

GMK7550 Product Guide

ASME B30.5
Imperial 85%



Features

- 450 t (550 USt) capacity
- 60 m (197 ft) five-section boom
- 25 m - 79 m (82 ft - 259 ft) lattice luffing jib
- 120 t (264,500 lb) counterweight with hydraulic installation/removal system
- MegaWingLift™
- Allison 4800 SP transmission

GROVE GMK7550

The GMK7550, offers a 550 USt maximum capacity on a seven-axle carrier with a stowing crane cab for highway travel. The optional MegaWingLift attachment increases capacity throughout the working radius.

Features

> MEGATRAK™

The MEGATRAK™ suspension system is the best off-road driveline available on the market today. The system's versatility and performance allows the GMK7550 to operate as a true all-terrain crane. The MEGATRAK™ independent suspension and all-wheel steer system allows wheels to remain on the ground at all times so stresses and weight are not continually transferred between axles. MEGATRAK™ provides true ground clearance where others just raise the chassis.

Other benefits of the MEGATRAK™ system are:

- A reliable suspension system
- Excellent job site maneuverability with all-wheel steering
- Commonality among almost all models
- A driveline that remains aligned at all times
- A steering linkage system that is protected against damage
- Constant tire contact for equal tire wear
- Reduced maintenance

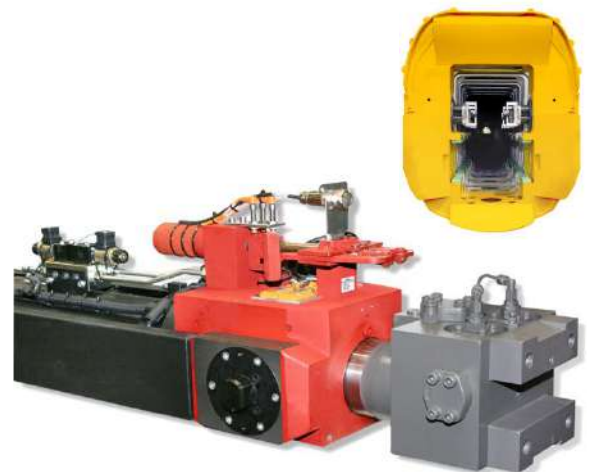
> TWIN-LOCK™

Boom pinning mechanism automatically pins the sections in position using two horizontal pins.

> ECOS and EKS 5

Electronic Crane Operating System - ECOS enables control of the entire crane's principle operations. Simple programming eases lift planning and a supply of essential information allows full concentration on the lift itself.

The EKS 5 monitors the lifting conditions of the crane at all times and provides a full graphic display, rear lighting, graphic of boom telescoping percentage, and load charts.



Jobsite benefits

- Compact and easily maneuverable into tight spaces. An operator can quickly take advantage of the MEGATRAK™ suspension and multi-mode steering system.
- Tried and true. Ready for high capacity lifting. With MegaWing-Lift and 259 ft luffing jib system installed, the GMK7550 is a leader in its class.
- MEGATRAK™ independent suspension, all-wheel steering system and steer by wire technology provides increased ground clearance, adjustable suspension and reduces tire-wear to provide maximum maneuverability in all-terrains.



What you need, when you need it.

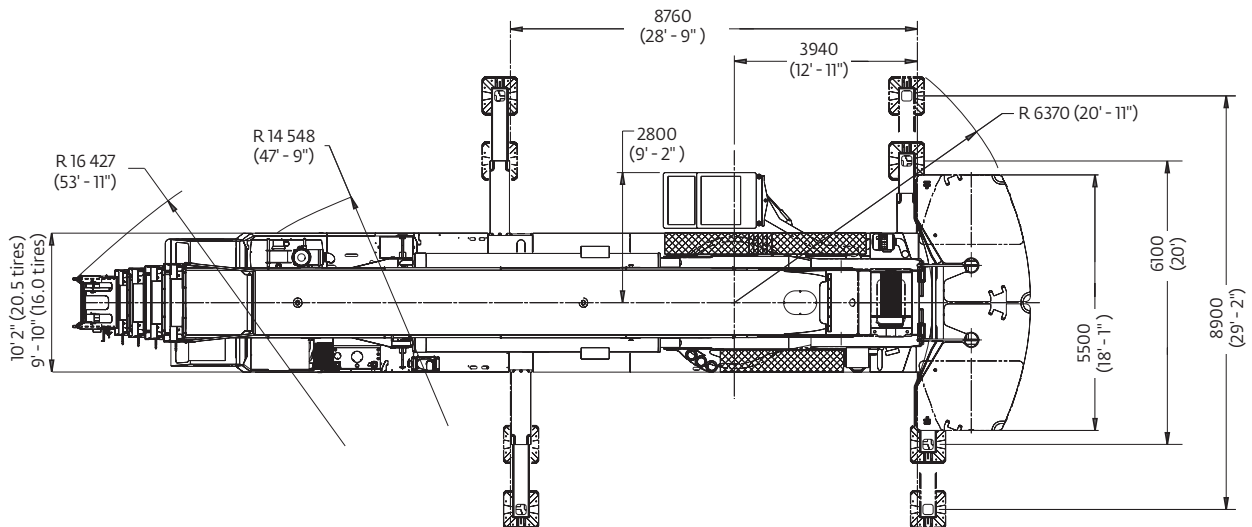
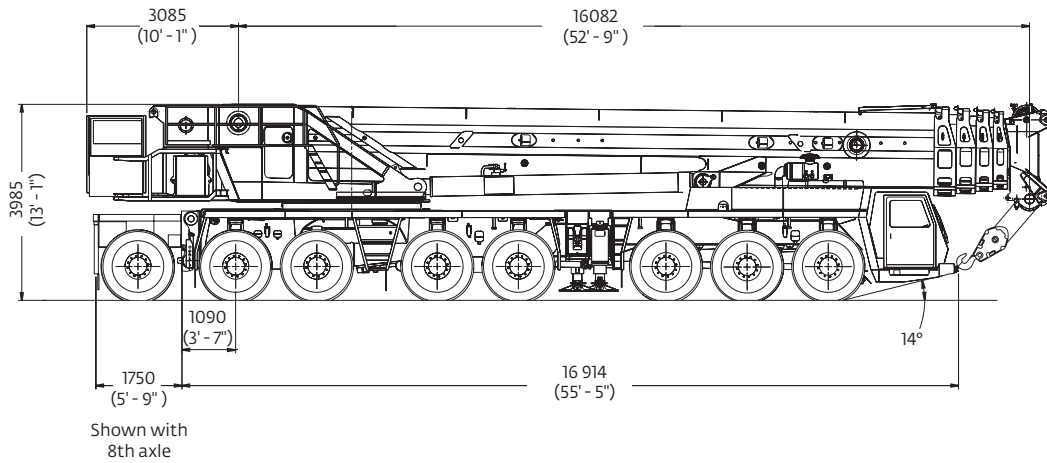
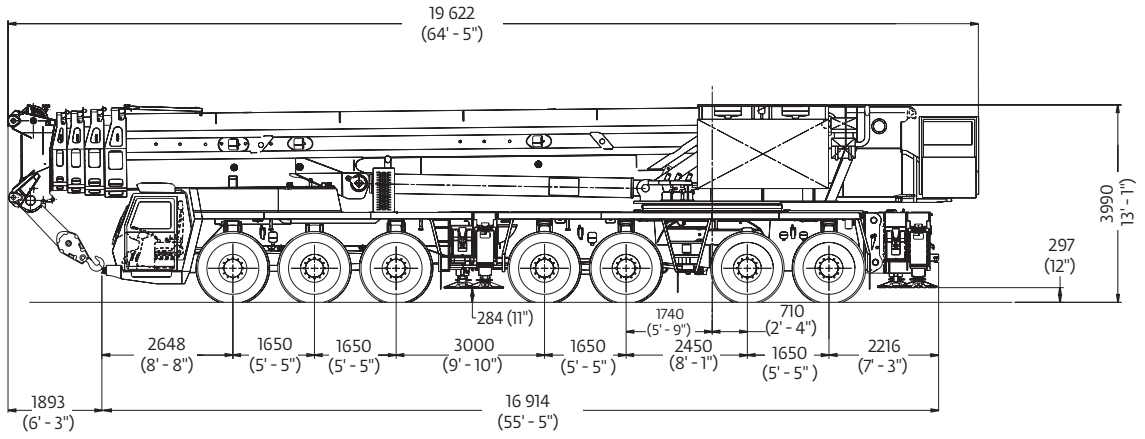
Get right to work with the right equipment — Manitowoc Finance gives you access to flexible, affordable financing you can use to seize profitable new opportunities as they arise.

Feel confident in your investment — rest easy with the assurance of the world's most advanced crane service and support network.

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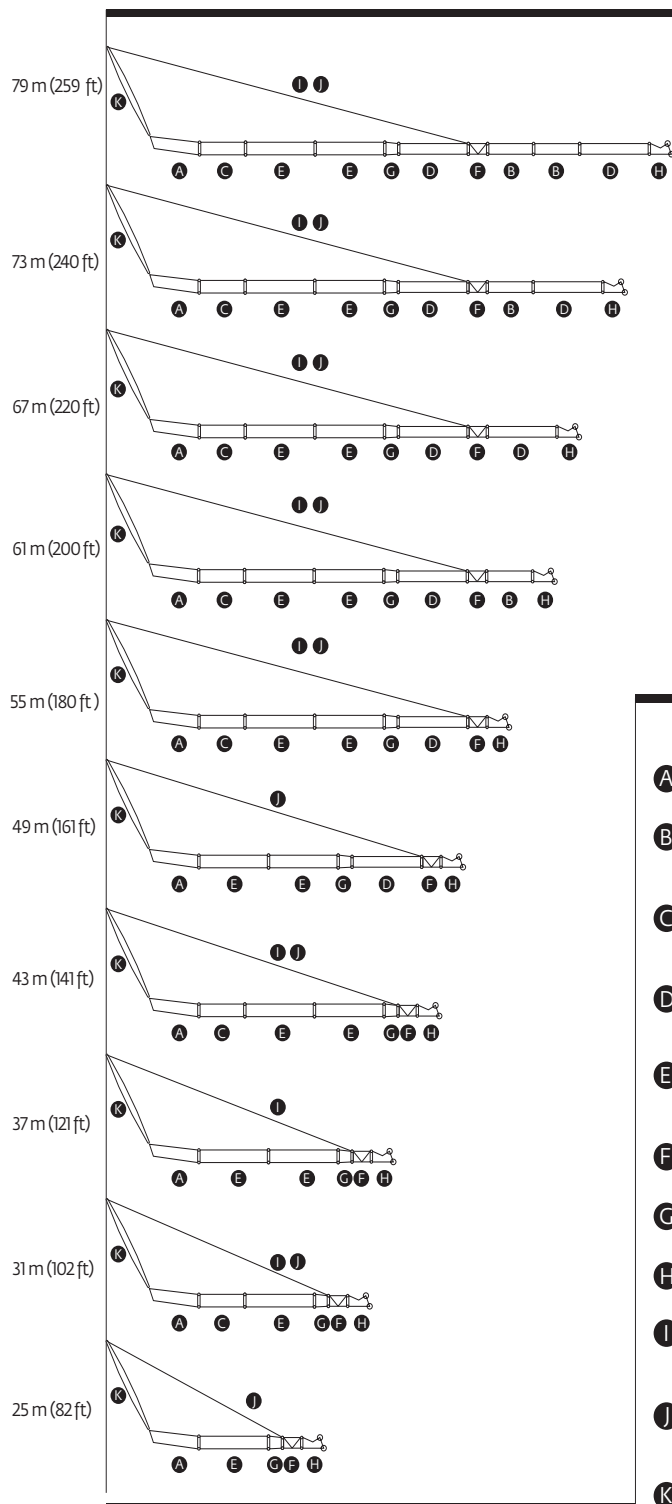
Dimensions



Dimensions

Luffing jib combinations

Without angle offset



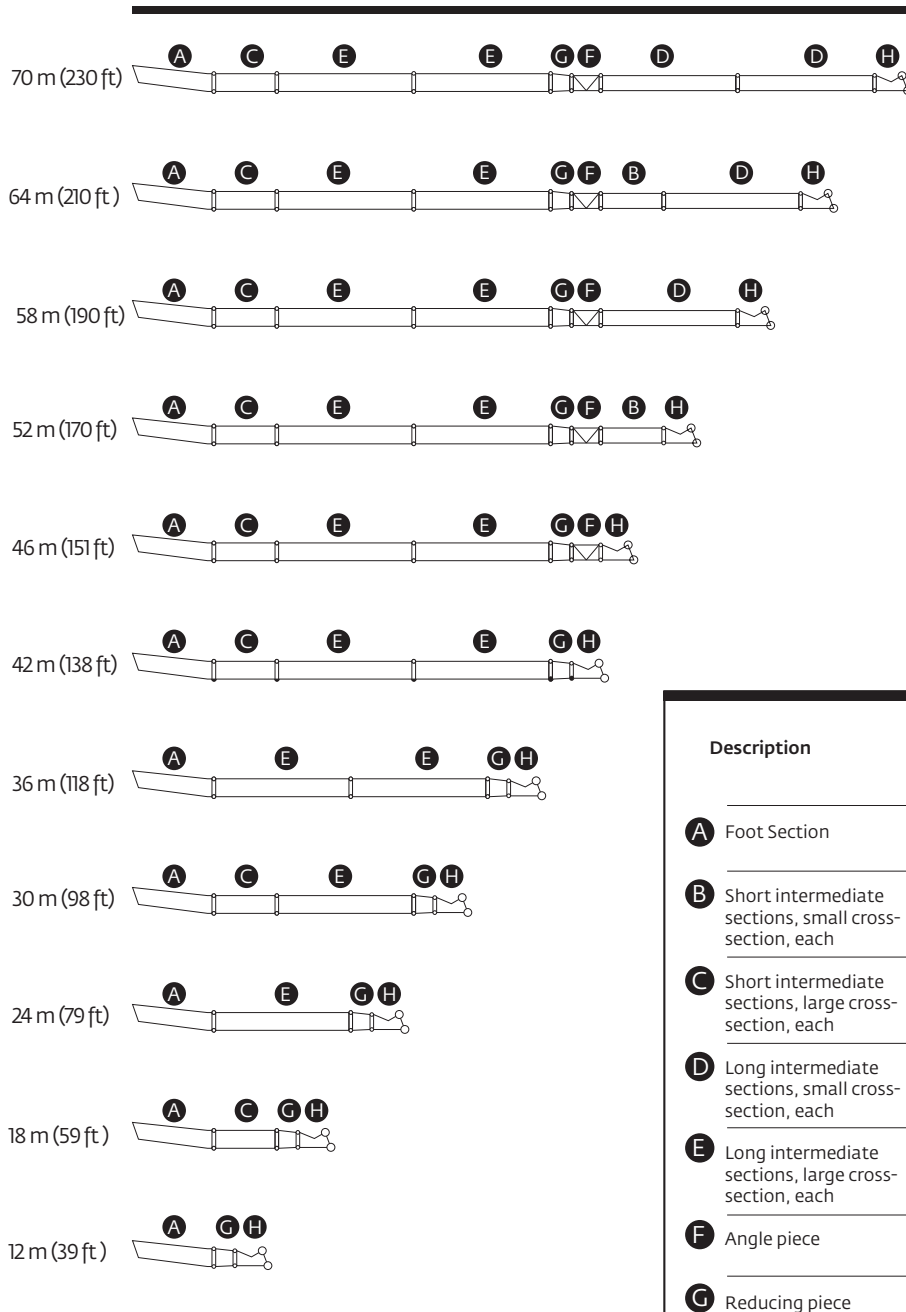
| Description | Length x width x height m (ft) | Weight in kg (lb) |
|---|--|-------------------|
| A Foot Section | 8.80 x 1.80 x 2.50 (28.87 x 5.90 x 8.20) | 3700 (8160) |
| B Short intermediate sections, small cross-section, each | 6.20 x 1.50 x 1.50 (20.34 x 4.91 x 4.91) | 900 (1985) |
| C Short intermediate sections, large cross-section, each | 6.20 x 1.80 x 1.90 (20.34 x 5.90 x 6.23) | 1000 (2205) |
| D Long intermediate sections, small cross-section, each | 12.20 x 1.50 x 1.50 (40.03 x 4.91 x 4.91) | 1600 (3530) |
| E Long intermediate sections, large cross-section, each | 12.20 x 1.80 x 1.90 (40.03 x 5.90 x 6.23) | 1600 (3530) |
| F Angle piece | 3.70 x 1.50 x 1.80 (12.14 x 4.91 x 5.90) | 1600 (3530) |
| G Reducing piece | 1.20 x 1.80 x 1.90 (3.94 x 5.90 x 6.23) | 500 (1105) |
| H Head piece | 3.20 x 1.50 x 2.10 (10.50 x 4.91 x 6.89) | 1200 (2650) |
| I Rear pendant link for short intermediate section | 6.20 x 0.20 x 0.20 (20.34 x 0.70 x 0.70) | 200 (440) |
| J Rear pendant link for long intermediate section | 12.20 x 0.20 x 0.20 (40.03 x 0.70 x 0.70) | 400 (880) |
| K Luffing control arm with fall-back guard strut | 12.20 x 2.10 x 1.80 (40.03 x 6.89 x 5.90) | 3200 (*7055) |

*Individual weight of rear pendant link: 360 kg (795 lb)

Dimensions

Lattice boom extension combinations

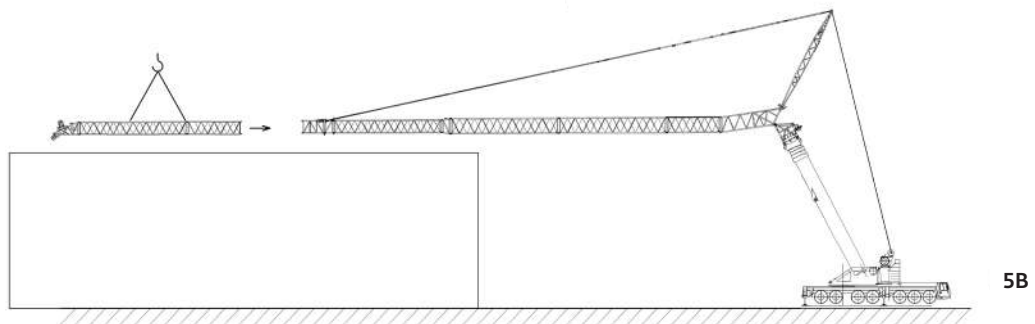
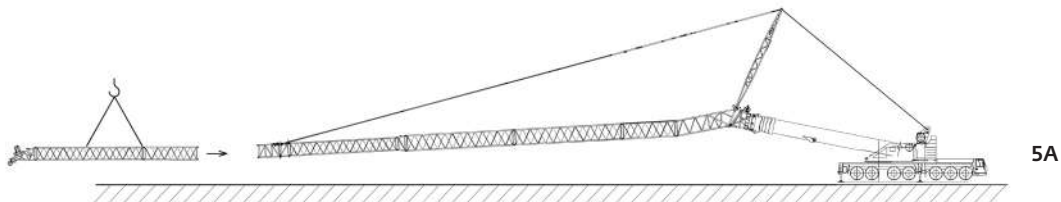
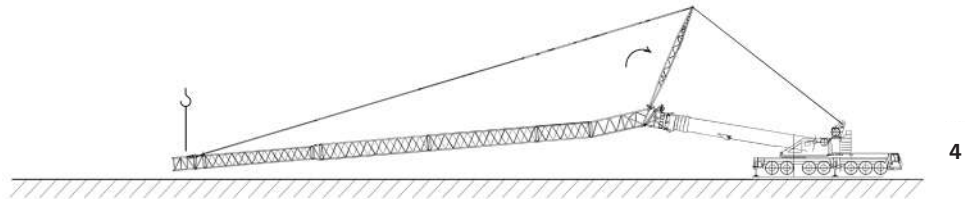
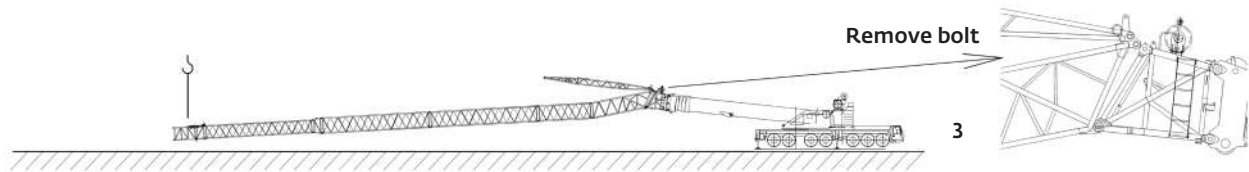
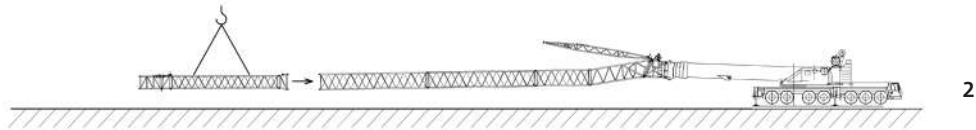
Without angle offset



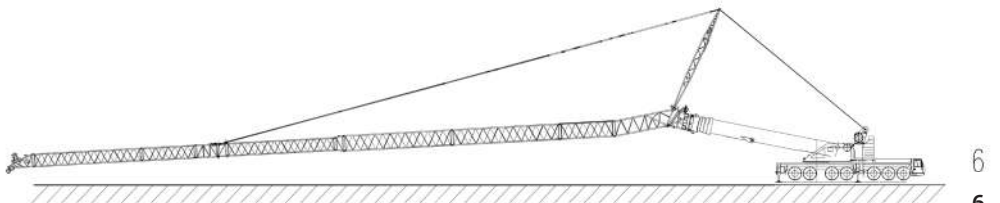
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|---|--|-------------------|
| A Foot Section | 8.80 x 1.80 x 2.50 (28.87 x 5.90 x 8.20) | 3700 (8160) |
| B Short intermediate sections, small cross-section, each | 6.20 x 1.50 x 1.50 (20.34 x 4.91 x 4.91) | 900 (1985) |
| C Short intermediate sections, large cross-section, each | 6.20 x 1.80 x 1.90 (20.34 x 5.90 x 6.23) | 1000 (2205) |
| D Long intermediate sections, small cross-section, each | 12.20 x 1.50 x 1.50 (40.03 x 4.91 x 4.91) | 1600 (3530) |
| E Long intermediate sections, large cross-section, each | 12.20 x 1.80 x 1.90 (40.03 x 5.90 x 6.23) | 1600 (3530) |
| F Angle piece | 3.70 x 1.50 x 1.80 (12.14 x 4.91 x 5.90) | 1600 (3530) |
| G Reducing piece | 1.20 x 1.80 x 1.90 (3.94 x 5.90 x 6.23) | 500 (1105) |
| H Head piece | 3.20 x 1.50 x 2.10 (10.50 x 4.91 x 6.89) | 1200 (2650) |

Dimensions

Aerial rigging of jib

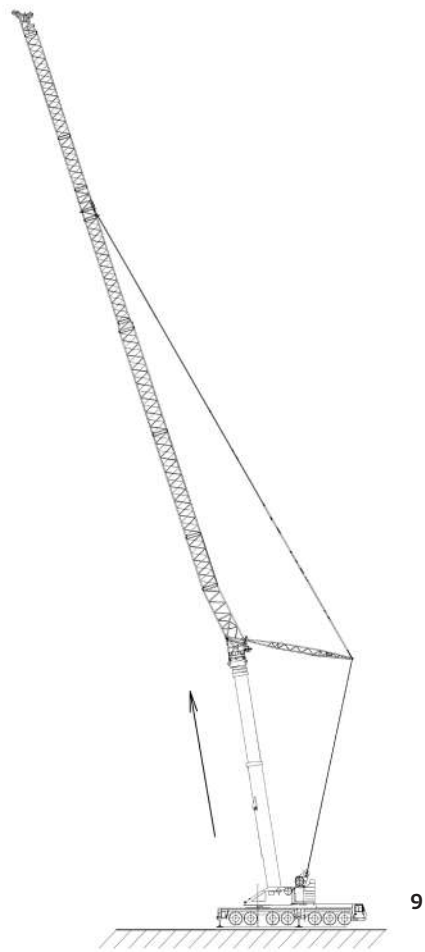
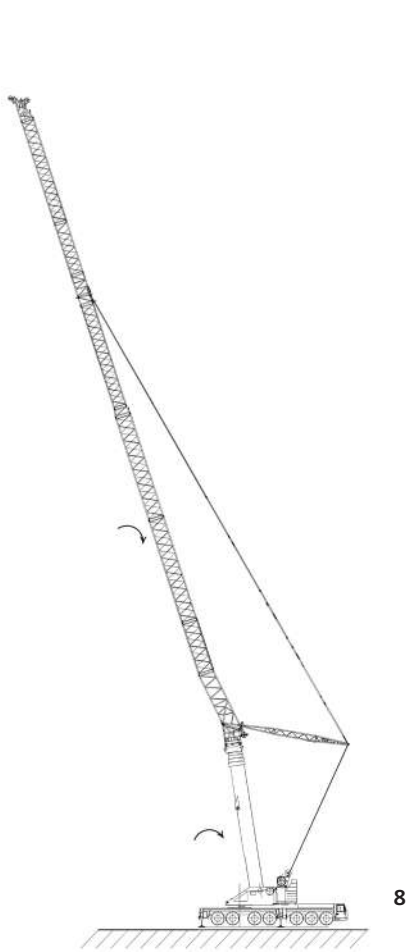
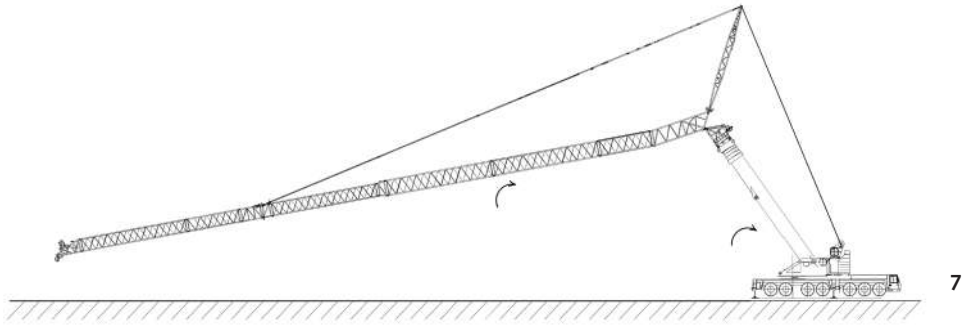


Rigging on obstacles

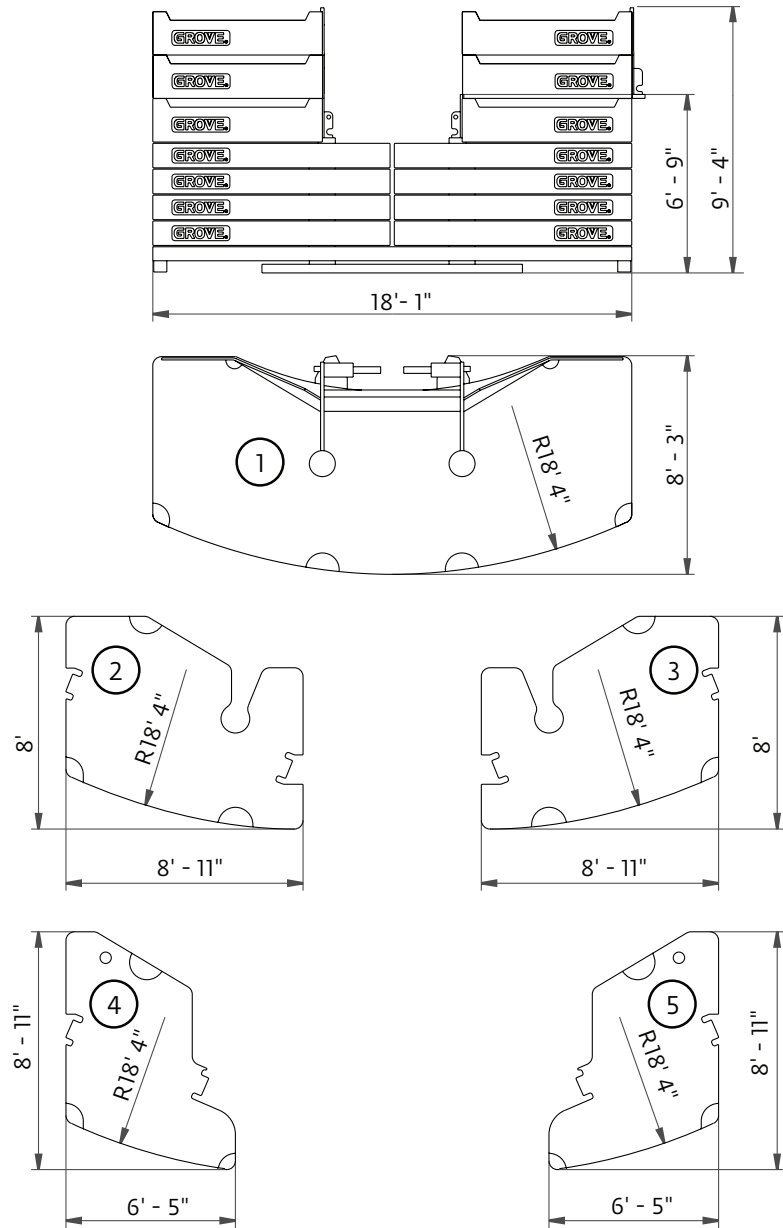



Dimensions

Aerial rigging of jib



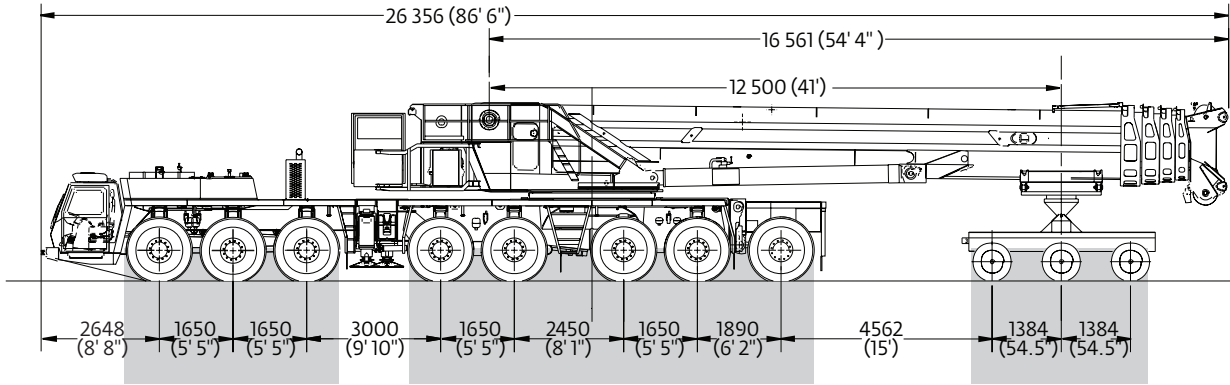
Counterweight



| | ① | ② | ③ | ④ | ⑤ |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | 20 t (44,000 lb) | 10 t (22,000 lb) | 10 t (22,000 lb) | 10 t (22,000 lb) | 10 t (22,000 lb) |
| 20,0 t (44,000 lb) | x | | | | |
| 40,0 t (88,100 lb) | x | x | x | | |
| 60,0 t (132,200 lb) | x | 2 x | 2 x | | |
| 80,0 t (176,000 lb) | x | 3 x | 3 x | | |
| 100,0 t (220,400 lb) | x | 4 x | 4 x | | |
| 120,0 t (264,500 lb) | x | 4 x | 4 x | x | x |
| 140,0 t (308,600 lb) | x | 4 x | 4 x | 2 x | 2 x |
| 160,0 t (352,700 lb) | x | 4 x | 4 x | 3 x | 3 x |

