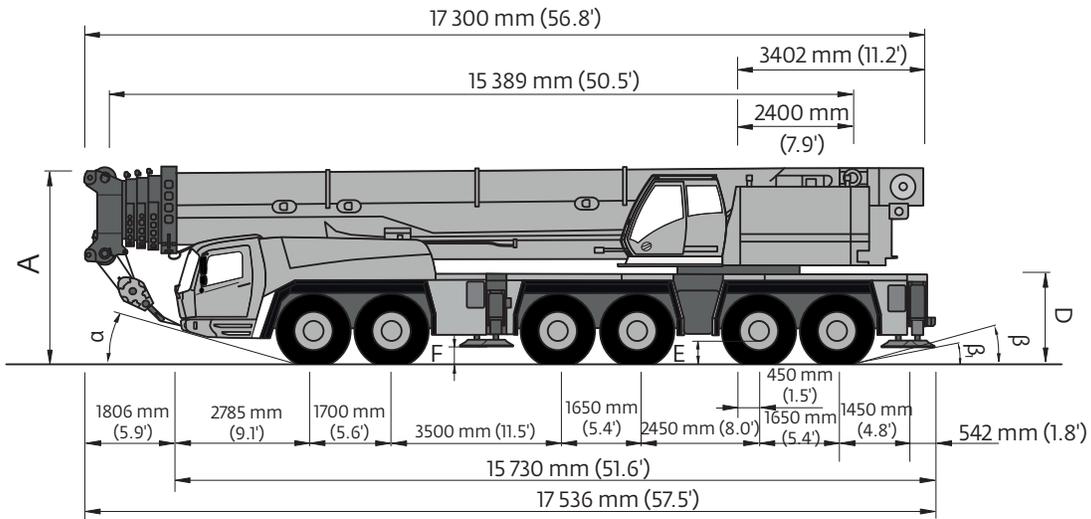
Miscellaneous standard equipment

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

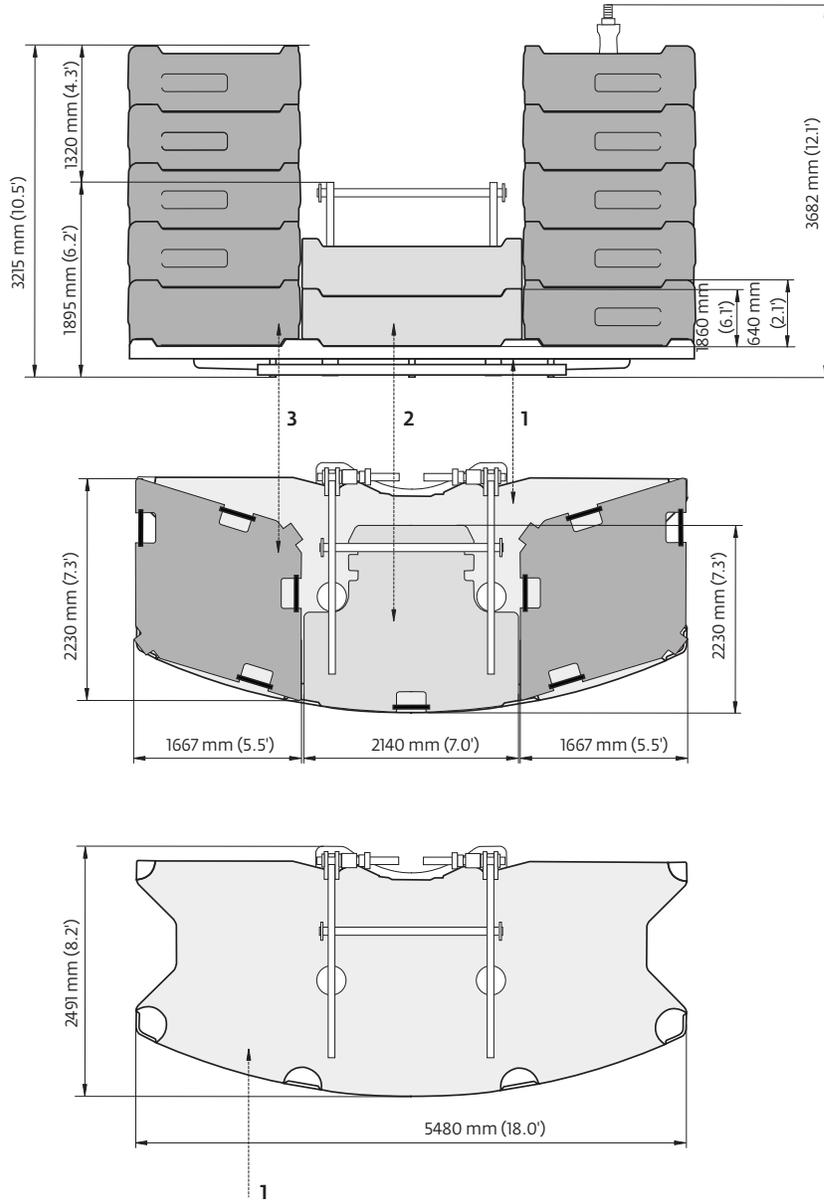
Dimensions



| Tires | A | A ^{190 mm (6.4)} | B | C | D | E | F | α | β | β ₁ |
|-----------|-----------------|---------------------------|-----------------|----------------|----------------|---------------|---------------|-----|-----|----------------|
| 14.00 R25 | 3956 mm (13.0') | 3826 mm (12.6') | 2970 mm (9.7') | 2570 mm (8.4') | 1815 mm (6.0') | 400 mm (1.3') | 209 mm (0.7') | 14° | 11° | 8° |
| 16.00 R25 | 4000 mm (13.1') | 3870 mm (12.7') | 2975 mm (9.8') | 2510 mm (8.2') | 1865 mm (6.1') | 450 mm (1.5') | 260 mm (0.9') | 16° | 13° | 10° |
| 20.5 R25 | 4000 mm (13.1') | 3870 mm (12.7') | 3070 mm (10.1') | 2530 mm (8.3') | 1865 mm (6.1') | 450 mm (1.5') | 260 mm (0.9') | 16° | 13° | 10° |

Ra = Radius all wheels steered
^oLowered

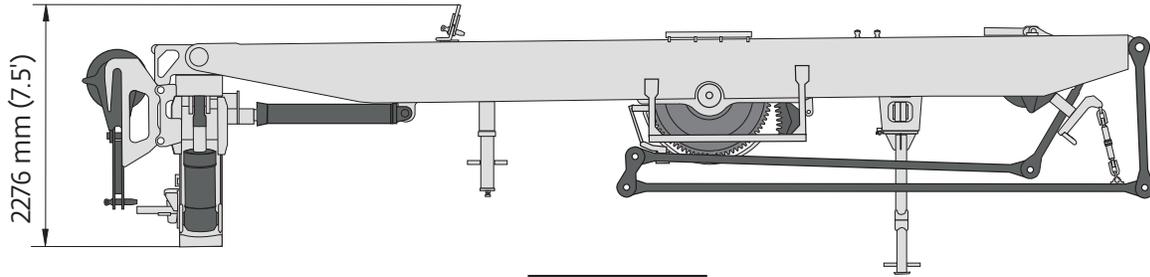
Dimensions



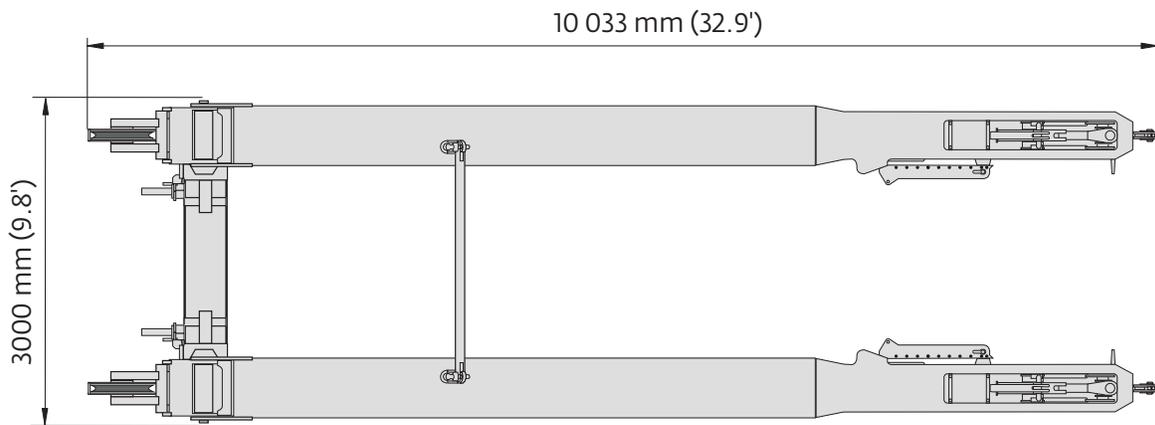
| | ① | ② | ③ |
|----------------------|---|----|-----|
| 15,0 t (33,000 lb) | X | | |
| 35,0 t (77,000 lb) | X | | 2X |
| 55,0 t (121,000 lb) | X | 2X | 2X |
| 75,0 t (165,500 lb) | X | 2X | 4X |
| 95,0 t (209,500 lb) | X | 2X | 6X |
| 115,0 t (253,500 lb) | X | 2X | 8X |
| 135,0 t (297,600 lb) | X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

Dimensions

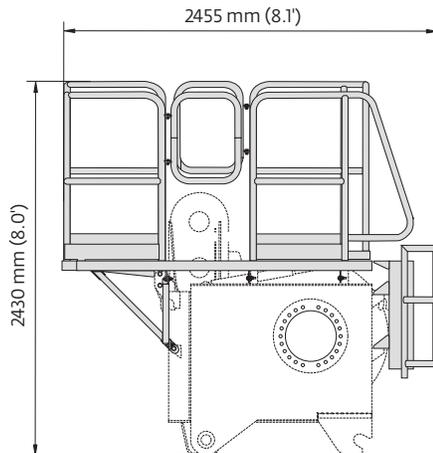
MegaWingLift™



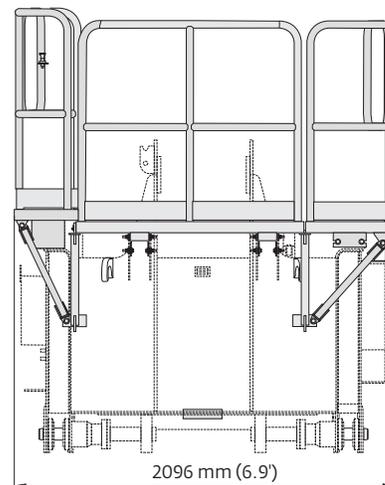
| Weight |
|-----------------------|
| 11 135 kg (24,550 lb) |



Auxiliary hoist



| Weight |
|---------------------|
| 5000 kg (11,023 lb) |



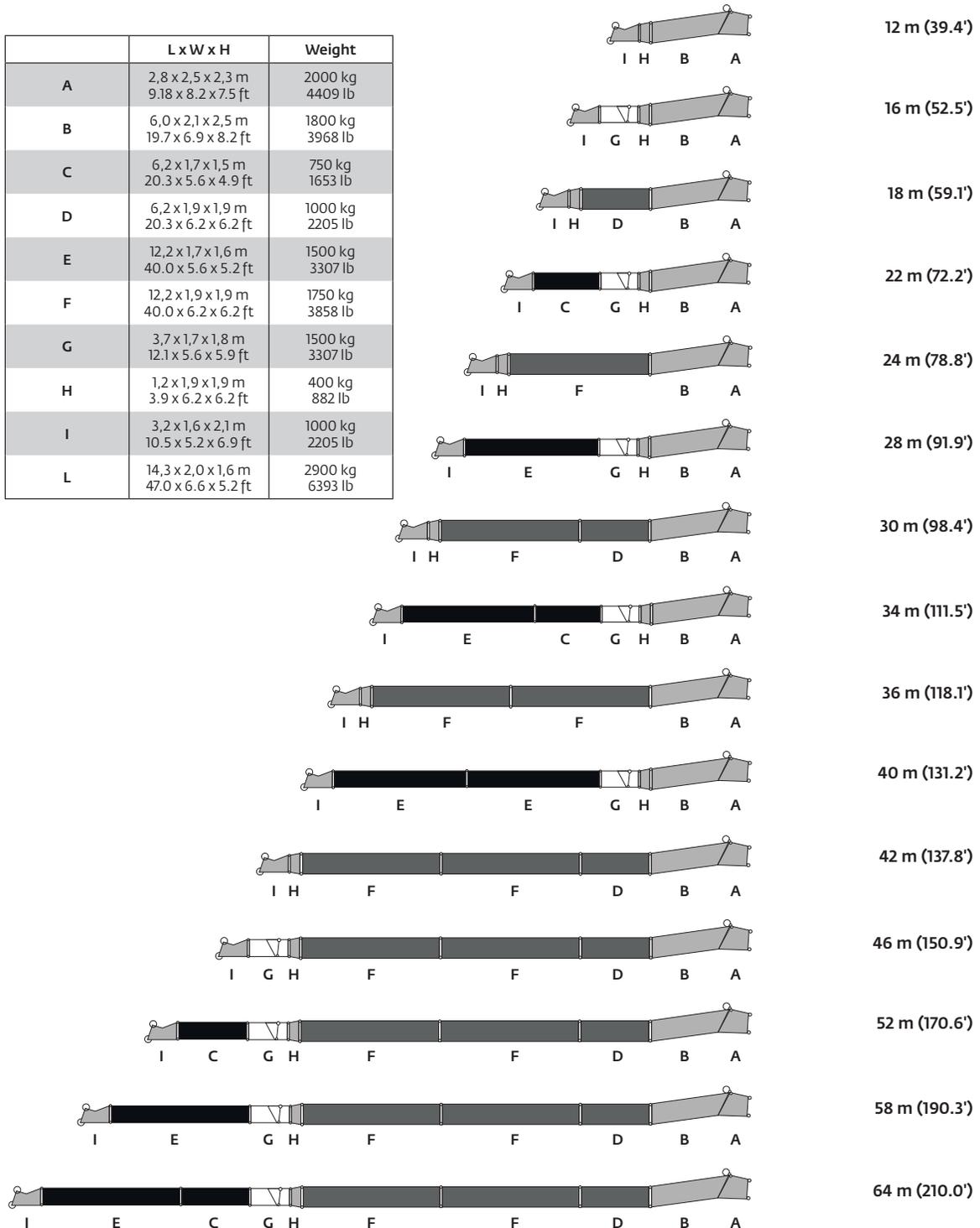
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

Dimensions

Lattice extension

Lattice extension dimensions

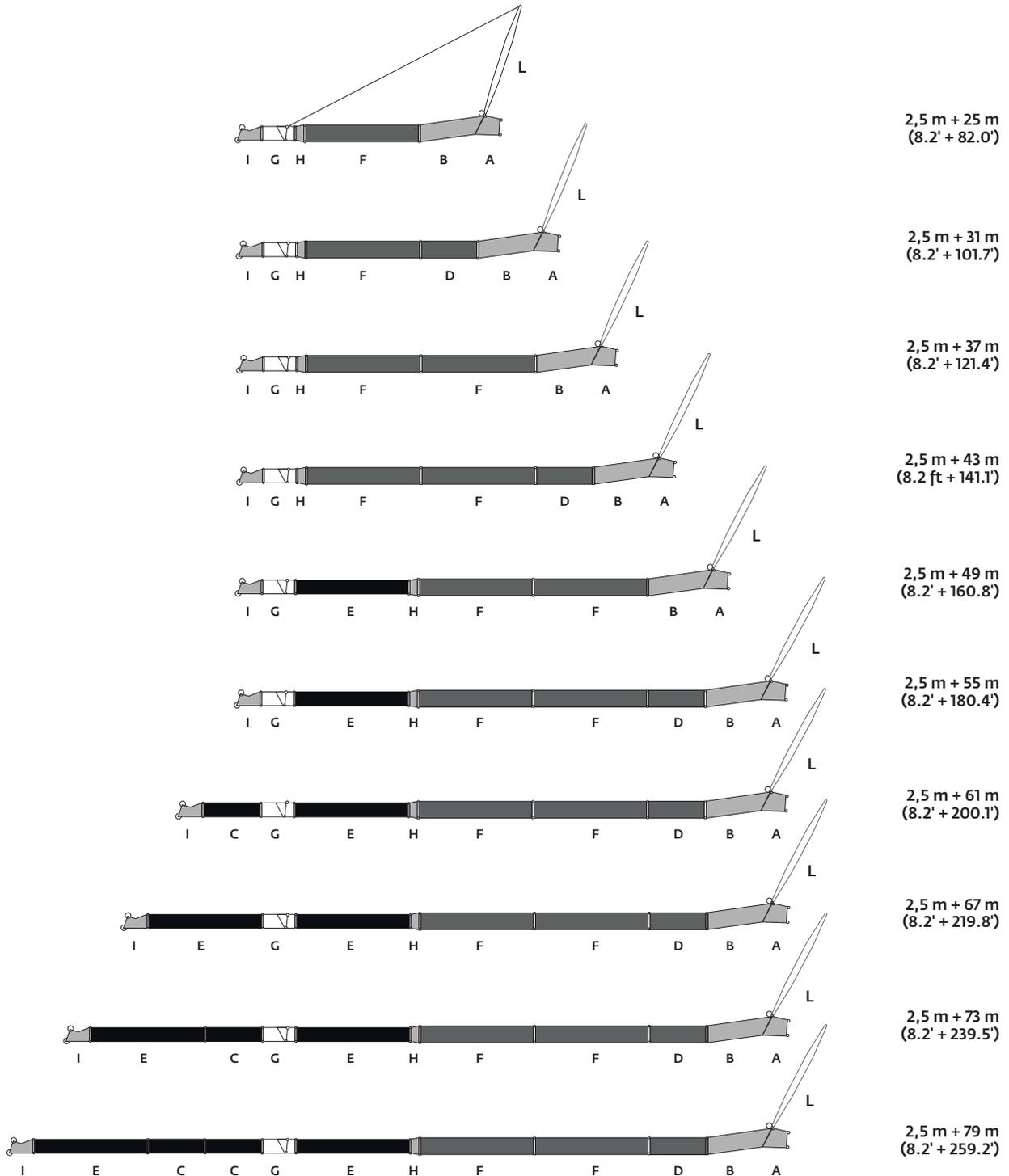
| | L x W x H | Weight |
|---|---|--------------------|
| A | 2,8 x 2,5 x 2,3 m 9.18 x 8.2 x 7.5 ft | 2000 kg 4409 lb |
| B | 6,0 x 2,1 x 2,5 m 19.7 x 6.9 x 8.2 ft | 1800 kg 3968 lb |
| C | 6,2 x 1,7 x 1,5 m 20.3 x 5.6 x 4.9 ft | 750 kg 1653 lb |
| D | 6,2 x 1,9 x 1,9 m 20.3 x 6.2 x 6.2 ft | 1000 kg 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 |



Dimensions

Luffing jib

Luffing jib dimensions

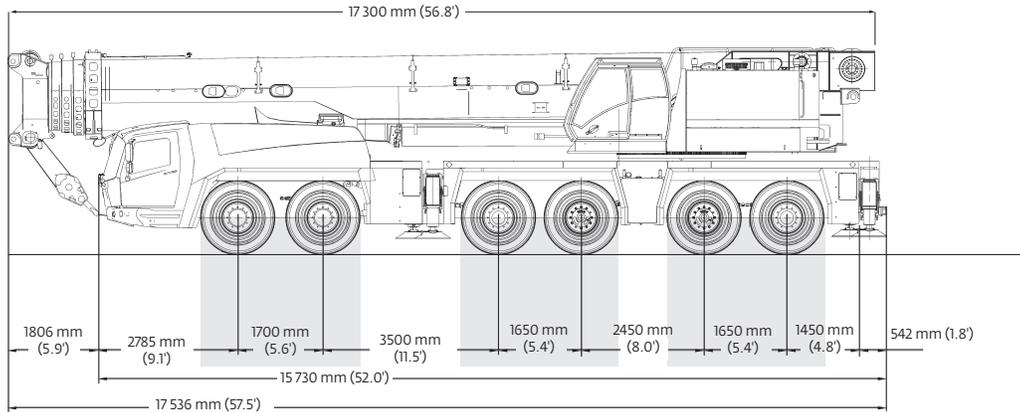


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Grove GMK6400 The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Transport proposals

Boom over front



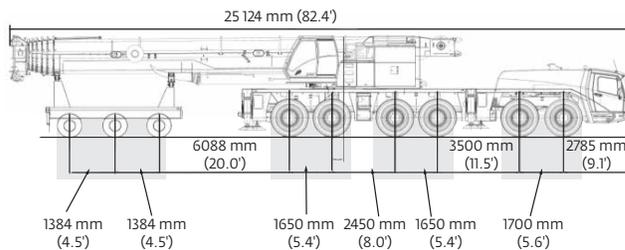
| | Axles 1-2 | Axles 3-6 | Total GVW |
|---|-----------------------|------------------------|------------------------|
| Boom over front, rear outrigger box removed | 26 488 kg (58,396 lb) | 42 434 kg (93,550 lb) | 68 922 kg (151,946 lb) |
| Boom over front, rear outrigger box installed | 23 436 kg (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



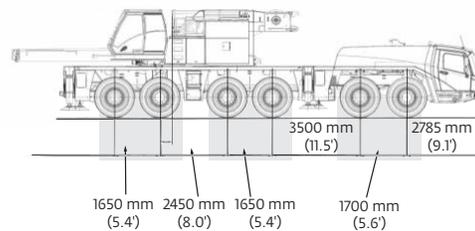
| | Axles 1-2 | Axles 3-6 | Dolly | Total GVW |
|---|-----------------------|-----------------------|-----------------------|------------------------|
| Boom in dolly over rear, rear outrigger box removed | 14 145 kg (31,185 lb) | 36 652 kg (80,803 lb) | 22 013 kg (48 530 lb) | 72 811 kg (160,517 lb) |
| 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



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

Unit equipped with:

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

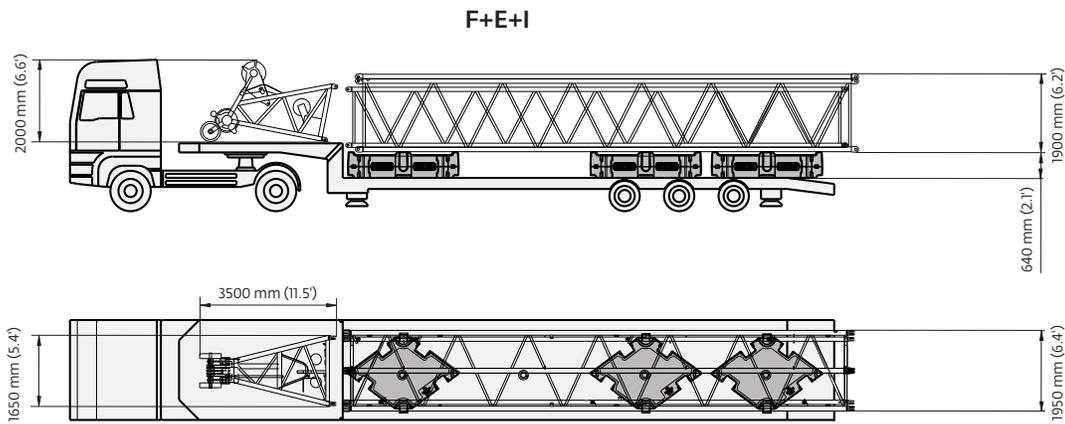
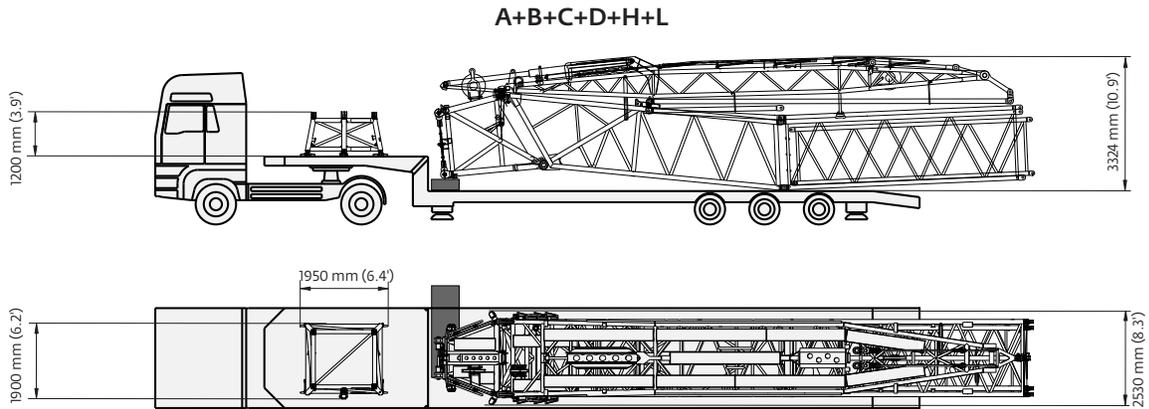
Allow 3% variation in weight due to manufacturing tolerances

Weight information

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

Transport proposals

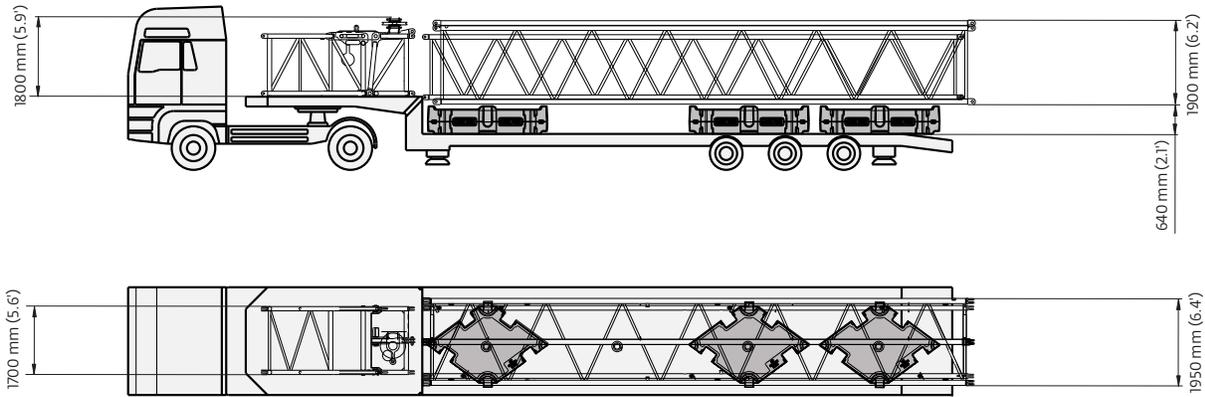
Transport proposal



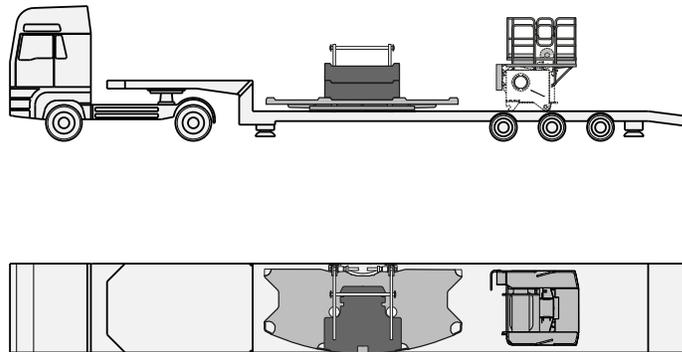
Transport proposals

Transport proposal

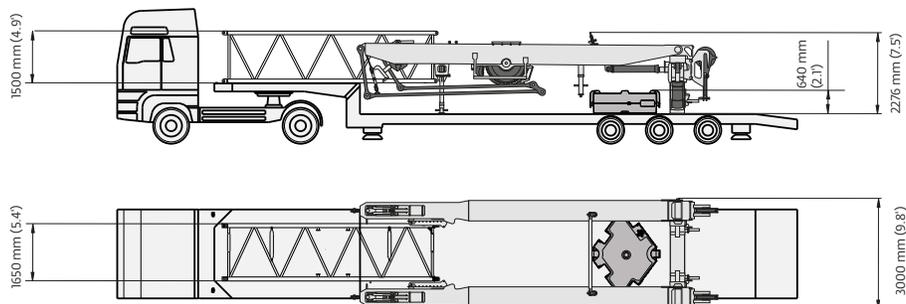
F+E+G



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



MegaWingLift™ + C



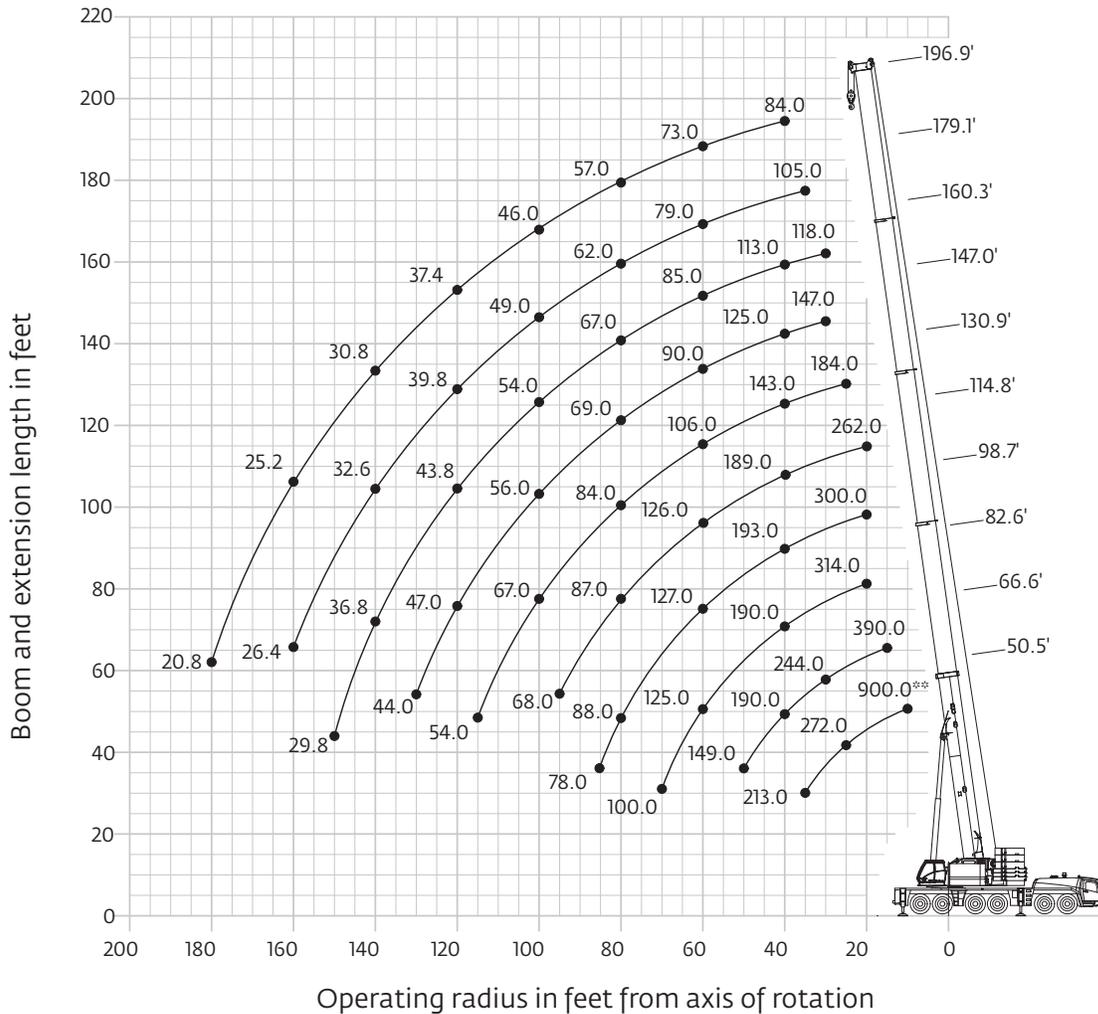
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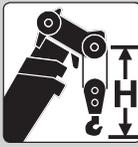
Working range

Main boom

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



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

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

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE 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 | 61.00 | 75 |
| 80 | | | | | 88.00 | 87.00 | 70.00 | 84.00 | 58.00 | 69.00 | 67.00 | 62.00 | 59.00 | 57.00 | 57.00 | 80 |
| 85 | | | | | 78.00 | 81.00 | 65.00 | 80.00 | 54.00 | 65.00 | 63.00 | 58.00 | 55.00 | 54.00 | 54.00 | 85 |
| 90 | | | | | | 75.00 | 60.00 | 76.00 | 52.00 | 62.00 | 60.00 | 55.00 | 52.00 | 51.00 | 51.00 | 90 |
| 95 | | | | | | 68.00 | 56.00 | 71.00 | 49.00 | 59.00 | 57.00 | 52.00 | 50.00 | 48.00 | 48.00 | 95 |
| 100 | | | | | | | 53.00 | 67.00 | 47.00 | 56.00 | 54.00 | 50.00 | 47.00 | 46.00 | 46.00 | 100 |
| 105 | | | | | | | 50.00 | 62.00 | 45.00 | 54.00 | 51.00 | 47.00 | 44.00 | 43.40 | 43.40 | 105 |
| 110 | | | | | | | 48.00 | 57.00 | 42.40 | 51.00 | 48.00 | 45.00 | 42.20 | 41.20 | 41.20 | 110 |
| 115 | | | | | | | | 54.00 | 40.60 | 49.00 | 46.00 | 43.20 | 40.20 | 39.20 | 39.20 | 115 |
| 120 | | | | | | | | | 39.00 | 47.00 | 43.80 | 41.40 | 38.40 | 37.40 | 37.40 | 120 |
| 125 | | | | | | | | | | 46.00 | 41.80 | 39.60 | 36.60 | 35.80 | 35.80 | 125 |
| 130 | | | | | | | | | | 44.00 | 39.80 | 37.80 | 34.80 | 34.00 | 34.00 | 130 |
| 135 | | | | | | | | | | | 38.20 | 36.20 | 33.20 | 32.40 | 32.40 | 135 |
| 140 | | | | | | | | | | | | 36.80 | 34.20 | 31.60 | 30.80 | 140 |
| 145 | | | | | | | | | | | | | 35.20 | 30.20 | 29.40 | 145 |
| 150 | | | | | | | | | | | | | | 29.80 | 28.00 | 150 |
| 155 | | | | | | | | | | | | | | | 30.80 | 155 |
| 160 | | | | | | | | | | | | | | | 29.40 | 160 |
| 165 | | | | | | | | | | | | | | | | 165 |
| 170 | | | | | | | | | | | | | | | | 170 |
| 175 | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | | | | | | | | | | | | 180 |

*Over rear
**Over rear with special equipment

For complete charts, refer to the GMK6400 product page on the Manitowoc cranes website (www.manitowoccranes.com).

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 | 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 | 130 | |
| 135 | | | | | | | | | | | | 38.20 | 36.20 | 33.20 | 135 | |
| 140 | | | | | | | | | | | | 36.80 | 34.60 | 31.60 | 140 | |
| 145 | | | | | | | | | | | | 34.80 | 33.20 | 30.20 | 145 | |
| 150 | | | | | | | | | | | | 29.80 | 32.00 | 28.80 | 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.