Travel proposals

Trailing boom dolly with 8th axle



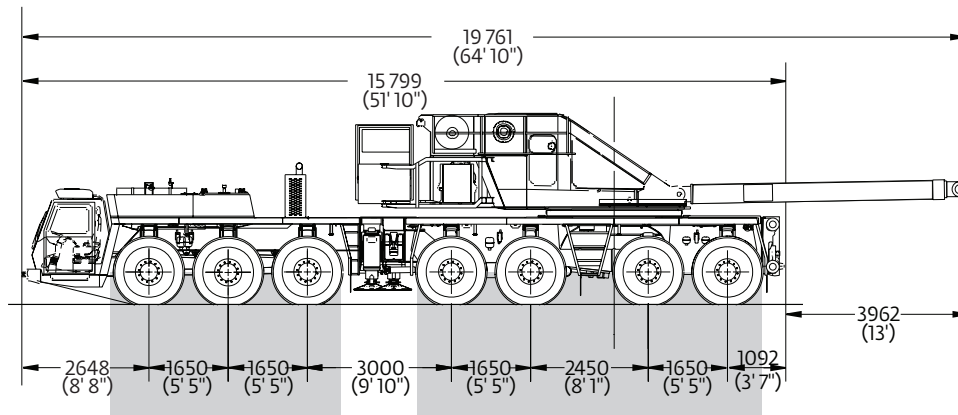
| | Axes 1 - 3 | Axes 4 - 8 | Dolly | Total GVW |
|---|-----------------------|-----------------------|-----------------------|------------------------|
| Boom in dolly over rear, rear outrigger box removed, 8th axle installed | 26 254 kg (57,879 lb) | 38 388 kg (84,631 lb) | 26 822 kg (59,132 lb) | 91 464 kg (201,642 lb) |

Unit equipped with:

- 20.5 tires on aluminum rims - axles 1 through 8
- Operator, 75 kg (165 lb)
- Welded on MEGAWINGLIFT hardware
- Dolly weight: 3900 kg (8600 lb)

Allow 3% variation in weight due to manufacturing tolerances

Boom removed, superstructure over rear



| | Axes 1 - 3 | Axes 4 - 7 | Total GVW |
|--|-----------------------|-----------------------|------------------------|
| Boom removed, superstructure over rear | 16 717 kg (36,855 lb) | 34 879 kg (76,895 lb) | 51 597 kg (113,750 lb) |

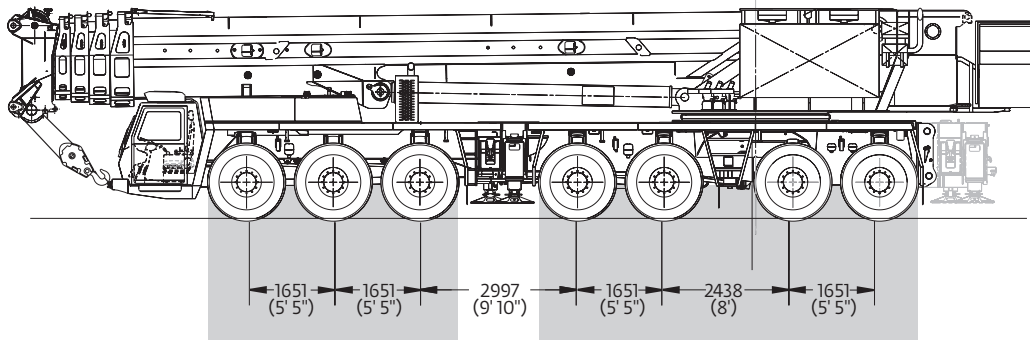
Unit equipped with:

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

Allow 3% variation in weight due to manufacturing tolerances

Travel proposals

Boom over front



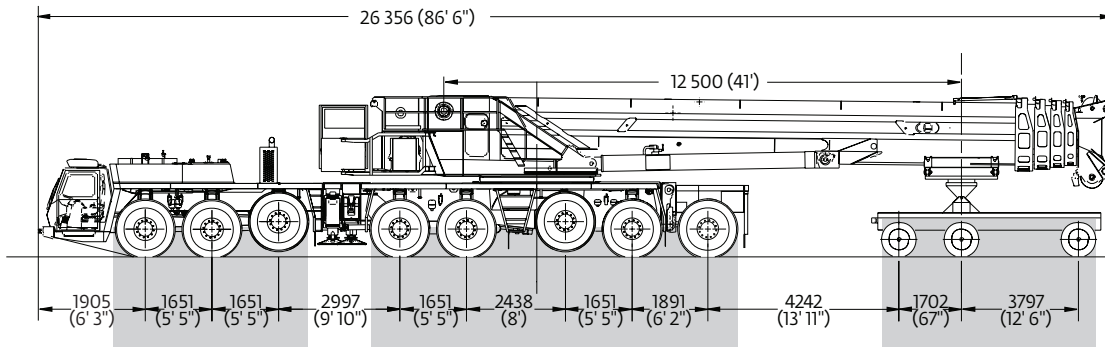
| | Axles 1 - 3 | Axles 4 - 7/8 | Total GVW |
|---|-----------------------|------------------------|------------------------|
| Boom over front, rear outrigger box removed | 37 724 kg (83,167 lb) | 47 502 kg (104,722 lb) | 85 226 kg (187,889 lb) |
| Boom over front, rear outrigger box installed | 33 762 kg (74,431 lb) | 58 193 kg (128,292 lb) | 91 955 kg (202,723 lb) |
| Boom over front, 8th axle installed | 43 562 kg (96,038 lb) | 44 000 kg (97,003 lb) | 87 563 kg (193,041 lb) |

Unit equipped with:

- 20.5 tires on aluminum rims
- Operator, 75 kg (165 lb)
- Welded on MEGAWINGLIFT hardware

Allow 3% variation in weight due to manufacturing tolerances

Trailing boom (spread dolly) with axles 3 and 6 raised



| | Axles 1 - 2 | Axles 4, 5, 7, 8 | Dolly | Total GVW |
|---|-----------------------|-----------------------|-----------------------|------------------------|
| Boom in dolly over rear, rear outrigger box removed, 8th axle installed, axles 3 and 6 raised | 23 899 kg (52,689 lb) | 40 743 kg (89,821 lb) | 27 485 kg (60,594 lb) | 92 127 kg (203,104 lb) |

Unit equipped with:

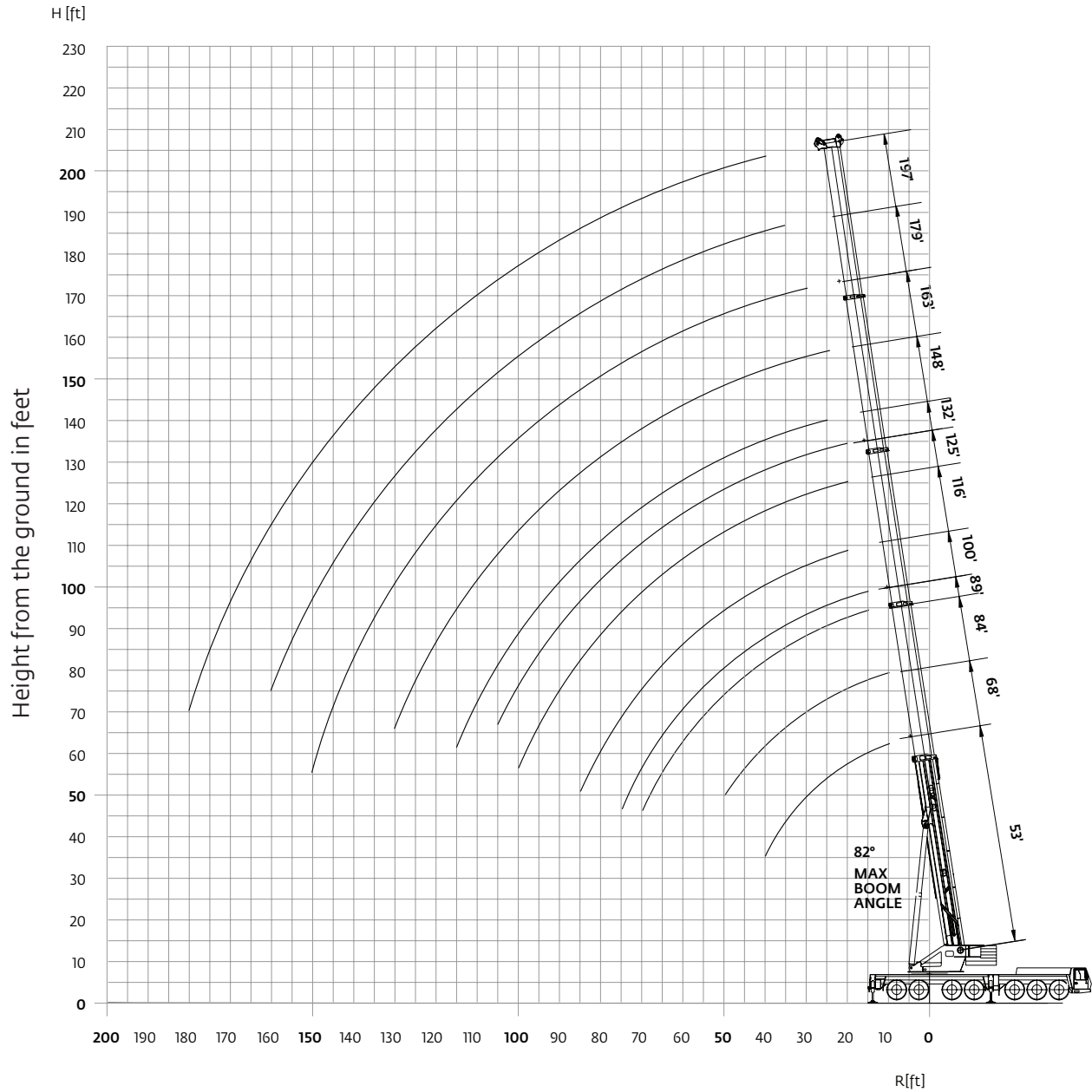
- 20.5 tires on aluminum rims - axles 1 through 8
- Operator, 75 kg (165 lb)
- Welded on MEGAWINGLIFT hardware
- 3 axle dolly (4563 kg (10,000 lb))

Allow 3% variation in weight due to manufacturing tolerances

Working range

Main boom

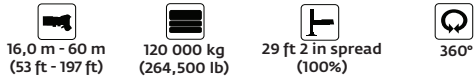
197 ft main boom



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

Load charts

Main boom



| Feet | Pounds (thousands) | | | | | | | | | | | |
|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 52.6 | 68.4 | 84.3 | 88.9 | 100.1 | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
| 8 | °1100.0 | | | | | | | | | | | |
| 10 | 678.0 | 624.0 | | | | | | | | | | |
| 15 | 538.0 | 536.0 | | | | | | | | | | |
| 20 | 438.0 | 442.0 | 438.0 | 300.0 | 410.0 | 372.0 | 284.0 | | | | | |
| 25 | 370.0 | 374.0 | 374.0 | 300.0 | 368.0 | 346.0 | 256.0 | 254.0 | | | | |
| 30 | 318.0 | 320.0 | 320.0 | 298.0 | 318.0 | 316.0 | 232.0 | 228.0 | 204.0 | 181.0 | | |
| 35 | 276.0 | 280.0 | 280.0 | 270.0 | 278.0 | 282.0 | 206.0 | 207.0 | 186.0 | 168.0 | 146.0 | |
| 40 | 242.0 | 244.0 | 246.0 | 238.0 | 244.0 | 246.0 | 187.0 | 186.0 | 168.0 | 155.0 | 141.0 | 123.0 |
| 45 | | 215.0 | 216.0 | 209.0 | 219.0 | 217.0 | 170.0 | 170.0 | 154.0 | 142.0 | 131.0 | 119.0 |
| 50 | | 194.0 | 196.0 | 185.0 | 195.0 | 193.0 | 154.0 | 155.0 | 141.0 | 131.0 | 122.0 | 112.0 |
| 55 | | | 176.0 | 165.0 | 175.0 | 174.0 | 143.0 | 145.0 | 129.0 | 129.0 | 114.0 | 105.0 |
| 60 | | | 159.0 | 147.0 | 159.0 | 157.0 | 132.0 | 136.0 | 120.0 | 111.0 | 106.0 | 98.0 |
| 65 | | | 144.0 | 136.0 | 144.0 | 142.0 | 121.0 | 128.0 | 111.0 | 104.0 | 98.0 | 92.0 |
| 70 | | | 131.0 | 122.0 | 130.0 | 127.0 | 111.0 | 119.0 | 102.0 | 97.0 | 92.0 | 86.0 |
| 75 | | | | 109.0 | 117.0 | 114.0 | 104.0 | 113.0 | 96.0 | 90.0 | 87.0 | 80.0 |
| 80 | | | | | 106.0 | 104.0 | 95.0 | 107.0 | 90.0 | 83.0 | 81.0 | 76.0 |
| 85 | | | | | 97.0 | 94.0 | 86.0 | 98.0 | 84.0 | 79.0 | 75.0 | 72.0 |
| 90 | | | | | | 87.0 | 78.0 | 90.0 | 79.0 | 75.0 | 71.0 | 67.0 |
| 95 | | | | | | 84.0 | 70.0 | 82.0 | 75.0 | 70.0 | 68.0 | 63.0 |
| 100 | | | | | | 79.0 | 64.0 | 76.0 | 72.0 | 66.0 | 64.0 | 60.0 |
| 105 | | | | | | | 59.0 | 70.0 | 69.0 | 62.0 | 60.0 | 57.0 |
| 110 | | | | | | | 56.0 | 65.0 | 66.0 | 59.0 | 56.0 | 54.0 |
| 115 | | | | | | | | 61.0 | 62.0 | 56.0 | 53.0 | 51.0 |
| 120 | | | | | | | | | 57.0 | 52.0 | 51.0 | 47.0 |
| 125 | | | | | | | | | 54.0 | 49.0 | 49.0 | 45.0 |
| 130 | | | | | | | | | 50.0 | 47.0 | 46.0 | 43.4 |
| 135 | | | | | | | | | | 46.0 | 44.0 | 41.4 |
| 140 | | | | | | | | | | 43.4 | 41.2 | 39.6 |
| 145 | | | | | | | | | | 40.6 | 38.6 | 37.6 |
| 150 | | | | | | | | | | 38.2 | 36.0 | 35.8 |
| 155 | | | | | | | | | | | 33.6 | 33.8 |
| 160 | | | | | | | | | | | 31.4 | 31.6 |
| 165 | | | | | | | | | | | | 29.4 |
| 170 | | | | | | | | | | | | 27.6 |
| 175 | | | | | | | | | | | | 25.8 |
| 180 | | | | | | | | | | | | 24.2 |

Loads > 420,000 lb can only be lifted with additional equipment
 ° Over rear, 20 ft outrigger span, with special equipment



| Feet | Pounds (thousands) | | | | | | | | | | | |
|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 52.6 | 68.4 | 84.3 | 88.9 | 100.1 | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
| 8 | °788.0 | | | | | | | | | | | |
| 10 | 664.0 | 624.0 | | | | | | | | | | |
| 15 | 526.0 | 524.0 | | | | | | | | | | |
| 20 | 428.0 | 432.0 | 432.0 | 300.0 | 410.0 | 372.0 | 284.0 | | | | | |
| 25 | 360.0 | 364.0 | 364.0 | 300.0 | 362.0 | 346.0 | 256.0 | 254.0 | | | | |
| 30 | 308.0 | 312.0 | 312.0 | 298.0 | 310.0 | 314.0 | 232.0 | 228.0 | 204.0 | 181.0 | | |
| 35 | 264.0 | 268.0 | 268.0 | 262.0 | 272.0 | 270.0 | 206.0 | 207.0 | 186.0 | 168.0 | 146.0 | |
| 40 | 228.0 | 232.0 | 236.0 | 226.0 | 236.0 | 234.0 | 187.0 | 186.0 | 168.0 | 155.0 | 141.0 | 123.0 |
| 45 | | 206.0 | 208.0 | 196.0 | 207.0 | 205.0 | 170.0 | 170.0 | 154.0 | 142.0 | 131.0 | 119.0 |
| 50 | | 180.0 | 183.0 | 172.0 | 183.0 | 180.0 | 154.0 | 155.0 | 141.0 | 131.0 | 122.0 | 112.0 |
| 55 | | | 159.0 | 150.0 | 158.0 | 155.0 | 143.0 | 145.0 | 129.0 | 129.0 | 114.0 | 105.0 |
| 60 | | | 139.0 | 130.0 | 139.0 | 136.0 | 127.0 | 136.0 | 120.0 | 111.0 | 106.0 | 98.0 |
| 65 | | | 123.0 | 115.0 | 123.0 | 120.0 | 111.0 | 124.0 | 111.0 | 104.0 | 98.0 | 92.0 |
| 70 | | | 110.0 | 108.0 | 109.0 | 109.0 | 98.0 | 111.0 | 102.0 | 97.0 | 92.0 | 86.0 |
| 75 | | | | 96.0 | 98.0 | 102.0 | 87.0 | 99.0 | 90.0 | 87.0 | 87.0 | 80.0 |
| 80 | | | | | 89.0 | 93.0 | 80.0 | 90.0 | 88.0 | 83.0 | 81.0 | 76.0 |
| 85 | | | | | 81.0 | 84.0 | 75.0 | 82.0 | 83.0 | 78.0 | 75.0 | 72.0 |
| 90 | | | | | | 77.0 | 70.0 | 74.0 | 76.0 | 71.0 | 71.0 | 67.0 |
| 95 | | | | | | 71.0 | 65.0 | 68.0 | 69.0 | 67.0 | 67.0 | 63.0 |
| 100 | | | | | | 65.0 | 60.0 | 64.0 | 64.0 | 63.0 | 61.0 | 60.0 |
| 105 | | | | | | | 55.0 | 61.0 | 59.0 | 58.0 | 56.0 | 56.0 |
| 110 | | | | | | | | 50.0 | 57.0 | 54.0 | 52.0 | 52.0 |
| 115 | | | | | | | | | 53.0 | 50.0 | 48.0 | 48.0 |
| 120 | | | | | | | | | | 46.0 | 46.0 | 44.0 |
| 125 | | | | | | | | | | 44.0 | 42.4 | 40.6 |
| 130 | | | | | | | | | | 41.2 | 39.4 | 37.6 |
| 135 | | | | | | | | | | | 36.4 | 34.6 |
| 140 | | | | | | | | | | | 34.0 | 32.0 |
| 145 | | | | | | | | | | | 31.6 | 29.6 |
| 150 | | | | | | | | | | | 29.4 | 27.4 |
| 155 | | | | | | | | | | | | 25.4 |
| 160 | | | | | | | | | | | | 23.4 |
| 165 | | | | | | | | | | | | 21.6 |
| 170 | | | | | | | | | | | | 20.0 |
| 175 | | | | | | | | | | | | 18.4 |
| 180 | | | | | | | | | | | | 17.0 |

Loads > 420,000 lb can only be lifted with additional equipment
 ° Over rear, 20 ft outrigger span, with special equipment

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

Load charts

Main boom

 16,0 m - 60 m
(53 ft - 197 ft)
  80 000 kg
(176,300 lb)
  29 ft 2 in spread
(100%)
  360°

| | | Pounds (thousands) | | | | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Feet | 52.6 | 68.4 | 84.3 | 88.9 | 100.1 | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
| 8 | | | | | | | | | | | | |
| 10 | 650.0 | 624.0 | | | | | | | | | | |
| 15 | 532.0 | 514.0 | | | | | | | | | | |
| 20 | 418.0 | 420.0 | 496.0 | 300.0 | | | | | | | | |
| 25 | 352.0 | 354.0 | 354.0 | 300.0 | 352.0 | 346.0 | 256.0 | 254.0 | | | | |
| 30 | 294.0 | 298.0 | 298.0 | 290.0 | 300.0 | 296.0 | 232.0 | 228.0 | 204.0 | 181.0 | | |
| 35 | 250.0 | 252.0 | 258.0 | 246.0 | 256.0 | 242.0 | 206.0 | 207.0 | 186.0 | 168.0 | 146.0 | |
| 40 | 203.0 | 213.0 | 216.0 | 206.0 | 215.0 | 203.0 | 187.0 | 186.0 | 168.0 | 155.0 | 141.0 | 123.0 |
| 45 | | 176.0 | 180.0 | 170.0 | 179.0 | 174.0 | 160.0 | 168.0 | 154.0 | 142.0 | 131.0 | 119.0 |
| 50 | | 149.0 | 153.0 | 143.0 | 152.0 | 149.0 | 138.0 | 150.0 | 139.0 | 131.0 | 122.0 | 112.0 |
| 55 | | | 131.0 | 129.0 | 131.0 | 133.0 | 119.0 | 131.0 | 121.0 | 119.0 | 114.0 | 105.0 |
| 60 | | | 115.0 | 112.0 | 114.0 | 118.0 | 107.0 | 115.0 | 112.0 | 105.0 | 105.0 | 98.0 |
| 65 | | | 103.0 | 98.0 | 100.0 | 105.0 | 98.0 | 102.0 | 102.0 | 95.0 | 94.0 | 92.0 |
| 70 | | | 91.0 | 91.0 | 94.0 | 93.0 | 87.0 | 90.0 | 92.0 | 89.0 | 85.0 | 83.0 |
| 75 | | | | 83.0 | 85.0 | 84.0 | 78.0 | 84.0 | 82.0 | 81.0 | 77.0 | 75.0 |
| 80 | | | | | 76.0 | 75.0 | 70.0 | 77.0 | 74.0 | 73.0 | 70.0 | 68.0 |
| 85 | | | | | 69.0 | 68.0 | 62.0 | 69.0 | 68.0 | 66.0 | 63.0 | 62.0 |
| 90 | | | | | | 63.0 | 58.0 | 63.0 | 62.0 | 60.0 | 58.0 | 56.0 |
| 95 | | | | | | 58.0 | 55.0 | 58.0 | 56.0 | 54.0 | 53.0 | 52.0 |
| 100 | | | | | | 53.0 | 53.0 | 53.0 | 51.0 | 50.0 | 48.0 | 47.0 |
| 105 | | | | | | | 49.0 | 48.0 | 47.0 | 45.0 | 43.4 | 43.6 |
| 110 | | | | | | | 46.0 | 45.0 | 43.2 | 41.4 | 39.4 | 39.6 |
| 115 | | | | | | | | 41.0 | 39.6 | 37.8 | 36.0 | 36.2 |
| 120 | | | | | | | | | 36.4 | 34.6 | 32.8 | 33.0 |
| 125 | | | | | | | | | 33.6 | 31.8 | 29.8 | 30.0 |
| 130 | | | | | | | | | 31.0 | 29.2 | 27.2 | 27.4 |
| 135 | | | | | | | | | | 26.8 | 24.8 | 25.0 |
| 140 | | | | | | | | | | 24.6 | 22.6 | 22.6 |
| 145 | | | | | | | | | | 22.6 | 20.4 | 20.6 |
| 150 | | | | | | | | | | 20.8 | 18.6 | 18.6 |
| 155 | | | | | | | | | | | 16.8 | 17.0 |
| 160 | | | | | | | | | | | 15.2 | 15.2 |
| 165 | | | | | | | | | | | | 13.8 |
| 170 | | | | | | | | | | | | 12.4 |
| 175 | | | | | | | | | | | | 11.0 |
| 180 | | | | | | | | | | | | 9.8 |

Loads > 420,000 lb can only be lifted with additional equipment

 16,0 m - 60 m
(53 ft - 197 ft)
  60 000 kg
(132,200 lb)
  29 ft 2 in spread
(100%)
  360°

| | | Pounds (thousands) | | | | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Feet | 52.6 | 68.4 | 84.3 | 88.9 | 100.1 | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
| 10 | 634.0 | 624.0 | | | | | | | | | | |
| 15 | 500.0 | 500.0 | | | | | | | | | | |
| 20 | 406.0 | 410.0 | 410.0 | 300.0 | 408.0 | 372.0 | 284.0 | | | | | |
| 25 | 336.0 | 340.0 | 340.0 | 300.0 | 338.0 | 314.0 | 256.0 | 254.0 | | | | |
| 30 | 268.0 | 276.0 | 278.0 | 254.0 | 262.0 | 244.0 | 226.0 | 228.0 | 204.0 | 181.0 | | |
| 35 | 205.0 | 215.0 | 219.0 | 208.0 | 212.0 | 199.0 | 182.0 | 194.0 | 179.0 | 168.0 | 146.0 | |
| 40 | 162.0 | 171.0 | 175.0 | 172.0 | 174.0 | 170.0 | 151.0 | 161.0 | 150.0 | 143.0 | 141.0 | 123.0 |
| 45 | | 141.0 | 145.0 | 142.0 | 144.0 | 145.0 | 135.0 | 136.0 | 133.0 | 127.0 | 121.0 | 116.0 |
| 50 | | 118.0 | 124.0 | 119.0 | 126.0 | 125.0 | 115.0 | 119.0 | 114.0 | 110.0 | 104.0 | 101.0 |
| 55 | | | 106.0 | 107.0 | 109.0 | 108.0 | 100.0 | 106.0 | 101.0 | 96.0 | 91.0 | 88.0 |
| 60 | | | 92.0 | 93.0 | 95.0 | 94.0 | 88.0 | 94.0 | 89.0 | 85.0 | 80.0 | 78.0 |
| 65 | | | 81.0 | 82.0 | 83.0 | 84.0 | 81.0 | 83.0 | 79.0 | 75.0 | 71.0 | 69.0 |
| 70 | | | 71.0 | 72.0 | 74.0 | 74.0 | 75.0 | 74.0 | 71.0 | 67.0 | 63.0 | 61.0 |
| 75 | | | | 64.0 | 66.0 | 66.0 | 67.0 | 66.0 | 64.0 | 60.0 | 56.0 | 55.0 |
| 80 | | | | | 59.0 | 59.0 | 60.0 | 59.0 | 58.0 | 54.0 | 51.0 | 49.0 |
| 85 | | | | | 53.0 | 53.0 | 54.0 | 53.0 | 52.0 | 49.0 | 46.0 | 44.0 |
| 90 | | | | | | 48.0 | 49.0 | 48.0 | 46.0 | 44.0 | 41.0 | 40.0 |
| 95 | | | | | | 43.6 | 44.0 | 43.2 | 41.8 | 40.0 | 37.0 | 36.2 |
| 100 | | | | | | | 39.6 | 40.2 | 39.2 | 37.8 | 36.0 | 32.6 |
| 105 | | | | | | | | 36.6 | 35.6 | 34.2 | 32.4 | 29.4 |
| 110 | | | | | | | | 33.2 | 32.2 | 30.8 | 29.0 | 26.6 |
| 115 | | | | | | | | | 29.2 | 27.8 | 26.0 | 24.0 |
| 120 | | | | | | | | | | 25.2 | 23.4 | 21.6 |
| 125 | | | | | | | | | | 21.0 | 19.2 | 19.2 |
| 130 | | | | | | | | | | 20.6 | 18.8 | 17.0 |
| 135 | | | | | | | | | | | 16.8 | 14.8 |
| 140 | | | | | | | | | | | 15.0 | 13.0 |
| 145 | | | | | | | | | | | 13.4 | 11.4 |
| 150 | | | | | | | | | | | 11.8 | 9.8 |
| 155 | | | | | | | | | | | | 8.4 |
| 160 | | | | | | | | | | | | 7.0 |
| 165 | | | | | | | | | | | | 5.8 |
| 170 | | | | | | | | | | | | 4.6 |
| 175 | | | | | | | | | | | | 3.6 |

Loads > 420,000 lb can only be lifted with additional equipment

 16,0 m - 45 m
(53 ft - 148 ft)
  0 kg
(0 lb)
  29 ft 2 in spread
(100%)
  360°

| | | Pounds (thousands) | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Feet | 52.6 | 68.4 | 84.3 | 88.9 | 100.1 | 115.9 | 125.1 | 131.7 | 147.6 |
| 10 | 586.0 | 584.0 | | | | | | | |
| 15 | 440.0 | 366.0 | | | | | | | |
| 20 | 199.0 | 180.0 | 163.0 | 159.0 | 146.0 | 130.0 | 124.0 | | |
| 25 | 114.0 | 111.0 | 106.0 | 104.0 | 99.0 | 90.0 | 87.0 | 81.0 | 53.0 |
| 30 | 72.0 | 75.0 | 74.0 | 73.0 | 71.0 | 66.0 | 64.0 | 60.0 | 40.2 |
| 35 | 49.0 | 53.0 | 54.0 | 54.0 | 53.0 | 50.0 | 49.0 | 45.0 | 30.6 |
| 40 | 34.0 | 38.6 | 40.6 | 41.0 | 40.4 | 38.2 | 37.6 | 34.8 | 23.4 |
| 45 | | 28.2 | 30.8 | 31.4 | 31.4 | 29.8 | 29.4 | 27.0 | 17.6 |
| 50 | | 20.6 | 23.4 | 24.0 | 24.4 | 23.0 | 23.0 | 20.8 | 13.0 |
| 55 | | | 17.6 | 18.2 | 18.8 | 17.8 | 17.8 | 16.0 | 9.2 |
| 60 | | | 13.0 | 13.6 | 14.2 | 13.6 | 13.6 | 11.8 | 6.0 |
| 65 | | | 9.2 | 9.8 | 10.6 | 10.0 | 10.2 | 8.4 | |
| 70 | | | 6.0 | 6.8 | 7.6 | 7.0 | 7.2 | 5.6 | |
| 75 | | | | 4.0 | 5.0 | 4.4 | 4.8 | | |