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



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



95 000 kg
(209,400 lb)



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



360°



Pounds x 1000

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

Load chart

Main boom



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



75 000 kg
(165,300 lb)



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



360°




Pounds x 1000

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

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



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



55 000 kg
(121,200 lb)



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



360°



Pounds x 1000

| Feet | 50.5 | 66.6 | 82.6 | 87.3 | 98.7 | 114.8 | 123.9 | 130.9 | 139.9 | 147.0 | 163.0 | 179.1 | 192.4 | 196.9 | Feet |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| 10 | 476.00 | | | | | | | | | | | | | | 10 |
| 15 | 376.00 | 378.00 | | | | | | | | | | | | | 15 |
| 20 | 308.00 | 308.00 | 310.00 | 256.00 | 300.00 | 262.00 | | | | | | | | | 20 |
| 25 | 246.00 | 248.00 | 248.00 | 226.00 | 244.00 | 226.00 | | 177.00 | 184.00 | | | | | | 25 |
| 30 | 194.00 | 199.00 | 201.00 | 191.00 | 191.00 | 179.00 | 166.00 | 161.00 | 168.00 | 147.00 | 126.00 | | | | 30 |
| 35 | 159.00 | 164.00 | 165.00 | 154.00 | 157.00 | 147.00 | 137.00 | 144.00 | 144.00 | 133.00 | 120.00 | 105.00 | | | 35 |
| 40 | | 134.00 | 137.00 | 128.00 | 131.00 | 130.00 | 122.00 | 122.00 | 122.00 | 118.00 | 113.00 | 102.00 | 88.00 | 84.00 | 40 |
| 45 | | 111.00 | 113.00 | 111.00 | 112.00 | 112.00 | 104.00 | 105.00 | 105.00 | 102.00 | 99.00 | 95.00 | 88.00 | 84.00 | 45 |
| 50 | | 93.00 | 95.00 | 98.00 | 99.00 | 97.00 | 91.00 | 95.00 | 94.00 | 91.00 | 87.00 | 85.00 | 81.00 | 80.00 | 50 |
| 55 | | | 81.00 | 84.00 | 86.00 | 84.00 | 80.00 | 84.00 | 84.00 | 80.00 | 79.00 | 75.00 | 72.00 | 71.00 | 55 |
| 60 | | | 72.00 | 73.00 | 74.00 | 73.00 | 69.00 | 74.00 | 74.00 | 72.00 | 70.00 | 67.00 | 64.00 | 63.00 | 60 |
| 65 | | | 63.00 | 64.00 | 65.00 | 64.00 | 63.00 | 65.00 | 65.00 | 64.00 | 63.00 | 60.00 | 57.00 | 56.00 | 65 |
| 70 | | | 56.00 | 57.00 | 58.00 | 57.00 | 59.00 | 57.00 | 58.00 | 57.00 | 57.00 | 54.00 | 52.00 | 51.00 | 70 |
| 75 | | | | | 51.00 | 52.00 | 53.00 | 51.00 | 51.00 | 50.00 | 51.00 | 49.00 | 47.00 | 46.00 | 75 |
| 80 | | | | | 46.00 | 46.00 | 47.00 | 45.00 | 46.00 | 45.00 | 45.00 | 44.00 | 42.20 | 41.40 | 80 |
| 85 | | | | | 41.40 | 41.60 | 43.40 | 40.80 | 41.20 | 40.20 | 40.60 | 39.40 | 38.00 | 37.40 | 85 |
| 90 | | | | | | 37.60 | 38.40 | 36.80 | 37.20 | 36.20 | 36.40 | 35.40 | 33.80 | 33.40 | 90 |
| 95 | | | | | | | 34.00 | 34.80 | 33.20 | 33.60 | 32.60 | 32.80 | 31.80 | 30.20 | 95 |
| 100 | | | | | | | | 31.60 | 30.00 | 30.40 | 29.40 | 29.60 | 28.60 | 27.00 | 100 |
| 105 | | | | | | | | 28.60 | 27.20 | 27.60 | 26.40 | 26.80 | 25.80 | 24.20 | 105 |
| 110 | | | | | | | | 26.00 | 24.60 | 25.00 | 24.00 | 24.20 | 23.20 | 21.60 | 110 |
| 115 | | | | | | | | | 22.40 | 22.80 | 21.60 | 21.80 | 20.80 | 19.40 | 115 |
| 120 | | | | | | | | | | | 19.60 | 19.80 | 18.80 | 17.20 | 120 |
| 125 | | | | | | | | | | | 17.60 | 17.80 | 16.80 | 15.20 | 125 |
| 130 | | | | | | | | | | | 16.00 | 16.20 | 15.00 | 13.20 | 130 |
| 135 | | | | | | | | | | | | 14.60 | 13.40 | 12.00 | 135 |
| 140 | | | | | | | | | | | | | 13.20 | 10.40 | 140 |
| 145 | | | | | | | | | | | | | 10.20 | 10.60 | 145 |
| 150 | | | | | | | | | | | | | 9.00 | 9.40 | 150 |
| 155 | | | | | | | | | | | | | | 8.20 | 155 |
| 160 | | | | | | | | | | | | | | 7.20 | 160 |
| 165 | | | | | | | | | | | | | | | 165 |
| 170 | | | | | | | | | | | | | | | 170 |

Load chart

Main boom


15,4 m - 60 m
(51 ft - 197 ft)
 
45 000 kg
(99,200 lb)
 
8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)
 
360°



Pounds x 1000

| Feet | 50.5 | 66.6 | 82.6 | 87.3 | 98.7 | 114.8 | 123.9 | 130.9 | 139.9 | 147.0 | 163.0 | 179.1 | 192.4 | 196.9 | Feet | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-----|
| 10 | 470.00 | | | | | | | | | | | | | | 10 | | |
| 15 | 372.00 | 374.00 | | | | | | | | | | | | | 15 | | |
| 20 | 300.00 | 302.00 | 302.00 | 256.00 | 292.00 | 262.00 | | | | | | | | | 20 | | |
| 25 | 232.00 | 234.00 | 234.00 | 219.00 | 218.00 | 201.00 | | 184.00 | | | | | | | 25 | | |
| 30 | 183.00 | 188.00 | 181.00 | 169.00 | 170.00 | 159.00 | 152.00 | 154.00 | 124.00 | 142.00 | 126.00 | | | | 30 | | |
| 35 | 138.00 | 146.00 | 147.00 | 137.00 | 139.00 | 136.00 | 128.00 | 128.00 | 113.00 | 123.00 | 118.00 | 105.00 | | | 35 | | |
| 40 | | 116.00 | 119.00 | 117.00 | 118.00 | 115.00 | 107.00 | 111.00 | 103.00 | 106.00 | 102.00 | 98.00 | 88.00 | 84.00 | 40 | | |
| 45 | | 95.00 | 99.00 | 100.00 | 102.00 | 98.00 | 92.00 | 96.00 | 95.00 | 91.00 | 89.00 | 85.00 | 81.00 | 79.00 | 45 | | |
| 50 | | 79.00 | 83.00 | 84.00 | 86.00 | 85.00 | 83.00 | 84.00 | 83.00 | 80.00 | 78.00 | 74.00 | 71.00 | 69.00 | 50 | | |
| 55 | | | 71.00 | 72.00 | 73.00 | 74.00 | 75.00 | 73.00 | 73.00 | 70.00 | 69.00 | 66.00 | 62.00 | 61.00 | 55 | | |
| 60 | | | 61.00 | 62.00 | 64.00 | 64.00 | 65.00 | 63.00 | 64.00 | 62.00 | 61.00 | 58.00 | 55.00 | 54.00 | 60 | | |
| 65 | | | 53.00 | 54.00 | 55.00 | 56.00 | 57.00 | 55.00 | 56.00 | 54.00 | 55.00 | 52.00 | 49.00 | 48.00 | 65 | | |
| 70 | | | 47.00 | 47.00 | 49.00 | 49.00 | 50.00 | 49.00 | 50.00 | 48.00 | 48.00 | 47.00 | 44.00 | 43.20 | 70 | | |
| 75 | | | | | 43.20 | 43.40 | 44.00 | 43.00 | 43.80 | 42.00 | 42.40 | 41.20 | 39.40 | 38.60 | 75 | | |
| 80 | | | | | 38.40 | 38.60 | 39.40 | 38.20 | 39.00 | 37.20 | 37.60 | 36.40 | 35.00 | 34.40 | 80 | | |
| 85 | | | | | 34.20 | 34.40 | 35.20 | 34.00 | 34.80 | 33.00 | 33.40 | 32.20 | 30.80 | 30.20 | 85 | | |
| 90 | | | | | 30.80 | 31.60 | 30.40 | 31.20 | 29.40 | 29.60 | 28.60 | 27.20 | 26.60 | 26.00 | 90 | | |
| 95 | | | | | 27.60 | 28.40 | 27.20 | 28.00 | 26.20 | 26.40 | 25.40 | 23.80 | 23.40 | 23.40 | 95 | | |
| 100 | | | | | | 25.40 | 24.40 | 25.00 | 23.40 | 23.60 | 22.60 | 21.00 | 20.60 | 20.60 | 100 | | |
| 105 | | | | | | 23.00 | 21.80 | 22.60 | 20.80 | 21.00 | 20.00 | 18.40 | 18.00 | 18.00 | 105 | | |
| 110 | | | | | | 20.60 | 19.60 | 20.20 | 18.60 | 18.80 | 17.80 | 16.20 | 15.80 | 15.80 | 110 | | |
| 115 | | | | | | | 17.60 | 18.20 | 16.40 | 16.80 | 15.60 | 14.20 | 13.80 | 13.80 | 115 | | |
| 120 | | | | | | | | 16.40 | 14.60 | 14.80 | 13.80 | 12.40 | 11.80 | 11.80 | 120 | | |
| 125 | | | | | | | | | 13.00 | 13.20 | 12.20 | 10.60 | 10.20 | 10.20 | 125 | | |
| 130 | | | | | | | | | 11.40 | 11.60 | 10.60 | 9.00 | 8.60 | 8.60 | 130 | | |
| 135 | | | | | | | | | | 10.20 | 9.20 | 7.60 | 7.20 | 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 | 4.60 | 155 | |
| 160 | | | | | | | | | | | | | | | 3.60 | 160 | |


15,4 m - 60 m
(51 ft - 197 ft)
 
35 000 kg
(77,100 lb)
 
8,7 m x 8,5 m
(28.5 ft x 27.8 ft)
(100%)
 
360°



Pounds x 1000

| Feet | 50.5 | 66.6 | 82.6 | 87.3 | 98.7 | 114.8 | 123.9 | 130.9 | 139.9 | 147.0 | 163.0 | 179.1 | 192.4 | 196.9 | Feet |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|------|
| 10 | 466.00 | | | | | | | | | | | | | | 10 |
| 15 | 368.00 | 370.00 | | | | | | | | | | | | | 15 |
| 20 | 288.00 | 292.00 | 276.00 | 256.00 | 256.00 | 232.00 | 157.00 | | | | | | | | 20 |
| 25 | 217.00 | 216.00 | 204.00 | 190.00 | 189.00 | 175.00 | 138.00 | 168.00 | | | | | | | 25 |
| 30 | 153.00 | 161.00 | 157.00 | 152.00 | 148.00 | 137.00 | 134.00 | 135.00 | 124.00 | 130.00 | 122.00 | | | | 30 |
| 35 | 115.00 | 122.00 | 126.00 | 123.00 | 125.00 | 118.00 | 110.00 | 114.00 | 112.00 | 108.00 | 102.00 | 99.00 | | | 35 |
| 40 | | 96.00 | 101.00 | 102.00 | 104.00 | 100.00 | 99.00 | 96.00 | 95.00 | 91.00 | 86.00 | 84.00 | 79.00 | 78.00 | 40 |
| 45 | | 78.00 | 82.00 | 84.00 | 85.00 | 86.00 | 86.00 | 82.00 | 81.00 | 78.00 | 74.00 | 72.00 | 68.00 | 67.00 | 45 |
| 50 | | 65.00 | 69.00 | 70.00 | 71.00 | 72.00 | 73.00 | 71.00 | 71.00 | 68.00 | 64.00 | 63.00 | 59.00 | 58.00 | 50 |
| 55 | | | 58.00 | 59.00 | 60.00 | 61.00 | 62.00 | 60.00 | 61.00 | 59.00 | 56.00 | 55.00 | 52.00 | 51.00 | 55 |
| 60 | | | 49.00 | 50.00 | 52.00 | 52.00 | 53.00 | 52.00 | 53.00 | 51.00 | 49.00 | 48.00 | 45.00 | 44.00 | 60 |
| 65 | | | 42.40 | 43.40 | 45.00 | 45.00 | 46.00 | 45.00 | 46.00 | 43.80 | 42.20 | 42.60 | 39.60 | 38.80 | 65 |
| 70 | | | 36.80 | 37.80 | 39.00 | 39.40 | 40.20 | 39.00 | 39.80 | 38.00 | 36.40 | 37.20 | 35.00 | 34.20 | 70 |
| 75 | | | | | 34.20 | 34.40 | 35.40 | 34.00 | 34.80 | 33.00 | 31.40 | 32.20 | 30.80 | 30.20 | 75 |
| 80 | | | | | 30.00 | 30.20 | 31.20 | 29.80 | 30.60 | 28.80 | 27.40 | 28.20 | 26.60 | 26.20 | 80 |
| 85 | | | | | 26.40 | 26.60 | 27.40 | 26.20 | 27.00 | 25.20 | 23.80 | 24.40 | 23.00 | 22.40 | 85 |
| 90 | | | | | | 23.40 | 24.20 | 23.00 | 23.80 | 22.00 | 20.60 | 21.40 | 19.80 | 19.40 | 90 |
| 95 | | | | | | 20.60 | 21.40 | 20.40 | 21.00 | 19.20 | 17.80 | 18.60 | 17.00 | 16.60 | 95 |
| 100 | | | | | | | 19.00 | 17.80 | 18.60 | 16.80 | 15.40 | 16.00 | 14.60 | 14.20 | 100 |
| 105 | | | | | | | 16.80 | 15.60 | 16.40 | 14.60 | 13.20 | 13.80 | 12.40 | 12.00 | 105 |
| 110 | | | | | | | 14.80 | 13.80 | 14.40 | 12.60 | 11.20 | 12.00 | 10.40 | 10.00 | 110 |
| 115 | | | | | | | | 12.00 | 12.60 | 11.00 | 9.40 | 10.20 | 8.60 | 8.20 | 115 |
| 120 | | | | | | | | | 11.20 | 9.40 | 7.80 | 8.60 | 7.00 | 6.60 | 120 |
| 125 | | | | | | | | | | 7.80 | 6.40 | 7.00 | 5.60 | 5.20 | 125 |
| 130 | | | | | | | | | | | 5.20 | 5.80 | 4.20 | 3.80 | 130 |
| 135 | | | | | | | | | | | | 4.00 | 4.60 | 4.60 | 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






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

25 000 kg
(55,100 lb)

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

360°



Pounds x 1000

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






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

15 000 kg
(33,000 lb)

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

360°



Pounds x 1000

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

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 |

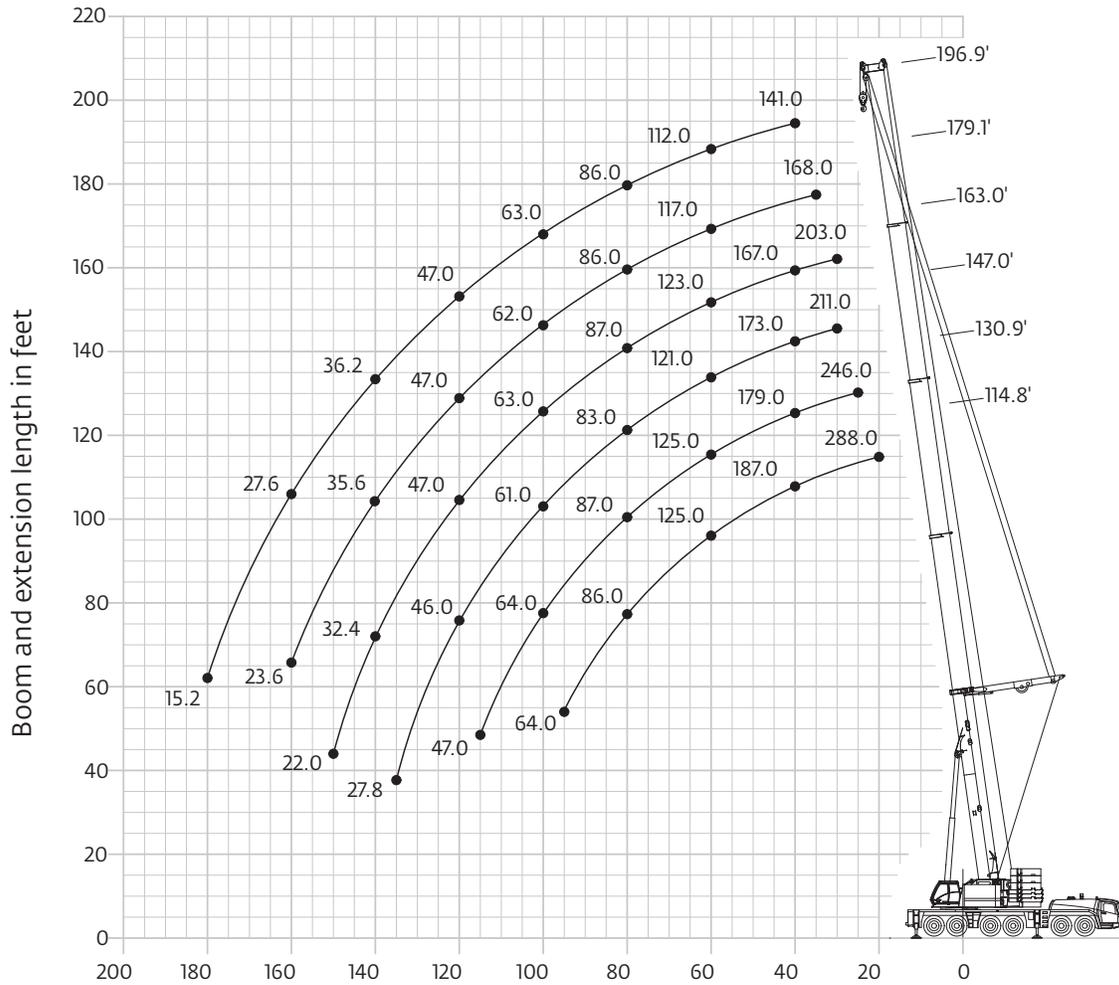
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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 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 |

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) | 115 000 kg (253,500 lb) | 8,7 m x 8,5 m (28.5 ft x 27.8 ft) (100%) | 360° |

| | | |
|---|---|---------------|
|  |  | Pounds x 1000 |
|---|---|---------------|

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

Load chart

Main boom and MegaWingLift™



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



95 000 kg
(209,400 lb)



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



360°



 **Pounds x 1000**

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

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)



75 000 kg
(165,300 lb)



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



360°



Pounds x 1000

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

Load chart

Main boom and MegaWingLift™


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


55 000 kg
(121,200 lb)


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


360°


Pounds x 1000


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


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


45 000 kg
(99,200 lb)


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


360°


Pounds x 1000


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

Load chart

Main boom and MegaWingLift™



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



35 000 kg
(77,100 lb)



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



360°



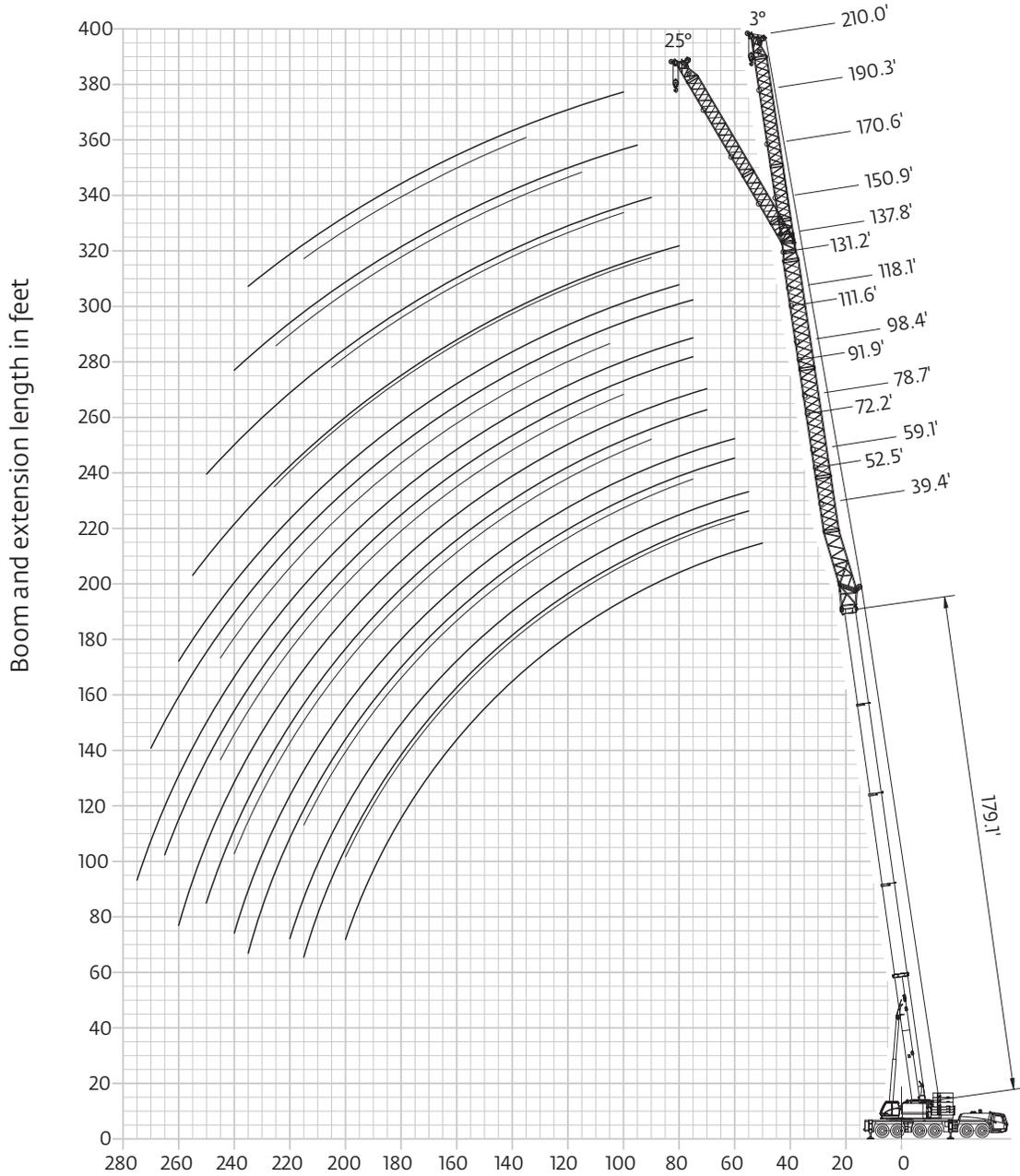
Pounds x 1000

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

Working range

Lattice extension

Main boom and lattice extension



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

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

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 | 220 |
| 225 | | | | | 8.20 | 8.20 | 8.40 | 7.20 | 6.60 | 5.40 | 225 |
| 230 | | | | | 7.60 | 7.80 | 7.80 | 6.60 | 6.00 | 5.20 | 230 |
| 235 | | | | | 6.60 | 7.20 | 7.40 | 6.20 | 5.60 | 5.00 | 235 |
| 240 | | | | | | 6.60 | 6.80 | 5.80 | 5.00 | 4.80 | 240 |
| 245 | | | | | | 6.00 | 6.40 | 5.20 | 4.60 | 4.40 | 245 |
| 250 | | | | | | | 5.60 | 5.80 | 4.80 | 4.00 | 250 |
| 255 | | | | | | | 3.80 | 5.40 | 4.20 | 3.60 | 255 |
| 260 | | | | | | | | 4.80 | 3.80 | | 260 |
| 265 | | | | | | | | 4.40 | | | 265 |
| 270 | | | | | | | | 4.00 | | | 270 |

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

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

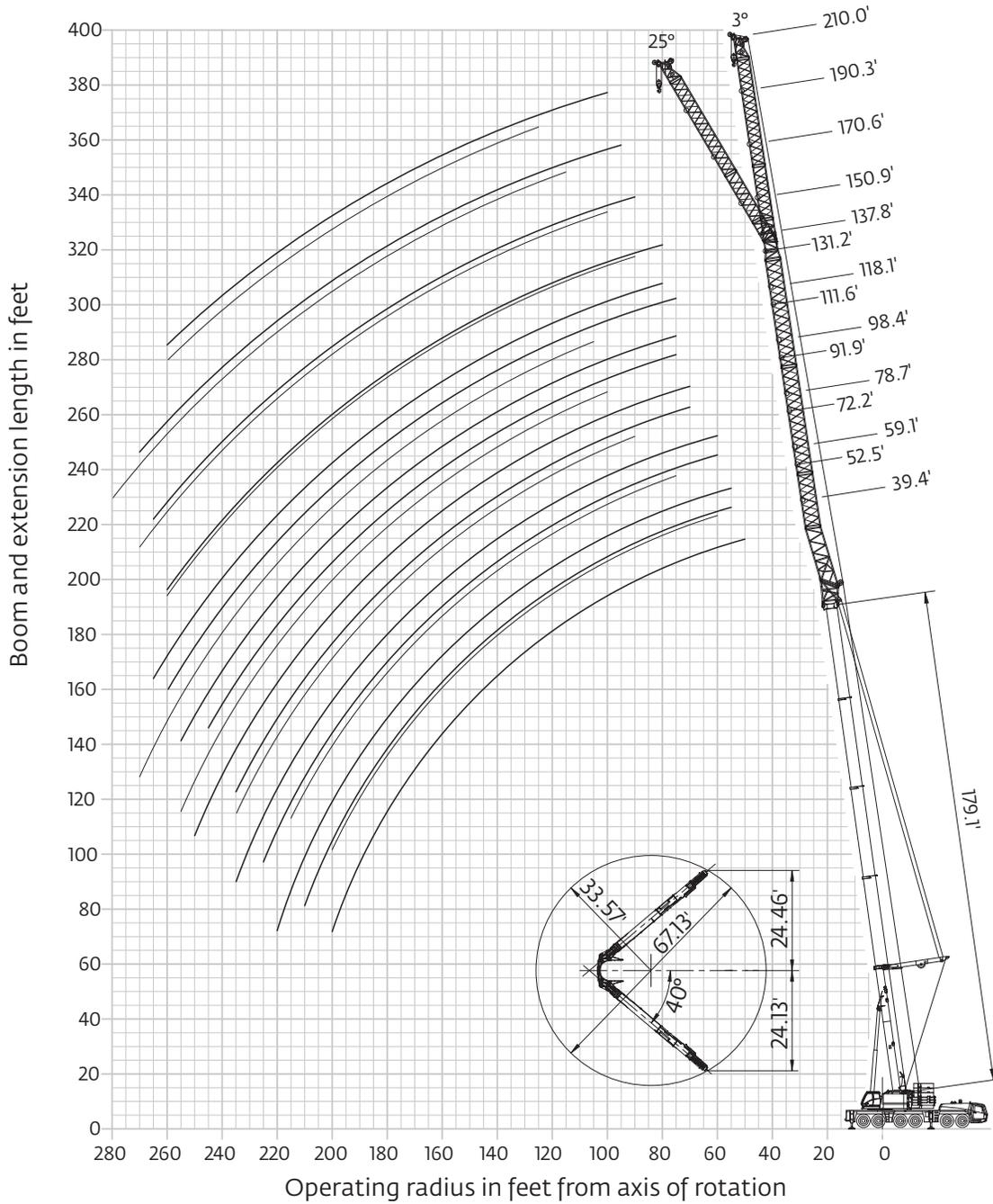
Lattice extension

| | |  |  |  |  |  | | | | |
|------|-------|---|---|---|---|---|-----------|-------|-------|------|
| | | 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 |

Working range

Lattice extension and MegaWingLift™

Main boom, lattice extension and MegaWingLift™



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) 80°  12 m - 64 m (39.4 ft - 210.0 ft) 3°  135 000 kg (297,600 lb)  8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%)  360° | | | | | | | | | | | |
|---|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|  Pounds x 1000  | | | | | | | | | | | |
| Feet | 39.4 | 52.5 | 72.2 | 91.9 | 111.6 | 131.2 | 150.9 | 170.6 | 190.3 | 210.0 | Feet |
| 45 | 127.00 | | | | | | | | | | 45 |
| 50 | 119.00 | 104.00 | | | | | | | | | 50 |
| 55 | 112.00 | 100.00 | 73.00 | | | | | | | | 55 |
| 60 | 106.00 | 96.00 | 70.00 | 53.00 | | | | | | | 60 |
| 65 | 99.00 | 91.00 | 68.00 | 51.00 | | | | | | | 65 |
| 70 | 93.00 | 86.00 | 65.00 | 49.00 | 39.80 | | | | | | 70 |
| 75 | 87.00 | 82.00 | 63.00 | 47.00 | 38.20 | 32.00 | 28.00 | | | | 75 |
| 80 | 82.00 | 78.00 | 61.00 | 45.00 | 36.80 | 30.80 | 26.20 | 22.80 | | | 80 |
| 85 | 77.00 | 73.00 | 59.00 | 43.80 | 35.60 | 29.60 | 25.00 | 21.60 | | | 85 |
| 90 | 70.00 | 69.00 | 57.00 | 42.40 | 34.20 | 28.20 | 24.00 | 20.60 | 18.20 | | 90 |
| 95 | 65.00 | 64.00 | 55.00 | 41.20 | 33.00 | 26.80 | 23.00 | 19.80 | 17.40 | 15.00 | 95 |
| 100 | 60.00 | 59.00 | 53.00 | 39.80 | 31.80 | 25.60 | 22.00 | 18.80 | 16.60 | 14.40 | 100 |
| 105 | 55.00 | 55.00 | 51.00 | 38.60 | 30.60 | 24.60 | 21.00 | 18.20 | 16.00 | 13.80 | 105 |
| 110 | 51.00 | 50.00 | 50.00 | 37.40 | 29.40 | 23.80 | 20.20 | 17.40 | 15.20 | 13.20 | 110 |
| 115 | 47.00 | 47.00 | 48.00 | 36.40 | 28.20 | 23.00 | 19.40 | 16.80 | 14.60 | 12.60 | 115 |
| 120 | 43.60 | 43.20 | 45.00 | 35.40 | 27.00 | 22.40 | 18.80 | 16.00 | 14.00 | 12.20 | 120 |
| 125 | 40.40 | 40.00 | 42.00 | 34.60 | 26.20 | 21.60 | 18.20 | 15.60 | 13.40 | 11.60 | 125 |
| 130 | 37.60 | 37.20 | 39.20 | 33.60 | 25.60 | 20.80 | 17.60 | 15.00 | 12.80 | 11.20 | 130 |
| 135 | 35.00 | 34.40 | 36.40 | 32.60 | 24.80 | 20.20 | 16.80 | 14.40 | 12.40 | 10.60 | 135 |
| 140 | 32.40 | 32.00 | 33.80 | 31.80 | 24.20 | 19.80 | 16.20 | 14.00 | 11.80 | 10.20 | 140 |
| 145 | 30.20 | 29.60 | 31.60 | 30.80 | 23.40 | 19.20 | 15.60 | 13.40 | 11.40 | 9.80 | 145 |
| 150 | 28.00 | 27.60 | 29.40 | 30.00 | 22.80 | 18.60 | 15.20 | 13.00 | 11.00 | 9.40 | 150 |
| 155 | 26.00 | 25.40 | 27.40 | 29.00 | 22.20 | 18.00 | 14.80 | 12.40 | 10.40 | 9.00 | 155 |
| 160 | 24.00 | 23.60 | 25.40 | 27.20 | 21.60 | 17.60 | 14.40 | 12.00 | 10.00 | 8.80 | 160 |
| 165 | 21.20 | 21.60 | 23.60 | 25.40 | 21.20 | 17.00 | 13.80 | 11.60 | 9.60 | 8.40 | 165 |
| 170 | 18.20 | 19.60 | 22.00 | 23.60 | 20.60 | 16.60 | 13.40 | 11.20 | 9.20 | 8.00 | 170 |
| 175 | 15.00 | 17.00 | 20.20 | 22.00 | 20.20 | 16.20 | 13.00 | 11.00 | 9.00 | 7.60 | 175 |
| 180 | 14.40 | 14.20 | 18.40 | 20.60 | 19.80 | 15.80 | 12.40 | 10.60 | 8.60 | 7.40 | 180 |
| 185 | 10.40 | 11.40 | 16.80 | 18.80 | 19.20 | 15.40 | 12.00 | 10.20 | 8.20 | 7.00 | 185 |
| 190 | 4.60 | 8.20 | 14.80 | 17.40 | 18.60 | 15.00 | 11.60 | 9.80 | 8.00 | 6.80 | 190 |
| 195 | | 7.60 | 12.60 | 16.00 | 17.20 | 14.60 | 11.20 | 9.40 | 7.60 | 6.60 | 195 |
| 200 | | | 10.20 | 14.60 | 15.80 | 14.20 | 11.00 | 9.00 | 7.40 | 6.20 | 200 |
| 205 | | | 7.80 | 13.00 | 14.40 | 14.00 | 10.60 | 8.80 | 7.00 | 6.00 | 205 |
| 210 | | | 7.80 | 11.20 | 13.20 | 13.60 | 10.20 | 8.40 | 6.80 | 5.60 | 210 |
| 215 | | | 4.40 | 9.20 | 12.00 | 13.20 | 9.80 | 8.20 | 6.60 | 5.40 | 215 |
| 220 | | | | 7.20 | 10.80 | 12.00 | 9.40 | 7.80 | 6.20 | 5.20 | 220 |
| 225 | | | | 4.80 | 9.20 | 11.00 | 9.00 | 7.40 | 6.00 | 5.00 | 225 |
| 230 | | | | 4.80 | 7.60 | 9.80 | 8.80 | 7.20 | 5.80 | 4.60 | 230 |
| 235 | | | | | 5.80 | 8.80 | 8.40 | 6.80 | 5.60 | 4.40 | 235 |
| 240 | | | | | 4.00 | 7.60 | 7.40 | 6.60 | 5.40 | 4.20 | 240 |
| 245 | | | | | 3.80 | 6.20 | 6.40 | 6.40 | 5.20 | 4.00 | 245 |
| 250 | | | | | | 4.80 | 5.60 | 6.20 | 4.80 | 3.80 | 250 |
| 255 | | | | | | | 4.60 | 5.60 | 4.60 | 3.60 | 255 |
| 260 | | | | | | | | 4.80 | 4.40 | | 260 |
| 265 | | | | | | | | 4.00 | 4.20 | | 265 |
| 270 | | | | | | | | | 4.00 | | 270 |

Load chart

Lattice extension and MegaWingLift™

| |  54,59 m (179.1 ft) 80° |  12 m - 64 m (39.4 ft - 210.0 ft) 3° |  135 000 kg (297,600 lb) |  8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%) |  360° | | | | | | |
|------|--|---|--|--|--|-------|-------|-------|-------|-------|------|
| |  Pounds x 1000 | | | | | | | | | | |
| Feet | 39.4 | 52.5 | 72.2 | 91.9 | 111.6 | 131.2 | 150.9 | 170.6 | 190.3 | 210.0 | Feet |
| 50 | 108.00 | | | | | | | | | | 50 |
| 55 | 102.00 | 93.00 | | | | | | | | | 55 |
| 60 | 96.00 | 88.00 | 69.00 | | | | | | | | 60 |
| 65 | 91.00 | 83.00 | 67.00 | | | | | | | | 65 |
| 70 | 85.00 | 79.00 | 64.00 | 48.00 | | | | | | | 70 |
| 75 | 81.00 | 74.00 | 62.00 | 46.00 | 37.80 | 31.40 | | | | | 75 |
| 80 | 77.00 | 70.00 | 61.00 | 45.00 | 36.40 | 30.40 | 25.40 | | | | 80 |
| 85 | 73.00 | 67.00 | 59.00 | 43.60 | 35.20 | 29.20 | 24.60 | | | | 85 |
| 90 | 69.00 | 64.00 | 57.00 | 42.20 | 34.00 | 28.20 | 23.60 | 20.40 | | | 90 |
| 95 | 66.00 | 61.00 | 55.00 | 40.80 | 33.00 | 27.20 | 22.60 | 19.60 | 17.20 | | 95 |
| 100 | 61.00 | 57.00 | 52.00 | 39.60 | 31.80 | 26.00 | 21.80 | 18.80 | 16.40 | 13.80 | 100 |
| 105 | 56.00 | 55.00 | 50.00 | 38.60 | 30.80 | 25.00 | 21.00 | 18.20 | 15.80 | 13.80 | 105 |
| 110 | 52.00 | 51.00 | 48.00 | 37.60 | 29.80 | 23.80 | 20.40 | 17.40 | 15.20 | 13.20 | 110 |
| 115 | 48.00 | 47.00 | 46.00 | 36.40 | 28.80 | 23.20 | 19.60 | 16.80 | 14.60 | 12.60 | 115 |
| 120 | 45.00 | 44.00 | 44.00 | 35.40 | 27.80 | 22.40 | 18.80 | 16.20 | 14.00 | 12.20 | 120 |
| 125 | 41.60 | 40.80 | 42.40 | 34.60 | 26.80 | 21.80 | 18.20 | 15.60 | 13.60 | 11.60 | 125 |
| 130 | 38.80 | 37.80 | 39.60 | 33.80 | 25.80 | 21.20 | 17.60 | 15.00 | 13.00 | 11.20 | 130 |
| 135 | 36.00 | 35.20 | 36.80 | 33.00 | 25.00 | 20.60 | 17.20 | 14.60 | 12.40 | 10.80 | 135 |
| 140 | 33.60 | 32.60 | 34.40 | 32.20 | 24.40 | 20.00 | 16.60 | 14.20 | 12.00 | 10.40 | 140 |
| 145 | 31.20 | 30.40 | 32.00 | 31.40 | 23.80 | 19.40 | 16.00 | 13.60 | 11.40 | 10.00 | 145 |
| 150 | 29.00 | 28.20 | 29.80 | 30.60 | 23.40 | 19.00 | 15.40 | 13.20 | 11.00 | 9.40 | 150 |
| 155 | 27.00 | 26.20 | 27.80 | 29.40 | 22.80 | 18.60 | 15.00 | 12.80 | 10.60 | 9.20 | 155 |
| 160 | 25.20 | 24.20 | 26.00 | 27.40 | 22.20 | 18.00 | 14.60 | 12.20 | 10.20 | 8.80 | 160 |
| 165 | 23.40 | 22.40 | 24.20 | 25.60 | 21.60 | 17.60 | 14.20 | 11.80 | 9.80 | 8.40 | 165 |
| 170 | 21.60 | 20.60 | 22.40 | 24.00 | 21.20 | 17.00 | 13.80 | 11.40 | 9.40 | 8.20 | 170 |
| 175 | 19.60 | 18.80 | 20.80 | 22.40 | 20.80 | 16.60 | 13.20 | 11.20 | 9.00 | 7.80 | 175 |
| 180 | 17.20 | 17.00 | 19.00 | 20.80 | 20.20 | 16.20 | 12.80 | 10.80 | 8.80 | 7.60 | 180 |
| 185 | 14.60 | 15.20 | 17.40 | 19.20 | 19.80 | 15.80 | 12.40 | 10.40 | 8.40 | 7.20 | 185 |
| 190 | 11.80 | 13.00 | 15.80 | 17.80 | 18.80 | 15.40 | 12.00 | 10.00 | 8.20 | 7.00 | 190 |
| 195 | 10.00 | 10.60 | 14.40 | 16.20 | 17.40 | 15.20 | 11.60 | 9.80 | 7.80 | 6.60 | 195 |
| 200 | 8.00 | 8.20 | 13.00 | 15.00 | 16.00 | 14.80 | 11.20 | 9.40 | 7.60 | 6.40 | 200 |
| 205 | | 6.80 | 11.20 | 13.60 | 14.60 | 14.40 | 11.00 | 9.00 | 7.40 | 6.20 | 205 |
| 210 | | 5.00 | 9.20 | 12.40 | 13.40 | 14.20 | 10.60 | 8.80 | 7.00 | 6.00 | 210 |
| 215 | | | 7.20 | 11.20 | 12.20 | 13.20 | 10.20 | 8.40 | 6.80 | 5.60 | 215 |
| 220 | | | 5.00 | 9.80 | 11.00 | 12.00 | 10.00 | 8.20 | 6.40 | 5.40 | 220 |
| 225 | | | 4.00 | 8.00 | 10.00 | 11.00 | 9.60 | 7.80 | 6.20 | 5.20 | 225 |
| 230 | | | | 6.40 | 9.00 | 10.00 | 9.20 | 7.60 | 6.00 | 5.00 | 230 |
| 235 | | | | 4.40 | 7.80 | 9.00 | 8.80 | 7.40 | 5.80 | 4.60 | 235 |
| 240 | | | | | 6.40 | 8.00 | 7.80 | 7.00 | 5.60 | 4.40 | 240 |
| 245 | | | | | 5.00 | 7.00 | 6.80 | 6.80 | 5.40 | 4.20 | 245 |
| 250 | | | | | | 6.20 | 6.00 | 6.40 | 5.20 | 4.00 | 250 |
| 255 | | | | | | 5.00 | 5.00 | 5.60 | 5.00 | 3.80 | 255 |
| 260 | | | | | | 3.80 | 4.20 | 4.80 | 4.80 | 3.60 | 260 |
| 265 | | | | | | | | 4.00 | 4.60 | | 265 |
| 270 | | | | | | | | | 3.80 | | 270 |