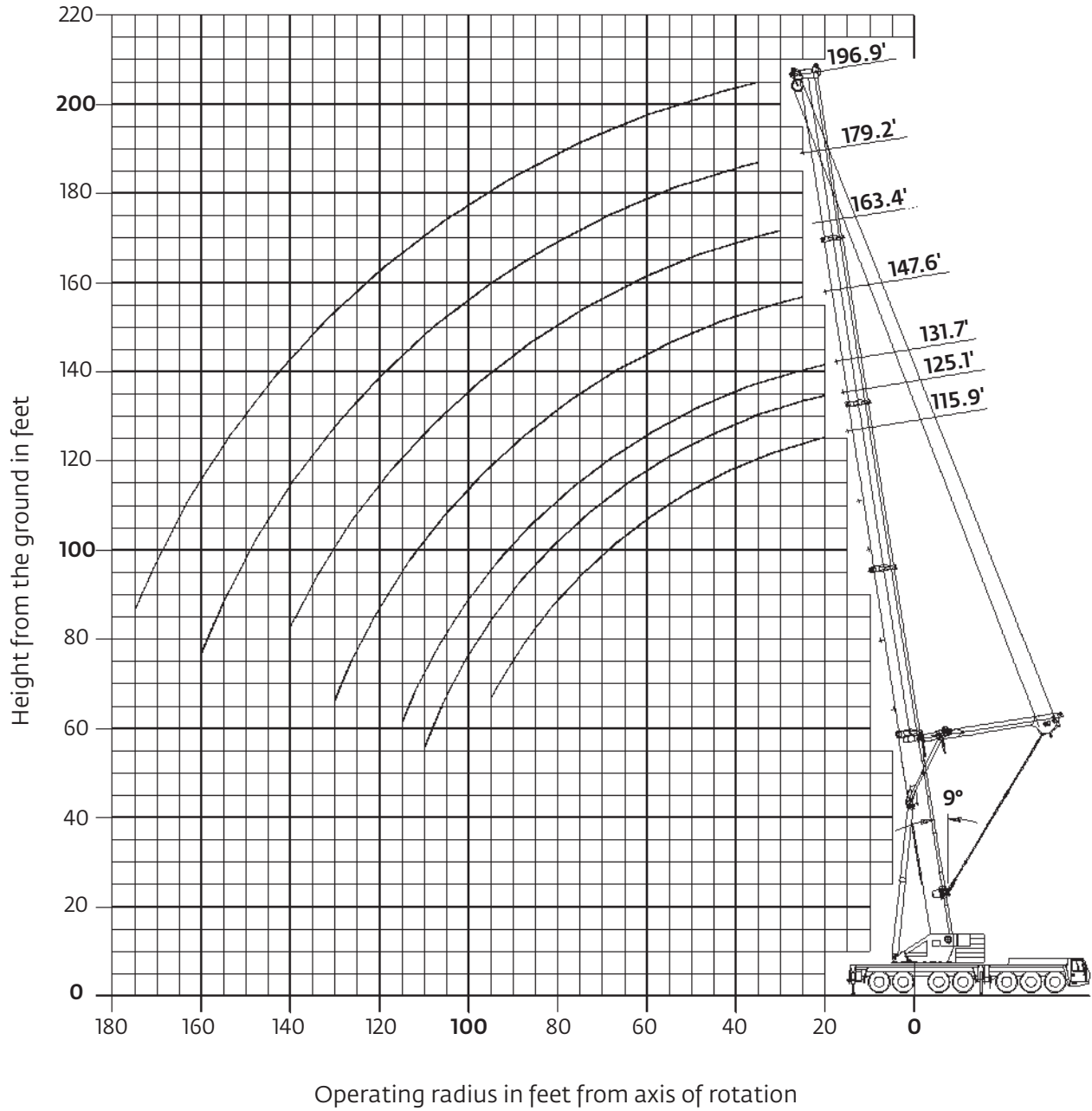
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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

Working range

Main boom and MegaWingLift™

197 ft main boom



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

Load charts

Main boom and MegaWingLift™






35,3 m - 60 m (116 ft - 197 ft)
 160 000 kg (352,700 lb)
 29 ft 2 in spread (100%)
 360°

| Feet | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
|------|-------|-------|-------|-------|-------|-------|-------|
| 20 | 352.0 | 270.0 | 330.0 | | | | |
| 25 | 324.0 | 254.0 | 310.0 | 298.0 | | | |
| 30 | 298.0 | 242.0 | 280.0 | 268.0 | 222.0 | 213.0 | |
| 35 | 274.0 | 230.0 | 258.0 | 244.0 | 211.0 | 200.0 | 167.0 |
| 40 | 242.0 | 219.0 | 240.0 | 226.0 | 200.0 | 186.0 | 158.0 |
| 45 | 222.0 | 209.0 | 219.0 | 212.0 | 190.0 | 175.0 | 149.0 |
| 50 | 200.0 | 195.0 | 197.0 | 193.0 | 181.0 | 164.0 | 142.0 |
| 55 | 182.0 | 180.0 | 181.0 | 175.0 | 172.0 | 154.0 | 134.0 |
| 60 | 166.0 | 167.0 | 166.0 | 163.0 | 161.0 | 146.0 | 127.0 |
| 65 | 153.0 | 153.0 | 153.0 | 152.0 | 147.0 | 138.0 | 121.0 |
| 70 | 140.0 | 141.0 | 140.0 | 139.0 | 138.0 | 130.0 | 115.0 |
| 75 | 129.0 | 130.0 | 129.0 | 128.0 | 127.0 | 124.0 | 110.0 |
| 80 | 120.0 | 120.0 | 120.0 | 119.0 | 118.0 | 116.0 | 104.0 |
| 85 | 111.0 | 112.0 | 111.0 | 110.0 | 109.0 | 108.0 | 100.0 |
| 90 | 104.0 | 104.0 | 104.0 | 103.0 | 102.0 | 100.0 | 96.0 |
| 95 | 97.0 | 97.0 | 97.0 | 96.0 | 95.0 | 93.0 | 91.0 |
| 100 | | 91.0 | 91.0 | 90.0 | 89.0 | 87.0 | 87.0 |
| 105 | | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 |
| 110 | | 73.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 115 | | | 71.0 | 75.0 | 73.0 | 72.0 | 72.0 |
| 120 | | | | 70.0 | 69.0 | 68.0 | 68.0 |
| 125 | | | | 67.0 | 65.0 | 63.0 | 64.0 |
| 130 | | | | 58.0 | 61.0 | 60.0 | 60.0 |
| 135 | | | | | 58.0 | 56.0 | 56.0 |
| 140 | | | | | 54.0 | 53.0 | 53.0 |
| 145 | | | | | | 49.0 | 50.0 |
| 150 | | | | | | 46.0 | 47.0 |
| 155 | | | | | | 43.6 | 44.0 |
| 160 | | | | | | 38.4 | 41.4 |
| 165 | | | | | | | 39.0 |
| 170 | | | | | | | 36.8 |
| 175 | | | | | | | 33.8 |






35,3 m - 60 m (116 ft - 197 ft)
 120 000 kg (264,500 lb)
 29 ft 2 in spread (100%)
 360°

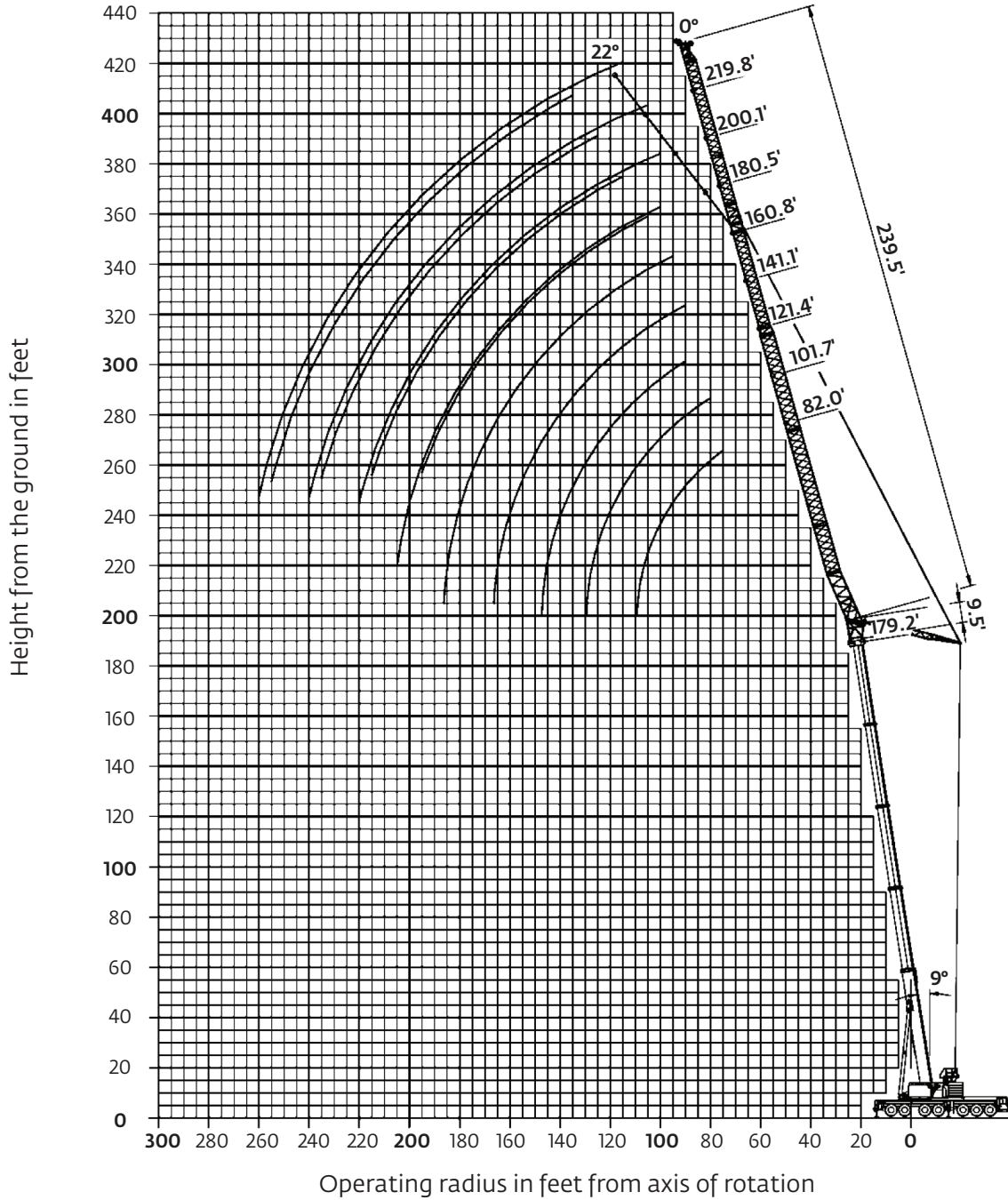
| Feet | 115.9 | 125.1 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
|------|-------|-------|-------|-------|-------|-------|-------|
| 20 | 352.0 | 270.0 | 330.0 | | | | |
| 25 | 324.0 | 254.0 | 310.0 | 298.0 | | | |
| 30 | 298.0 | 242.0 | 280.0 | 268.0 | 222.0 | 213.0 | |
| 35 | 260.0 | 230.0 | 258.0 | 244.0 | 211.0 | 200.0 | 167.0 |
| 40 | 236.0 | 219.0 | 232.0 | 226.0 | 200.0 | 186.0 | 158.0 |
| 45 | 208.0 | 204.0 | 206.0 | 202.0 | 190.0 | 175.0 | 149.0 |
| 50 | 185.0 | 186.0 | 186.0 | 185.0 | 180.0 | 164.0 | 142.0 |
| 55 | 167.0 | 167.0 | 167.0 | 166.0 | 165.0 | 154.0 | 134.0 |
| 60 | 151.0 | 152.0 | 151.0 | 150.0 | 149.0 | 146.0 | 127.0 |
| 65 | 137.0 | 138.0 | 138.0 | 137.0 | 136.0 | 134.0 | 121.0 |
| 70 | 125.0 | 126.0 | 125.0 | 124.0 | 123.0 | 122.0 | 115.0 |
| 75 | 115.0 | 115.0 | 115.0 | 114.0 | 112.0 | 111.0 | 110.0 |
| 80 | 104.0 | 105.0 | 104.0 | 103.0 | 102.0 | 100.0 | 100.0 |
| 85 | 94.0 | 95.0 | 95.0 | 93.0 | 92.0 | 90.0 | 91.0 |
| 90 | 86.0 | 87.0 | 86.0 | 85.0 | 84.0 | 82.0 | 83.0 |
| 95 | 79.0 | 80.0 | 79.0 | 78.0 | 77.0 | 75.0 | 76.0 |
| 100 | | 74.0 | 73.0 | 72.0 | 71.0 | 69.0 | 69.0 |
| 105 | | 68.0 | 67.0 | 66.0 | 65.0 | 63.0 | 64.0 |
| 110 | | 63.0 | 63.0 | 61.0 | 60.0 | 58.0 | 59.0 |
| 115 | | | 58.0 | 57.0 | 56.0 | 54.0 | 54.0 |
| 120 | | | | 53.0 | 52.0 | 50.0 | 50.0 |
| 125 | | | | 49.0 | 48.0 | 46.0 | 46.0 |
| 130 | | | | 46.0 | 45.0 | 42.8 | 43.0 |
| 135 | | | | | 41.4 | 39.6 | 40.0 |
| 140 | | | | | 38.6 | 36.8 | 37.2 |
| 145 | | | | | | 34.2 | 34.4 |
| 150 | | | | | | 31.8 | 32.0 |
| 155 | | | | | | 29.6 | 29.8 |
| 160 | | | | | | 27.6 | 27.6 |
| 165 | | | | | | | 25.8 |
| 170 | | | | | | | 23.8 |
| 175 | | | | | | | 22.2 |

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

Working range

Luffing jib


82 ft - 240 ft luffing jib - 81° main boom





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


Load charts


Luffing jib


 81°
 16.0 m + 2.9 m
 (52.6 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)

 360°

| | |  Pounds (thousands) | | | | | | | | |
|------|-------|--|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 40 | 169.0 | 144.0 | | | | | | | | |
| 45 | 160.0 | 140.0 | | | | | | | | |
| 50 | 151.0 | 136.0 | 114.0 | 92.0 | | | | | | |
| 55 | 142.0 | 132.0 | 111.0 | 91.0 | | | | | | |
| 60 | 134.0 | 129.0 | 109.0 | 89.0 | 73.0 | | | | | |
| 65 | 128.0 | 125.0 | 106.0 | 88.0 | 72.0 | | | | | |
| 70 | 118.0 | 122.0 | 104.0 | 86.0 | 70.0 | 56.0 | 42.6 | | | |
| 75 | 102.0 | 118.0 | 102.0 | 84.0 | 69.0 | 54.0 | 41.4 | 32.6 | | |
| 80 | 86.0 | 108.0 | 99.0 | 83.0 | 67.0 | 53.0 | 40.4 | 31.6 | 23.4 | |
| 85 | 70.0 | 96.0 | 96.0 | 81.0 | 65.0 | 52.0 | 39.2 | 30.8 | 22.8 | |
| 90 | | 86.0 | 93.0 | 80.0 | 64.0 | 50.0 | 38.2 | 29.8 | 22.0 | |
| 95 | | 75.0 | 88.0 | 78.0 | 62.0 | 49.0 | 37.2 | 29.0 | 21.4 | |
| 100 | | 65.0 | 80.0 | 76.0 | 61.0 | 47.0 | 36.2 | 28.0 | 20.6 | |
| 105 | | | 73.0 | 74.0 | 59.0 | 46.0 | 35.2 | 27.0 | 20.0 | |
| 110 | | | 65.0 | 71.0 | 58.0 | 45.0 | 34.4 | 26.2 | 19.4 | |
| 115 | | | 58.0 | 68.0 | 57.0 | 43.6 | 33.4 | 25.2 | 18.8 | |
| 120 | | | 51.0 | 62.0 | 56.0 | 42.6 | 32.6 | 24.2 | 18.2 | |
| 125 | | | | 57.0 | 54.0 | 41.6 | 31.8 | 23.2 | 17.6 | |
| 130 | | | | 51.0 | 53.0 | 40.6 | 31.0 | 22.6 | 17.2 | |
| 135 | | | | 46.0 | 50.0 | 39.6 | 30.2 | 22.0 | 16.6 | |
| 140 | | | | | 47.0 | 38.8 | 29.4 | 21.4 | 16.0 | |
| 145 | | | | | 43.2 | 38.0 | 28.4 | 20.8 | 15.4 | |
| 150 | | | | | 39.6 | 37.0 | 27.6 | 20.2 | 15.0 | |
| 155 | | | | | 36.2 | 36.2 | 26.6 | 19.6 | 14.6 | |
| 160 | | | | | | 35.0 | 25.8 | 19.2 | 14.2 | |
| 165 | | | | | | 33.4 | 24.8 | 18.6 | 13.6 | |
| 170 | | | | | | 31.8 | 24.4 | 18.2 | 13.2 | |
| 175 | | | | | | 29.6 | 23.8 | 17.8 | 12.8 | |
| 180 | | | | | | | 23.2 | 17.2 | 12.4 | |
| 185 | | | | | | | 22.8 | 16.8 | 12.0 | |
| 190 | | | | | | | 22.2 | 16.4 | 11.6 | |
| 195 | | | | | | | 21.6 | 15.8 | 11.2 | |
| 200 | | | | | | | | 15.6 | 11.0 | |
| 205 | | | | | | | | 15.2 | 10.6 | |
| 210 | | | | | | | | 14.8 | 10.2 | |
| 215 | | | | | | | | 14.4 | 9.8 | |
| 220 | | | | | | | | | 9.6 | |
| 225 | | | | | | | | | 9.2 | |
| 230 | | | | | | | | | 9.0 | |
| 235 | | | | | | | | | 8.6 | |


 81°
 25.7 m + 2.9 m
 (84.3 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)








 360°








| | |  Pounds (thousands) | | | | | | | | |
|------|-------|--|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 40 | | | | | | | | | | |
| 45 | 154.0 | | | | | | | | | |
| 50 | 145.0 | 125.0 | | | | | | | | |
| 55 | 137.0 | 123.0 | 100.0 | | | | | | | |
| 60 | 129.0 | 120.0 | 99.0 | 79.0 | | | | | | |
| 65 | 122.0 | 118.0 | 98.0 | 79.0 | | | | | | |
| 70 | 117.0 | 116.0 | 97.0 | 79.0 | 63.0 | | | | | |
| 75 | 112.0 | 113.0 | 95.0 | 78.0 | 62.0 | 49.0 | 38.4 | | | |
| 80 | 107.0 | 111.0 | 93.0 | 77.0 | 61.0 | 48.0 | 37.6 | 29.6 | | |
| 85 | 100.0 | 109.0 | 92.0 | 76.0 | 60.0 | 47.0 | 36.8 | 28.6 | | |
| 90 | 81.0 | 105.0 | 90.0 | 75.0 | 59.0 | 46.0 | 36.0 | 27.8 | 21.0 | |
| 95 | | 98.0 | 89.0 | 74.0 | 58.0 | 45.0 | 35.0 | 26.8 | 20.4 | |
| 100 | | 87.0 | 88.0 | 73.0 | 57.0 | 44.0 | 34.2 | 26.0 | 20.0 | |
| 105 | | 75.0 | 87.0 | 72.0 | 55.0 | 43.2 | 33.6 | 25.0 | 19.4 | |
| 110 | | 62.0 | 81.0 | 71.0 | 54.0 | 42.2 | 32.8 | 24.4 | 18.8 | |
| 115 | | | 75.0 | 70.0 | 53.0 | 41.4 | 32.0 | 23.8 | 18.2 | |
| 120 | | | 67.0 | 69.0 | 52.0 | 40.6 | 31.2 | 23.2 | 17.6 | |
| 125 | | | | 68.0 | 51.0 | 39.8 | 30.6 | 22.6 | 17.2 | |
| 130 | | | | 64.0 | 50.0 | 39.0 | 29.8 | 22.0 | 16.6 | |
| 135 | | | | 59.0 | 48.0 | 38.0 | 29.2 | 21.4 | 16.2 | |
| 140 | | | | 53.0 | 47.0 | 37.4 | 28.6 | 21.0 | 15.8 | |
| 145 | | | | | 45.0 | 36.6 | 27.8 | 20.4 | 15.2 | |
| 150 | | | | | 43.6 | 35.8 | 27.2 | 20.0 | 14.8 | |
| 155 | | | | | 42.2 | 35.2 | 26.4 | 19.4 | 14.4 | |
| 160 | | | | | 40.6 | 34.4 | 25.8 | 18.8 | 14.0 | |
| 165 | | | | | | 33.6 | 25.0 | 18.4 | 13.6 | |
| 170 | | | | | | 33.0 | 24.2 | 18.0 | 13.2 | |
| 175 | | | | | | 32.4 | 23.4 | 17.6 | 12.8 | |
| 180 | | | | | | 31.8 | 22.8 | 17.0 | 12.4 | |
| 185 | | | | | | | 22.4 | 16.6 | 12.0 | |
| 190 | | | | | | | 22.0 | 16.2 | 11.6 | |
| 195 | | | | | | | 21.4 | 15.8 | 11.2 | |
| 200 | | | | | | | 21.0 | 15.4 | 10.8 | |
| 205 | | | | | | | | 15.0 | 10.6 | |
| 210 | | | | | | | | 14.6 | 10.2 | |
| 215 | | | | | | | | 14.2 | 9.8 | |
| 220 | | | | | | | | 13.8 | 9.6 | |
| 225 | | | | | | | | | 9.2 | |
| 230 | | | | | | | | | 9.0 | |
| 235 | | | | | | | | | 8.6 | |

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Load charts

Luffing jib

|  81° 35,3 m + 2,9 m (115.9 ft + 9.5 ft)  25 m - 73 m (82 ft - 240 ft)  120 000 kg (264,500 lb)  29 ft 2 in spread (100%)  360° | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|   Pounds (thousands) | | | | | | | | | |
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
| 45 | | | | | | | | | |
| 50 | 116.0 | | | | | | | | |
| 55 | 113.0 | | | | | | | | |
| 60 | 107.0 | 99.0 | | | | | | | |
| 65 | 102.0 | 95.0 | | | | | | | |
| 70 | 97.0 | 92.0 | 80.0 | | | | | | |
| 75 | 93.0 | 88.0 | 79.0 | 65.0 | | | | | |
| 80 | 89.0 | 84.0 | 77.0 | 64.0 | 51.0 | | | | |
| 85 | 85.0 | 80.0 | 75.0 | 64.0 | 50.0 | 39.8 | | | |
| 90 | 82.0 | 77.0 | 72.0 | 63.0 | 49.0 | 39.2 | 31.2 | | |
| 95 | 79.0 | 74.0 | 70.0 | 62.0 | 49.0 | 38.8 | 30.6 | 23.8 | |
| 100 | | 72.0 | 67.0 | 61.0 | 48.0 | 38.2 | 30.2 | 23.0 | 18.4 |
| 105 | | 69.0 | 65.0 | 60.0 | 47.0 | 37.6 | 29.6 | 22.6 | 17.4 |
| 110 | | 67.0 | 62.0 | 58.0 | 47.0 | 37.2 | 29.2 | 22.2 | 17.0 |
| 115 | | 64.0 | 60.0 | 56.0 | 46.0 | 36.6 | 28.6 | 21.6 | 16.6 |
| 120 | | | 58.0 | 55.0 | 45.0 | 36.0 | 28.2 | 21.2 | 16.2 |
| 125 | | | 57.0 | 53.0 | 45.0 | 35.6 | 27.6 | 20.8 | 15.8 |
| 130 | | | 55.0 | 52.0 | 44.0 | 35.0 | 27.2 | 20.4 | 15.4 |
| 135 | | | | 50.0 | 43.6 | 34.4 | 26.6 | 20.0 | 15.0 |
| 140 | | | | 49.0 | 43.0 | 33.8 | 26.0 | 19.4 | 14.6 |
| 145 | | | | 48.0 | 42.4 | 33.4 | 25.2 | 19.0 | 14.2 |
| 150 | | | | 47.0 | 41.8 | 32.8 | 24.6 | 18.6 | 14.0 |
| 155 | | | | | 41.2 | 32.4 | 24.0 | 18.2 | 13.6 |
| 160 | | | | | 40.6 | 31.8 | 23.6 | 17.8 | 13.2 |
| 165 | | | | | 40.2 | 31.2 | 23.0 | 17.4 | 12.8 |
| 170 | | | | | 39.6 | 30.8 | 22.6 | 17.0 | 12.4 |
| 175 | | | | | | 30.2 | 22.2 | 16.6 | 12.2 |
| 180 | | | | | | 29.8 | 21.8 | 16.4 | 11.8 |
| 185 | | | | | | 29.2 | 21.4 | 16.0 | 11.4 |
| 190 | | | | | | 28.8 | 21.0 | 15.6 | 11.2 |
| 195 | | | | | | | 20.6 | 15.2 | 10.8 |
| 200 | | | | | | | 20.2 | 14.8 | 10.6 |
| 205 | | | | | | | 19.8 | 14.4 | 10.2 |
| 210 | | | | | | | | 14.2 | 9.8 |
| 215 | | | | | | | | 13.8 | 9.6 |
| 220 | | | | | | | | 13.6 | 9.2 |
| 225 | | | | | | | | 13.2 | 9.0 |
| 230 | | | | | | | | | 8.8 |
| 235 | | | | | | | | | 8.4 |
| 240 | | | | | | | | | 8.2 |

|  81° 45.0 m + 2.9 m (147.6 ft + 9.5 ft)  25 m - 73 m (82 ft - 240 ft)  120 000 kg (264,500 lb)  29 ft 2 in spread (100%)  360° | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|
|   Pounds (thousands) | | | | | | | | | |
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
| 55 | | | | | | | | | |
| 60 | 86.0 | | | | | | | | |
| 65 | 83.0 | | | | | | | | |
| 70 | 79.0 | 70.0 | | | | | | | |
| 75 | 75.0 | 67.0 | 57.0 | 45.0 | | | | | |
| 80 | 71.0 | 65.0 | 57.0 | 45.0 | 37.2 | | | | |
| 85 | 68.0 | 62.0 | 57.0 | 45.0 | 37.2 | | | | |
| 90 | 65.0 | 60.0 | 55.0 | 45.0 | 37.2 | 29.8 | 23.2 | | |
| 95 | 62.0 | 58.0 | 54.0 | 45.0 | 37.0 | 29.8 | 23.2 | 18.0 | |
| 100 | 59.0 | 56.0 | 52.0 | 45.0 | 36.8 | 29.4 | 23.2 | 18.0 | 13.6 |
| 105 | | 53.0 | 50.0 | 45.0 | 36.4 | 29.2 | 22.8 | 18.0 | 13.6 |
| 110 | | 52.0 | 49.0 | 45.0 | 36.2 | 29.0 | 22.6 | 17.8 | 13.6 |
| 115 | | 50.0 | 47.0 | 44.0 | 36.0 | 28.8 | 22.4 | 17.6 | 13.4 |
| 120 | | 49.0 | 46.0 | 42.6 | 35.8 | 28.6 | 22.2 | 17.4 | 13.2 |
| 125 | | | 44.0 | 41.2 | 35.4 | 28.2 | 22.0 | 17.2 | 13.0 |
| 130 | | | 43.0 | 40.0 | 35.2 | 28.0 | 21.6 | 16.8 | 12.8 |
| 135 | | | 41.8 | 38.8 | 35.0 | 27.8 | 21.4 | 16.6 | 12.6 |
| 140 | | | 40.4 | 37.6 | 34.6 | 27.6 | 21.2 | 16.4 | 12.2 |
| 145 | | | | 36.4 | 33.8 | 27.2 | 20.8 | 16.2 | 12.0 |
| 150 | | | | 35.4 | 33.2 | 27.0 | 20.6 | 15.8 | 11.8 |
| 155 | | | | 34.4 | 32.4 | 26.8 | 20.4 | 15.6 | 11.6 |
| 160 | | | | | 31.8 | 26.4 | 20.0 | 15.4 | 11.4 |
| 165 | | | | | 31.0 | 26.0 | 19.8 | 15.0 | 11.0 |
| 170 | | | | | 30.2 | 25.6 | 19.6 | 14.8 | 10.8 |
| 175 | | | | | 29.2 | 25.4 | 19.2 | 14.6 | 10.6 |
| 180 | | | | | | 25.0 | 19.0 | 14.4 | 10.4 |
| 185 | | | | | | 24.6 | 18.8 | 14.0 | 10.0 |
| 190 | | | | | | 24.4 | 18.4 | 13.8 | 9.8 |
| 195 | | | | | | 24.0 | 18.2 | 13.6 | 9.6 |
| 200 | | | | | | | 18.0 | 13.2 | 9.4 |
| 205 | | | | | | | 17.6 | 13.0 | 9.2 |
| 210 | | | | | | | 17.4 | 12.8 | 9.0 |
| 215 | | | | | | | 17.2 | 12.6 | 8.6 |
| 220 | | | | | | | | 12.2 | 8.4 |
| 225 | | | | | | | | 12.0 | 8.2 |
| 230 | | | | | | | | 11.8 | 8.0 |
| 235 | | | | | | | | 11.6 | 7.8 |
| 240 | | | | | | | | | 7.6 |
| 245 | | | | | | | | | 7.4 |

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Load charts

Luffing jib

 81°
 49,8 m + 2,9 m
 (163.4 ft + 9.5 ft)


 25 m - 73 m
 (82 ft - 240 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 65 | | | | | | | | | |
| 70 | 67.0 | | | | | | | | |
| 75 | 64.0 | 57.0 | | | | | | | |
| 80 | 62.0 | 57.0 | 45.0 | 37.0 | | | | | |
| 85 | 59.0 | 55.0 | 45.0 | 37.0 | | | | | |
| 90 | 57.0 | 53.0 | 45.0 | 37.0 | 29.2 | | | | |
| 95 | 55.0 | 51.0 | 45.0 | 37.0 | 29.2 | 23.8 | 19.2 | | |
| 100 | 53.0 | 50.0 | 45.0 | 37.0 | 29.2 | 23.8 | 19.2 | 14.6 | |
| 105 | | 48.0 | 44.0 | 37.0 | 29.2 | 23.6 | 19.0 | 14.6 | 10.8 |
| 110 | | 46.0 | 43.2 | 37.0 | 29.2 | 23.6 | 19.0 | 14.6 | 10.8 |
| 115 | | 45.0 | 41.8 | 37.0 | 29.2 | 23.4 | 18.8 | 14.4 | 10.8 |
| 120 | | 43.4 | 40.6 | 36.6 | 29.2 | 23.2 | 18.6 | 14.4 | 10.6 |
| 125 | | | 39.2 | 35.8 | 29.2 | 23.2 | 18.6 | 14.2 | 10.6 |
| 130 | | | 38.0 | 34.8 | 29.2 | 23.0 | 18.4 | 14.0 | 10.4 |
| 135 | | | 36.8 | 34.0 | 29.2 | 22.8 | 18.2 | 13.8 | 10.2 |
| 140 | | | 35.8 | 33.0 | 28.8 | 22.6 | 18.0 | 13.6 | 10.2 |
| 145 | | | | 32.0 | 28.6 | 22.6 | 17.8 | 13.6 | 10.0 |
| 150 | | | | 31.0 | 28.2 | 22.4 | 17.6 | 13.4 | 9.8 |
| 155 | | | | 30.0 | 27.8 | 22.2 | 17.6 | 13.2 | 9.6 |
| 160 | | | | 29.2 | 27.4 | 22.0 | 17.4 | 13.0 | 9.4 |
| 165 | | | | | 27.0 | 21.8 | 17.2 | 12.8 | 9.4 |
| 170 | | | | | 26.2 | 21.8 | 17.0 | 12.6 | 9.2 |
| 175 | | | | | 25.4 | 21.6 | 16.8 | 12.6 | 9.0 |
| 180 | | | | | 24.8 | 21.4 | 16.6 | 12.4 | 8.8 |
| 185 | | | | | | 21.2 | 16.4 | 12.2 | 8.6 |
| 190 | | | | | | 21.0 | 16.2 | 12.0 | 8.4 |
| 195 | | | | | | 20.6 | 16.0 | 11.8 | 8.4 |
| 200 | | | | | | 20.4 | 16.0 | 11.6 | 8.2 |
| 205 | | | | | | | 15.8 | 11.4 | 8.0 |
| 210 | | | | | | | 15.6 | 11.4 | 7.8 |
| 215 | | | | | | | 15.4 | 11.2 | 7.6 |
| 220 | | | | | | | 15.2 | 11.0 | 7.4 |
| 225 | | | | | | | | 10.8 | 7.2 |
| 230 | | | | | | | | 10.6 | 7.0 |
| 235 | | | | | | | | 10.4 | 7.0 |
| 240 | | | | | | | | 10.2 | 6.8 |
| 245 | | | | | | | | | 6.6 |
| 250 | | | | | | | | | 6.4 |
| 255 | | | | | | | | | 6.2 |

 81°
 54,6 m + 2,9 m
 (179.2 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)

 360°

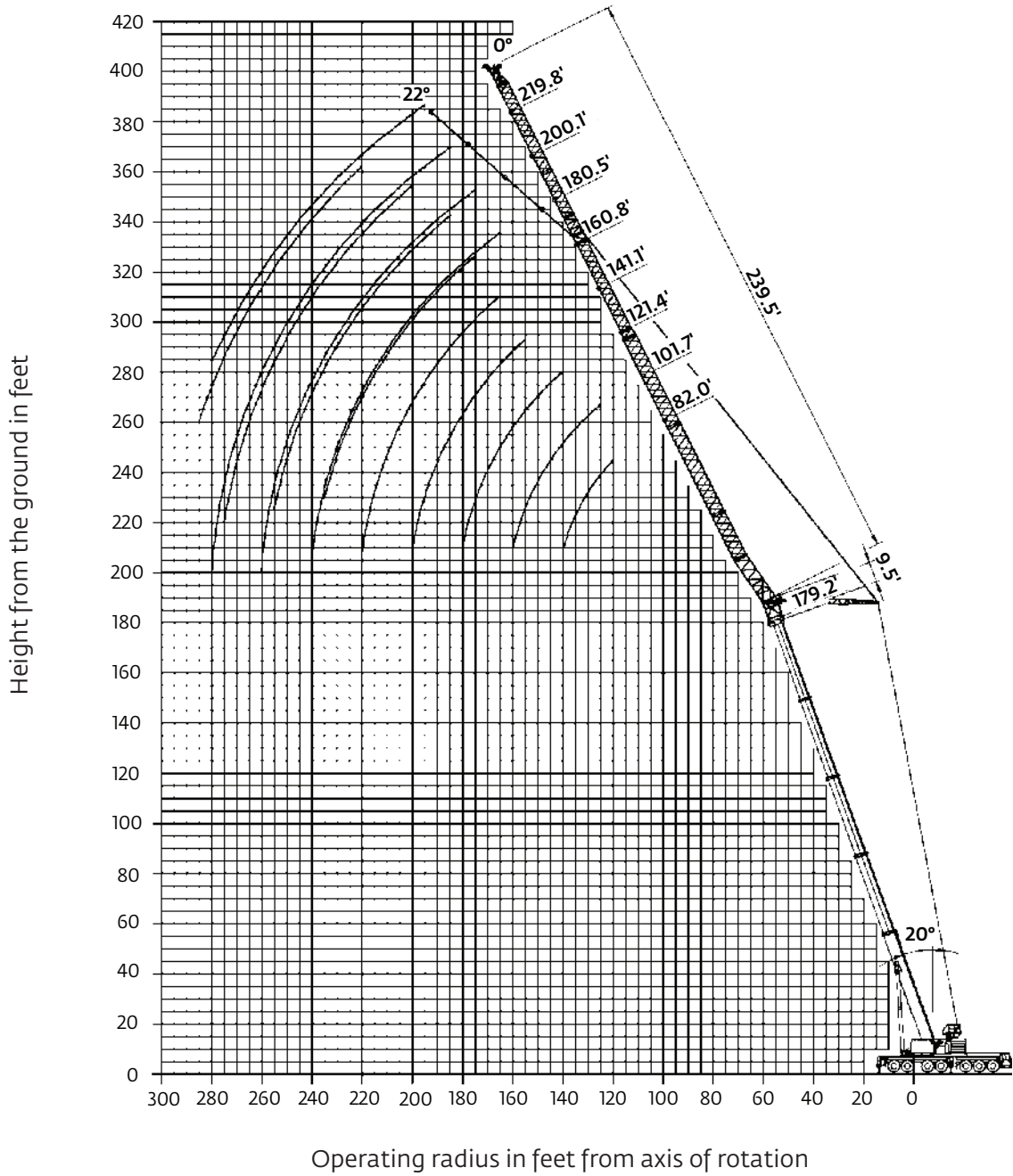
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 70 | | | | | | | | | |
| 75 | 55.0 | | | | | | | | |
| 80 | 55.0 | 45.0 | | | | | | | |
| 85 | 55.0 | 45.0 | | | | | | | |
| 90 | 53.0 | 45.0 | 36.6 | 29.8 | | | | | |
| 95 | 51.0 | 45.0 | 36.6 | 29.8 | 23.8 | | | | |
| 100 | 49.0 | 45.0 | 36.6 | 29.8 | 23.8 | 19.6 | 15.2 | | |
| 105 | 47.0 | 43.2 | 36.6 | 29.8 | 23.8 | 19.6 | 15.2 | 11.6 | |
| 110 | 45.0 | 41.8 | 36.6 | 29.8 | 23.8 | 19.6 | 15.2 | 11.6 | 8.4 |
| 115 | | 40.4 | 36.6 | 29.8 | 23.8 | 19.4 | 15.2 | 11.6 | 8.4 |
| 120 | | 39.0 | 36.2 | 29.8 | 23.8 | 19.4 | 15.0 | 11.6 | 8.4 |
| 125 | | 37.8 | 35.2 | 29.8 | 23.8 | 19.2 | 15.0 | 11.6 | 8.4 |
| 130 | | 36.4 | 34.0 | 29.8 | 23.8 | 19.2 | 15.0 | 11.4 | 8.2 |
| 135 | | | 33.0 | 29.8 | 23.8 | 19.0 | 14.8 | 11.4 | 8.2 |
| 140 | | | 32.0 | 29.2 | 23.8 | 19.0 | 14.8 | 11.2 | 8.0 |
| 145 | | | 31.0 | 28.4 | 23.8 | 18.8 | 14.6 | 11.2 | 8.0 |
| 150 | | | 30.0 | 27.4 | 23.8 | 18.8 | 14.6 | 11.0 | 7.8 |
| 155 | | | | 26.6 | 23.6 | 18.6 | 14.4 | 11.0 | 7.8 |
| 160 | | | | 25.8 | 23.4 | 18.6 | 14.4 | 10.8 | 7.6 |
| 165 | | | | 25.2 | 23.2 | 18.4 | 14.2 | 10.8 | 7.6 |
| 170 | | | | 24.4 | 23.0 | 18.4 | 14.2 | 10.6 | 7.4 |
| 175 | | | | | 22.4 | 18.2 | 14.0 | 10.4 | 7.4 |
| 180 | | | | | 21.8 | 18.2 | 13.8 | 10.4 | 7.2 |
| 185 | | | | | 21.2 | 18.0 | 13.8 | 10.2 | 7.2 |
| 190 | | | | | 20.4 | 18.0 | 13.6 | 10.2 | 7.0 |
| 195 | | | | | | 17.6 | 13.6 | 10.0 | 6.8 |
| 200 | | | | | | 17.2 | 13.4 | 10.0 | 6.8 |
| 205 | | | | | | 16.8 | 13.4 | 9.8 | 6.6 |
| 210 | | | | | | | 13.2 | 9.6 | 6.6 |
| 215 | | | | | | | 13.0 | 9.6 | 6.4 |
| 220 | | | | | | | 13.0 | 9.4 | 6.2 |
| 225 | | | | | | | | 9.2 | 6.2 |
| 230 | | | | | | | | 9.2 | 6.0 |
| 235 | | | | | | | | 9.0 | 5.8 |
| 240 | | | | | | | | 8.8 | 5.8 |
| 245 | | | | | | | | | 5.6 |
| 250 | | | | | | | | | 5.6 |
| 255 | | | | | | | | | 5.4 |
| 260 | | | | | | | | | 5.2 |

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Working range

Luffing jib


82 ft - 240 ft luffing jib - 70° main boom





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


Load charts


Luffing jib

 70°
 16,0 m + 2,9 m
 (52.6 ft + 9.5 ft)


 25 m - 73 m
 (82 ft - 240 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°


| | | Pounds (thousands) | | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 60 | 152.0 | | | | | | | | | |
| 65 | 142.0 | | | | | | | | | |
| 70 | 134.0 | | | | | | | | | |
| 75 | 128.0 | 125.0 | | | | | | | | |
| 80 | 120.0 | 119.0 | | | | | | | | |
| 85 | 112.0 | 112.0 | | | | | | | | |
| 90 | 104.0 | 105.0 | 100.0 | | | | | | | |
| 95 | | 98.0 | 97.0 | 81.0 | | | | | | |
| 100 | | 92.0 | 91.0 | 80.0 | 64.0 | | | | | |
| 105 | | 86.0 | 85.0 | 79.0 | 62.0 | | | | | |
| 110 | | 78.0 | 80.0 | 77.0 | 61.0 | | | | | |
| 115 | | | 76.0 | 75.0 | 59.0 | 46.0 | | | | |
| 120 | | | 72.0 | 71.0 | 58.0 | 45.0 | 34.4 | | | |
| 125 | | | 68.0 | 67.0 | 57.0 | 43.6 | 33.4 | 25.4 | | |
| 130 | | | 61.0 | 64.0 | 56.0 | 42.6 | 32.6 | 24.4 | | |
| 135 | | | | 61.0 | 54.0 | 41.6 | 31.8 | 23.4 | 17.6 | |
| 140 | | | | 58.0 | 53.0 | 40.6 | 31.0 | 22.6 | 17.2 | |
| 145 | | | | 55.0 | 51.0 | 39.6 | 30.2 | 22.0 | 16.6 | |
| 150 | | | | 49.0 | 50.0 | 38.8 | 29.4 | 21.4 | 16.0 | |
| 155 | | | | | 48.0 | 38.0 | 28.8 | 20.8 | 15.6 | |
| 160 | | | | | 45.0 | 37.0 | 28.0 | 20.2 | 15.0 | |
| 165 | | | | | 43.2 | 36.2 | 27.2 | 19.8 | 14.6 | |
| 170 | | | | | 40.0 | 35.4 | 26.4 | 19.2 | 14.2 | |
| 175 | | | | | | 34.6 | 25.6 | 18.8 | 13.6 | |
| 180 | | | | | | 34.0 | 24.8 | 18.2 | 13.2 | |
| 185 | | | | | | 33.0 | 24.0 | 17.8 | 12.8 | |
| 190 | | | | | | 31.4 | 23.2 | 17.2 | 12.4 | |
| 195 | | | | | | | 22.6 | 16.8 | 12.0 | |
| 200 | | | | | | | 22.2 | 16.4 | 11.6 | |
| 205 | | | | | | | 21.6 | 16.0 | 11.2 | |
| 210 | | | | | | | | 15.6 | 10.8 | |
| 215 | | | | | | | | 15.0 | 10.6 | |
| 220 | | | | | | | | 14.6 | 10.2 | |
| 225 | | | | | | | | 14.4 | 9.8 | |
| 230 | | | | | | | | | 9.6 | |
| 235 | | | | | | | | | 9.2 | |
| 240 | | | | | | | | | 9.0 | |
| 245 | | | | | | | | | 8.6 | |

 70°
 75,7 m + 2,9 m
 (84.3 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)


 360°

| | | Pounds (thousands) | | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 70 | | | | | | | | | | |
| 75 | 116.0 | | | | | | | | | |
| 80 | 110.0 | | | | | | | | | |
| 85 | 104.0 | | | | | | | | | |
| 90 | 97.0 | 96.0 | | | | | | | | |
| 95 | 90.0 | 89.0 | 89.0 | | | | | | | |
| 100 | 85.0 | 84.0 | 83.0 | | | | | | | |
| 105 | | 78.0 | 78.0 | 75.0 | | | | | | |
| 110 | | 74.0 | 73.0 | 72.0 | | | | | | |
| 115 | | 70.0 | 69.0 | 68.0 | 57.0 | | | | | |
| 120 | | 66.0 | 65.0 | 64.0 | 56.0 | | | | | |
| 125 | | | 62.0 | 61.0 | 55.0 | 42.4 | | | | |
| 130 | | | 59.0 | 58.0 | 54.0 | 41.6 | | | | |
| 135 | | | 56.0 | 55.0 | 53.0 | 40.8 | 31.4 | | | |
| 140 | | | 53.0 | 52.0 | 52.0 | 39.8 | 30.8 | 22.8 | | |
| 145 | | | | 50.0 | 49.0 | 39.0 | 30.0 | 22.2 | 16.8 | |
| 150 | | | | 48.0 | 47.0 | 38.2 | 29.4 | 21.6 | 16.2 | |
| 155 | | | | 46.0 | 45.0 | 37.6 | 28.6 | 21.0 | 15.8 | |
| 160 | | | | 43.6 | 43.2 | 36.8 | 28.0 | 20.4 | 15.4 | |
| 165 | | | | | 41.4 | 36.0 | 27.2 | 20.0 | 14.8 | |
| 170 | | | | | 39.6 | 35.2 | 26.4 | 19.4 | 14.4 | |
| 175 | | | | | 38.0 | 34.6 | 25.6 | 19.0 | 14.0 | |
| 180 | | | | | 36.4 | 33.8 | 24.8 | 18.6 | 13.6 | |
| 185 | | | | | | 33.2 | 24.0 | 18.0 | 13.2 | |
| 190 | | | | | | 32.6 | 23.6 | 17.6 | 12.8 | |
| 195 | | | | | | 31.8 | 23.0 | 17.2 | 12.4 | |
| 200 | | | | | | 30.4 | 22.4 | 16.6 | 12.0 | |
| 205 | | | | | | | 22.0 | 16.2 | 11.6 | |
| 210 | | | | | | | 21.6 | 15.8 | 11.2 | |
| 215 | | | | | | | 21.0 | 15.4 | 11.0 | |
| 220 | | | | | | | 20.6 | 15.0 | 10.6 | |
| 225 | | | | | | | | 14.6 | 10.2 | |
| 230 | | | | | | | | 14.4 | 10.0 | |
| 235 | | | | | | | | 14.0 | 9.6 | |
| 240 | | | | | | | | | 9.4 | |
| 245 | | | | | | | | | 9.0 | |
| 250 | | | | | | | | | 8.8 | |
| 255 | | | | | | | | | 8.4 | |


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Load charts


Luffing jib


 70°
 35,3 m + 2,9 m
 (115.9 ft + 9.5 ft)


 25 m - 73 m
 (82 ft - 240 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°


| | |  Pounds (thousands) | | | | | | | | |
|------|------|--|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 85 | | | | | | | | | | |
| 90 | 72.0 | | | | | | | | | |
| 95 | 69.0 | | | | | | | | | |
| 100 | 66.0 | 63.0 | | | | | | | | |
| 105 | 64.0 | 61.0 | 58.0 | | | | | | | |
| 110 | 61.0 | 58.0 | 55.0 | | | | | | | |
| 115 | 59.0 | 56.0 | 53.0 | | | | | | | |
| 120 | | 54.0 | 52.0 | 49.0 | | | | | | |
| 125 | | 52.0 | 50.0 | 48.0 | | | | | | |
| 130 | | 51.0 | 48.0 | 46.0 | | | | | | |
| 135 | | 50.0 | 47.0 | 44.0 | 43.0 | | | | | |
| 140 | | 46.0 | 43.0 | 41.6 | 41.6 | 36.8 | | | | |
| 145 | | 44.0 | 41.6 | 40.4 | 40.4 | 36.8 | 27.8 | | | |
| 150 | | 42.8 | 40.4 | 39.0 | 39.0 | 35.8 | 27.4 | | | |
| 155 | | 41.6 | 39.2 | 37.8 | 37.8 | 34.8 | 26.8 | 20.2 | | |
| 160 | | | 38.0 | 36.8 | 36.8 | 34.0 | 26.2 | 19.6 | 14.8 | |
| 165 | | | 37.0 | 35.6 | 35.6 | 33.0 | 25.6 | 19.2 | 14.4 | |
| 170 | | | 36.0 | 34.6 | 34.6 | 32.0 | 25.0 | 18.8 | 14.0 | |
| 175 | | | 35.0 | 33.6 | 33.6 | 31.2 | 24.2 | 18.4 | 13.8 | |
| 180 | | | | 32.8 | 32.8 | 30.2 | 23.6 | 18.0 | 13.4 | |
| 185 | | | | 31.6 | 31.6 | 29.4 | 23.2 | 17.6 | 13.0 | |
| 190 | | | | 30.4 | 30.4 | 28.6 | 22.8 | 17.2 | 12.6 | |
| 195 | | | | 29.2 | 29.2 | 27.8 | 22.4 | 16.8 | 12.2 | |
| 200 | | | | | | 27.0 | 22.0 | 16.4 | 12.0 | |
| 205 | | | | | | 26.0 | 21.6 | 16.0 | 11.6 | |
| 210 | | | | | | 25.0 | 21.0 | 15.8 | 11.2 | |
| 215 | | | | | | 24.0 | 20.6 | 15.4 | 11.0 | |
| 220 | | | | | | | 20.2 | 15.0 | 10.6 | |
| 225 | | | | | | | 19.8 | 14.6 | 10.4 | |
| 230 | | | | | | | 19.6 | 14.2 | 10.0 | |
| 235 | | | | | | | 19.2 | 14.0 | 9.8 | |
| 240 | | | | | | | | 13.6 | 9.4 | |
| 245 | | | | | | | | 13.4 | 9.2 | |
| 250 | | | | | | | | | 8.8 | |
| 255 | | | | | | | | | 8.6 | |
| 260 | | | | | | | | | 8.4 | |
| 265 | | | | | | | | | 8.0 | |


 70°
 45,0 m + 2,9 m
 (147.6 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)






 360°

| | |  Pounds (thousands) | | | | | | | | |
|------|------|--|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | |
| 95 | | | | | | | | | | |
| 100 | 51.0 | | | | | | | | | |
| 105 | 51.0 | | | | | | | | | |
| 110 | 49.0 | | | | | | | | | |
| 115 | 46.0 | 42.0 | | | | | | | | |
| 120 | 44.0 | 40.4 | | | | | | | | |
| 125 | 42.0 | 39.0 | 36.8 | | | | | | | |
| 130 | 40.2 | 37.6 | 35.6 | | | | | | | |
| 135 | | 36.4 | 34.4 | 32.0 | | | | | | |
| 140 | | 35.2 | 33.2 | 30.8 | | | | | | |
| 145 | | 34.0 | 32.0 | 29.8 | 28.8 | | | | | |
| 150 | | 33.0 | 31.0 | 28.8 | 27.8 | | | | | |
| 155 | | | 30.0 | 27.8 | 26.8 | | | | | |
| 160 | | | 29.0 | 27.0 | 25.8 | 24.6 | | | | |
| 165 | | | 28.2 | 26.0 | 25.0 | 24.2 | 21.4 | | | |
| 170 | | | 27.4 | 25.4 | 24.4 | 23.4 | 21.2 | 16.4 | | |
| 175 | | | | 24.8 | 24.4 | 22.6 | 20.8 | 16.2 | | |
| 180 | | | | 24.0 | 23.8 | 21.8 | 20.2 | 16.0 | 11.8 | |
| 185 | | | | 23.4 | 23.0 | 21.0 | 19.6 | 15.8 | 11.8 | |
| 190 | | | | 22.8 | 22.4 | 20.4 | 19.0 | 15.6 | 11.4 | |
| 195 | | | | | 21.6 | 19.6 | 18.4 | 15.2 | 11.2 | |
| 200 | | | | | 21.0 | 19.0 | 17.8 | 15.0 | 11.0 | |
| 205 | | | | | 20.4 | 18.4 | 17.2 | 14.8 | 10.8 | |
| 210 | | | | | 19.8 | 17.8 | 16.6 | 14.6 | 10.6 | |
| 215 | | | | | | 17.2 | 16.0 | 14.2 | 10.2 | |
| 220 | | | | | | 16.8 | 15.6 | 14.0 | 10.0 | |
| 225 | | | | | | 16.2 | 15.0 | 13.6 | 9.8 | |
| 230 | | | | | | 15.8 | 14.6 | 13.4 | 9.6 | |
| 235 | | | | | | | 14.0 | 13.0 | 9.4 | |
| 240 | | | | | | | 13.6 | 12.6 | 9.0 | |
| 245 | | | | | | | 13.2 | 12.2 | 8.8 | |
| 250 | | | | | | | 12.8 | 11.8 | 8.6 | |
| 255 | | | | | | | | 11.4 | 8.4 | |
| 260 | | | | | | | | 11.2 | 8.2 | |
| 265 | | | | | | | | 10.8 | 8.0 | |
| 270 | | | | | | | | | 7.8 | |
| 275 | | | | | | | | | 7.6 | |
| 280 | | | | | | | | | 7.2 | |






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Load charts

Luffing jib

 70° 49,8 m + 2,9 m (163.4 ft + 9.5 ft)
 25 m - 73 m (82 ft - 240 ft)
 120 000 kg (264,500 lb)
 29 ft 2 in spread (100%)
 360°

| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 110 | | | | | | | | | |
| 115 | 39.0 | | | | | | | | |
| 120 | 37.6 | 35.2 | | | | | | | |
| 125 | 36.2 | 33.8 | | | | | | | |
| 130 | 35.0 | 32.6 | | | | | | | |
| 135 | 33.8 | 31.6 | 29.6 | | | | | | |
| 140 | | 30.4 | 28.6 | | | | | | |
| 145 | | 29.4 | 27.6 | 25.4 | | | | | |
| 150 | | 28.4 | 26.6 | 24.6 | | | | | |
| 155 | | 27.6 | 25.8 | 24.0 | | | | | |
| 160 | | | 25.0 | 23.2 | 23.0 | 19.4 | | | |
| 165 | | | 24.4 | 22.4 | 22.2 | 19.4 | 17.2 | | |
| 170 | | | 23.6 | 21.6 | 21.4 | 18.6 | 17.2 | | |
| 175 | | | 23.0 | 21.0 | 20.6 | 18.0 | 16.8 | 13.6 | |
| 180 | | | | 20.2 | 20.0 | 17.4 | 16.2 | 13.4 | |
| 185 | | | | 19.6 | 19.2 | 16.6 | 15.6 | 13.2 | 9.6 |
| 190 | | | | 19.0 | 18.6 | 16.0 | 15.0 | 13.2 | 9.6 |
| 195 | | | | 18.4 | 18.0 | 15.6 | 14.6 | 12.8 | 9.4 |
| 200 | | | | | 17.4 | 15.0 | 14.0 | 12.4 | 9.2 |
| 205 | | | | | 16.8 | 14.4 | 13.4 | 12.0 | 9.0 |
| 210 | | | | | 16.2 | 14.0 | 13.0 | 11.6 | 9.0 |
| 215 | | | | | 15.8 | 13.4 | 12.6 | 11.2 | 8.8 |
| 220 | | | | | 15.2 | 13.0 | 12.2 | 10.8 | 8.6 |
| 225 | | | | | | 12.6 | 11.6 | 10.4 | 8.4 |
| 230 | | | | | | 12.0 | 11.2 | 10.0 | 8.2 |
| 235 | | | | | | 11.6 | 10.8 | 9.6 | 8.0 |
| 240 | | | | | | | 10.4 | 9.4 | 7.8 |
| 245 | | | | | | | 10.0 | 9.0 | 7.6 |
| 250 | | | | | | | 9.8 | 8.6 | 7.2 |
| 255 | | | | | | | 9.4 | 8.2 | 7.0 |
| 260 | | | | | | | | 8.0 | 6.8 |
| 265 | | | | | | | | 7.6 | 6.6 |
| 270 | | | | | | | | 7.4 | 6.2 |
| 275 | | | | | | | | 7.0 | 6.0 |
| 280 | | | | | | | | | 5.8 |
| 285 | | | | | | | | | 5.4 |

 70° 54,6 m + 2,9 m (179.2 ft + 9.5 ft)
 25 m - 73 m (82 ft - 240 ft)
 120 000 kg (264,500 lb)
 29 ft 2 in spread (100%)
 360°

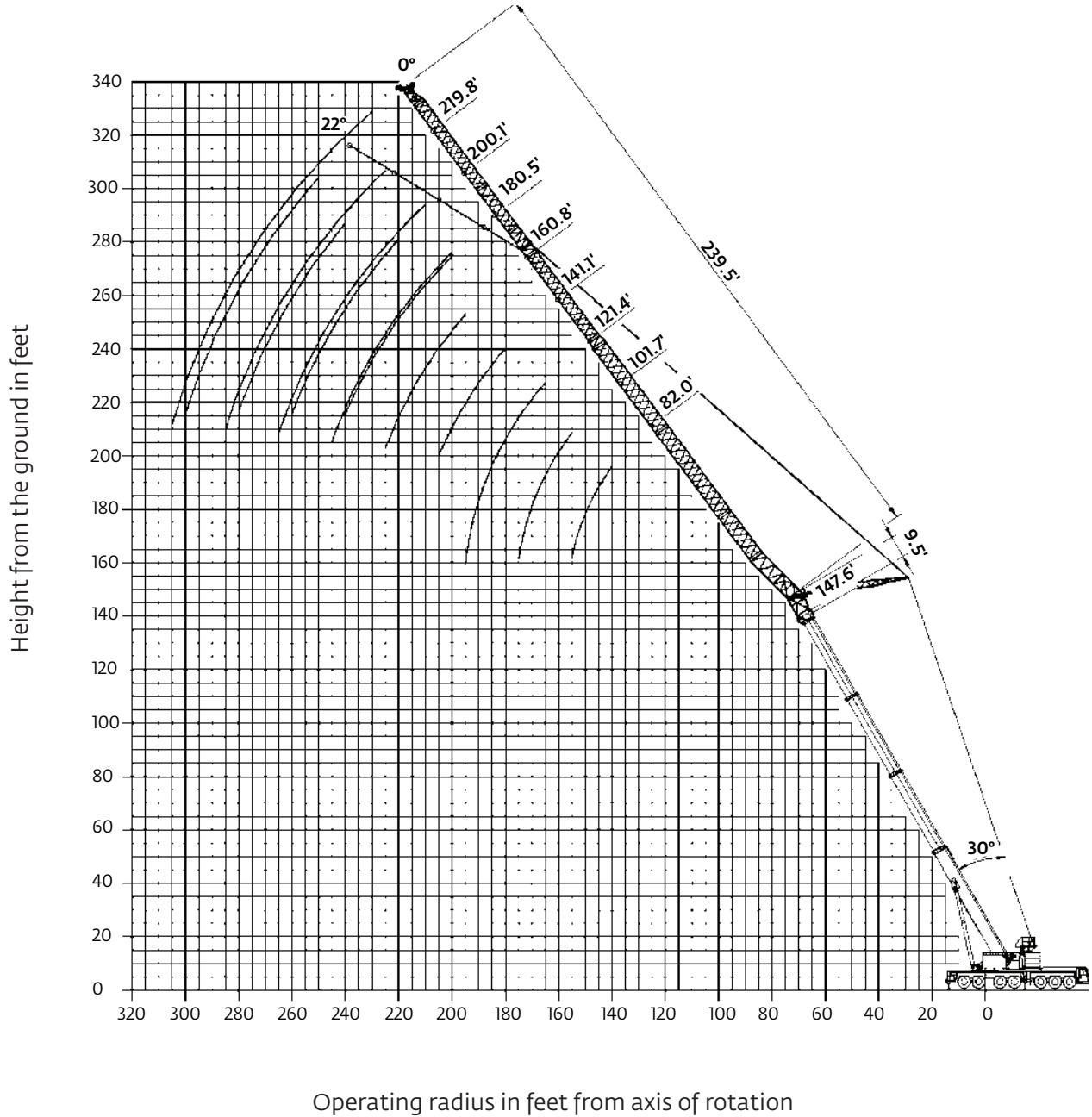
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 115 | | | | | | | | | |
| 120 | 35.0 | | | | | | | | |
| 125 | 33.6 | 29.8 | | | | | | | |
| 130 | 32.4 | 28.8 | | | | | | | |
| 135 | 31.2 | 27.6 | | | | | | | |
| 140 | 30.2 | 26.8 | 25.0 | | | | | | |
| 145 | | 25.8 | 24.4 | | | | | | |
| 150 | | 25.2 | 23.4 | | | | | | |
| 155 | | 24.4 | 22.6 | 20.6 | | | | | |
| 160 | | 23.6 | 21.8 | 19.8 | | | | | |
| 165 | | | 21.2 | 19.2 | 18.2 | 15.4 | | | |
| 170 | | | 20.4 | 18.4 | 17.4 | 15.4 | | | |
| 175 | | | 19.8 | 17.8 | 16.8 | 14.8 | 12.8 | | |
| 180 | | | 19.2 | 17.2 | 16.2 | 14.2 | 12.8 | | |
| 185 | | | | 16.6 | 15.6 | 13.8 | 12.4 | 10.6 | |
| 190 | | | | 16.0 | 15.0 | 13.2 | 12.0 | 10.6 | |
| 195 | | | | 15.6 | 14.6 | 12.6 | 11.4 | 10.2 | 7.6 |
| 200 | | | | 15.0 | 14.0 | 12.2 | 11.0 | 9.8 | 7.6 |
| 205 | | | | | 13.6 | 11.6 | 10.6 | 9.4 | 7.4 |
| 210 | | | | | 13.0 | 11.2 | 10.0 | 9.0 | 7.4 |
| 215 | | | | | 12.6 | 10.8 | 9.6 | 8.6 | 7.2 |
| 220 | | | | | 12.2 | 10.4 | 9.2 | 8.4 | 7.0 |
| 225 | | | | | | 10.0 | 9.0 | 8.0 | 6.6 |
| 230 | | | | | | 9.6 | 8.6 | 7.6 | 6.4 |
| 235 | | | | | | 9.2 | 8.2 | 7.2 | 6.0 |
| 240 | | | | | | 8.8 | 7.8 | 7.0 | 5.8 |
| 245 | | | | | | | 7.4 | 6.6 | 5.4 |
| 250 | | | | | | | 7.2 | 6.2 | 5.2 |
| 255 | | | | | | | 6.8 | 6.0 | 4.8 |
| 260 | | | | | | | 6.6 | 5.6 | 4.6 |
| 265 | | | | | | | | 5.4 | 4.4 |
| 270 | | | | | | | | 5.2 | 4.0 |
| 275 | | | | | | | | 4.8 | 3.8 |
| 280 | | | | | | | | 4.6 | 3.6 |

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Working range

Luffing jib


82 ft - 240 ft luffing jib - 60° main boom





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


Load charts


Luffing jib

 60°
 16,0 m + 2,9 m
 (52.6 ft + 9.5 ft)