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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

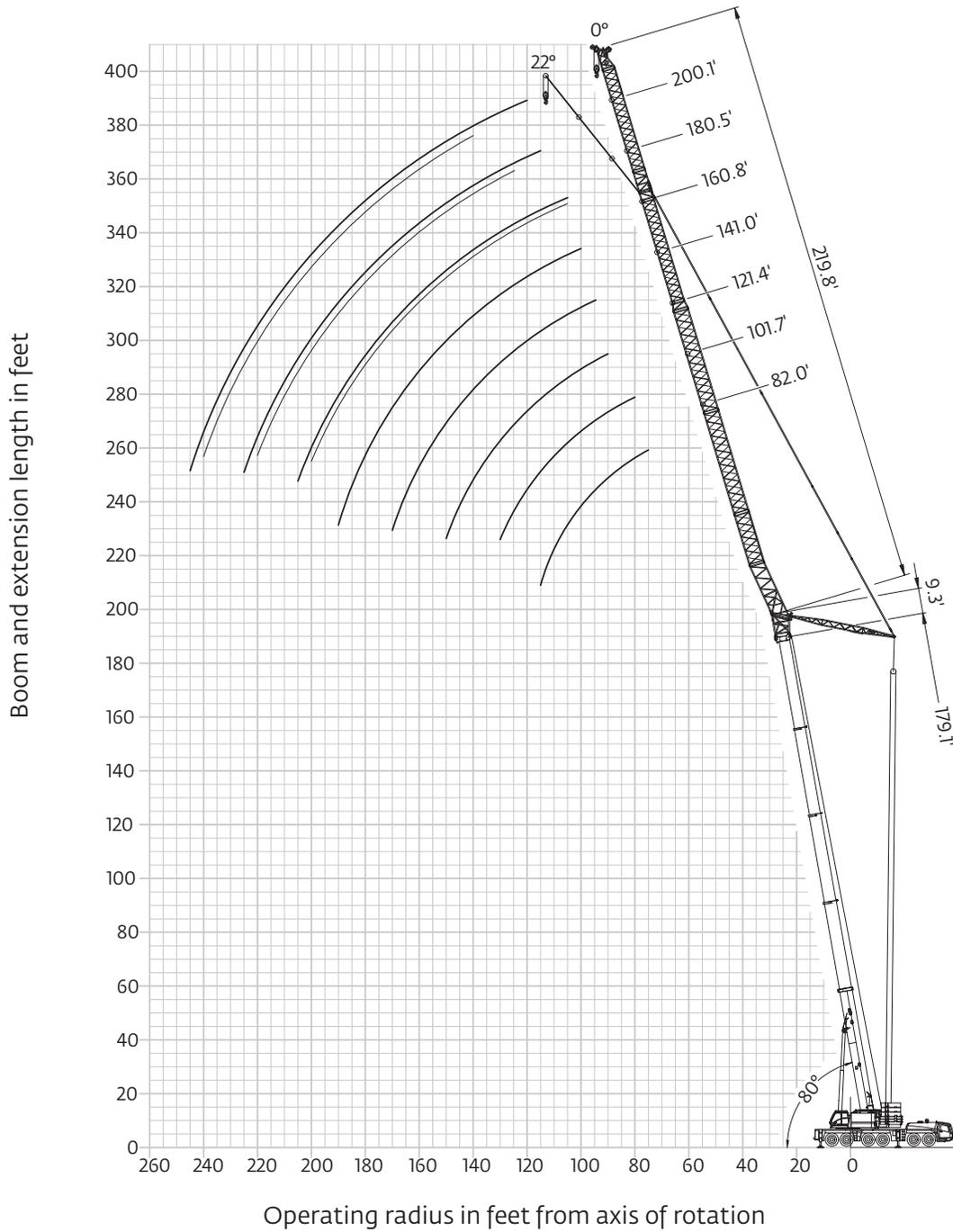
Lattice extension and MegaWingLift™

|      | | | | | | | | | | |
|--|-------|-------|-----------|-------|-------|-----------|-------|-------|-------|------|
| 60,00 m (196.9 ft) 80° 12 m - 30 m (39.4 ft - 98.4 ft) 3° 135 000 kg (297,600 lb) 8,7 m x 8,5 m (28.5 ft x 27.9 ft) (100%) 360° | | | | | | | | | | |
|   Pounds x 1000 | | | | | | | | | | |
| Feet | 39.4 | 52.5 | 52.5/ 25° | 59.1 | 72.2 | 72.2/ 25° | 78.7 | 91.9 | 98.4 | Feet |
| 55 | 94.00 | | | | | | | | | 55 |
| 60 | 89.00 | 78.00 | | 74.00 | | | | | | 60 |
| 65 | 85.00 | 74.00 | | 70.00 | | | | | | 65 |
| 70 | 81.00 | 71.00 | 65.00 | 67.00 | 60.00 | | 58.00 | | | 70 |
| 75 | 77.00 | 68.00 | 63.00 | 65.00 | 57.00 | | | 47.00 | 46.00 | 75 |
| 80 | 74.00 | 65.00 | 60.00 | 62.00 | 55.00 | 45.00 | 53.00 | 45.00 | 45.00 | 80 |
| 85 | 71.00 | 62.00 | 58.00 | 60.00 | 53.00 | 43.80 | 51.00 | 43.80 | 43.40 | 85 |
| 90 | 67.00 | 60.00 | 56.00 | 57.00 | 50.00 | 42.80 | 49.00 | 42.60 | 42.00 | 90 |
| 95 | 64.00 | 58.00 | 54.00 | 55.00 | 48.00 | 42.00 | 47.00 | 41.20 | 40.60 | 95 |
| 100 | 61.00 | 55.00 | 52.00 | 54.00 | 47.00 | 41.00 | 45.00 | 40.00 | 39.00 | 100 |
| 105 | 56.00 | 53.00 | 51.00 | 52.00 | 45.00 | 40.00 | 43.80 | 38.80 | 37.60 | 105 |
| 110 | 52.00 | 51.00 | 49.00 | 50.00 | 43.60 | 39.00 | 42.40 | 37.60 | 36.60 | 110 |
| 115 | 48.00 | 47.00 | 47.00 | 48.00 | 42.00 | 37.80 | 41.00 | 36.40 | 35.40 | 115 |
| 120 | 45.00 | 44.00 | 45.00 | 46.00 | 40.60 | 36.80 | 39.60 | 35.20 | 34.40 | 120 |
| 125 | 41.40 | 40.80 | 42.00 | 43.00 | 39.40 | 35.80 | 38.20 | 34.00 | 33.20 | 125 |
| 130 | 38.60 | 38.00 | 39.00 | 40.20 | 38.20 | 34.80 | 37.20 | 32.80 | 32.00 | 130 |
| 135 | 35.80 | 35.20 | 36.20 | 37.40 | 36.40 | 34.00 | 36.20 | 31.80 | 31.00 | 135 |
| 140 | 33.40 | 32.80 | 33.60 | 35.00 | 34.00 | 33.20 | 35.20 | 31.00 | 30.00 | 140 |
| 145 | 31.00 | 30.40 | 31.40 | 32.60 | 31.60 | 32.40 | 34.00 | 30.00 | 29.20 | 145 |
| 150 | 29.00 | 28.20 | 29.00 | 30.40 | 29.40 | 31.60 | 31.80 | 29.00 | 28.40 | 150 |
| 155 | 27.00 | 26.20 | 27.00 | 28.40 | 27.40 | 29.60 | 29.80 | 28.00 | 27.40 | 155 |
| 160 | 25.00 | 24.40 | 24.00 | 26.40 | 25.60 | 27.60 | 27.80 | 27.00 | 26.60 | 160 |
| 165 | 23.20 | 22.40 | 23.20 | 24.80 | 23.80 | 25.60 | 26.20 | 25.20 | 25.80 | 165 |
| 170 | 21.40 | 20.60 | 21.40 | 23.00 | 22.00 | 24.00 | 24.40 | 23.60 | 25.00 | 170 |
| 175 | 19.80 | 18.80 | 19.60 | 21.40 | 20.20 | 22.20 | 22.80 | 22.00 | 23.60 | 175 |
| 180 | 18.00 | 17.00 | 17.80 | 19.80 | 18.60 | 20.60 | 21.40 | 20.20 | 22.00 | 180 |
| 185 | 16.40 | 15.40 | 16.20 | 18.20 | 17.00 | 18.80 | 19.80 | 18.60 | 20.60 | 185 |
| 190 | 14.80 | 14.00 | 14.60 | 16.60 | 15.40 | 17.20 | 18.40 | 17.20 | 19.20 | 190 |
| 195 | 12.80 | 12.60 | 13.00 | 15.20 | 14.00 | 15.80 | 16.80 | 15.80 | 17.60 | 195 |
| 200 | 10.40 | 11.00 | 11.60 | 13.80 | 12.60 | 14.20 | 15.40 | 14.40 | 16.20 | 200 |
| 205 | 8.20 | 9.00 | 9.80 | 12.60 | 11.40 | 12.80 | 14.20 | 13.00 | 15.00 | 205 |
| 210 | 5.60 | 7.00 | 7.80 | 11.00 | 10.20 | 11.60 | 13.00 | 11.80 | 13.80 | 210 |
| 215 | 5.40 | 5.00 | 5.60 | 9.00 | 9.00 | 10.20 | 11.80 | 10.60 | 12.60 | 215 |
| 220 | | | | 7.00 | 7.40 | 9.00 | 10.60 | 9.40 | 11.40 | 220 |
| 225 | | | | 5.00 | 5.60 | 7.40 | 9.40 | 8.40 | 10.40 | 225 |
| 230 | | | | 5.00 | 3.80 | | 7.80 | 7.40 | 9.40 | 230 |
| 235 | | | | | | | 6.00 | 6.20 | 8.40 | 235 |
| 240 | | | | | | | 4.40 | 4.60 | 7.40 | 240 |
| 245 | | | | | | | | | 6.00 | 245 |
| 250 | | | | | | | | | 4.60 | 250 |

Working range

Luffing jib

Main boom and luffing jib - 80°



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

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

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



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

Load chart

Luffing jib


25,19 m
(82.6 ft)
80°


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


135 000 kg
(297,600 lb)


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


360°


Pounds x 1000


| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 219.8 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 | 100 |
| 105 | | 75.00 | 71.00 | 58.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 105 |
| 110 | | 64.00 | 70.00 | 58.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 110 |
| 115 | | | 67.00 | 58.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 115 |
| 120 | | | 63.00 | 58.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 120 |
| 125 | | | 60.00 | 58.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 125 |
| 130 | | | 51.00 | 57.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 130 |
| 135 | | | | 54.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 135 |
| 140 | | | | 48.00 | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 140 |
| 145 | | | | | 48.00 | 39.60 | 40.20 | 33.20 | 33.80 | 145 |
| 150 | | | | | | 48.00 | 39.60 | 40.20 | 33.20 | 150 |
| 155 | | | | | | 46.00 | 39.60 | 40.20 | 33.20 | 155 |
| 160 | | | | | | 43.80 | 39.60 | 40.20 | 33.20 | 160 |
| 165 | | | | | | | 39.60 | 40.20 | 33.20 | 165 |
| 170 | | | | | | | 39.60 | 39.80 | 33.20 | 170 |
| 175 | | | | | | | 38.20 | 38.20 | 33.20 | 175 |
| 180 | | | | | | | | 36.00 | 33.20 | 180 |
| 185 | | | | | | | | | 33.20 | 185 |
| 190 | | | | | | | | | 33.20 | 190 |
| 195 | | | | | | | | | 32.60 | 195 |
| 200 | | | | | | | | | 29.60 | 200 |
| 205 | | | | | | | | | | 205 |
| 210 | | | | | | | | | | 210 |
| 215 | | | | | | | | | | 215 |
| 220 | | | | | | | | | | 220 |
| 225 | | | | | | | | | | 225 |
| 230 | | | | | | | | | | 230 |
| 235 | | | | | | | | | | 235 |
| 240 | | | | | | | | | | 240 |

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Load chart

Luffing jib



34,99 m
(114.8 ft)
80°



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



135 000 kg
(297,600 lb)



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



360°



Pounds x 1000

| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° 22° | 200.1 0° 22° | 219.8 0° 22° | 239.5 0° 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 |

Load chart

Luffing jib



44,79 m
(147.0 ft)
80°



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



135 000 kg
(297,600 lb)



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



360°


Pounds x 1000


| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° 22° | 200.1 0° 22° | 219.8 0° 22° | 239.5 0° 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 | 115 | | | |
| 120 | | 37.00 | 34.00 | 28.40 | 23.00 | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 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 | | | | | 22.80 | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 160 |
| 165 | | | | | 22.40 | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 165 |
| 170 | | | | | 21.80 | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 170 |
| 175 | | | | | 21.40 | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 175 |
| 180 | | | | | | 18.40 | 18.80 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 180 |
| 185 | | | | | | 18.20 | 18.40 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 185 |
| 190 | | | | | | 17.80 | 18.00 | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 190 |
| 195 | | | | | | 17.40 | | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 195 |
| 200 | | | | | | | | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 200 |
| 205 | | | | | | | | 15.20 | 15.60 | 12.40 | 12.80 | 9.60 | 10.20 | 205 |
| 210 | | | | | | | | 15.00 | | 12.40 | 12.80 | 9.60 | 10.20 | 210 |
| 215 | | | | | | | | 14.60 | | 12.40 | 12.80 | 9.60 | 10.20 | 215 |
| 220 | | | | | | | | | | 12.40 | 12.80 | 9.60 | 10.20 | 220 |
| 225 | | | | | | | | | | 12.40 | 12.80 | 9.60 | 10.20 | 225 |
| 230 | | | | | | | | | | 12.40 | | 9.60 | 10.20 | 230 |
| 235 | | | | | | | | | | 12.40 | | 9.60 | 10.20 | 235 |
| 240 | | | | | | | | | | | | 9.60 | 10.20 | 240 |
| 245 | | | | | | | | | | | | 9.60 | 10.20 | 245 |
| 250 | | | | | | | | | | | | 9.60 | | 250 |
| 255 | | | | | | | | | | | | 9.60 | | 255 |

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Load chart

Luffing jib



54,59 m
(179.1 ft)
80°



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



135 000 kg
(297,600 lb)