 25 m - 73 m
 (82 ft - 240 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90 | 100.0 | | | | | | | | |
| 95 | 94.0 | 93.0 | | | | | | | |
| 100 | 88.0 | 87.0 | | | | | | | |
| 105 | | 82.0 | 81.0 | | | | | | |
| 110 | | 77.0 | 76.0 | | | | | | |
| 115 | | 73.0 | 72.0 | | | | | | |
| 120 | | 69.0 | 68.0 | 67.0 | | | | | |
| 125 | | | 64.0 | 63.0 | | | | | |
| 130 | | | 61.0 | 60.0 | | | | | |
| 135 | | | 58.0 | 57.0 | 57.0 | | | | |
| 140 | | | 56.0 | 55.0 | 54.0 | | | | |
| 145 | | | | 52.0 | 52.0 | 41.6 | | | |
| 150 | | | | 50.0 | 49.0 | 40.6 | | | |
| 155 | | | | 48.0 | 47.0 | 39.6 | 30.2 | | |
| 160 | | | | 46.0 | 45.0 | 38.8 | 29.4 | | |
| 165 | | | | | 43.2 | 37.8 | 28.6 | 20.8 | |
| 170 | | | | | 41.4 | 37.0 | 28.0 | 20.2 | |
| 175 | | | | | 39.8 | 36.2 | 27.2 | 19.6 | |
| 180 | | | | | | 35.4 | 26.4 | 19.2 | 14.0 |
| 185 | | | | | | 34.6 | 25.4 | 18.6 | 13.6 |
| 190 | | | | | | 33.8 | 24.4 | 18.2 | 13.2 |
| 195 | | | | | | 33.2 | 23.8 | 17.6 | 12.8 |
| 200 | | | | | | | 23.2 | 17.2 | 12.4 |
| 205 | | | | | | | 22.6 | 16.8 | 12.0 |
| 210 | | | | | | | 22.0 | 16.4 | 11.6 |
| 215 | | | | | | | 21.6 | 15.8 | 11.2 |
| 220 | | | | | | | | 15.4 | 10.8 |
| 225 | | | | | | | | 15.0 | 10.6 |
| 230 | | | | | | | | 14.8 | 10.2 |
| 235 | | | | | | | | 14.4 | 9.8 |
| 240 | | | | | | | | | 9.6 |
| 245 | | | | | | | | | 9.2 |
| 250 | | | | | | | | | 9.0 |
| 255 | | | | | | | | | 8.6 |

 60°
 25,7 m + 2,9 m
 (84.3 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 95 | | | | | | | | | |
| 100 | 77.0 | | | | | | | | |
| 105 | 72.0 | | | | | | | | |
| 110 | 68.0 | | | | | | | | |
| 115 | 64.0 | 63.0 | | | | | | | |
| 120 | | 60.0 | | | | | | | |
| 125 | | 57.0 | 56.0 | | | | | | |
| 130 | | 54.0 | 53.0 | | | | | | |
| 135 | | 51.0 | 50.0 | | | | | | |
| 140 | | | 48.0 | 47.0 | | | | | |
| 145 | | | 46.0 | 44.0 | | | | | |
| 150 | | | 43.4 | 42.4 | | | | | |
| 155 | | | 41.6 | 40.4 | 39.6 | | | | |
| 160 | | | | 38.6 | 37.8 | 37.0 | | | |
| 165 | | | | 37.0 | 36.2 | 35.4 | | | |
| 170 | | | | 35.4 | 34.6 | 33.8 | | | |
| 175 | | | | 34.0 | 33.2 | 32.4 | 28.0 | | |
| 180 | | | | | 31.8 | 31.0 | 27.4 | | |
| 185 | | | | | 30.6 | 29.8 | 26.8 | 19.4 | |
| 190 | | | | | 29.4 | 28.6 | 26.0 | 19.0 | |
| 195 | | | | | 28.2 | 27.4 | 25.4 | 18.4 | |
| 200 | | | | | | 26.2 | 24.8 | 18.0 | 13.2 |
| 205 | | | | | | 25.2 | 23.8 | 17.6 | 12.8 |
| 210 | | | | | | 24.2 | 23.0 | 17.2 | 12.4 |
| 215 | | | | | | 23.4 | 22.4 | 16.6 | 12.0 |
| 220 | | | | | | | 21.8 | 16.2 | 11.6 |
| 225 | | | | | | | 21.0 | 15.8 | 11.2 |
| 230 | | | | | | | 20.2 | 15.4 | 11.0 |
| 235 | | | | | | | 19.4 | 15.0 | 10.6 |
| 240 | | | | | | | | 14.6 | 10.2 |
| 245 | | | | | | | | 14.4 | 10.0 |
| 250 | | | | | | | | 14.0 | 9.6 |
| 255 | | | | | | | | 13.6 | 9.2 |
| 260 | | | | | | | | | 9.0 |
| 265 | | | | | | | | | 8.8 |
| 270 | | | | | | | | | 8.4 |
| 275 | | | | | | | | | 8.2 |


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
Load charts


Luffing jib

 60°
 35,3 m + 2,9 m
 (115.9 ft + 9.5 ft)


 25 m - 73 m
 (82 ft - 240 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 115 | | | | | | | | | |
| 120 | 51.0 | | | | | | | | |
| 125 | 49.0 | | | | | | | | |
| 130 | 47.0 | | | | | | | | |
| 135 | 46.0 | 43.6 | | | | | | | |
| 140 | | 42.2 | | | | | | | |
| 145 | | 40.6 | 38.6 | | | | | | |
| 150 | | 38.8 | 37.4 | | | | | | |
| 155 | | 36.8 | 36.2 | | | | | | |
| 160 | | | 34.4 | 33.2 | | | | | |
| 165 | | | 33.0 | 31.8 | | | | | |
| 170 | | | 31.6 | 30.4 | | | | | |
| 175 | | | 30.2 | 29.0 | 28.2 | | | | |
| 180 | | | | 27.8 | 27.0 | | | | |
| 185 | | | | 26.6 | 25.8 | 25.0 | | | |
| 190 | | | | 25.6 | 24.8 | 23.8 | | | |
| 195 | | | | 24.4 | 23.8 | 22.8 | 22.0 | | |
| 200 | | | | | 22.8 | 21.8 | 21.2 | | |
| 205 | | | | | 21.8 | 21.0 | 20.2 | 17.6 | |
| 210 | | | | | 21.0 | 20.2 | 19.4 | 17.2 | 12.6 |
| 215 | | | | | 20.0 | 19.2 | 18.6 | 16.8 | 12.2 |
| 220 | | | | | | 18.4 | 17.8 | 16.4 | 12.0 |
| 225 | | | | | | 17.8 | 17.0 | 16.0 | 11.6 |
| 230 | | | | | | 17.0 | 16.4 | 15.8 | 11.2 |
| 235 | | | | | | 16.2 | 15.6 | 15.2 | 11.0 |
| 240 | | | | | | | 15.0 | 14.6 | 10.6 |
| 245 | | | | | | | 14.4 | 13.8 | 10.4 |
| 250 | | | | | | | | 13.2 | 10.0 |
| 255 | | | | | | | | 12.8 | 9.8 |
| 260 | | | | | | | | 12.2 | 9.4 |
| 265 | | | | | | | | 11.6 | 9.2 |
| 270 | | | | | | | | | 8.8 |
| 275 | | | | | | | | | 8.6 |
| 280 | | | | | | | | | 8.4 |
| 285 | | | | | | | | | 8.0 |

 60°
 45,0 m + 2,9 m
 (147.6 ft + 9.5 ft)

 25 m - 73 m
 (82 ft - 240 ft)

 120 000 kg
 (264,500 lb)

 29 ft 2 in spread
 (100%)






 360°

| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 135 | | | | | | | | | |
| 140 | 33.4 | | | | | | | | |
| 145 | 31.6 | | | | | | | | |
| 150 | 30.0 | | | | | | | | |
| 155 | 28.6 | 26.0 | | | | | | | |
| 160 | | 25.2 | | | | | | | |
| 165 | | 24.6 | 23.0 | | | | | | |
| 170 | | 23.8 | 22.2 | | | | | | |
| 175 | | 23.0 | 21.4 | | | | | | |
| 180 | | | 20.8 | 18.8 | | | | | |
| 185 | | | 20.2 | 18.2 | | | | | |
| 190 | | | 19.6 | 17.6 | | | | | |
| 195 | | | 18.8 | 17.0 | 16.0 | | | | |
| 200 | | | | 16.4 | 15.4 | 13.6 | | | |
| 205 | | | | 16.0 | 15.0 | 13.2 | | | |
| 210 | | | | | 14.4 | 12.6 | 15.2 | | |
| 215 | | | | | 14.0 | 12.2 | 12.6 | | |
| 220 | | | | | 13.4 | 11.6 | 10.6 | | |
| 225 | | | | | 13.0 | 11.2 | 10.2 | 9.2 | |
| 230 | | | | | | 10.8 | 9.8 | 8.8 | 8.4 |
| 235 | | | | | | 10.4 | 9.4 | 8.4 | 8.4 |
| 240 | | | | | | 10.0 | 9.0 | 8.2 | 8.2 |
| 245 | | | | | | 9.6 | 8.6 | 7.8 | 7.8 |
| 250 | | | | | | | 8.2 | 7.4 | 7.6 |
| 255 | | | | | | | 7.8 | 7.0 | 7.2 |
| 260 | | | | | | | 7.6 | 6.8 | 7.0 |
| 265 | | | | | | | 7.2 | 6.4 | 6.6 |
| 270 | | | | | | | | 6.2 | 6.4 |
| 275 | | | | | | | | 5.8 | 6.0 |
| 280 | | | | | | | | 5.6 | 5.6 |
| 285 | | | | | | | | 5.4 | 5.2 |
| 290 | | | | | | | | | 4.8 |
| 295 | | | | | | | | | 4.4 |
| 300 | | | | | | | | | 4.0 |
| 305 | | | | | | | | | 3.6 |

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Load charts

Luffing jib

60°
 49,8 m + 2,9 m
 (163.4 ft + 9.5 ft)






25 m - 61 m
 (82 ft - 200 ft)

120 000 kg
 264,500 lb

29 ft 2 in spread
 (100%)

360°

| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 |
|------|------|-------|-------|-------|-------|-------|-------|
| 140 | | | | | | | |
| 145 | 25.4 | | | | | | |
| 150 | 24.8 | | | | | | |
| 155 | 24.0 | | | | | | |
| 160 | 23.2 | 21.2 | | | | | |
| 165 | | 20.6 | | | | | |
| 170 | | 19.8 | | | | | |
| 175 | | 19.2 | 17.6 | | | | |
| 180 | | 18.6 | 17.0 | | | | |
| 185 | | | 16.4 | 14.4 | | | |
| 190 | | | 15.8 | 14.0 | | | |
| 195 | | | 15.4 | 13.4 | | | |
| 200 | | | 14.8 | 13.0 | | | |
| 205 | | | | 12.4 | 11.4 | | |
| 210 | | | | 12.0 | 11.0 | 9.2 | |
| 215 | | | | 11.6 | 10.6 | 8.8 | |
| 220 | | | | | 10.2 | 8.4 | 7.6 |
| 225 | | | | | 9.8 | 8.0 | 7.2 |
| 230 | | | | | 9.4 | 7.6 | 6.8 |
| 235 | | | | | 9.0 | 7.2 | 6.4 |
| 240 | | | | | 8.6 | 6.8 | 6.0 |
| 245 | | | | | | 6.6 | 5.8 |
| 250 | | | | | | 6.2 | 5.4 |
| 255 | | | | | | 6.0 | 5.2 |
| 260 | | | | | | 5.6 | 4.8 |
| 265 | | | | | | | 4.6 |
| 270 | | | | | | | 4.2 |
| 275 | | | | | | | 4.0 |
| 280 | | | | | | | 3.8 |

60°
 54,6 m + 2,9 m
 (179.2 ft + 9.5 ft)

31 m - 49 m
 (102 ft - 161 ft)

120 000 kg
 264,500 lb

29 ft 2 in spread
 (100%)

360°

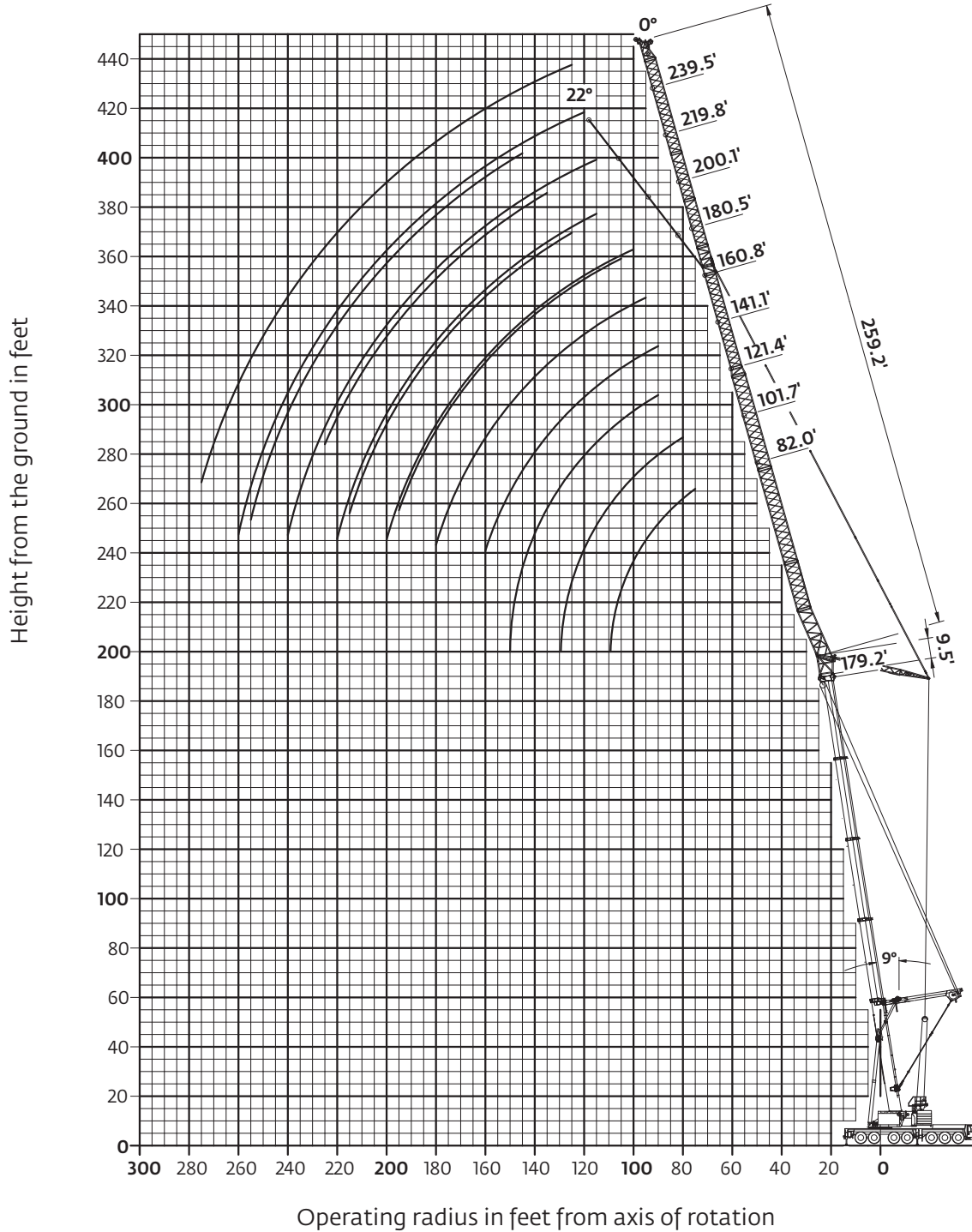
| Feet | 101.7 | 121.4 | 141.1 | 160.8 |
|------|-------|-------|-------|-------|
| 170 | | | | |
| 175 | 16.0 | | | |
| 180 | 15.4 | | | |
| 185 | 14.8 | 13.2 | | |
| 190 | 14.4 | 12.8 | | |
| 195 | 13.8 | 12.4 | | |
| 200 | | 11.8 | 10.0 | |
| 205 | | 11.4 | 9.6 | |
| 210 | | | 9.2 | |
| 215 | | | 8.8 | |
| 220 | | | 8.4 | 7.4 |
| 225 | | | 8.0 | 7.0 |
| 230 | | | | 6.6 |
| 235 | | | | 6.4 |
| 240 | | | | 6.0 |
| 245 | | | | 5.8 |

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

Luffing jib with MegaWingLift™

82 ft - 259 ft luffing jib - 81° main boom with MegaWingLift



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

Load charts

Luffing jib with MegaWingLift™

81° 25 m - 79 m (82 ft - 259 ft) 160 000 kg (352,700 lb) 29 ft 2 in spread (100%) 360°

Pounds (thousands)

| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 50 | 141.0 | | | | | | | | | |
| 55 | 136.0 | 107.0 | | | | | | | | |
| 60 | 129.0 | 107.0 | 85.0 | | | | | | | |
| 65 | 122.0 | 107.0 | 85.0 | | | | | | | |
| 70 | 115.0 | 107.0 | 85.0 | 69.0 | | | | | | |
| 75 | 109.0 | 107.0 | 85.0 | 69.0 | 58.0 | | | | | |
| 80 | 105.0 | 107.0 | 85.0 | 69.0 | 58.0 | 48.0 | | | | |
| 85 | 100.0 | 107.0 | 85.0 | 69.0 | 58.0 | 48.0 | | | | |
| 90 | 97.0 | 105.0 | 85.0 | 69.0 | 58.0 | 48.0 | 39.6 | | | |
| 95 | | 102.0 | 85.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | | |
| 100 | | 98.0 | 85.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | |
| 105 | | 93.0 | 85.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 110 | | 81.0 | 85.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 115 | | | 84.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 120 | | | 80.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 125 | | | 72.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 130 | | | 63.0 | 69.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 135 | | | | 68.0 | 58.0 | 48.0 | 39.6 | 33.0 | 26.2 | 20.6 |
| 140 | | | | 63.0 | 58.0 | 47.0 | 39.6 | 33.0 | 25.8 | 20.6 |
| 145 | | | | 57.0 | 58.0 | 47.0 | 39.6 | 33.0 | 25.4 | 20.4 |
| 150 | | | | 50.0 | 57.0 | 46.0 | 39.6 | 33.0 | 24.8 | 20.0 |
| 155 | | | | | 55.0 | 46.0 | 39.6 | 32.8 | 24.4 | 19.4 |
| 160 | | | | | 51.0 | 46.0 | 39.6 | 32.2 | 23.8 | 19.0 |
| 165 | | | | | 46.0 | 45.0 | 39.6 | 31.6 | 23.2 | 18.6 |
| 170 | | | | | 40.8 | 45.0 | 39.6 | 30.6 | 22.8 | 18.2 |
| 175 | | | | | | 44.0 | 39.6 | 29.8 | 22.2 | 17.8 |
| 180 | | | | | | 41.4 | 39.6 | 29.0 | 21.8 | 17.2 |
| 185 | | | | | | 37.6 | 39.6 | 28.0 | 21.4 | 16.8 |
| 190 | | | | | | 33.2 | 39.6 | 27.2 | 20.8 | 16.4 |
| 195 | | | | | | | 37.0 | 26.8 | 20.4 | 16.0 |
| 200 | | | | | | | 34.0 | 26.2 | 19.8 | 15.6 |
| 205 | | | | | | | 30.8 | 25.8 | 19.4 | 15.4 |
| 210 | | | | | | | | 25.4 | 19.0 | 15.0 |
| 215 | | | | | | | | 24.8 | 18.6 | 14.6 |
| 220 | | | | | | | | 24.6 | 18.4 | 14.2 |
| 225 | | | | | | | | | 18.0 | 13.8 |
| 230 | | | | | | | | | 17.6 | 13.6 |
| 235 | | | | | | | | | 17.2 | 13.2 |
| 240 | | | | | | | | | 17.0 | 13.0 |
| 245 | | | | | | | | | | 12.8 |
| 250 | | | | | | | | | | 12.4 |
| 255 | | | | | | | | | | 12.2 |
| 260 | | | | | | | | | | 12.0 |

81° 25 m - 79 m (82 ft - 259 ft) 160 000 kg (352,700 lb) 29 ft 2 in spread (100%) 360°


Pounds (thousands)


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 60 | 119.0 | | | | | | | | | |
| 65 | 113.0 | | | | | | | | | |
| 70 | 109.0 | 101.0 | | | | | | | | |
| 75 | 106.0 | 98.0 | 81.0 | | | | | | | |
| 80 | 103.0 | 94.0 | 81.0 | 63.0 | | | | | | |
| 85 | 102.0 | 91.0 | 81.0 | 63.0 | | | | | | |
| 90 | 100.0 | 89.0 | 81.0 | 63.0 | 54.0 | | | | | |
| 95 | 98.0 | 87.0 | 79.0 | 63.0 | 54.0 | 44.0 | | | | |
| 100 | 93.0 | 85.0 | 78.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | | |
| 105 | | 84.0 | 76.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | |
| 110 | | 82.0 | 74.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | |
| 115 | | 78.0 | 72.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 120 | | | 71.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 125 | | | 70.0 | 63.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 130 | | | 68.0 | 62.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 135 | | | 64.0 | 61.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 140 | | | | 60.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 145 | | | | 58.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 150 | | | | 55.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.4 | 19.0 |
| 155 | | | | 52.0 | 54.0 | 44.0 | 36.6 | 30.6 | 24.2 | 19.0 |
| 160 | | | | | 52.0 | 43.8 | 36.6 | 30.6 | 23.8 | 19.0 |
| 165 | | | | | 50.0 | 43.6 | 36.6 | 30.6 | 23.4 | 18.8 |
| 170 | | | | | 48.0 | 43.2 | 36.6 | 30.6 | 23.0 | 18.4 |
| 175 | | | | | 45.0 | 42.6 | 36.6 | 30.4 | 22.6 | 18.0 |
| 180 | | | | | | 42.2 | 36.6 | 29.6 | 22.0 | 17.6 |
| 185 | | | | | | 41.6 | 36.6 | 28.8 | 21.6 | 17.2 |
| 190 | | | | | | 41.0 | 36.6 | 28.0 | 21.2 | 16.8 |
| 195 | | | | | | 37.0 | 36.6 | 27.4 | 20.8 | 16.4 |
| 200 | | | | | | | 36.6 | 26.6 | 20.4 | 16.0 |
| 205 | | | | | | | 36.4 | 26.2 | 19.8 | 15.6 |
| 210 | | | | | | | 33.6 | 25.8 | 19.4 | 15.4 |
| 215 | | | | | | | 30.2 | 25.4 | 19.0 | 15.0 |
| 220 | | | | | | | | 25.0 | 18.6 | 14.6 |
| 225 | | | | | | | | 24.6 | 18.4 | 14.4 |
| 230 | | | | | | | | | 18.0 | 14.0 |
| 235 | | | | | | | | | 17.8 | 13.8 |
| 240 | | | | | | | | | 17.4 | 13.4 |
| 245 | | | | | | | | | 17.2 | 13.2 |
| 250 | | | | | | | | | | 12.8 |
| 255 | | | | | | | | | | 12.6 |
| 260 | | | | | | | | | | 12.4 |
| 265 | | | | | | | | | | 12.2 |


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Load charts


Luffing jib with MegaWingLift™

 81°
 49.8 m + 2.9 m
 (163.4 ft + 9.5 ft)


 25 m - 79 m
 (82 ft - 259 ft)


 160 000 kg
 (352,700 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 70 | 98.0 | | | | | | | | | |
| 75 | 95.0 | 85.0 | | | | | | | | |
| 80 | 93.0 | 83.0 | 74.0 | | | | | | | |
| 85 | 91.0 | 81.0 | 73.0 | | | | | | | |
| 90 | 89.0 | 79.0 | 72.0 | | | | | | | |
| 95 | 86.0 | 78.0 | 70.0 | 60.0 | 50.0 | 41.2 | | | | |
| 100 | 81.0 | 76.0 | 68.0 | 60.0 | 50.0 | 41.2 | | | | |
| 105 | | 74.0 | 67.0 | 60.0 | 50.0 | 41.2 | 34.2 | 28.6 | | |
| 110 | | 71.0 | 66.0 | 59.0 | 50.0 | 41.2 | 34.2 | 28.6 | | |
| 115 | | 68.0 | 64.0 | 58.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | |
| 120 | | 65.0 | 63.0 | 57.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 125 | | | 60.0 | 55.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 130 | | | 58.0 | 54.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 135 | | | 55.0 | 52.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 140 | | | 53.0 | 50.0 | 50.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 145 | | | | 48.0 | 48.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 150 | | | | 47.0 | 47.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 155 | | | | 45.0 | 46.0 | 41.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 160 | | | | 43.0 | 44.0 | 40.6 | 34.2 | 28.6 | 22.6 | 17.2 |
| 165 | | | | | 43.0 | 39.8 | 34.2 | 28.6 | 22.6 | 17.2 |
| 170 | | | | | 41.6 | 39.2 | 34.2 | 28.6 | 22.6 | 17.2 |
| 175 | | | | | 40.2 | 38.4 | 34.2 | 28.6 | 22.4 | 17.2 |
| 180 | | | | | 38.8 | 37.2 | 34.2 | 28.6 | 22.0 | 17.2 |
| 185 | | | | | | 36.2 | 34.2 | 28.4 | 21.6 | 17.2 |
| 190 | | | | | | 35.0 | 33.8 | 28.0 | 21.2 | 16.8 |
| 195 | | | | | | | 34.0 | 27.4 | 20.8 | 16.4 |
| 200 | | | | | | | | 32.0 | 26.8 | 16.0 |
| 205 | | | | | | | | 31.0 | 26.2 | 15.8 |
| 210 | | | | | | | | 29.8 | 25.8 | 15.4 |
| 215 | | | | | | | | 28.4 | 25.4 | 15.0 |
| 220 | | | | | | | | 27.0 | 25.0 | 14.8 |
| 225 | | | | | | | | | 24.6 | 14.4 |
| 230 | | | | | | | | | 24.2 | 14.0 |
| 235 | | | | | | | | | 23.6 | 13.8 |
| 240 | | | | | | | | | | 17.6 |
| 245 | | | | | | | | | | 17.2 |
| 250 | | | | | | | | | | 17.0 |
| 255 | | | | | | | | | | 16.8 |
| 260 | | | | | | | | | | 16.8 |
| 265 | | | | | | | | | | 16.8 |
| 270 | | | | | | | | | | 16.8 |
| 275 | | | | | | | | | | 16.8 |

 81°
 54.6 m + 2.9 m
 (179.2 ft + 9.5 ft)

 25 m - 79 m
 (82 ft - 259 ft)

 160 000 kg
 (352,700 lb)

 29 ft 2 in spread
 (100%)

 360°

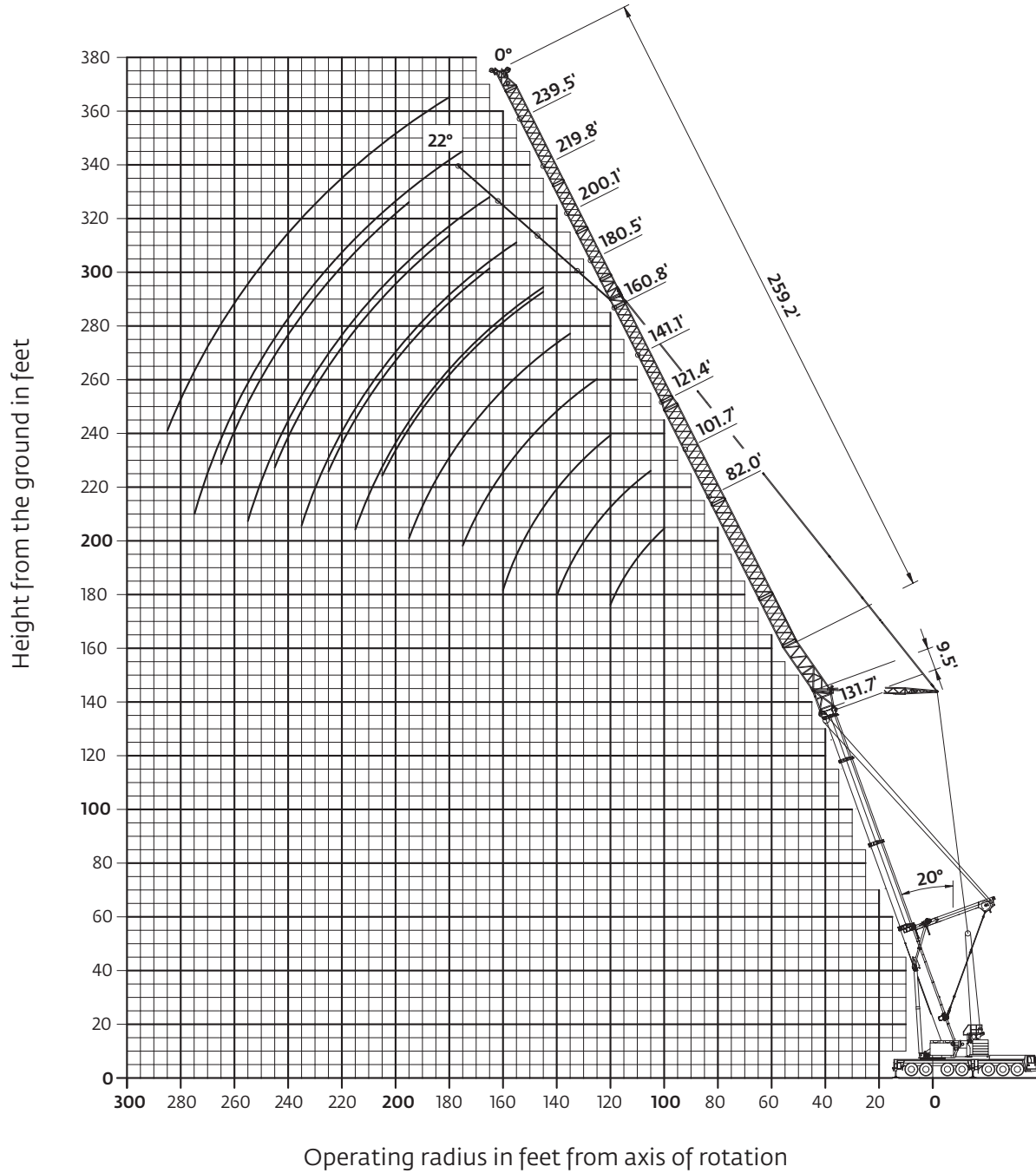
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75 | 85.0 | | | | | | | | | |
| 80 | 80.0 | 75.0 | | | | | | | | |
| 85 | 76.0 | 71.0 | | | | | | | | |
| 90 | 73.0 | 68.0 | 64.0 | 55.0 | | | | | | |
| 95 | 69.0 | 65.0 | 61.0 | 54.0 | 47.0 | | | | | |
| 100 | 66.0 | 62.0 | 59.0 | 53.0 | 47.0 | 38.0 | | | | |
| 105 | 63.0 | 60.0 | 56.0 | 51.0 | 47.0 | 38.0 | | | | |
| 110 | 60.0 | 57.0 | 53.0 | 50.0 | 47.0 | 38.0 | | | | |
| 115 | | 54.0 | 51.0 | 48.0 | 46.0 | 38.0 | 31.6 | 25.2 | | |
| 120 | | 51.0 | 49.0 | 47.0 | 45.0 | 38.0 | 31.6 | 25.2 | 20.8 | |
| 125 | | 49.0 | 47.0 | 45.0 | 45.0 | 38.0 | 31.6 | 25.2 | 20.8 | 15.8 |
| 130 | | 46.0 | 45.0 | 43.0 | 43.4 | 38.0 | 31.6 | 25.2 | 20.8 | 15.8 |
| 135 | | | 43.2 | 41.4 | 42.0 | 38.0 | 31.6 | 25.2 | 20.8 | 15.8 |
| 140 | | | 41.4 | 39.8 | 40.6 | 37.4 | 31.6 | 25.2 | 20.8 | 15.8 |
| 145 | | | 39.6 | 38.2 | 39.2 | 36.4 | 31.6 | 25.2 | 20.8 | 15.8 |
| 150 | | | 37.8 | 36.6 | 38.0 | 35.4 | 31.6 | 25.2 | 20.8 | 15.8 |
| 155 | | | | 35.2 | 36.8 | 34.6 | 31.6 | 25.2 | 20.8 | 15.8 |
| 160 | | | | 33.8 | 35.4 | 33.4 | 31.2 | 25.2 | 20.8 | 15.8 |
| 165 | | | | | 34.2 | 31.8 | 30.6 | 25.2 | 20.8 | 15.8 |
| 170 | | | | | 33.0 | 30.4 | 30.0 | 25.2 | 20.8 | 15.8 |
| 175 | | | | | 31.8 | 29.0 | 28.8 | 25.2 | 20.8 | 15.8 |
| 180 | | | | | 30.6 | 27.4 | 27.6 | 25.0 | 20.8 | 15.8 |
| 185 | | | | | | 26.6 | 26.4 | 24.4 | 20.8 | 15.8 |
| 190 | | | | | | 25.6 | 25.2 | 23.8 | 20.8 | 15.8 |
| 195 | | | | | | 24.6 | 24.0 | 23.0 | 20.6 | 15.8 |
| 200 | | | | | | 23.8 | 23.2 | 22.4 | 20.2 | 15.8 |
| 205 | | | | | | | 22.4 | 21.8 | 19.8 | 15.8 |
| 210 | | | | | | | 21.6 | 21.0 | 19.4 | 15.4 |
| 215 | | | | | | | 20.8 | 20.4 | 19.0 | 15.2 |
| 220 | | | | | | | 20.0 | 19.8 | 18.6 | 14.8 |
| 225 | | | | | | | | 19.0 | 18.2 | 14.6 |
| 230 | | | | | | | | 18.4 | 17.6 | 14.2 |
| 235 | | | | | | | | 17.8 | 17.0 | 14.0 |
| 240 | | | | | | | | 17.0 | 16.6 | 13.6 |
| 245 | | | | | | | | | 16.0 | 13.4 |
| 250 | | | | | | | | | 15.4 | 13.2 |
| 255 | | | | | | | | | 14.8 | 12.8 |
| 260 | | | | | | | | | 14.2 | 12.6 |
| 265 | | | | | | | | | | 12.4 |
| 270 | | | | | | | | | | 12.0 |
| 275 | | | | | | | | | | 11.8 |