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



360°



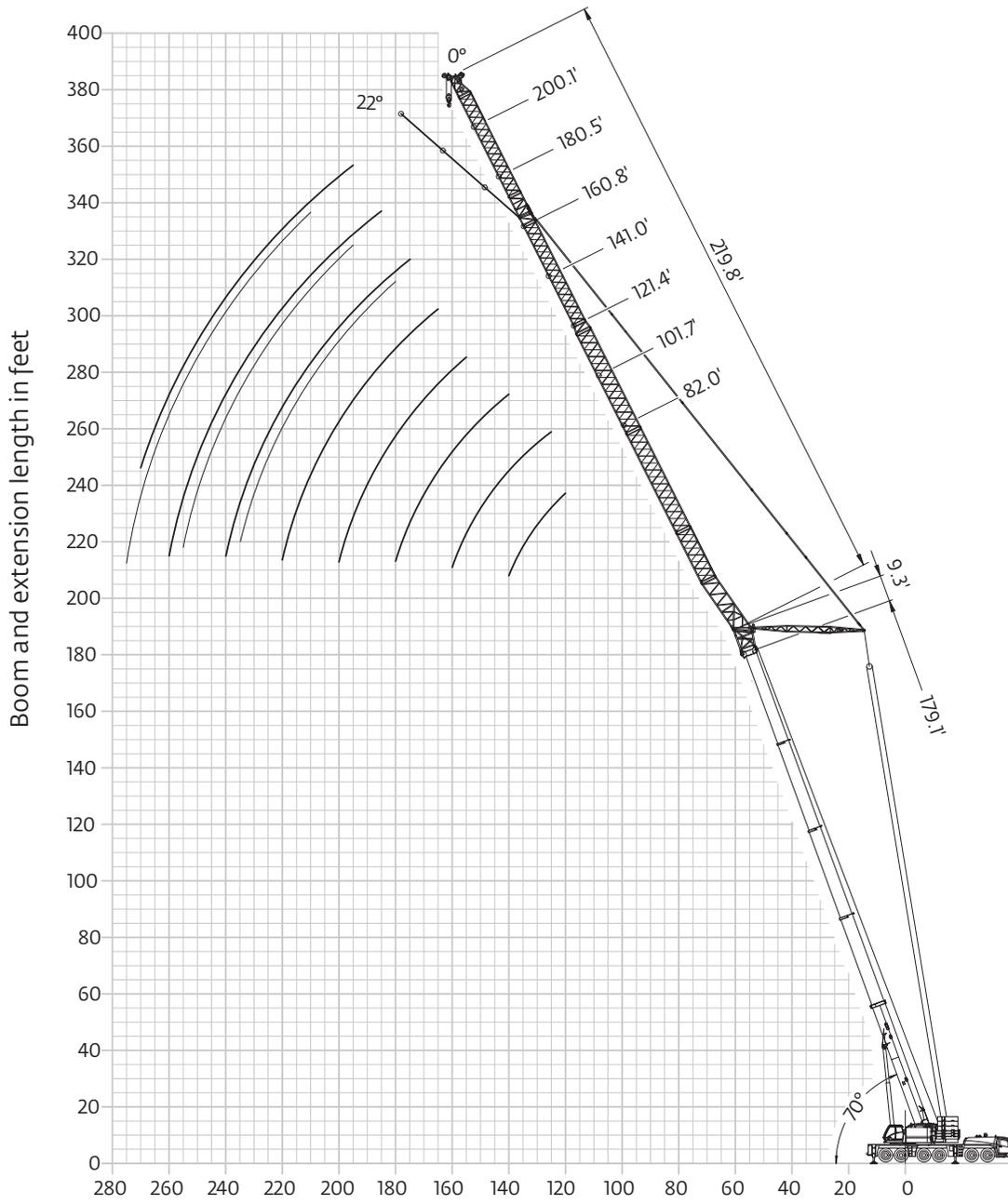
Pounds x 1000

| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 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 | 120 |
| 125 | | 25.00 | 21.20 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 125 |
| 130 | | 24.40 | 21.20 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 130 |
| 135 | | | 21.20 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 135 |
| 140 | | | 20.80 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 140 |
| 145 | | | 20.40 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 145 |
| 150 | | | 20.00 | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 150 |
| 155 | | | | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 155 |
| 160 | | | | 16.60 | 13.20 | 9.80 | 10.20 | 7.40 | 160 |
| 165 | | | | 16.40 | 13.20 | 9.80 | 10.20 | 7.40 | 165 |
| 170 | | | | 16.00 | 13.20 | 9.80 | 10.20 | 7.40 | 170 |
| 175 | | | | | 13.20 | 9.80 | 10.20 | 7.40 | 175 |
| 180 | | | | | 13.20 | 9.80 | 10.20 | 7.40 | 180 |
| 185 | | | | | 13.20 | 9.80 | 10.20 | 7.40 | 185 |
| 190 | | | | | 13.00 | 9.80 | 10.20 | 7.40 | 190 |
| 195 | | | | | | 9.80 | 10.20 | 7.40 | 195 |
| 200 | | | | | | 9.80 | 10.20 | 7.40 | 200 |
| 205 | | | | | | 9.80 | | 7.40 | 205 |
| 210 | | | | | | | | 7.40 | 210 |
| 215 | | | | | | | | 7.40 | 215 |
| 220 | | | | | | | | 7.40 | 220 |
| 225 | | | | | | | | 7.40 | 225 |
| 230 | | | | | | | | | 230 |
| 235 | | | | | | | | | 235 |
| 240 | | | | | | | | | 240 |
| 245 | | | | | | | | | 245 |

Working range

Luffing jib

Main boom and luffing jib - 70°



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

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Load chart

Luffing jib


54,59 m
(179.1 ft)
70°


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


135 000 kg
(297,600 lb)


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


360°



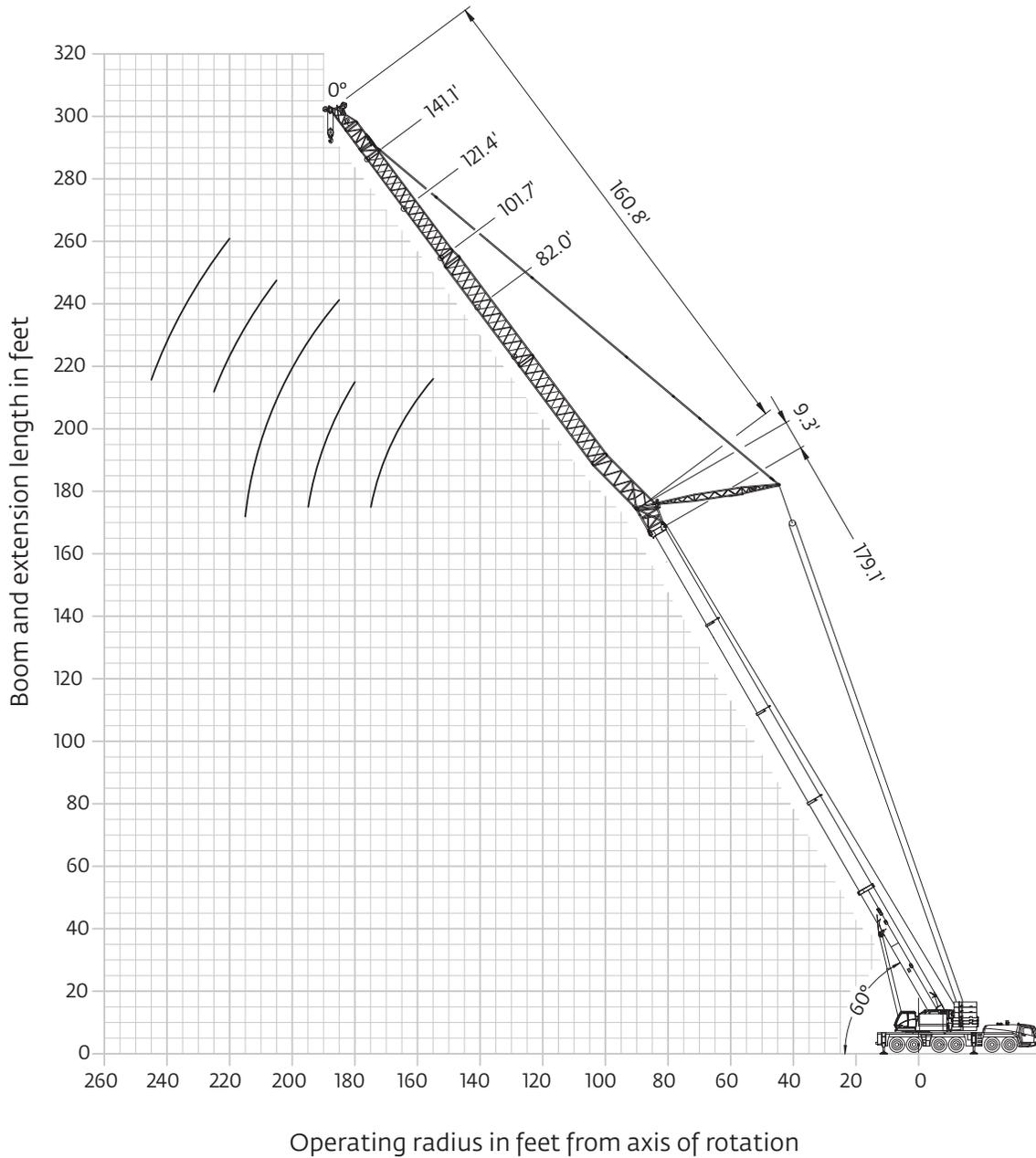
Pounds x 1000

| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 219.8 0° | 229.4 22° | Feet |
|------|------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|------|
| 120 | 25.80 | | | | | | | | | 120 |
| 125 | 25.00 | 21.80 | | | | | | | | 125 |
| 130 | 24.00 | 21.80 | | | | | | | | 130 |
| 135 | 23.20 | 21.20 | | | | | | | | 135 |
| 140 | 22.60 | 20.60 | 18.80 | | | | | | | 140 |
| 145 | | 20.00 | 18.20 | | | | | | | 145 |
| 150 | | 19.20 | 17.60 | | | | | | | 150 |
| 155 | | 18.60 | 17.20 | 15.20 | | | | | | 155 |
| 160 | | 18.00 | 16.60 | 14.80 | | | | | | 160 |
| 165 | | | 16.00 | 14.20 | 12.80 | | | | | 165 |
| 170 | | | 15.60 | 13.80 | 12.40 | | | | | 170 |
| 175 | | | 15.20 | 13.40 | 12.00 | 10.20 | | | | 175 |
| 180 | | | 14.60 | 13.00 | 11.80 | 9.80 | 10.00 | | | 180 |
| 185 | | | | 12.60 | 11.40 | 9.60 | 9.80 | 8.20 | | 185 |
| 190 | | | | 12.20 | 11.00 | 9.40 | 9.40 | 8.00 | | 190 |
| 195 | | | | 11.80 | 10.60 | 9.00 | 9.20 | 7.80 | 8.00 | 195 |
| 200 | | | | 11.40 | 10.40 | 8.80 | 8.80 | 7.60 | 7.80 | 200 |
| 205 | | | | | 10.00 | 8.40 | 8.60 | 7.20 | 7.60 | 205 |
| 210 | | | | | 9.60 | 8.20 | 8.20 | 7.00 | 7.40 | 210 |
| 215 | | | | | 9.40 | 7.80 | 8.00 | 6.80 | 7.00 | 215 |
| 220 | | | | | 9.00 | 7.60 | 7.60 | 6.60 | 6.80 | 220 |
| 225 | | | | | | 7.20 | 7.40 | 6.20 | 6.60 | 225 |
| 230 | | | | | | 7.00 | 7.20 | 6.00 | 6.20 | 230 |
| 235 | | | | | | 6.80 | 6.80 | 5.80 | 6.00 | 235 |
| 240 | | | | | | 6.40 | | 5.60 | 5.80 | 240 |
| 245 | | | | | | | | 5.40 | 5.60 | 245 |
| 250 | | | | | | | | 5.20 | 5.40 | 250 |
| 255 | | | | | | | | 4.80 | 5.20 | 255 |
| 260 | | | | | | | | 4.60 | | 260 |
| 265 | | | | | | | | | 3.80 | 265 |
| 270 | | | | | | | | | 3.60 | 270 |
| 275 | | | | | | | | | | 275 |

Working range

Luffing jib

Main boom and luffing jib - 60°



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

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

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



44,79 m
(147.0 ft)
60°



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



135 000 kg
(297,600 lb)



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



360°



 Pounds x 1000



| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° 22° | 200.1 0° 22° | 219.9 0° 22° | 239.5 0° 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 | 230 |
| 235 | | | | | | 9.00 | 9.00 | 8.00 | 8.40 | 235 |
| 240 | | | | | | 8.60 | 8.60 | 7.80 | 8.00 | 240 |
| 245 | | | | | | 8.20 | | 7.40 | 7.60 | 245 |
| 250 | | | | | | | 7.20 | 7.40 | 6.60 | 250 |
| 255 | | | | | | | 6.80 | 7.00 | 6.20 | 255 |
| 260 | | | | | | | 6.60 | 6.80 | 6.00 | 260 |
| 265 | | | | | | | 6.40 | 6.00 | 6.40 | 265 |
| 270 | | | | | | | | 5.80 | 6.00 | 270 |
| 275 | | | | | | | | 5.60 | 5.80 | 275 |
| 280 | | | | | | | | 5.20 | 5.40 | 280 |
| 285 | | | | | | | | 5.00 | 5.20 | 285 |
| 290 | | | | | | | | 4.80 | | 290 |
| 295 | | | | | | | | | 3.80 | 295 |
| 300 | | | | | | | | | 3.60 | 300 |



54,59 m
(179.1 ft)
60°



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



135 000 kg
(297,600 lb)



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



360°



 Pounds x 1000

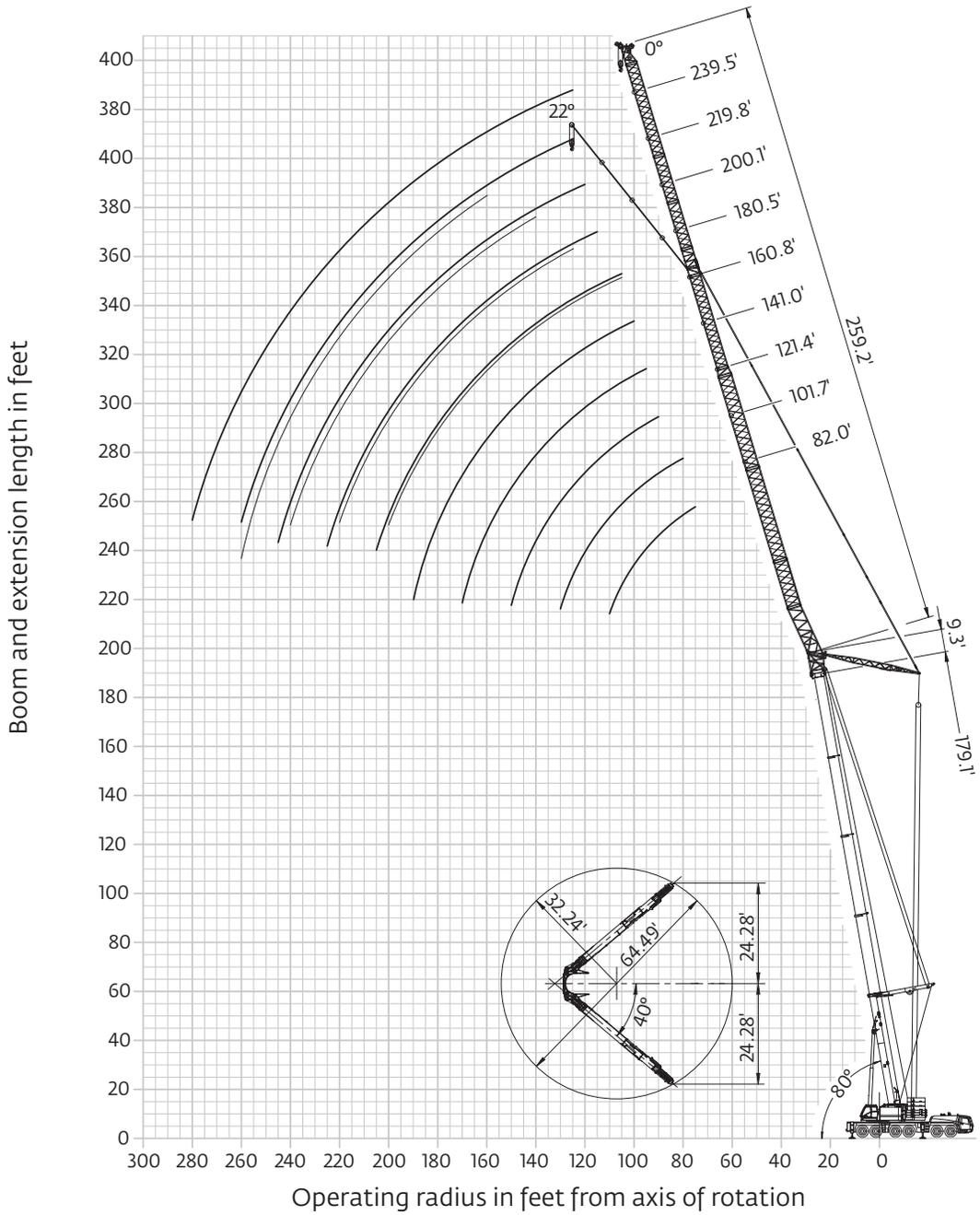


| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | Feet |
|------|------------|-------------|-------------|-------------|-------------|------|
| 155 | 15.60 | | | | | 155 |
| 160 | 15.40 | | | | | 160 |
| 165 | 14.80 | | | | | 165 |
| 170 | 14.20 | | | | | 170 |
| 175 | 13.80 | | | | | 175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

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.