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Working range

Luffing jib with MegaWingLift™


82 ft - 259 ft luffing jib - 70° main boom with MegaWingLift





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


Load charts


Luffing jib with MegaWingLift™

 70°
 34,3 m + 2,9 m
 (115.9 ft + 9.5 ft)


 25 m - 79 m
 (82 ft - 259 ft)


 160 000 kg
 (352,700 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 95 | 98.0 | | | | | | | | | |
| 100 | 93.0 | 91.0 | | | | | | | | |
| 105 | 88.0 | 87.0 | | | | | | | | |
| 110 | 84.0 | 83.0 | | | | | | | | |
| 115 | 80.0 | 79.0 | 78.0 | | | | | | | |
| 120 | | 75.0 | 74.0 | 71.0 | | | | | | |
| 125 | | 72.0 | 71.0 | 70.0 | 60.0 | | | | | |
| 130 | | 68.0 | 68.0 | 67.0 | 60.0 | | | | | |
| 135 | | 66.0 | 65.0 | 64.0 | 59.0 | | | | | |
| 140 | | | 62.0 | 61.0 | 59.0 | 48.0 | | | | |
| 145 | | | 60.0 | 59.0 | 58.0 | 47.0 | 40.4 | | | |
| 150 | | | 58.0 | 57.0 | 56.0 | 47.0 | 40.4 | | | |
| 155 | | | 55.0 | 54.0 | 54.0 | 47.0 | 40.4 | | | |
| 160 | | | | 52.0 | 52.0 | 47.0 | 40.4 | 33.4 | | |
| 165 | | | | 50.0 | 50.0 | 46.0 | 40.4 | 33.2 | 25.2 | |
| 170 | | | | 49.0 | 48.0 | 46.0 | 40.4 | 32.8 | 24.8 | |
| 175 | | | | | 46.0 | 45.0 | 40.4 | 32.4 | 24.4 | 18.8 |
| 180 | | | | | 45.0 | 43.6 | 40.4 | 32.0 | 23.8 | 18.8 |
| 185 | | | | | 43.2 | 42.2 | 40.4 | 31.6 | 23.4 | 18.8 |
| 190 | | | | | 41.6 | 40.8 | 39.8 | 31.2 | 23.0 | 18.4 |
| 195 | | | | | | 39.2 | 38.4 | 30.8 | 22.4 | 18.0 |
| 200 | | | | | | 37.8 | 37.0 | 29.8 | 22.0 | 17.6 |
| 205 | | | | | | 36.6 | 35.8 | 29.0 | 21.4 | 17.2 |
| 210 | | | | | | | 34.6 | 28.0 | 21.0 | 16.6 |
| 215 | | | | | | | 33.4 | 27.2 | 20.6 | 16.2 |
| 220 | | | | | | | 32.2 | 26.6 | 20.2 | 15.8 |
| 225 | | | | | | | 31.2 | 26.0 | 19.8 | 15.4 |
| 230 | | | | | | | | 25.6 | 19.2 | 15.2 |
| 235 | | | | | | | | 25.2 | 18.8 | 14.8 |
| 240 | | | | | | | | 24.8 | 18.4 | 14.4 |
| 245 | | | | | | | | 24.4 | 18.0 | 14.0 |
| 250 | | | | | | | | | 17.8 | 13.8 |
| 255 | | | | | | | | | 17.4 | 13.4 |
| 260 | | | | | | | | | 17.2 | 13.2 |
| 265 | | | | | | | | | 16.8 | 12.8 |
| 270 | | | | | | | | | | 12.6 |
| 275 | | | | | | | | | | 12.4 |
| 280 | | | | | | | | | | 12.2 |

 70°
 45,0 m + 2,9 m
 (147.6 ft + 9.5 ft)

 25 m - 79 m
 (82 ft - 259 ft)

 160 000 kg
 (352,700 lb)

 29 ft 2 in spread
 (100%)


 360°


| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 105 | 83.0 | | | | | | | | | |
| 110 | 79.0 | | | | | | | | | |
| 115 | | 71.0 | | | | | | | | |
| 120 | | 69.0 | | | | | | | | |
| 125 | | 68.0 | 62.0 | | | | | | | |
| 130 | | 65.0 | 61.0 | | | | | | | |
| 135 | | 62.0 | 59.0 | 54.0 | | | | | | |
| 140 | | 59.0 | 58.0 | 53.0 | 51.0 | | | | | |
| 145 | | 57.0 | 56.0 | 53.0 | 50.0 | | | | | |
| 150 | | 55.0 | 54.0 | 53.0 | 49.0 | | | | | |
| 155 | | | 52.0 | 51.0 | 48.0 | 39.6 | | | | |
| 160 | | | 50.0 | 49.0 | 47.0 | 39.6 | 37.0 | | | |
| 165 | | | 48.0 | 47.0 | 46.0 | 39.6 | 37.0 | | | |
| 170 | | | 46.0 | 45.0 | 44.0 | 39.6 | 37.0 | | | |
| 175 | | | | 43.8 | 42.8 | 39.6 | 37.0 | 31.2 | | |
| 180 | | | | 42.2 | 41.2 | 39.6 | 36.6 | 31.2 | 24.0 | |
| 185 | | | | | 39.8 | 38.4 | 36.2 | 31.0 | 23.6 | |
| 190 | | | | | 38.4 | 37.0 | 35.6 | 30.8 | 23.4 | |
| 195 | | | | | 37.0 | 35.6 | 34.8 | 30.6 | 23.0 | 17.4 |
| 200 | | | | | 35.6 | 34.4 | 33.4 | 30.4 | 22.6 | 17.4 |
| 205 | | | | | 34.4 | 33.0 | 32.2 | 30.0 | 22.2 | 17.4 |
| 210 | | | | | | 32.0 | 31.2 | 29.8 | 21.8 | 17.4 |
| 215 | | | | | | 30.8 | 30.0 | 29.0 | 21.4 | 17.0 |
| 220 | | | | | | 29.8 | 29.0 | 28.2 | 21.0 | 16.6 |
| 225 | | | | | | | 28.0 | 27.4 | 20.6 | 16.2 |
| 230 | | | | | | | 27.0 | 26.4 | 20.2 | 15.8 |
| 235 | | | | | | | 26.0 | 25.4 | 19.8 | 15.4 |
| 240 | | | | | | | 25.2 | 24.6 | 19.4 | 15.2 |
| 245 | | | | | | | 24.2 | 23.8 | 19.0 | 14.8 |
| 250 | | | | | | | | 23.0 | 18.6 | 14.6 |
| 255 | | | | | | | | 22.2 | 18.2 | 14.2 |
| 260 | | | | | | | | 21.4 | 18.0 | 14.0 |
| 265 | | | | | | | | | 17.6 | 13.6 |
| 270 | | | | | | | | | 17.4 | 13.4 |
| 275 | | | | | | | | | 17.0 | 13.2 |
| 280 | | | | | | | | | 16.8 | 12.8 |
| 285 | | | | | | | | | | 12.6 |
| 290 | | | | | | | | | | 12.4 |
| 295 | | | | | | | | | | 12.0 |


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Load charts


Luffing jib with MegaWingLift™

 70°
 49.8 m + 2.9 m
 (163.4 ft + 9.5 ft)


 25 m - 79 m
 (82 ft - 259 ft)


 160 000 kg
 (352,700 lb)


 29 ft 2 in spread
 (100%)


 360°


| Feet | Pounds (thousands) | | | | | | | | | |
|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
| 115 | 72.0 | | | | | | | | | |
| 120 | 70.0 | 62.0 | | | | | | | | |
| 125 | 67.0 | 60.0 | | | | | | | | |
| 130 | 64.0 | 59.0 | | | | | | | | |
| 135 | 61.0 | 58.0 | 52.0 | | | | | | | |
| 140 | | 56.0 | 51.0 | 46.0 | | | | | | |
| 145 | | 55.0 | 50.0 | 46.0 | | | | | | |
| 150 | | 52.0 | 49.0 | 45.0 | | | | | | |
| 155 | | 50.0 | 48.0 | 44.0 | 42.2 | | | | | |
| 160 | | | 47.0 | 43.2 | 41.6 | 35.2 | | | | |
| 165 | | | 45.0 | 42.2 | 40.8 | 35.2 | | | | |
| 170 | | | 43.6 | 41.2 | 40.8 | 35.2 | | | | |
| 175 | | | 42.0 | 39.8 | 39.6 | 35.2 | 32.0 | | | |
| 180 | | | | 38.4 | 39.0 | 35.0 | 31.6 | 28.4 | | |
| 185 | | | | 37.2 | 38.0 | 34.6 | 31.2 | 28.2 | | |
| 190 | | | | 35.8 | 36.6 | 34.0 | 30.6 | 27.8 | | |
| 195 | | | | | 35.4 | 33.6 | 30.4 | 27.4 | 22.4 | |
| 200 | | | | | 34.0 | 32.8 | 30.0 | 27.0 | 22.2 | |
| 205 | | | | | 32.8 | 31.6 | 29.6 | 26.6 | 22.0 | 16.8 |
| 210 | | | | | 31.6 | 30.4 | 29.2 | 26.4 | 21.6 | 16.8 |
| 215 | | | | | 30.6 | 29.4 | 28.4 | 26.0 | 21.4 | 16.8 |
| 220 | | | | | | 28.4 | 27.4 | 25.6 | 21.0 | 16.8 |
| 225 | | | | | | 27.4 | 26.4 | 25.0 | 20.8 | 16.4 |
| 230 | | | | | | | 25.4 | 24.4 | 20.4 | 16.0 |
| 235 | | | | | | | 24.6 | 23.8 | 20.0 | 15.8 |
| 240 | | | | | | | 23.8 | 23.2 | 19.6 | 15.4 |
| 245 | | | | | | | 22.8 | 22.4 | 19.2 | 15.0 |
| 250 | | | | | | | 22.0 | 21.6 | 19.0 | 14.8 |
| 255 | | | | | | | 21.2 | 20.8 | 18.6 | 14.4 |
| 260 | | | | | | | | 20.0 | 18.2 | 14.2 |
| 265 | | | | | | | | 19.4 | 18.0 | 13.8 |
| 270 | | | | | | | | | 17.6 | 13.6 |
| 275 | | | | | | | | | 17.4 | 13.4 |
| 280 | | | | | | | | | 17.0 | 13.0 |
| 285 | | | | | | | | | 16.4 | 12.8 |
| 290 | | | | | | | | | | 12.6 |
| 295 | | | | | | | | | | 12.2 |
| 300 | | | | | | | | | | 12.0 |

 70°
 54.6 m + 2.9 m
 (179.2 ft + 9.5 ft)

 25 m - 79 m
 (82 ft - 259 ft)

 160 000 kg
 (352,700 lb)

 29 ft 2 in spread
 (100%)

 360°

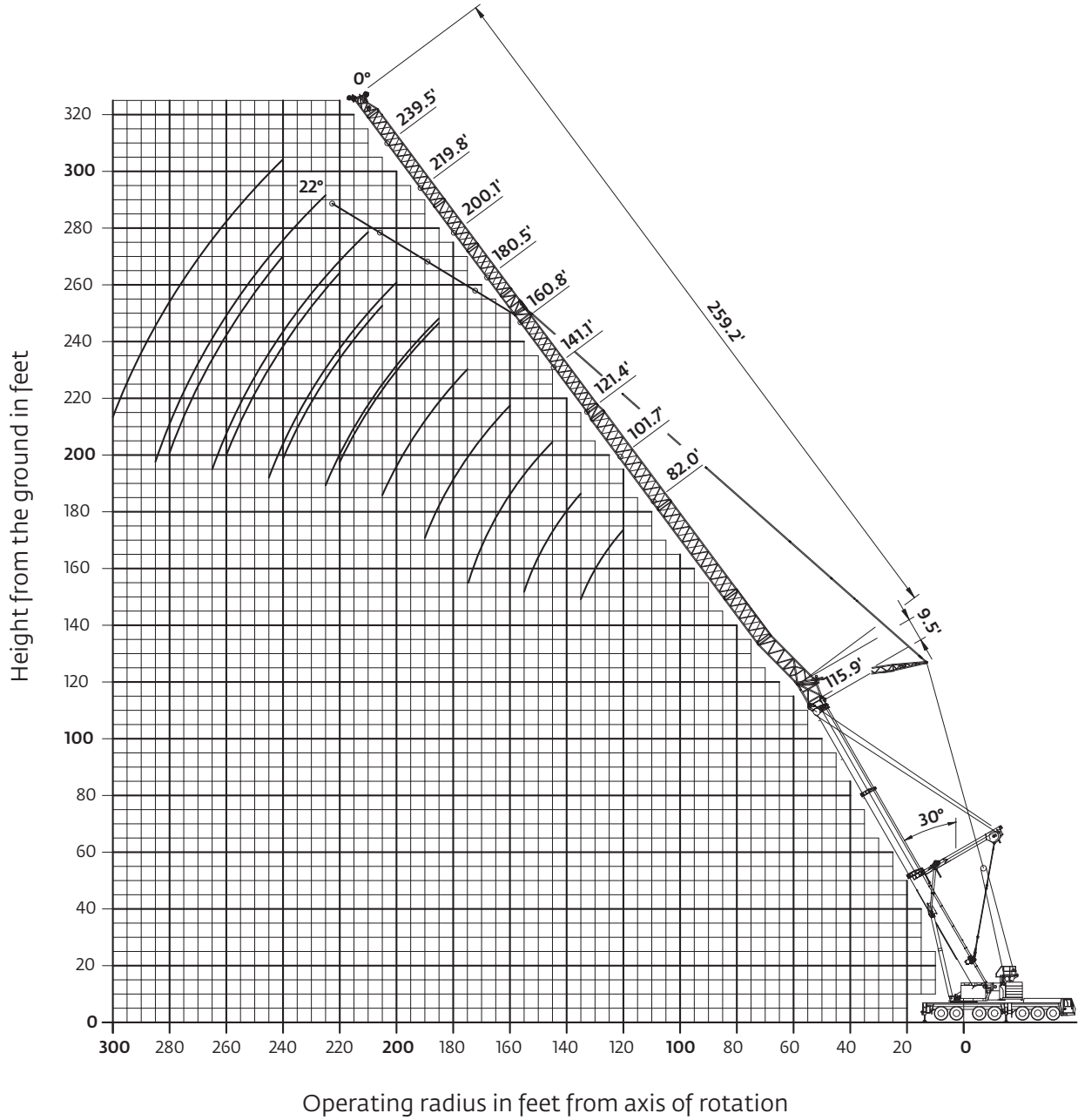
| Feet | Pounds (thousands) | | | | | | | | | |
|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
| 120 | 57.0 | | | | | | | | | |
| 125 | 53.0 | 49.0 | | | | | | | | |
| 130 | 51.0 | 47.0 | | | | | | | | |
| 135 | 49.0 | 46.0 | | | | | | | | |
| 140 | 47.0 | 43.8 | 41.4 | | | | | | | |
| 145 | | 42.2 | 39.8 | 37.2 | | | | | | |
| 150 | | 40.6 | 38.4 | 36.0 | | | | | | |
| 155 | | 39.0 | 37.0 | 34.6 | | | | | | |
| 160 | | 37.4 | 35.6 | 33.4 | 34.6 | | | | | |
| 165 | | | 34.4 | 32.2 | 33.6 | | | | | |
| 170 | | | 33.0 | 31.0 | 32.6 | | | | | |
| 175 | | | 31.8 | 29.6 | 31.4 | 28.0 | | | | |
| 180 | | | 30.6 | 28.0 | 29.6 | 26.6 | 25.2 | | | |
| 185 | | | | 26.2 | 27.8 | 25.8 | 24.4 | 23.0 | | |
| 190 | | | | 25.0 | 26.6 | 25.0 | 23.8 | 22.4 | | |
| 195 | | | | 24.0 | 25.8 | 24.2 | 23.0 | 21.8 | | |
| 200 | | | | | 25.0 | 23.4 | 22.4 | 21.2 | 19.6 | |
| 205 | | | | | 24.2 | 22.8 | 21.6 | 20.6 | 19.2 | |
| 210 | | | | | 23.4 | 22.0 | 21.0 | 20.0 | 18.6 | 15.2 |
| 215 | | | | | 22.6 | 21.4 | 20.4 | 19.4 | 18.2 | 15.2 |
| 220 | | | | | 21.8 | 20.6 | 19.8 | 18.8 | 17.6 | 15.2 |
| 225 | | | | | | 20.0 | 19.2 | 18.2 | 17.2 | 15.2 |
| 230 | | | | | | 19.2 | 18.6 | 17.6 | 16.6 | 15.0 |
| 235 | | | | | | 18.6 | 18.0 | 17.2 | 16.2 | 14.6 |
| 240 | | | | | | | 17.4 | 16.6 | 15.6 | 14.2 |
| 245 | | | | | | | 16.8 | 16.2 | 15.2 | 13.6 |
| 250 | | | | | | | 16.2 | 15.6 | 14.6 | 13.2 |
| 255 | | | | | | | 15.6 | 15.2 | 14.2 | 12.8 |
| 260 | | | | | | | 15.0 | 14.6 | 13.8 | 12.4 |
| 265 | | | | | | | | 14.2 | 13.2 | 12.0 |
| 270 | | | | | | | | 13.6 | 12.8 | 11.6 |
| 275 | | | | | | | | 13.2 | 12.4 | 11.2 |
| 280 | | | | | | | | | 12.0 | 10.8 |
| 285 | | | | | | | | | 11.6 | 10.6 |
| 290 | | | | | | | | | 11.2 | 10.2 |
| 295 | | | | | | | | | 10.8 | 9.8 |
| 300 | | | | | | | | | | 9.4 |
| 305 | | | | | | | | | | 9.0 |
| 310 | | | | | | | | | | 8.6 |

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Working range

Luffing jib with MegaWingLift™


82 ft - 259 ft luffing jib - 60° main boom with MegaWingLift





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


Load charts


Luffing jib with MegaWingLift™

 60°
 35.3 m + 2.9 m
 (115.9 ft + 9.5 ft)


 25 m - 79 m
 (82 ft - 259 ft)


 160 000 kg
 (352,700 lb)


 29 ft 2 in spread
 (100%)


 360°


| | | Pounds (thousands) | | | | | | | | | |
|------|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 | |
| 120 | 68.0 | | | | | | | | | | |
| 125 | 65.0 | | | | | | | | | | |
| 130 | 62.0 | | | | | | | | | | |
| 135 | 60.0 | 58.0 | | | | | | | | | |
| 140 | | 56.0 | | | | | | | | | |
| 145 | | 54.0 | 53.0 | | | | | | | | |
| 150 | | 52.0 | 51.0 | | | | | | | | |
| 155 | | 50.0 | 49.0 | | | | | | | | |
| 160 | | | 47.0 | 45.0 | | | | | | | |
| 165 | | | 45.0 | 43.6 | | | | | | | |
| 170 | | | 43.4 | 42.0 | | | | | | | |
| 175 | | | 41.6 | 40.4 | 39.4 | | | | | | |
| 180 | | | | 38.8 | 37.8 | | | | | | |
| 185 | | | | 37.4 | 36.4 | 35.0 | | | | | |
| 190 | | | | 36.0 | 35.0 | 33.6 | | | | | |
| 195 | | | | | 33.8 | 32.4 | | | | | |
| 200 | | | | | 32.6 | 31.2 | 30.2 | | | | |
| 205 | | | | | 31.4 | 30.0 | 29.0 | | | | |
| 210 | | | | | | 29.0 | 28.0 | 27.2 | | | |
| 215 | | | | | | 27.8 | 27.0 | 26.2 | | | |
| 220 | | | | | | 26.8 | 26.0 | 25.4 | | | |
| 225 | | | | | | 26.0 | 25.0 | 24.4 | 21.4 | | |
| 230 | | | | | | | 24.2 | 23.6 | 20.8 | | |
| 235 | | | | | | | 23.4 | 22.6 | 20.4 | | |
| 240 | | | | | | | 22.4 | 21.8 | 20.0 | 15.4 | |
| 245 | | | | | | | 21.6 | 21.0 | 19.6 | 15.4 | |
| 250 | | | | | | | | 20.4 | 19.2 | 15.0 | |
| 255 | | | | | | | | 19.6 | 18.8 | 14.6 | |
| 260 | | | | | | | | 19.0 | 18.4 | 14.2 | |
| 265 | | | | | | | | 18.2 | 17.8 | 14.0 | |
| 270 | | | | | | | | | 17.2 | 13.6 | |
| 275 | | | | | | | | | 16.6 | 13.4 | |
| 280 | | | | | | | | | 16.0 | 13.0 | |
| 285 | | | | | | | | | 15.4 | 12.8 | |
| 290 | | | | | | | | | | 12.6 | |
| 295 | | | | | | | | | | 12.4 | |
| 300 | | | | | | | | | | 12.0 | |

 60°
 45.0 m + 2.9 m
 (147.6 ft + 9.5 ft)

 25 m - 79 m
 (82 ft - 259 ft)

 160 000 kg
 (352,700 lb)

 29 ft 2 in spread
 (100%)






 360°

| | | Pounds (thousands) | | | | | | | | | |
|------|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 | |
| 140 | 52.0 | | | | | | | | | | |
| 145 | 50.0 | | | | | | | | | | |
| 150 | 48.0 | | | | | | | | | | |
| 155 | 46.0 | 44.0 | | | | | | | | | |
| 160 | | 42.6 | | | | | | | | | |
| 165 | | 40.8 | 39.6 | | | | | | | | |
| 170 | | 39.2 | 38.2 | | | | | | | | |
| 175 | | 37.6 | 36.6 | 35.0 | | | | | | | |
| 180 | | | 35.2 | 33.6 | | | | | | | |
| 185 | | | 34.0 | 32.4 | | | | | | | |
| 190 | | | 32.6 | 31.2 | | | | | | | |
| 195 | | | 31.4 | 30.0 | 29.0 | | | | | | |
| 200 | | | | 28.8 | 27.8 | | | | | | |
| 205 | | | | 27.8 | 26.8 | 25.6 | | | | | |
| 210 | | | | | 25.8 | 24.8 | | | | | |
| 215 | | | | | 24.8 | 23.8 | | | | | |
| 220 | | | | | 24.0 | 22.8 | 22.0 | | | | |
| 225 | | | | | 23.0 | 22.0 | 21.0 | | | | |
| 230 | | | | | | 21.2 | 20.2 | 19.6 | | | |
| 235 | | | | | | 20.4 | 19.6 | 18.8 | | | |
| 240 | | | | | | 19.6 | 18.8 | 18.2 | 17.2 | | |
| 245 | | | | | | 18.8 | 18.0 | 17.4 | 16.6 | | |
| 250 | | | | | | | 17.4 | 16.8 | 15.8 | 14.4 | |
| 255 | | | | | | | 16.6 | 16.2 | 15.2 | 14.2 | |
| 260 | | | | | | | 16.0 | 15.4 | 14.6 | 13.6 | |
| 265 | | | | | | | 15.4 | 14.8 | 14.0 | 13.0 | |
| 270 | | | | | | | | 14.2 | 13.4 | 12.4 | |
| 275 | | | | | | | | 13.8 | 12.8 | 11.8 | |
| 280 | | | | | | | | 13.2 | 12.4 | 11.4 | |
| 285 | | | | | | | | 12.6 | 11.8 | 10.8 | |
| 290 | | | | | | | | | 11.4 | 10.4 | |
| 295 | | | | | | | | | 10.8 | 9.8 | |
| 300 | | | | | | | | | 10.4 | 9.4 | |
| 305 | | | | | | | | | | 9.0 | |
| 310 | | | | | | | | | | 8.6 | |
| 315 | | | | | | | | | | 8.0 | |
| 320 | | | | | | | | | | 7.6 | |






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Load charts

Luffing jib with MegaWingLift™

 60°
  25 m - 79 m (82 ft - 259 ft)
  160 000 kg (352,700 lb)
  29 ft 2 in spread (100%)
  360°

| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 145 | 47.0 | | | | | | | | | |
| 150 | 45.0 | | | | | | | | | |
| 155 | 43.6 | | | | | | | | | |
| 160 | 41.8 | | | | | | | | | |
| 165 | | 40.4 | | | | | | | | |
| 170 | | 38.8 | | | | | | | | |
| 175 | | 37.2 | | | | | | | | |
| 180 | | 35.6 | | | | | | | | |
| 185 | | 34.2 | | | | | | | | |
| 190 | | | 34.6 | | | | | | | |
| 195 | | | 32.0 | | | | | | | |
| 200 | | | 30.8 | 30.2 | | | | | | |
| 205 | | | 29.6 | 29.2 | | | | | | |
| 210 | | | 28.4 | 28.0 | 26.4 | | | | | |
| 215 | | | | 27.0 | 25.4 | | | | | |
| 220 | | | | 26.0 | 24.4 | 22.8 | | | | |
| 225 | | | | 25.0 | 24.0 | 22.0 | | | | |
| 230 | | | | 24.0 | 23.6 | 21.2 | | | | |
| 235 | | | | 23.0 | 22.6 | 20.2 | 19.2 | | | |
| 240 | | | | | 21.8 | 20.2 | 18.6 | | | |
| 245 | | | | | 21.0 | 19.6 | 18.0 | 16.2 | | |
| 250 | | | | | 20.2 | 18.8 | 17.8 | 15.6 | | |
| 255 | | | | | 19.4 | 18.0 | 17.0 | 15.0 | 13.8 | |
| 260 | | | | | | 17.4 | 16.4 | 14.4 | 13.2 | |
| 265 | | | | | | 16.6 | 15.8 | 14.4 | 12.6 | |
| 270 | | | | | | 16.0 | 15.2 | 13.8 | 12.2 | |
| 275 | | | | | | | 14.6 | 13.2 | 11.6 | 10.6 |
| 280 | | | | | | | 14.0 | 12.6 | 11.0 | 10.0 |
| 285 | | | | | | | 13.4 | 12.2 | 10.6 | 9.6 |
| 290 | | | | | | | 12.8 | 11.6 | 10.2 | 9.0 |
| 295 | | | | | | | 12.2 | 11.0 | 9.6 | 8.6 |
| 300 | | | | | | | | 10.6 | 9.2 | 8.2 |
| 305 | | | | | | | | 10.2 | 8.8 | 7.8 |
| 310 | | | | | | | | | 8.8 | 7.2 |
| 315 | | | | | | | | | 8.2 | 6.8 |
| 320 | | | | | | | | | 7.8 | 6.4 |
| 325 | | | | | | | | | | 6.2 |
| 330 | | | | | | | | | | 5.8 |
| 335 | | | | | | | | | | 5.4 |
| 340 | | | | | | | | | | 5.4 |

 60°
  25 m - 79 m (82 ft - 259 ft)
  160 000 kg (352,700 lb)
  29 ft 2 in spread (100%)
  360°