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™


34,99 m
(114.8 ft)
80°


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


135 000 kg
(297,600 lb)


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

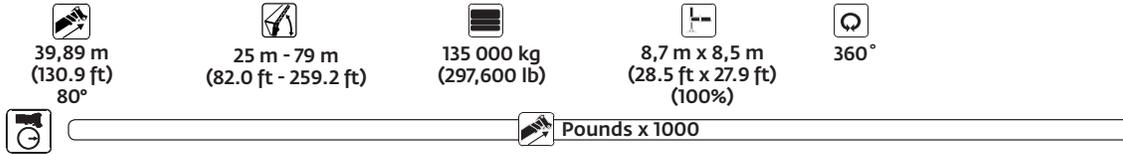

360°


Pounds x 1000


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

Load chart

Luffing jib with MegaWingLift™



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

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

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™



44,79 m
(147.0 ft)
80°



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



135,000 kg
(297,600 lb)



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



360°




Pounds x 1000

| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 219.8 0° | 239.5 22° | 259.2 0° | Feet |
|------|------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|------|
| 60 | 107.00 | | | | | | | | | | 60 |
| 65 | 100.00 | | | | | | | | | | 65 |
| 70 | 94.00 | 92.00 | | | | | | | | | 70 |
| 75 | 88.00 | 87.00 | 79.00 | | | | | | | | 75 |
| 80 | 83.00 | 82.00 | 79.00 | 64.00 | | | | | | | 80 |
| 85 | 79.00 | 77.00 | 76.00 | 64.00 | | | | | | | 85 |
| 90 | 75.00 | 73.00 | 72.00 | 64.00 | 53.00 | | | | | | 90 |
| 95 | 72.00 | 70.00 | 69.00 | 64.00 | 53.00 | 43.60 | | | | | 95 |
| 100 | 69.00 | 66.00 | 65.00 | 64.00 | 53.00 | 43.60 | 43.80 | 36.60 | | | 100 |
| 105 | | 63.00 | 62.00 | 61.00 | 53.00 | 43.60 | 43.80 | 36.60 | 30.40 | | 105 |
| 110 | | 61.00 | 59.00 | 58.00 | 53.00 | 43.60 | 43.80 | 36.60 | 30.40 | | 110 |
| 115 | | 59.00 | 57.00 | 55.00 | 53.00 | 43.60 | 43.80 | 36.60 | 37.00 | 30.40 | 115 |
| 120 | | 57.00 | 54.00 | 53.00 | 52.00 | 43.60 | 43.80 | 36.60 | 37.00 | 30.40 | 120 |
| 125 | | | 52.00 | 50.00 | 50.00 | 43.60 | 43.80 | 36.60 | 37.00 | 30.40 | 125 |
| 130 | | | 49.00 | 48.00 | 48.00 | 43.60 | 43.80 | 36.60 | 37.00 | 30.40 | 130 |
| 135 | | | 48.00 | 47.00 | 46.00 | 43.60 | 43.80 | 36.60 | 37.00 | 30.40 | 135 |
| 140 | | | | 45.00 | 44.00 | 42.40 | 42.40 | 36.60 | 37.00 | 30.40 | 140 |
| 145 | | | | 43.40 | 42.40 | 40.80 | 40.60 | 36.60 | 37.00 | 30.40 | 145 |
| 150 | | | | 42.00 | 40.80 | 39.20 | 39.00 | 36.60 | 37.00 | 30.40 | 150 |
| 155 | | | | 40.80 | 39.40 | 37.60 | 37.60 | 36.60 | 36.60 | 30.40 | 155 |
| 160 | | | | 39.80 | 38.20 | 36.20 | 36.20 | 35.40 | 35.20 | 30.40 | 160 |
| 165 | | | | | 37.00 | 35.00 | 35.00 | 34.20 | 34.00 | 30.40 | 165 |
| 170 | | | | | 35.80 | 33.80 | 33.80 | 32.80 | 32.80 | 30.40 | 170 |
| 175 | | | | | 35.00 | 32.60 | 32.60 | 31.80 | 31.60 | 30.00 | 175 |
| 180 | | | | | | 31.60 | 31.60 | 30.60 | 30.40 | 29.40 | 180 |
| 185 | | | | | | 30.80 | 30.60 | 29.60 | 29.40 | 28.80 | 185 |
| 190 | | | | | | 29.80 | 29.80 | 28.60 | 28.40 | 27.80 | 190 |
| 195 | | | | | | 29.20 | | 27.80 | 27.60 | 27.00 | 195 |
| 200 | | | | | | | | 27.00 | 26.80 | 26.00 | 200 |
| 205 | | | | | | | | 26.20 | 26.00 | 25.20 | 205 |
| 210 | | | | | | | | 25.60 | 25.00 | 24.40 | 210 |
| 215 | | | | | | | | 25.00 | 24.40 | 23.80 | 215 |
| 220 | | | | | | | | | 23.80 | 23.20 | 220 |
| 225 | | | | | | | | | 23.20 | 23.00 | 225 |
| 230 | | | | | | | | | 22.60 | 22.40 | 230 |
| 235 | | | | | | | | | 22.00 | 21.80 | 235 |
| 240 | | | | | | | | | 21.40 | 21.20 | 240 |
| 245 | | | | | | | | | 20.80 | 20.60 | 245 |
| 250 | | | | | | | | | 20.20 | 20.00 | 250 |
| 255 | | | | | | | | | 19.60 | 19.40 | 255 |
| 260 | | | | | | | | | 19.00 | 18.80 | 260 |
| 265 | | | | | | | | | 18.40 | 18.20 | 265 |
| 270 | | | | | | | | | 17.80 | 17.60 | 270 |
| 275 | | | | | | | | | 17.20 | 17.00 | 275 |

Load chart

Luffing jib with MegaWingLift™


49,69 m
(163.0 ft)
80°


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


135,000 kg
(297,600 lb)


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


360°


Pounds x 1000


| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 219.8 0° | 239.5 22° | 259.2 0° | Feet |
|------|------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|------|
| 70 | 89.00 | | | | | | | | | | 70 |
| 75 | 84.00 | 83.00 | | | | | | | | | 75 |
| 80 | 79.00 | 79.00 | 74.00 | | | | | | | | 80 |
| 85 | 75.00 | 74.00 | 73.00 | | | | | | | | 85 |
| 90 | 71.00 | 70.00 | 69.00 | 61.00 | | | | | | | 90 |
| 95 | 68.00 | 67.00 | 66.00 | 61.00 | 50.00 | | | | | | 95 |
| 100 | 65.00 | 64.00 | 63.00 | 61.00 | 50.00 | 41.40 | | | | | 100 |
| 105 | 62.00 | 61.00 | 60.00 | 58.00 | 50.00 | 41.40 | 42.00 | 35.00 | | | 105 |
| 110 | 61.00 | 58.00 | 57.00 | 55.00 | 50.00 | 41.40 | 42.00 | 35.00 | | | 110 |
| 115 | | 56.00 | 54.00 | 53.00 | 50.00 | 41.40 | 42.00 | 35.00 | 29.80 | | 115 |
| 120 | | 54.00 | 52.00 | 50.00 | 50.00 | 41.40 | 42.00 | 35.00 | 35.20 | 29.80 | 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 | 135 |
| 140 | | | 45.00 | 42.80 | 42.00 | 40.60 | 40.60 | 35.00 | 35.20 | 29.80 | 140 |
| 145 | | | | 41.20 | 40.40 | 39.00 | 38.80 | 35.00 | 35.20 | 29.80 | 145 |
| 150 | | | | 39.80 | 39.00 | 37.40 | 37.40 | 35.00 | 35.20 | 29.80 | 150 |
| 155 | | | | 38.60 | 37.60 | 36.00 | 35.80 | 35.00 | 35.00 | 29.80 | 155 |
| 160 | | | | 37.60 | 36.20 | 34.60 | 34.60 | 33.80 | 33.60 | 29.80 | 160 |
| 165 | | | | | 35.00 | 33.40 | 33.20 | 32.40 | 32.40 | 29.80 | 165 |
| 170 | | | | | 34.00 | 32.20 | 32.00 | 31.20 | 31.20 | 29.80 | 170 |
| 175 | | | | | 33.00 | 31.00 | 31.00 | 30.20 | 30.00 | 29.40 | 175 |
| 180 | | | | | 32.20 | 30.00 | 29.00 | 29.00 | 29.00 | 28.40 | 180 |
| 185 | | | | | | 30.00 | 28.20 | 28.00 | 28.00 | 27.40 | 185 |
| 190 | | | | | | 29.00 | 27.40 | 27.20 | 27.00 | 26.40 | 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 | 210 |
| 215 | | | | | | | 23.40 | 23.20 | 22.40 | 22.20 | 215 |
| 220 | | | | | | | | 22.80 | 21.60 | 21.60 | 220 |
| 225 | | | | | | | | | 21.00 | 21.00 | 225 |
| 230 | | | | | | | | | 20.60 | 20.40 | 230 |
| 235 | | | | | | | | | 20.00 | 19.80 | 235 |
| 240 | | | | | | | | | 19.60 | | 240 |
| 245 | | | | | | | | | | 17.60 | 245 |
| 250 | | | | | | | | | | 17.40 | 250 |
| 255 | | | | | | | | | | 16.00 | 255 |
| 260 | | | | | | | | | | 16.80 | 260 |
| 265 | | | | | | | | | | 16.40 | 265 |
| 270 | | | | | | | | | | | 270 |
| 275 | | | | | | | | | | | 275 |

Load chart

Luffing jib with MegaWingLift™


54,59 m
(179.1 ft)
80°


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


135 000 kg
(297,600 lb)


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


360°

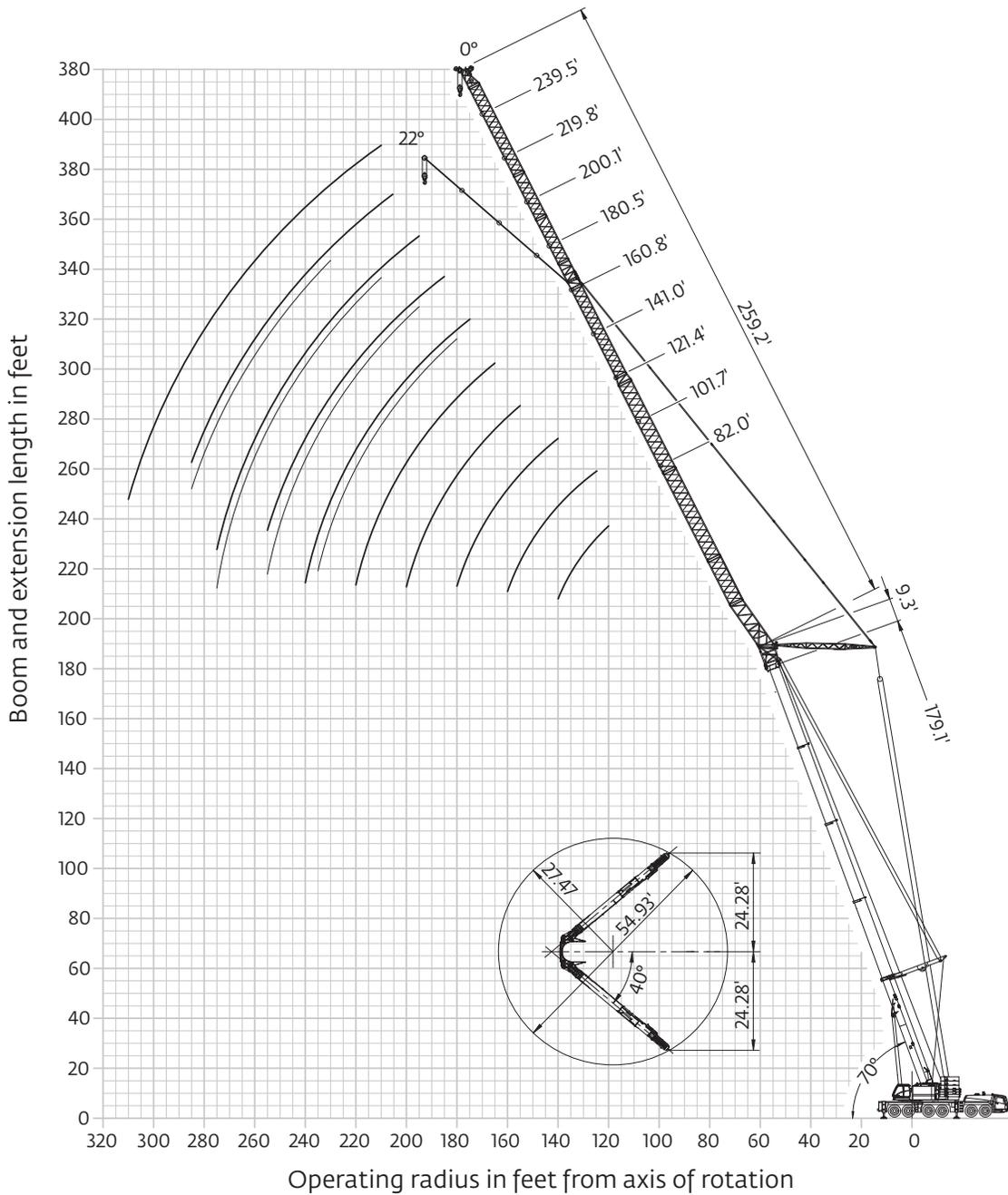

Pounds x 1000


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

Working range

Luffing jib with MegaWingLift™

Main boom, luffing jib and MegaWingLift™ - 70°



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

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

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™


54,59 m
(179.1 ft)
70°


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


135 000 kg
(297,600 lb)


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


360°



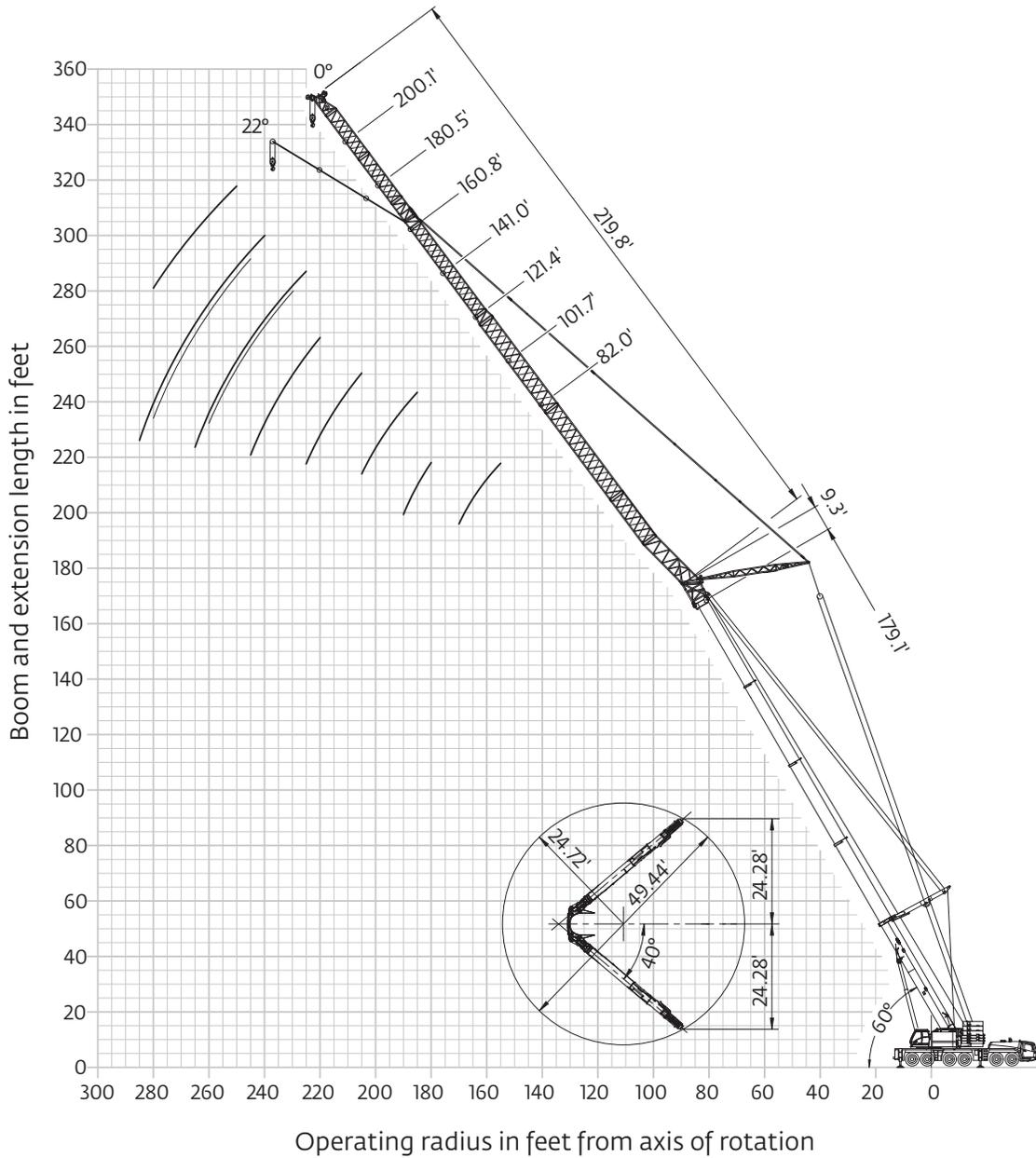
Pounds x 1000

| Feet | 82.0 0° | 101.7 0° | 121.4 0° | 141.1 0° | 160.8 0° | 180.5 0° | 200.1 22° | 219.8 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 | | 195 |
| 200 | | | | 21.80 | 21.00 | 20.00 | 20.00 | 19.20 | 19.20 | 19.20 | 200 |
| 205 | | | | | 20.20 | 19.20 | 19.20 | 18.40 | 18.40 | 18.40 | 205 |
| 210 | | | | | 19.40 | 18.40 | 18.40 | 17.60 | 17.60 | 17.60 | 210 |
| 215 | | | | | 18.60 | 17.60 | 17.60 | 16.80 | 16.80 | 16.80 | 215 |
| 220 | | | | | 17.80 | 17.00 | 17.00 | 16.20 | 16.20 | 16.20 | 220 |
| 225 | | | | | | 16.20 | 16.20 | 15.40 | 15.60 | 15.60 | 225 |
| 230 | | | | | | 15.60 | 15.60 | 14.80 | 14.80 | 14.80 | 230 |
| 235 | | | | | | 15.00 | 14.80 | 14.20 | 14.20 | 14.40 | 235 |
| 240 | | | | | | 14.20 | | 13.60 | 13.60 | 13.60 | 240 |
| 245 | | | | | | | 13.00 | 13.20 | 13.20 | 12.40 | 245 |
| 250 | | | | | | | 12.60 | 12.60 | 12.60 | 11.80 | 250 |
| 255 | | | | | | | 12.00 | 12.00 | 12.00 | 11.20 | 255 |
| 260 | | | | | | | | 11.60 | 11.60 | 10.80 | 260 |
| 265 | | | | | | | | 11.00 | 11.00 | 10.20 | 265 |
| 270 | | | | | | | | 10.60 | 10.60 | 9.80 | 270 |
| 275 | | | | | | | | 10.00 | 10.00 | 9.40 | 275 |
| 280 | | | | | | | | | 9.00 | 9.00 | 280 |
| 285 | | | | | | | | | 8.60 | 8.60 | 285 |
| 290 | | | | | | | | | | 7.40 | 290 |
| 295 | | | | | | | | | | 7.00 | 295 |
| 300 | | | | | | | | | | 6.60 | 300 |
| 305 | | | | | | | | | | 6.20 | 305 |
| 310 | | | | | | | | | | 5.80 | 310 |

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.