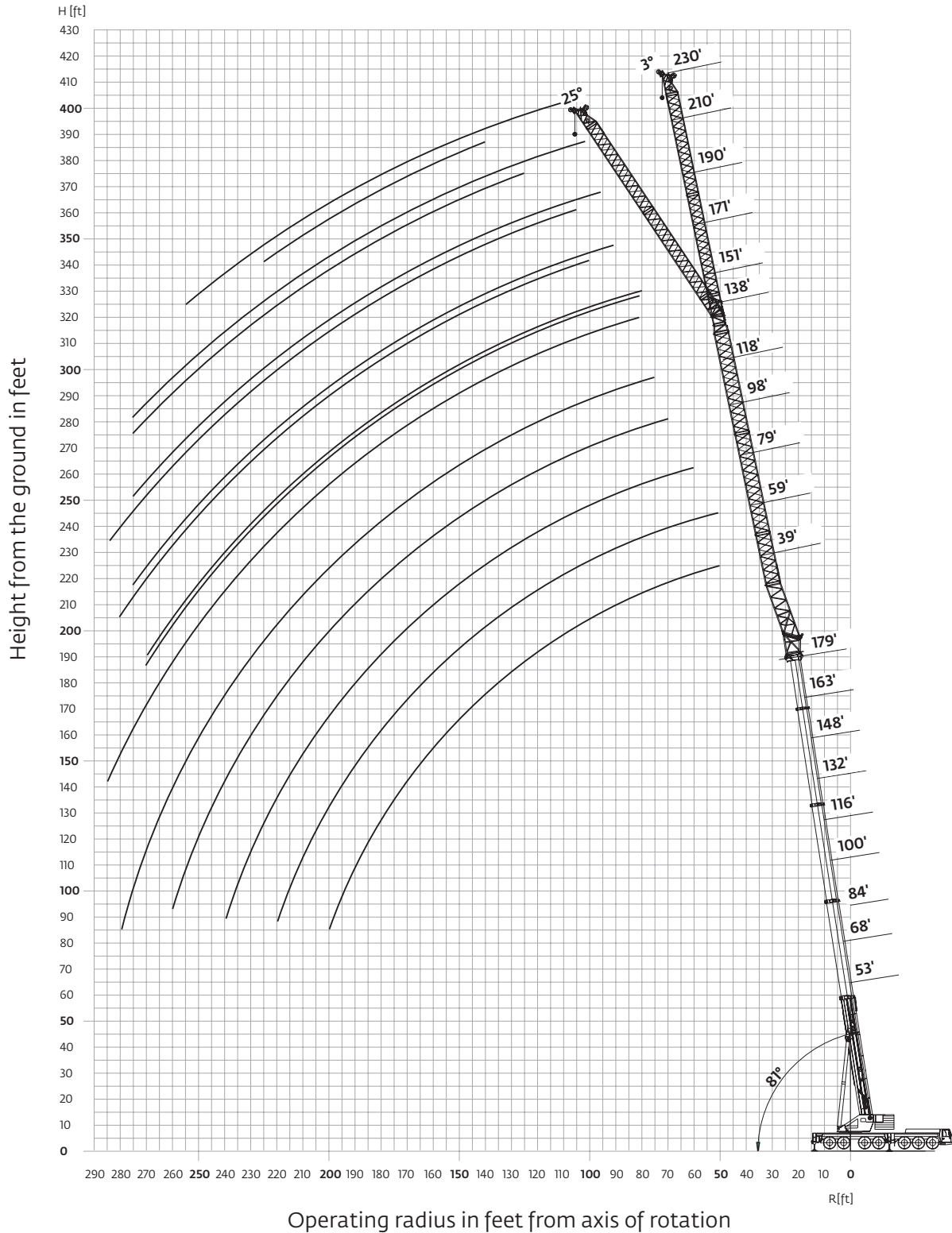
| Feet | 82.0 | 101.7 | 121.4 | 141.1 | 160.8 | 180.5 | 200.1 | 219.8 | 239.5 | 259.2 |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 160 | 39.6 | | | | | | | | | |
| 165 | 38.0 | | | | | | | | | |
| 170 | 36.4 | | | | | | | | | |
| 175 | 34.8 | | | | | | | | | |
| 180 | | 33.4 | | | | | | | | |
| 185 | | 32.2 | | | | | | | | |
| 190 | | 31.0 | 29.0 | | | | | | | |
| 195 | | 29.8 | 27.8 | | | | | | | |
| 200 | | | 25.8 | 23.2 | | | | | | |
| 205 | | | 24.6 | 22.4 | | | | | | |
| 210 | | | 23.6 | 21.6 | | | | | | |
| 215 | | | | 21.0 | 22.6 | | | | | |
| 220 | | | | 20.2 | 21.8 | | | | | |
| 225 | | | | 19.4 | 20.8 | | | | | |
| 230 | | | | 18.8 | 20.0 | 18.6 | | | | |
| 235 | | | | | 19.4 | 17.8 | | | | |
| 240 | | | | | 18.6 | 17.0 | | | | |
| 245 | | | | | 17.8 | 16.4 | 15.4 | | | |
| 250 | | | | | 17.2 | 16.4 | 14.6 | | | |
| 255 | | | | | | 15.8 | 14.0 | 13.2 | | |
| 260 | | | | | | 14.4 | 13.4 | 12.6 | | |
| 265 | | | | | | 13.8 | 12.8 | 12.0 | 10.8 | |
| 270 | | | | | | 13.2 | 12.4 | 11.6 | 10.2 | |
| 275 | | | | | | | 11.8 | 11.0 | 9.8 | 7.8 |
| 280 | | | | | | | 11.2 | 10.6 | 9.2 | 7.8 |
| 285 | | | | | | | 10.8 | 10.0 | 8.8 | 7.6 |
| 290 | | | | | | | 10.2 | 9.6 | 8.4 | 7.2 |
| 295 | | | | | | | | 9.2 | 8.0 | 6.8 |
| 300 | | | | | | | | 8.6 | 7.6 | 6.4 |
| 305 | | | | | | | | 8.2 | 7.0 | 6.0 |
| 310 | | | | | | | | 7.8 | 6.6 | 5.6 |
| 315 | | | | | | | | | 6.2 | 5.2 |
| 320 | | | | | | | | | 6.0 | 4.8 |
| 325 | | | | | | | | | 5.6 | 4.6 |
| 330 | | | | | | | | | | 4.2 |
| 335 | | | | | | | | | | 3.8 |
| 340 | | | | | | | | | | 3.6 |
| | | | | | | | | | | 3.2 |

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Working range

Lattice extension

39 ft - 230 ft boom extension



Load chart

Lattice extension



| Feet | | 163.4 | | | | | | | | | | | | | | |
|------|-------|-------|------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|-----|
| Feet | 39.4 | 59.1 | 78.7 | 98.4 | 118.1 | 137.8 | 150.9 | | 170.6 | | 190.3 | | 210.0 | | 229.7 | |
| | 3° | 3° | 3° | 3° | 3° | 3° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° |
| 45 | 105.0 | | | | | | | | | | | | | | | |
| 50 | 100.0 | 87.0 | | | | | | | | | | | | | | |
| 55 | 96.0 | 83.0 | 66.0 | | | | | | | | | | | | | |
| 60 | 90.0 | 80.0 | 63.0 | 51.0 | | | | | | | | | | | | |
| 65 | 85.0 | 77.0 | 61.0 | 49.0 | | | | | | | | | | | | |
| 70 | 79.0 | 72.0 | 58.0 | 47.0 | 41.6 | | | | | | | | | | | |
| 75 | 74.0 | 68.0 | 56.0 | 45.0 | 40.0 | 33.8 | 28.2 | | | | | | | | | |
| 80 | 70.0 | 64.0 | 53.0 | 43.6 | 38.6 | 32.6 | 27.0 | 25.6 | 23.4 | | | | | | | |
| 85 | 66.0 | 61.0 | 51.0 | 42.0 | 37.2 | 31.4 | 26.0 | 24.4 | 22.6 | | | | | | | |
| 90 | 62.0 | 57.0 | 50.0 | 40.4 | 35.8 | 29.8 | 24.8 | 23.6 | 21.6 | 19.0 | | | | | | |
| 95 | 58.0 | 54.0 | 48.0 | 39.0 | 34.4 | 28.4 | 23.8 | 22.6 | 20.8 | 18.6 | 18.2 | | 15.4 | 13.0 | | |
| 100 | 54.0 | 51.0 | 46.0 | 37.8 | 33.4 | 26.8 | 23.0 | 21.8 | 19.8 | 17.8 | 17.4 | 15.0 | 14.8 | 12.4 | | |
| 105 | 52.0 | 49.0 | 45.0 | 36.6 | 32.2 | 25.8 | 22.0 | 21.0 | 19.2 | 17.2 | 16.8 | 14.4 | 14.2 | 11.4 | 12.0 | |
| 110 | 49.0 | 46.0 | 43.0 | 35.2 | 31.2 | 25.0 | 21.2 | 20.2 | 18.4 | 16.4 | 16.0 | 13.8 | 13.6 | 11.4 | | |
| 115 | 46.0 | 44.0 | 41.4 | 34.0 | 30.0 | 24.2 | 20.4 | 19.4 | 17.6 | 15.8 | 15.4 | 13.2 | 13.2 | 11.0 | | |
| 120 | 43.6 | 41.8 | 39.6 | 32.8 | 28.8 | 23.4 | 19.6 | 18.8 | 17.0 | 15.2 | 14.8 | 12.8 | 12.6 | 10.4 | 10.6 | |
| 125 | 41.0 | 39.8 | 37.8 | 31.6 | 27.6 | 22.4 | 18.8 | 18.0 | 16.2 | 14.6 | 14.2 | 12.2 | 12.0 | 10.0 | 10.2 | |
| 130 | 38.6 | 38.0 | 36.0 | 30.4 | 26.4 | 21.8 | 18.2 | 17.4 | 15.6 | 14.2 | 13.6 | 11.8 | 11.6 | 9.6 | 9.6 | |
| 135 | 36.6 | 36.0 | 34.2 | 29.2 | 25.2 | 21.2 | 17.6 | 16.8 | 15.0 | 13.6 | 13.0 | 11.2 | 11.0 | 9.0 | 9.2 | 7.4 |
| 140 | 34.6 | 34.2 | 32.6 | 28.0 | 24.2 | 20.4 | 17.0 | 16.2 | 14.4 | 13.2 | 12.4 | 10.8 | 10.6 | 8.6 | 8.8 | 7.0 |
| 145 | 32.6 | 32.4 | 30.8 | 26.8 | 23.6 | 19.8 | 16.4 | 15.6 | 14.0 | 12.6 | 12.0 | 10.4 | 10.2 | 8.4 | 8.4 | 6.6 |
| 150 | 30.6 | 30.6 | 29.0 | 25.8 | 23.0 | 19.2 | 15.8 | 15.2 | 13.4 | 12.2 | 11.6 | 10.0 | 9.6 | 8.0 | 8.2 | 6.4 |
| 155 | 28.6 | 29.0 | 27.4 | 25.0 | 22.4 | 18.6 | 15.2 | 14.6 | 13.0 | 11.8 | 11.0 | 9.6 | 9.2 | 7.6 | 7.8 | 6.0 |
| 160 | 26.6 | 27.4 | 25.6 | 24.0 | 21.6 | 18.2 | 14.8 | 14.0 | 12.4 | 11.4 | 10.6 | 9.2 | 8.8 | 7.2 | 7.4 | 5.8 |
| 165 | 25.0 | 26.0 | 24.4 | 23.2 | 21.0 | 17.6 | 14.2 | 13.6 | 12.0 | 11.0 | 10.2 | 8.8 | 8.4 | 7.0 | 7.0 | 5.4 |
| 170 | 23.0 | 24.4 | 23.4 | 22.2 | 20.4 | 17.2 | 13.8 | 13.2 | 11.6 | 10.6 | 9.8 | 8.6 | 8.0 | 6.6 | 6.6 | 5.2 |
| 175 | 21.2 | 22.8 | 22.4 | 21.2 | 19.8 | 16.6 | 13.4 | 12.8 | 11.2 | 10.2 | 9.4 | 8.2 | 7.8 | 6.4 | 6.4 | 4.8 |
| 180 | 19.4 | 21.2 | 21.4 | 20.4 | 19.2 | 16.2 | 12.8 | 12.4 | 10.8 | 9.8 | 9.0 | 8.0 | 7.4 | 6.0 | 6.0 | 4.6 |
| 185 | 17.8 | 19.6 | 20.2 | 19.6 | 18.4 | 15.8 | 12.4 | 12.0 | 10.4 | 9.6 | 8.6 | 7.6 | 7.0 | 5.8 | 5.6 | 4.4 |
| 190 | 16.4 | 18.0 | 19.2 | 18.6 | 17.8 | 15.4 | 12.0 | 11.6 | 10.0 | 9.2 | 8.4 | 7.2 | 6.8 | 5.6 | 5.4 | 4.0 |
| 195 | | 16.4 | 18.2 | 17.8 | 17.2 | 15.0 | 11.6 | 11.2 | 9.6 | 8.8 | 8.0 | 7.0 | 6.4 | 5.2 | 5.2 | 3.8 |
| 200 | | 15.0 | 16.8 | 17.0 | 16.6 | 14.6 | 11.4 | 11.0 | 9.2 | 8.6 | 7.8 | 6.8 | 6.0 | 5.0 | 4.8 | 3.6 |
| 205 | | 13.8 | 15.4 | 16.0 | 15.8 | 14.2 | 11.0 | 10.6 | 9.0 | 8.2 | 7.4 | 6.6 | 5.8 | 4.8 | 4.6 | 3.4 |
| 210 | | | 14.2 | 15.2 | 15.0 | 13.8 | 10.6 | 10.2 | 8.6 | 8.0 | 7.2 | 6.2 | 5.6 | 4.6 | 4.2 | 3.2 |
| 215 | | | 12.8 | 13.8 | 14.4 | 13.4 | 10.2 | 10.0 | 8.4 | 7.8 | 6.8 | 6.0 | 5.4 | 4.4 | 4.0 | 3.0 |
| 220 | | | 11.8 | 12.6 | 13.6 | 12.8 | 10.0 | 9.6 | 8.0 | 7.4 | 6.6 | 5.8 | 5.0 | 4.2 | 3.8 | 2.8 |
| 225 | | | 10.6 | 11.6 | 12.4 | 12.2 | 9.6 | 9.2 | 7.8 | 7.2 | 6.2 | 5.6 | 4.8 | 4.0 | 3.6 | 2.6 |
| 230 | | | | 10.4 | 11.4 | 11.6 | 9.0 | 8.8 | 7.4 | 7.0 | 6.0 | 5.4 | 4.6 | 3.8 | 3.4 | |
| 235 | | | | 9.4 | 10.4 | 10.6 | 8.6 | 8.4 | 7.2 | 6.8 | 5.8 | 5.2 | 4.2 | 3.6 | 3.2 | |
| 240 | | | | 8.4 | 9.4 | 9.6 | 7.6 | 8.0 | 6.8 | 6.4 | 5.6 | 5.0 | 4.0 | 3.4 | 3.0 | |
| 245 | | | | | 8.4 | 8.6 | 6.8 | 7.2 | 6.6 | 6.2 | 5.4 | 4.8 | 3.8 | 3.2 | 2.8 | |
| 250 | | | | | 7.4 | 7.8 | 5.8 | 6.2 | 6.2 | 6.0 | 5.2 | 4.6 | 3.6 | 3.0 | | |
| 255 | | | | | 6.6 | 7.0 | 5.0 | 5.2 | 5.6 | 5.8 | 4.8 | 4.4 | 3.4 | 2.8 | | |
| 260 | | | | | 5.8 | 6.0 | 4.0 | 4.4 | 4.8 | 5.4 | 4.6 | 4.2 | 3.4 | 2.6 | | |
| 265 | | | | | | 5.2 | 3.2 | 3.6 | 4.0 | 4.8 | 4.4 | 3.8 | 3.2 | 2.6 | | |
| 270 | | | | | | 4.4 | 2.6 | 2.8 | 3.2 | 4.0 | 3.8 | 3.6 | 3.0 | | | |
| 275 | | | | | | 3.8 | | | 2.4 | 3.2 | 3.0 | 3.4 | 2.8 | | | |
| 280 | | | | | | 3.0 | | | | 2.4 | 2.2 | 3.2 | 2.4 | | | |
| 285 | | | | | | | | | | | | 2.6 | | | | |

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

Lattice extension



54.6 m
(179.2 ft)



12 m - 70 m
(39 ft - 230 ft)



120 000 kg
(264,500 lb)



29 ft 2 in spread
(100%)



360°



Pounds (thousands)

| Feet | 179.2 | | | | | | | | | | | | | | | |
|------|-------|------|------|------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|
| Feet | 39.4 | 59.1 | 78.7 | 98.4 | 118.1 | 137.8 | 150.9 | | 170.6 | | 190.3 | | 210.0 | | 229.7 | |
| | 3° | 3° | 3° | 3° | 3° | 3° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° |
| 45 | | | | | | | | | | | | | | | | |
| 50 | 87.0 | 78.0 | | | | | | | | | | | | | | |
| 55 | 83.0 | 75.0 | | | | | | | | | | | | | | |
| 60 | 80.0 | 72.0 | 60.0 | | | | | | | | | | | | | |
| 65 | 76.0 | 68.0 | 58.0 | | | | | | | | | | | | | |
| 70 | 72.0 | 65.0 | 56.0 | 47.0 | | | | | | | | | | | | |
| 75 | 68.0 | 61.0 | 54.0 | 46.0 | 38.6 | | | | | | | | | | | |
| 80 | 65.0 | 58.0 | 52.0 | 44.0 | 37.4 | 31.4 | 25.8 | 24.6 | | | | | | | | |
| 85 | 61.0 | 55.0 | 49.0 | 43.0 | 36.2 | 29.8 | 25.0 | 23.8 | | | | | | | | |
| 90 | 57.0 | 52.0 | 47.0 | 41.6 | 35.0 | 28.2 | 24.2 | 22.8 | 20.8 | | | | | | | |
| 95 | 54.0 | 50.0 | 45.0 | 40.2 | 34.0 | 27.0 | 23.2 | 22.0 | 20.0 | | | | | | | |
| 100 | 51.0 | 47.0 | 43.4 | 38.8 | 32.8 | 26.2 | 22.4 | 21.2 | 19.4 | 17.4 | 16.6 | | | 13.8 | | 11.6 |
| 105 | 49.0 | 45.0 | 41.6 | 37.4 | 31.4 | 25.4 | 21.6 | 20.6 | 18.6 | 16.8 | 16.0 | 14.0 | | 13.4 | | 11.2 |
| 110 | 46.0 | 43.0 | 39.8 | 35.8 | 30.2 | 24.6 | 20.8 | 19.8 | 18.0 | 16.2 | 15.6 | 13.4 | | 13.0 | | 10.8 |
| 115 | 44.0 | 41.0 | 38.0 | 34.6 | 28.8 | 24.0 | 20.2 | 19.2 | 17.2 | 15.6 | 15.0 | 13.0 | | 12.4 | | 10.4 |
| 120 | 41.8 | 39.2 | 36.4 | 33.2 | 27.6 | 23.2 | 19.4 | 18.6 | 16.6 | 15.0 | 14.4 | 12.4 | | 12.0 | | 10.0 |
| 125 | 39.8 | 37.2 | 35.0 | 31.8 | 26.6 | 22.6 | 18.8 | 18.0 | 16.0 | 14.6 | 14.0 | 12.0 | | 11.6 | 9.8 | 9.6 |
| 130 | 37.8 | 35.4 | 33.6 | 30.6 | 25.8 | 21.8 | 18.2 | 17.4 | 15.4 | 14.0 | 13.4 | 11.6 | | 11.2 | 9.4 | 9.2 |
| 135 | 35.8 | 33.6 | 32.2 | 29.2 | 25.0 | 21.2 | 17.6 | 16.8 | 15.0 | 13.6 | 13.0 | 11.2 | | 10.8 | 9.0 | 8.8 |
| 140 | 34.0 | 31.8 | 30.6 | 27.8 | 24.2 | 20.6 | 17.0 | 16.2 | 14.4 | 13.0 | 12.4 | 10.8 | | 10.4 | 8.6 | 8.4 |
| 145 | 32.0 | 30.0 | 29.2 | 26.6 | 23.4 | 20.0 | 16.4 | 15.6 | 14.0 | 12.6 | 12.0 | 10.4 | | 10.0 | 8.2 | 8.2 |
| 150 | 30.4 | 28.2 | 28.0 | 25.2 | 22.6 | 19.4 | 16.0 | 15.2 | 13.4 | 12.2 | 11.4 | 10.0 | | 9.6 | 7.8 | 7.8 |
| 155 | 28.8 | 26.4 | 26.6 | 23.8 | 21.8 | 18.8 | 15.4 | 14.8 | 13.0 | 11.8 | 11.0 | 9.6 | | 9.2 | 7.6 | 7.4 |
| 160 | 27.2 | 25.0 | 25.2 | 22.6 | 21.0 | 18.2 | 14.8 | 14.2 | 12.4 | 11.4 | 10.6 | 9.2 | | 8.8 | 7.2 | 7.2 |
| 165 | 25.6 | 24.0 | 23.8 | 21.6 | 20.2 | 17.6 | 14.4 | 13.8 | 12.0 | 11.0 | 10.2 | 9.0 | | 8.4 | 7.0 | 6.8 |
| 170 | 24.0 | 22.8 | 22.4 | 20.8 | 19.4 | 17.2 | 13.8 | 13.4 | 11.6 | 10.6 | 9.8 | 8.6 | | 8.2 | 6.6 | 6.6 |
| 175 | 22.2 | 21.8 | 21.2 | 20.0 | 18.6 | 16.6 | 13.4 | 13.0 | 11.2 | 10.2 | 9.6 | 8.2 | | 7.8 | 6.4 | 6.2 |
| 180 | 21.0 | 20.8 | 20.4 | 19.2 | 17.8 | 16.0 | 13.0 | 12.6 | 10.8 | 10.0 | 9.2 | 8.0 | | 7.4 | 6.0 | 6.0 |
| 185 | 19.2 | 19.6 | 19.4 | 18.4 | 17.2 | 15.4 | 12.6 | 12.2 | 10.4 | 9.6 | 8.8 | 7.6 | | 7.2 | 5.8 | 5.8 |
| 190 | 17.6 | 18.6 | 18.6 | 17.4 | 16.6 | 14.8 | 12.0 | 11.8 | 10.2 | 9.4 | 8.4 | 7.4 | | 6.8 | 5.6 | 5.4 |
| 195 | 16.2 | 17.2 | 17.6 | 16.6 | 15.8 | 14.4 | 11.6 | 11.4 | 9.8 | 9.0 | 8.2 | 7.2 | | 6.6 | 5.4 | 5.2 |
| 200 | 14.8 | 15.8 | 16.8 | 16.0 | 15.2 | 13.8 | 11.2 | 11.0 | 9.4 | 8.8 | 7.8 | 6.8 | | 6.2 | 5.2 | 5.0 |
| 205 | | 14.4 | 15.8 | 15.2 | 14.6 | 13.2 | 10.6 | 10.6 | 9.2 | 8.4 | 7.6 | 6.6 | | 6.0 | 4.8 | 4.6 |
| 210 | | 13.2 | 14.6 | 14.6 | 13.8 | 12.8 | 10.2 | 10.2 | 8.8 | 8.2 | 7.4 | 6.4 | | 5.6 | 4.6 | 4.4 |
| 215 | | 12.0 | 13.4 | 13.8 | 13.2 | 12.2 | 9.8 | 9.8 | 8.4 | 7.8 | 7.0 | 6.2 | | 5.4 | 4.4 | 4.2 |
| 220 | | 10.8 | 12.2 | 13.0 | 12.8 | 11.6 | 9.2 | 9.2 | 8.2 | 7.6 | 6.8 | 6.0 | | 5.2 | 4.2 | 4.0 |
| 225 | | | 11.2 | 12.0 | 12.2 | 11.2 | 8.8 | 8.8 | 7.8 | 7.4 | 6.6 | 5.8 | | 5.0 | 4.0 | 3.6 |
| 230 | | | 10.0 | 10.8 | 11.6 | 10.6 | 8.4 | 8.4 | 7.4 | 7.0 | 6.2 | 5.4 | | 4.8 | 3.8 | 3.4 |
| 235 | | | 9.0 | 9.8 | 10.6 | 10.2 | 7.8 | 8.0 | 7.0 | 6.8 | 6.0 | 5.2 | | 4.6 | 3.6 | 3.2 |
| 240 | | | 8.2 | 8.8 | 9.6 | 9.6 | 7.4 | 7.6 | 6.6 | 6.4 | 5.6 | 5.0 | | 4.2 | 3.4 | 3.0 |
| 245 | | | | 7.8 | 8.6 | 8.8 | 6.8 | 7.2 | 6.2 | 6.2 | 5.4 | 4.8 | | 4.0 | 3.2 | 2.8 |
| 250 | | | | 7.0 | 7.8 | 7.8 | 5.8 | 6.2 | 5.8 | 5.8 | 5.0 | 4.6 | | 3.8 | 3.2 | 2.6 |
| 255 | | | | 6.0 | 6.8 | 7.0 | 5.0 | 5.4 | 5.4 | 5.6 | 4.8 | 4.6 | | 3.6 | 3.0 | 2.4 |
| 260 | | | | 5.2 | 6.0 | 6.2 | 4.2 | 4.4 | 4.8 | 5.2 | 4.4 | 4.4 | | 3.2 | 2.8 | |
| 265 | | | | | 5.2 | 5.4 | 3.4 | 3.6 | 4.0 | 4.8 | 4.0 | 4.2 | | 3.0 | 2.6 | |
| 270 | | | | | 4.4 | 4.6 | 2.6 | 2.8 | 3.2 | 4.0 | 3.6 | 3.8 | | 2.8 | 2.6 | |
| 275 | | | | | 3.8 | 3.8 | | | 2.4 | 3.2 | 2.8 | 3.6 | | 2.6 | 2.4 | |
| 280 | | | | | 3.0 | 3.2 | | | | 2.4 | | 3.2 | | | | |
| 285 | | | | | | 2.4 | | | | | | 2.6 | | | | |

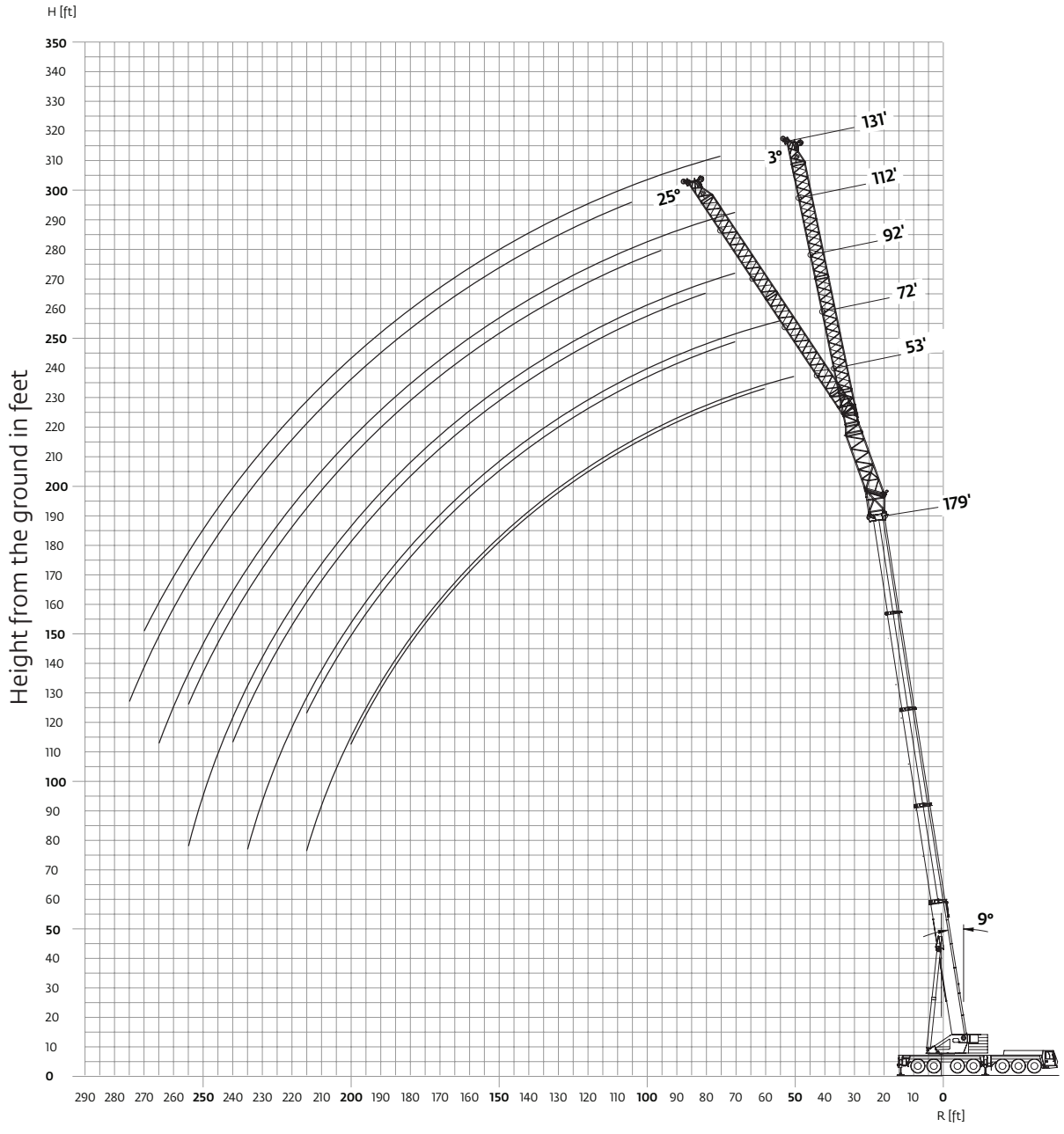
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

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Working range

Lattice extension

53 ft - 131 ft boom extension



Operating radius in feet from axis of rotation

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

Load chart

Lattice extension

 **49.8 m**
 (163.4 ft)
  **16 m - 60 m**
 (53 ft - 131 ft)
  **120 000 kg**
 (264,500 lb)
  **29 ft 2 in spread**
 (100%)
  **360°**






 Pounds (thousands)

| Feet | 163.4 | | | | | | | | | |
|------|-------|------|------|------|------|------|-------|-----|-------|------|
| | 52.5 | | 72.2 | | 91.9 | | 111.6 | | 131.2 | |
| Feet | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° |
| 45 | 97.0 | | | | | | | | | |
| 50 | 94.0 | | 74.0 | | | | | | | |
| 55 | 88.0 | 79.0 | 71.0 | | | | | | | |
| 60 | 82.0 | 77.0 | 69.0 | | 54.0 | | | | | |
| 65 | 78.0 | 74.0 | 66.0 | | 52.0 | | 43.2 | | | |
| 70 | 73.0 | 71.0 | 63.0 | 51.0 | 50.0 | | 41.6 | | | |
| 75 | 69.0 | 67.0 | 61.0 | 49.0 | 48.0 | | 40.0 | | | 34.6 |
| 80 | 65.0 | 64.0 | 58.0 | 48.0 | 47.0 | 36.4 | 38.4 | | | 33.2 |
| 85 | 61.0 | 60.0 | 55.0 | 46.0 | 45.0 | 35.4 | 37.0 | | | 32.0 |
| 90 | 57.0 | 57.0 | 53.0 | 45.0 | 43.4 | 34.4 | 35.6 | | 25.0 | 29.0 |
| 95 | 54.0 | 53.0 | 50.0 | 43.8 | 42.0 | 33.4 | 34.4 | | 24.4 | 27.4 |
| 100 | 51.0 | 51.0 | 48.0 | 42.8 | 40.6 | 32.6 | 33.2 | | 23.8 | 26.0 |
| 105 | 48.0 | 48.0 | 45.0 | 41.6 | 39.2 | 31.6 | 32.2 | | 23.2 | 25.2 |
| 110 | 46.0 | 46.0 | 43.4 | 40.4 | 38.0 | 30.6 | 31.0 | | 22.6 | 24.4 |
| 115 | 43.2 | 43.4 | 41.4 | 39.0 | 36.6 | 29.4 | 29.8 | | 22.0 | 23.6 |
| 120 | 41.2 | 41.2 | 39.4 | 37.8 | 35.4 | 28.2 | 28.6 | | 21.4 | 22.8 |
| 125 | 39.0 | 39.2 | 37.4 | 36.4 | 34.2 | 27.0 | 27.4 | | 21.0 | 22.2 |
| 130 | 37.0 | 37.2 | 35.4 | 35.2 | 33.0 | 26.6 | 26.2 | | 20.4 | 21.4 |
| 135 | 35.0 | 35.2 | 33.4 | 33.6 | 31.8 | 26.0 | 25.2 | | 20.0 | 20.8 |
| 140 | 32.8 | 33.4 | 31.6 | 31.8 | 30.6 | 25.4 | 24.4 | | 19.6 | 20.2 |
| 145 | 31.2 | 31.4 | 29.6 | 30.0 | 29.2 | 24.8 | 23.8 | | 19.2 | 19.6 |
| 150 | 29.4 | 29.8 | 27.8 | 28.2 | 27.6 | 24.2 | 23.0 | | 18.8 | 19.0 |
| 155 | 27.8 | 28.0 | 26.0 | 26.4 | 26.2 | 23.6 | 22.4 | | 18.4 | 18.6 |
| 160 | 26.0 | 26.4 | 24.4 | 25.0 | 24.8 | 23.0 | 21.8 | | 18.0 | 18.0 |
| 165 | 24.4 | 24.8 | 23.4 | 23.8 | 23.2 | 22.4 | 21.2 | | 17.6 | 17.6 |
| 170 | 22.6 | 23.2 | 22.2 | 22.8 | 21.8 | 21.8 | 20.6 | | 17.4 | 17.0 |
| 175 | 20.6 | 21.2 | 21.2 | 21.6 | 20.8 | 21.2 | 19.2 | | 17.0 | 16.6 |
| 180 | 18.8 | 19.4 | 20.0 | 20.4 | 19.8 | 20.4 | 18.6 | | 16.8 | 16.2 |
| 185 | 17.2 | 17.6 | 19.0 | 19.4 | 19.0 | 19.6 | 18.6 | | 16.4 | 15.8 |
| 190 | 15.6 | 16.0 | 17.4 | 18.2 | 18.0 | 18.6 | 17.8 | | 16.2 | 15.4 |
| 195 | 14.0 | | 15.8 | 17.0 | 17.0 | 17.6 | 17.2 | | 15.6 | 15.0 |
| 200 | 12.6 | | 14.4 | 15.4 | 16.0 | 16.8 | 16.4 | | 15.2 | 14.6 |
| 205 | | | 13.0 | | 14.6 | 15.8 | 15.8 | | 14.8 | 14.2 |
| 210 | | | 11.8 | | 13.2 | 15.0 | 15.0 | | 14.2 | 13.8 |
| 215 | | | 10.6 | | 12.0 | 13.6 | 14.2 | | 13.8 | 13.2 |
| 220 | | | 9.4 | | 10.8 | 12.2 | 13.2 | | 13.2 | 12.4 |
| 225 | | | | | 9.8 | | 12.0 | | 12.8 | 11.8 |
| 230 | | | | | 8.8 | | 11.0 | | 11.6 | 10.8 |
| 235 | | | | | 7.8 | | 9.8 | | 10.4 | 9.8 |
| 240 | | | | | 6.8 | | 8.8 | | 9.2 | 8.8 |
| 245 | | | | | | | 7.8 | | | 7.8 |
| 250 | | | | | | | 6.8 | | | 6.8 |
| 255 | | | | | | | 6.0 | | | 6.0 |
| 260 | | | | | | | 5.0 | | | 5.2 |
| 265 | | | | | | | 4.2 | | | 4.4 |
| 270 | | | | | | | | | | 3.6 |