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™


 54,59 m
(179.1 ft)
60°


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


 135 000 kg
(297,600 lb)


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


 360°



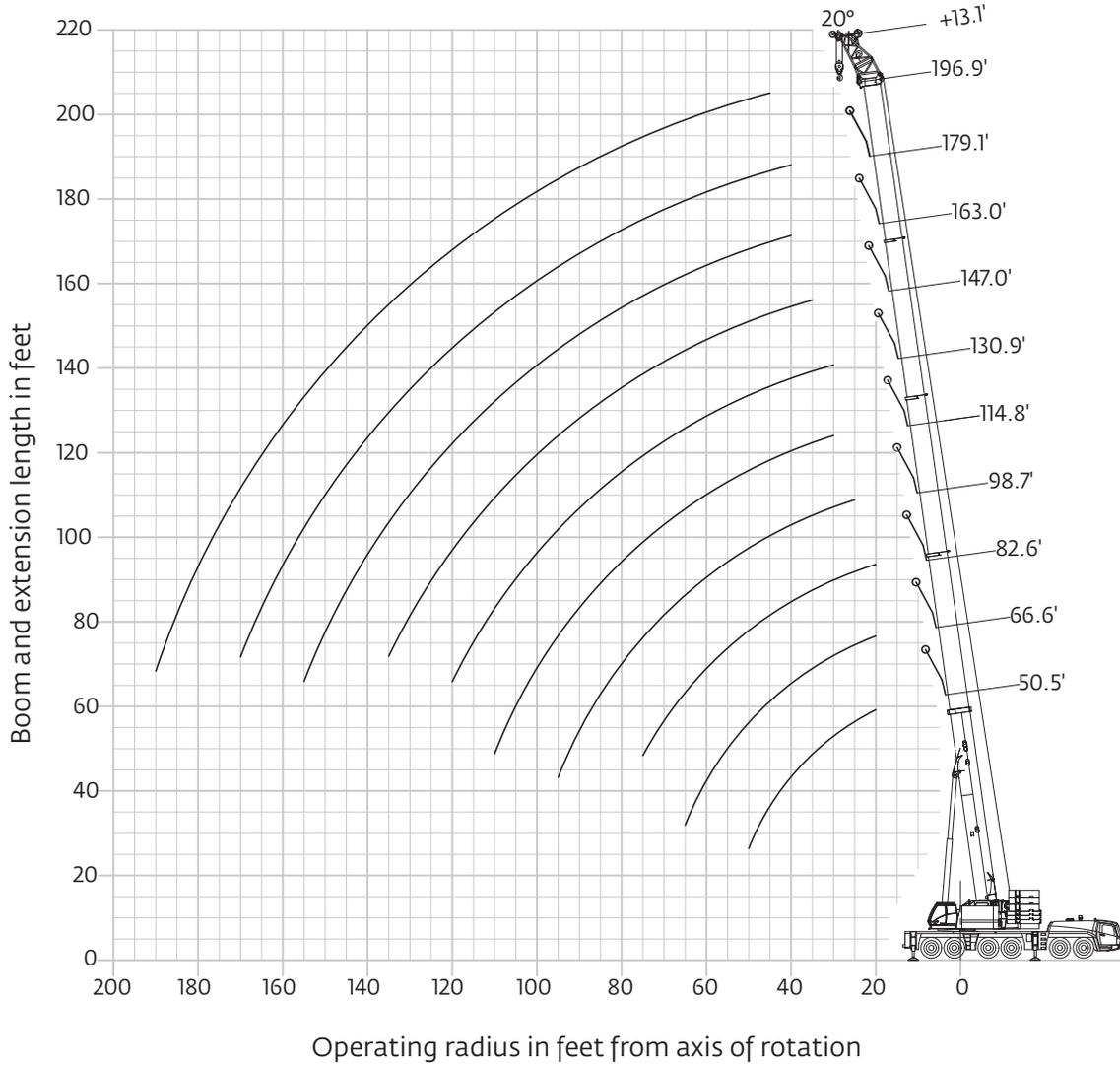
Pounds x 1000

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

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.

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

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)

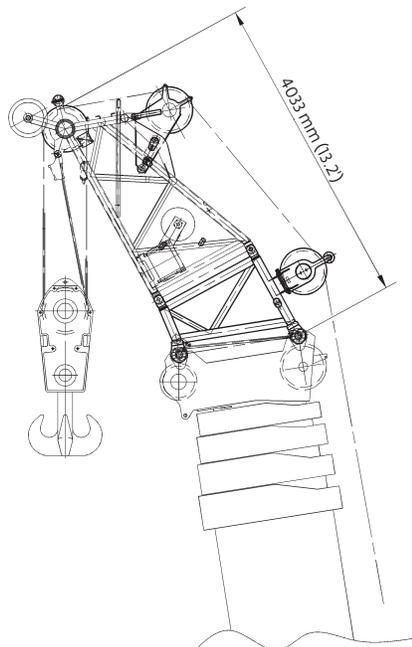


8,7 m x 8,5 m
(28.5 ft x 27.9 ft)
(100%)



360°

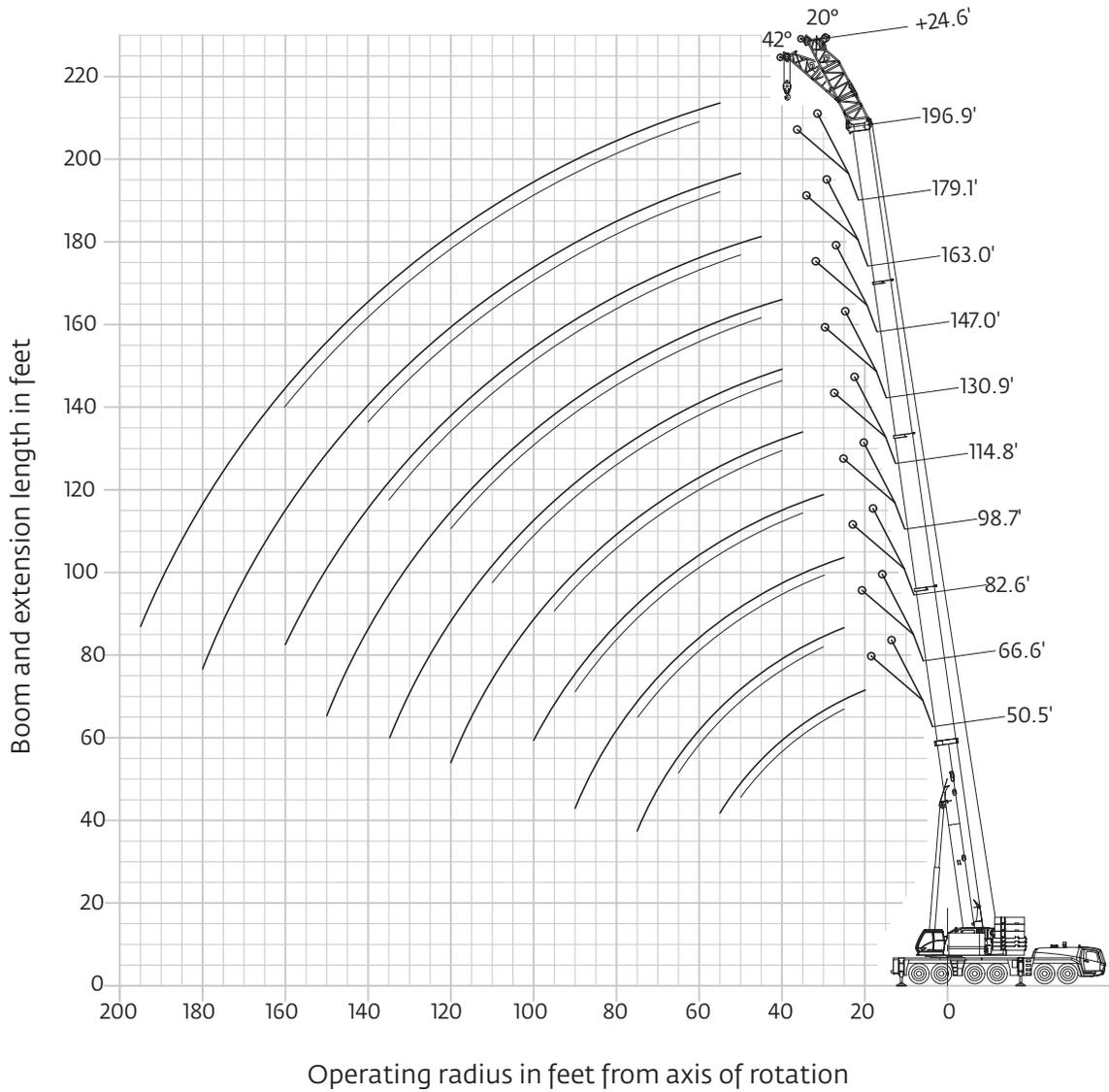
| Feet | 114.8 | 130.9 | 147.0 | 163.0 | 179.1 | 196.9 | Feet |
|------|--------|--------|--------|-------|-------|-------|------|
| 35 | 165.00 | 137.00 | 120.00 | | | | 35 |
| 40 | 164.00 | 126.00 | 112.00 | 99.00 | 82.00 | | 40 |
| 45 | 155.00 | 116.00 | 104.00 | 94.00 | 82.00 | 66.00 | 45 |
| 50 | 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 |



Working range

Heavy duty jib

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



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

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

Heavy duty jib


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

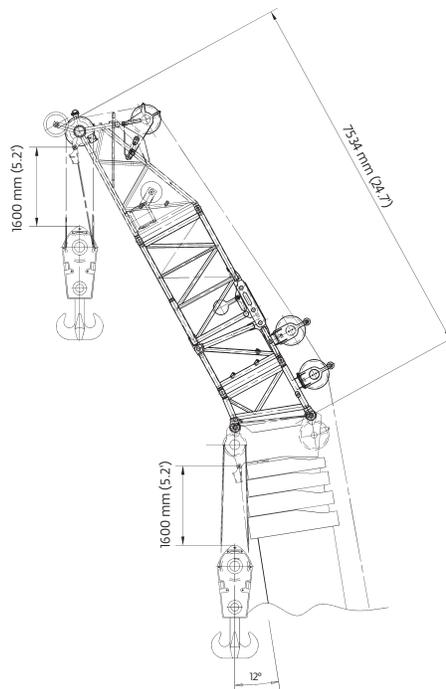

7,5 m
(24.6 ft)
20°


135 000 kg
(297,600 lb)


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


360°

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



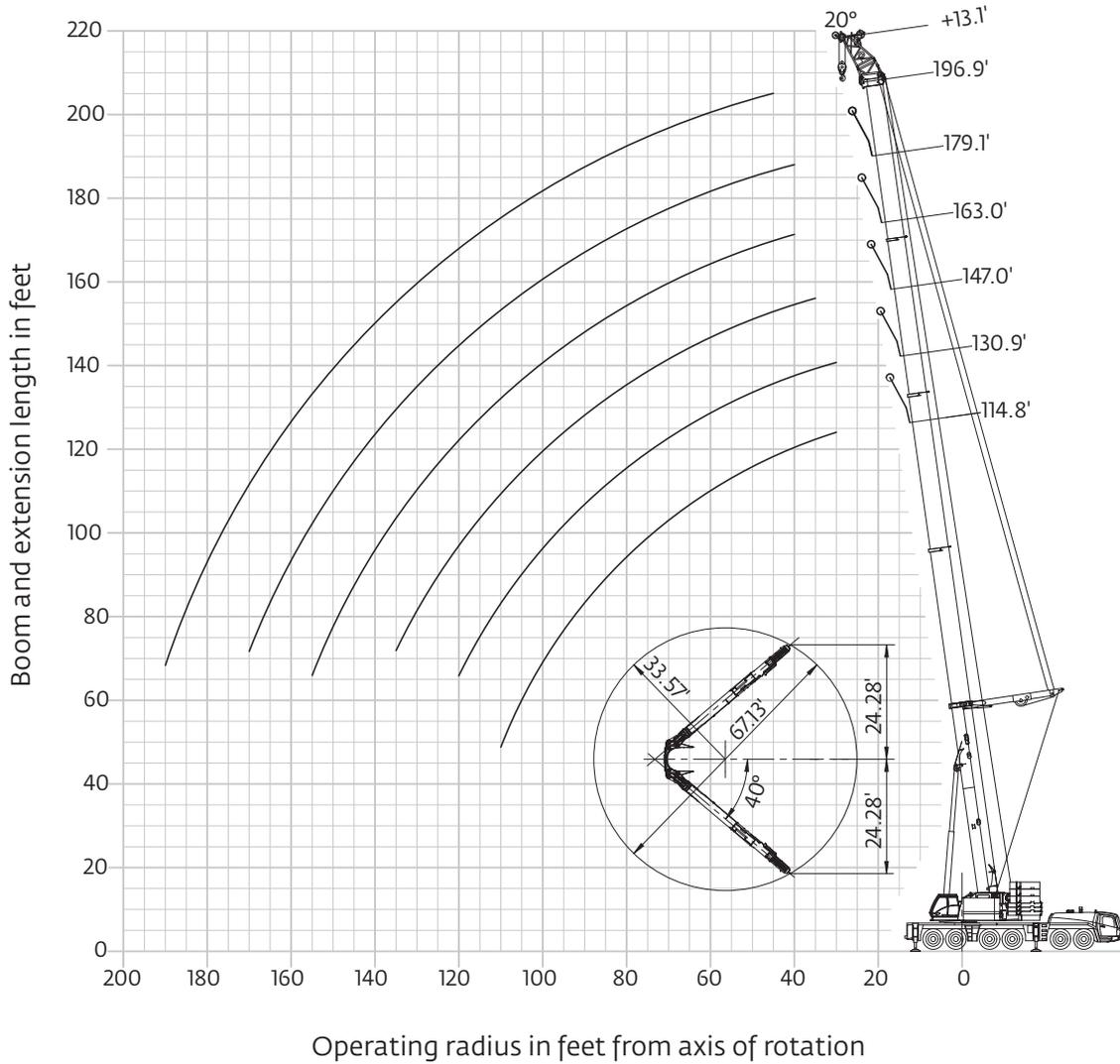
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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™



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

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

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™


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

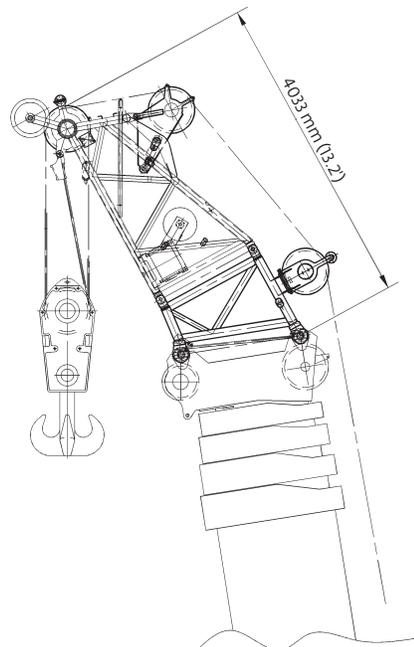

4,0 m
(13.1 ft)
20°


135 000 kg
(297,600 lb)


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


360°

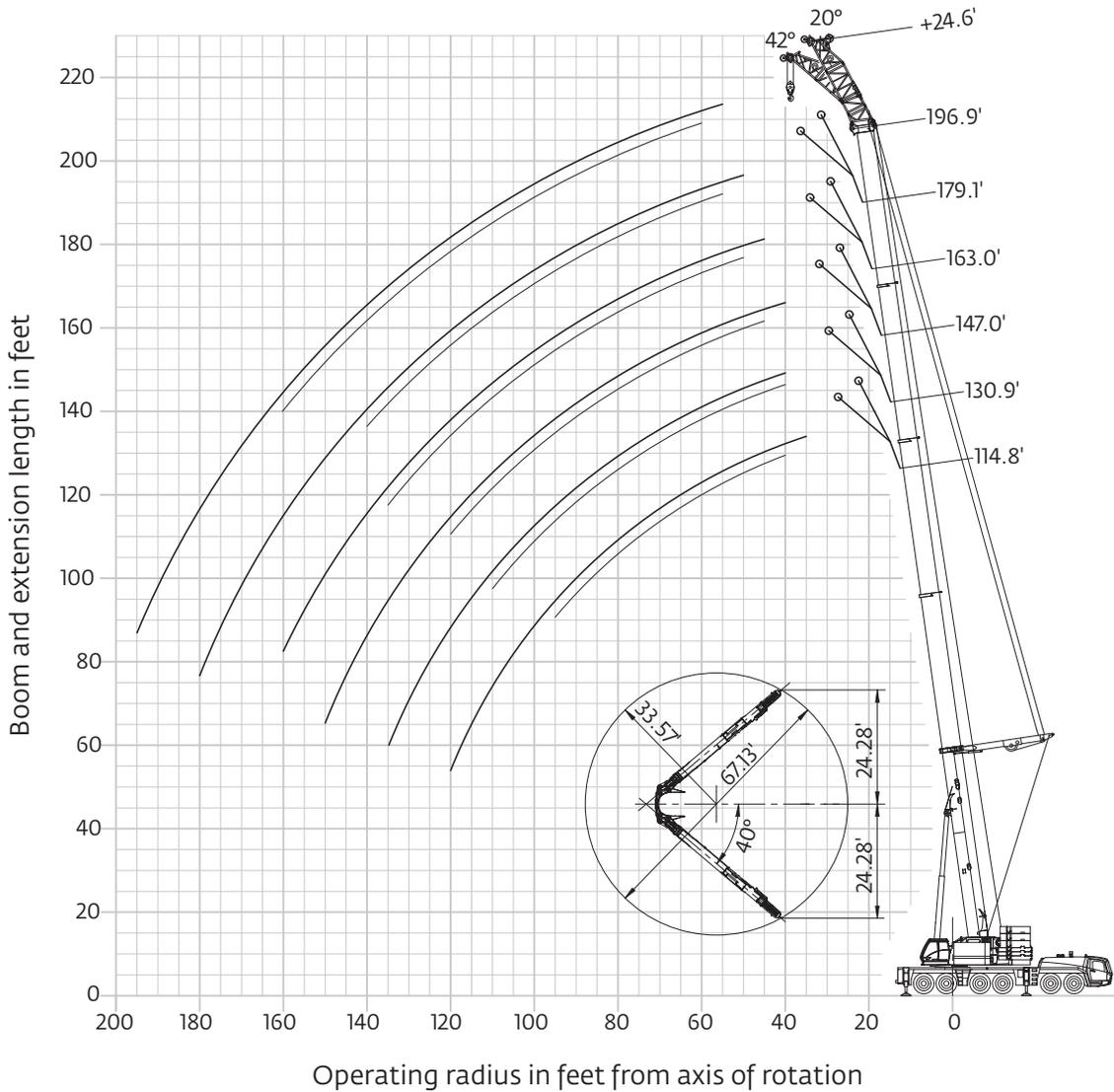
| Feet | 114.8 | 130.9 | 147.0 | 163.0 | 179.1 | 196.9 | Feet |
|------|--------|--------|--------|--------|--------|--------|------|
| 30 | 165.00 | 165.00 | | | | | 30 |
| 35 | 165.00 | 165.00 | 165.00 | | | | 35 |
| 40 | 165.00 | 165.00 | 161.00 | 157.00 | 150.00 | | 40 |
| 45 | 160.00 | 152.00 |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



Working range

Heavy duty jib and MegaWingLift™

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



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

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

Heavy duty jib and MegaWingLift™


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

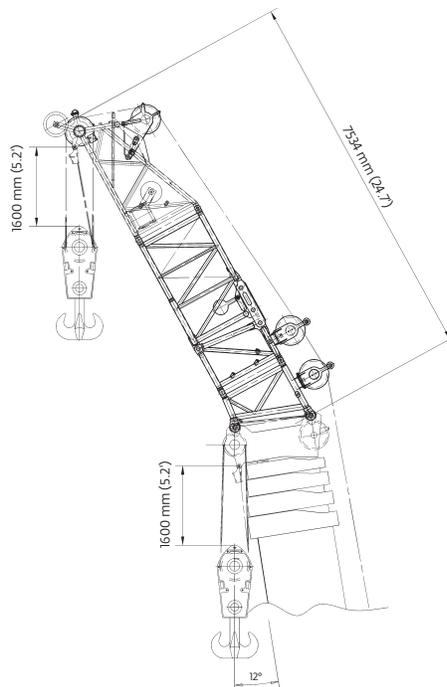

7,5 m
(24.6 ft)
20°


135 000 kg
(297,600 lb)


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


360°

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



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 |

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