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Load chart

Lattice extension

 **54,6 m**
(179.2 ft)
  **16 m - 40 m**
(53 ft - 131 ft)
  **120 000 kg**
(264,500 lb)
  **29 ft 2 in spread**
(100%)
  **360°**

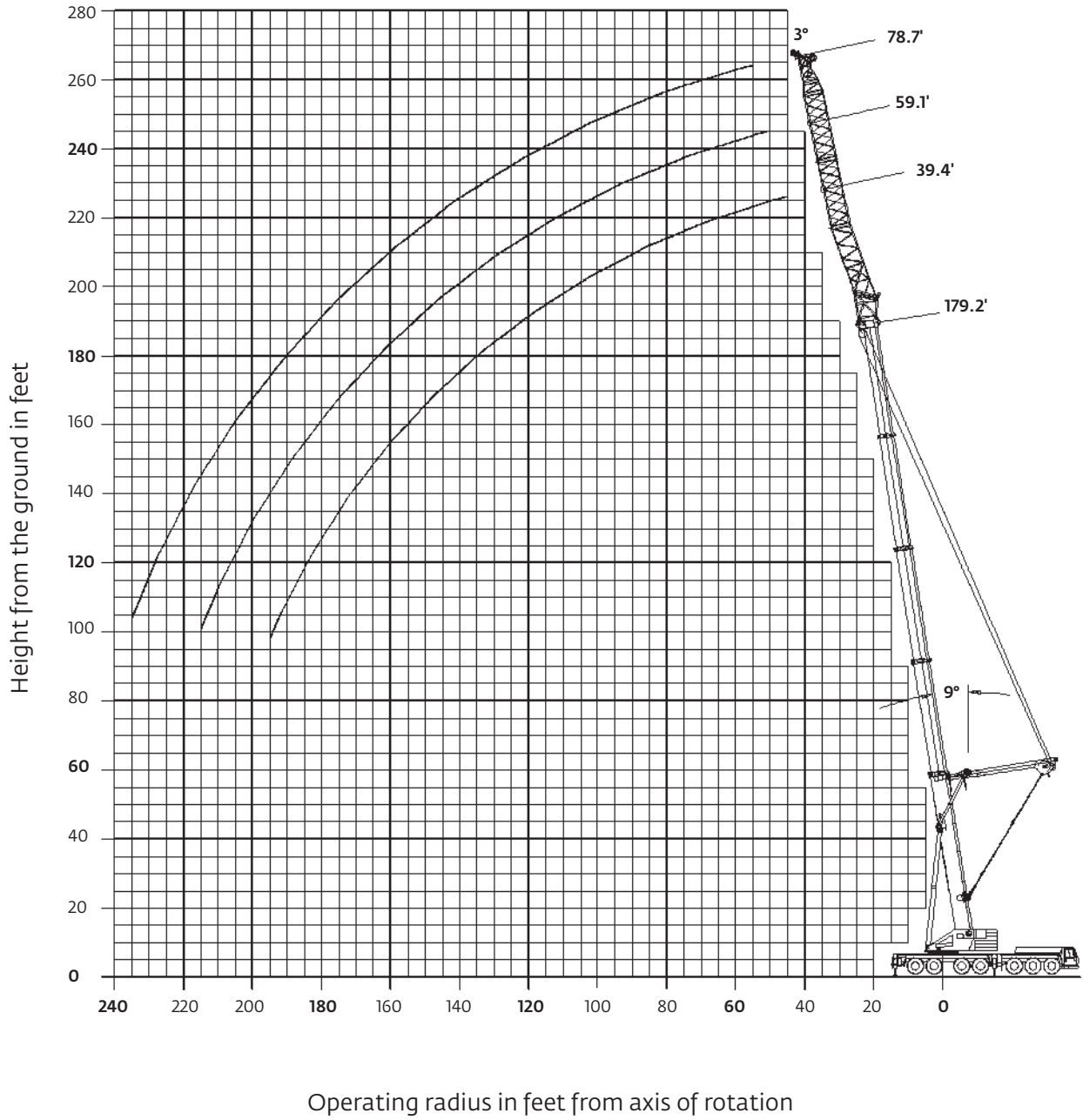
| Feet | Pounds (thousands) | | | | | | | | | |
|------|--------------------|------|------|------|------|------|-------|------|-------|------|
| | 52.5 | | 72.2 | | 91.9 | | 111.6 | | 131.2 | |
| Feet | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° | 3° | 25° |
| 45 | | | | | | | | | | |
| 50 | 81.0 | | | | | | | | | |
| 55 | 77.0 | | 67.0 | | | | | | | |
| 60 | 73.0 | 71.0 | 65.0 | | | | | | | |
| 65 | 70.0 | 67.0 | 61.0 | | | | | | | |
| 70 | 66.0 | 64.0 | 58.0 | 50.0 | 49.0 | | 40.4 | | | |
| 75 | 63.0 | 61.0 | 55.0 | 48.0 | 47.0 | | 39.0 | | | 32.2 |
| 80 | 59.0 | 57.0 | 53.0 | 47.0 | 46.0 | 36.0 | 37.8 | | | 30.8 |
| 85 | 56.0 | 54.0 | 50.0 | 46.0 | 44.0 | 35.0 | 36.6 | | | 29.0 |
| 90 | 53.0 | 52.0 | 48.0 | 44.0 | 42.6 | 34.2 | 35.6 | | | 27.6 |
| 95 | 50.0 | 49.0 | 46.0 | 43.0 | 41.2 | 33.2 | 34.4 | 25.6 | | 26.6 |
| 100 | 47.0 | 47.0 | 43.6 | 41.6 | 39.6 | 32.4 | 33.4 | 25.0 | | 25.8 |
| 105 | 45.0 | 45.0 | 41.6 | 40.0 | 38.0 | 31.6 | 32.4 | 24.4 | | 25.0 |
| 110 | 43.0 | 42.6 | 39.6 | 38.4 | 36.4 | 30.8 | 31.6 | 23.8 | | 24.2 |
| 115 | 40.8 | 40.6 | 38.0 | 36.8 | 34.8 | 30.0 | 30.6 | 23.2 | | 23.4 |
| 120 | 38.8 | 38.6 | 36.4 | 35.2 | 33.2 | 29.0 | 29.4 | 22.8 | | 22.8 |
| 125 | 36.6 | 36.8 | 34.8 | 33.4 | 31.8 | 28.0 | 28.2 | 22.2 | | 22.0 |
| 130 | 34.6 | 34.8 | 33.0 | 31.6 | 30.2 | 27.0 | 26.8 | 21.8 | | 21.4 |
| 135 | 32.8 | 32.8 | 31.4 | 29.8 | 28.6 | 26.0 | 25.6 | 21.4 | | 20.8 |
| 140 | 30.8 | 31.0 | 29.8 | 28.2 | 27.2 | 25.2 | 24.2 | 20.8 | | 20.4 |
| 145 | 28.8 | 29.0 | 28.4 | 27.0 | 25.6 | 24.4 | 23.2 | 20.4 | | 19.8 |
| 150 | 27.0 | 27.2 | 26.8 | 25.8 | 24.4 | 23.6 | 22.4 | 20.0 | | 19.2 |
| 155 | 25.2 | 25.4 | 25.4 | 24.8 | 23.4 | 23.0 | 21.6 | 19.8 | | 18.6 |
| 160 | 24.0 | 24.2 | 23.8 | 23.6 | 22.4 | 22.2 | 20.8 | 19.4 | | 18.2 |
| 165 | 22.8 | 23.2 | 22.4 | 22.6 | 21.4 | 21.4 | 19.8 | 19.0 | | 17.6 |
| 170 | 21.8 | 22.0 | 21.2 | 21.6 | 20.6 | 20.6 | 19.8 | 18.6 | | 17.0 |
| 175 | 20.6 | 20.8 | 20.2 | 20.6 | 19.6 | 19.8 | 18.4 | 18.0 | | 16.6 |
| 180 | 19.4 | 19.6 | 19.2 | 19.6 | 18.6 | 18.8 | 17.6 | 17.4 | | 16.0 |
| 185 | 18.0 | 18.4 | 18.2 | 18.6 | 17.8 | 18.0 | 16.8 | 16.8 | | 15.6 |
| 190 | 16.4 | 17.0 | 17.4 | 17.8 | 17.0 | 17.4 | 16.2 | 16.2 | | 15.0 |
| 195 | 15.0 | 15.4 | 16.4 | 16.8 | 16.2 | 16.6 | 15.4 | 15.6 | | 14.4 |
| 200 | 13.6 | 14.0 | 15.0 | 15.8 | 15.4 | 15.8 | 14.6 | 15.0 | | 13.8 |
| 205 | 12.2 | | 13.8 | 15.0 | 14.6 | 15.0 | 14.0 | 14.4 | | 13.2 |
| 210 | 11.0 | | 12.4 | 13.6 | 13.8 | 14.4 | 13.2 | 13.8 | | 12.6 |
| 215 | 9.8 | | 11.2 | 12.2 | 12.8 | 13.6 | 12.6 | 13.2 | | 12.0 |
| 220 | | | 10.0 | | 11.6 | 12.8 | 12.0 | 12.6 | | 11.4 |
| 225 | | | 9.0 | | 10.4 | 11.8 | 11.2 | 12.0 | | 10.8 |
| 230 | | | 7.8 | | 9.4 | 10.6 | 10.0 | 11.4 | | 10.4 |
| 235 | | | 6.8 | | 8.4 | 9.4 | 9.0 | 10.8 | | 9.8 |
| 240 | | | | | 7.4 | 8.2 | 8.0 | 9.8 | | 8.8 |
| 245 | | | | | 6.4 | | 7.2 | 8.6 | | 7.8 |
| 250 | | | | | 5.4 | | 6.2 | 7.6 | | 7.0 |
| 255 | | | | | 4.6 | | 5.4 | 6.6 | | 6.0 |
| 260 | | | | | | | 4.6 | | | 5.2 |
| 265 | | | | | | | 3.8 | | | 4.4 |
| 270 | | | | | | | | | | 3.6 |
| 275 | | | | | | | | | | 4.4 |

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Working range

Lattice extension with MegaWingLift™

39 ft - 79 ft lattice extension with MegaWingLift



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

Load chart

Lattice extension with MegaWingLift™

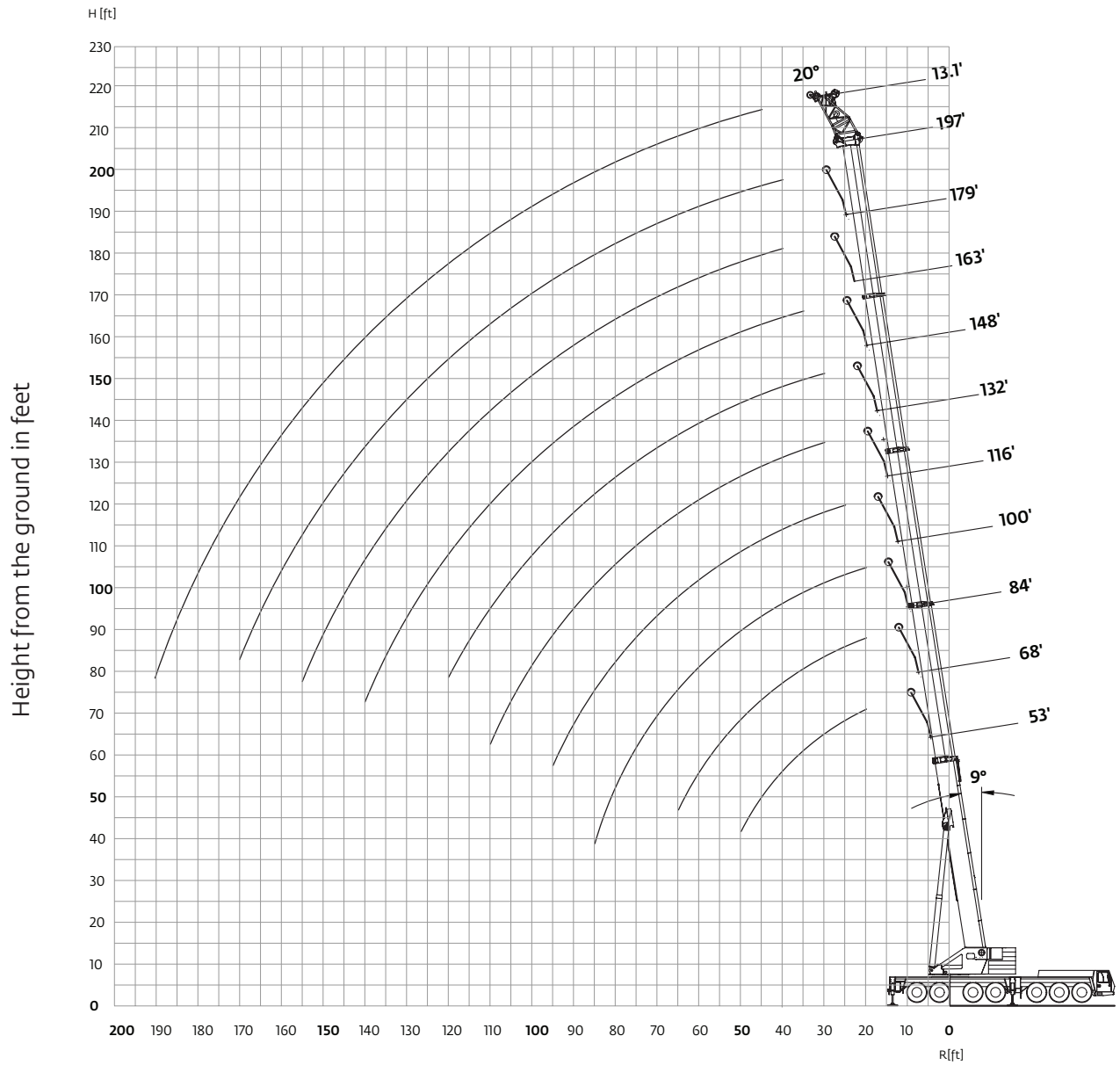
| 49.8 m - 54.6 m (163.4 ft - 179.2 ft) | | 12 m - 24 m (39 ft - 79 ft) | | 160 000 kg (352,700 lb) | | 29 ft 2 in spread (100%) | | 360° | |
|--|-------|--------------------------------|------|----------------------------|-------|-----------------------------|--|------|--|
| G | | Pounds (thousands) | | | | | | | |
| Feet | 163.4 | | | | 179.2 | | | | |
| Feet | 39.4 | 59.1 | 78.7 | 39.4 | 59.1 | 78.7 | | | |
| | 3° | 3° | 3° | 3° | 3° | 3° | | | |
| 40 | 114.0 | | | | | | | | |
| 45 | 107.0 | 86.0 | | | 100.0 | | | | |
| 50 | 100.0 | 81.0 | 66.0 | | 94.0 | 78.0 | | | |
| 55 | 95.0 | 77.0 | 63.0 | | 88.0 | 74.0 | | 62.0 | |
| 60 | 90.0 | 73.0 | 61.0 | | 83.0 | 69.0 | | 59.0 | |
| 65 | 85.0 | 69.0 | 58.0 | | 79.0 | 65.0 | | 56.0 | |
| 70 | 81.0 | 65.0 | 55.0 | | 74.0 | 62.0 | | 52.0 | |
| 75 | 77.0 | 62.0 | 52.0 | | 71.0 | 58.0 | | 50.0 | |
| 80 | 73.0 | 59.0 | 49.0 | | 68.0 | 55.0 | | 48.0 | |
| 85 | 69.0 | 56.0 | 47.0 | | 65.0 | 52.0 | | 45.0 | |
| 90 | 67.0 | 53.0 | 45.0 | | 62.0 | 50.0 | | 43.2 | |
| 95 | 64.0 | 51.0 | 43.2 | | 59.0 | 48.0 | | 41.4 | |
| 100 | 62.0 | 49.0 | 41.4 | | 56.0 | 46.0 | | 39.8 | |
| 105 | 59.0 | 47.0 | 39.4 | | 54.0 | 43.8 | | 38.2 | |
| 110 | 57.0 | 45.0 | 38.0 | | 52.0 | 42.2 | | 36.6 | |
| 115 | 55.0 | 43.4 | 36.8 | | 49.0 | 40.8 | | 35.0 | |
| 120 | 53.0 | 41.8 | 35.4 | | 47.0 | 39.4 | | 33.6 | |
| 125 | 51.0 | 40.2 | 34.2 | | 46.0 | 37.8 | | 32.2 | |
| 130 | 49.0 | 39.0 | 32.8 | | 44.0 | 36.4 | | 30.8 | |
| 135 | 47.0 | 37.8 | 31.4 | | 43.0 | 35.0 | | 29.4 | |
| 140 | 46.0 | 36.6 | 30.4 | | 41.6 | 33.8 | | 28.0 | |
| 145 | 45.0 | 35.4 | 29.2 | | 40.2 | 32.4 | | 26.6 | |
| 150 | 43.4 | 34.2 | 28.0 | | 38.8 | 31.2 | | 25.8 | |
| 155 | 40.8 | 33.2 | 27.0 | | 37.8 | 29.8 | | 25.0 | |
| 160 | 38.2 | 32.4 | 25.8 | | 36.8 | 28.6 | | 24.2 | |
| 165 | 35.6 | 31.4 | 24.6 | | 35.8 | 27.4 | | 23.6 | |
| 170 | 33.4 | 30.6 | 23.8 | | 34.4 | 26.6 | | 22.8 | |
| 175 | 31.2 | 29.8 | 23.2 | | 32.2 | 26.0 | | 22.0 | |
| 180 | 29.2 | 28.8 | 22.6 | | 30.2 | 25.2 | | 21.4 | |
| 185 | | 28.0 | 22.0 | | 28.2 | 24.6 | | 20.8 | |
| 190 | | 27.0 | 21.4 | | 26.4 | 23.8 | | 20.2 | |
| 195 | | 25.4 | 20.8 | | 24.6 | 23.2 | | 19.6 | |
| 200 | | 23.6 | 20.2 | | | 22.8 | | 19.2 | |
| 205 | | | 19.8 | | | 22.2 | | 18.6 | |
| 210 | | | 19.4 | | | 21.2 | | 18.0 | |
| 215 | | | 19.0 | | | 19.8 | | 17.6 | |
| 220 | | | 18.4 | | | | | 17.2 | |
| 225 | | | | | | | | 16.8 | |
| 230 | | | | | | | | 16.4 | |
| 235 | | | | | | | | 16.0 | |

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Working range

Heavy duty jib

13 ft heavy duty jib



Operating radius in feet from axis of rotation

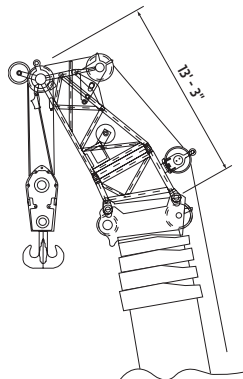
Hook heights shown in the working diagram do not consider loaded boom deflection.

Load chart

Heavy duty jib

 16,0 m - 60 m
(53 ft - 197 ft)
  4 m
(13.1 ft)
  120 000 kg
(264,500 lb)
  29 ft 2 in spread
(100%)
  360°

| | | Pounds (thousands) | | | | | | | | | |
|------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Feet | 52.6 | 68.4 | 84.3 | 100.1 | 115.9 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 | |
| 20 | 190.0 | 190.0 | 190.0 | | | | | | | | |
| 25 | 190.0 | 190.0 | 190.0 | 190.0 | | | | | | | |
| 30 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | | | | | |
| 35 | 190.0 | 190.0 | 190.0 | 190.0 | 190.0 | 182.0 | 166.0 | | | | |
| 40 | 190.0 | 190.0 | 190.0 | 190.0 | 181.0 | 167.0 | 153.0 | 138.0 | 120.0 | | |
| 45 | 190.0 | 190.0 | 190.0 | 185.0 | 164.0 | 151.0 | 140.0 | 129.0 | 116.0 | 104.0 | |
| 50 | 190.0 | 190.0 | 187.0 | 170.0 | 151.0 | 140.0 | 130.0 | 121.0 | 109.0 | 99.0 | |
| 55 | | 171.0 | 169.0 | 156.0 | 138.0 | 129.0 | 120.0 | 113.0 | 102.0 | 94.0 | |
| 60 | | 154.0 | 151.0 | 143.0 | 128.0 | 118.0 | 110.0 | 105.0 | 96.0 | 89.0 | |
| 65 | | 138.0 | 135.0 | 132.0 | 119.0 | 109.0 | 102.0 | 98.0 | 91.0 | 84.0 | |
| 70 | | | 120.0 | 121.0 | 110.0 | 102.0 | 95.0 | 91.0 | 85.0 | 79.0 | |
| 75 | | | 107.0 | 108.0 | 103.0 | 95.0 | 88.0 | 85.0 | 80.0 | 74.0 | |
| 80 | | | 96.0 | 97.0 | 97.0 | 88.0 | 82.0 | 79.0 | 75.0 | 71.0 | |
| 85 | | | 86.0 | 88.0 | 88.0 | 83.0 | 77.0 | 74.0 | 71.0 | 67.0 | |
| 90 | | | | 79.0 | 80.0 | 78.0 | 73.0 | 70.0 | 67.0 | 63.0 | |
| 95 | | | | 72.0 | 73.0 | 74.0 | 68.0 | 66.0 | 63.0 | 60.0 | |
| 100 | | | | | 66.0 | 68.0 | 64.0 | 62.0 | 60.0 | 56.0 | |
| 105 | | | | | 60.0 | 62.0 | 61.0 | 58.0 | 57.0 | 53.0 | |
| 110 | | | | | 55.0 | 57.0 | 58.0 | 55.0 | 54.0 | 49.0 | |
| 115 | | | | | | 52.0 | 54.0 | 52.0 | 51.0 | 47.0 | |
| 120 | | | | | | 48.0 | 50.0 | 49.0 | 48.0 | 45.0 | |
| 125 | | | | | | | 46.0 | 47.0 | 45.0 | 42.6 | |
| 130 | | | | | | | 42.2 | 45.0 | 43.4 | 40.4 | |
| 135 | | | | | | | 39.0 | 41.2 | 41.4 | 38.2 | |
| 140 | | | | | | | 36.0 | 38.2 | 39.4 | 36.2 | |
| 145 | | | | | | | | 35.4 | 37.4 | 34.4 | |
| 150 | | | | | | | | 32.8 | 34.8 | 32.8 | |
| 155 | | | | | | | | 30.4 | 32.4 | 31.0 | |
| 160 | | | | | | | | | 30.2 | 29.2 | |
| 165 | | | | | | | | | 28.0 | 27.4 | |
| 170 | | | | | | | | | 26.2 | 25.6 | |
| 175 | | | | | | | | | | 24.4 | |
| 180 | | | | | | | | | | 22.6 | |
| 185 | | | | | | | | | | 21.0 | |
| 190 | | | | | | | | | | 19.4 | |

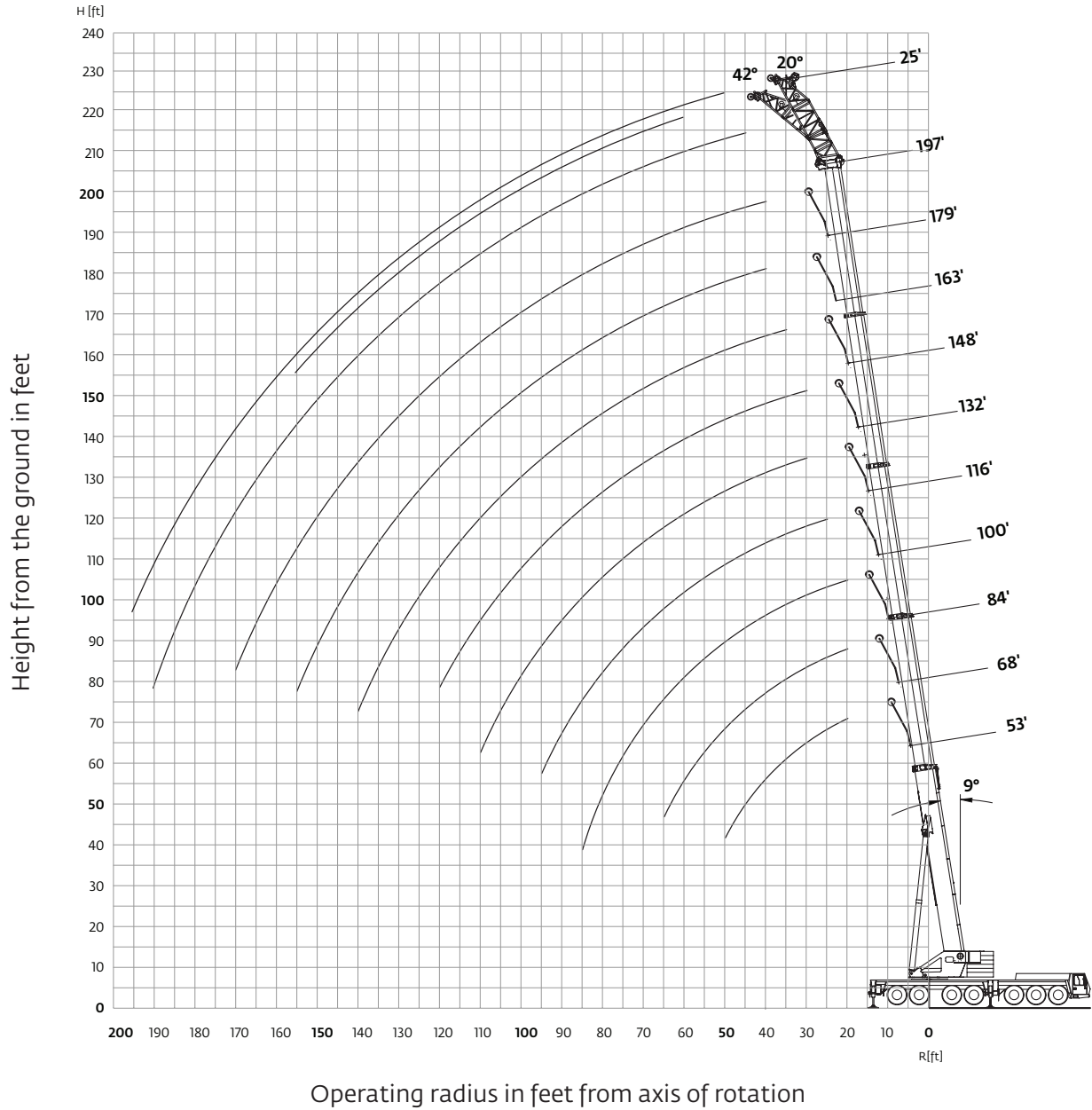


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Working range

Heavy duty jib

25 ft heavy duty jib



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

Load chart

Heavy duty jib


 16,0 m - 60 m
 (53 ft - 197 ft)

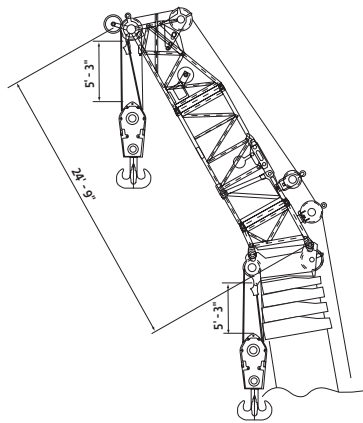

 7,5 m
 (24.6 ft)


 120 000 kg
 (264,500 lb)


 29 ft 2 in spread
 (100%)


 360°

| | | Pounds (thousands) | | | | | | | | | | | | | | | | | | | |
|------|-------|--------------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|--|
| Feet | 52.6 | | 68.4 | | 84.3 | | 100.1 | | 115.9 | | 131.7 | | 147.6 | | 163.4 | | 179.2 | | 196.9 | | |
| | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | |
| 20 | 118.0 | | 122.0 | | | | | | | | | | | | | | | | | | |
| 25 | 107.0 | 94.0 | 113.0 | 97.0 | 117.0 | | | | | | | | | | | | | | | | |
| 30 | 100.0 | 89.0 | 106.0 | 93.0 | 110.0 | 95.0 | 114.0 | 96.0 | 115.0 | | | | | | | | | | | | |
| 35 | 93.0 | 85.0 | 100.0 | 89.0 | 104.0 | 91.0 | 108.0 | 93.0 | 110.0 | 94.0 | 111.0 | | | | | | | | | | |
| 40 | 88.0 | 81.0 | 94.0 | 85.0 | 99.0 | 88.0 | 103.0 | 90.0 | 105.0 | 91.0 | 107.0 | 92.0 | 106.0 | 92.0 | 104.0 | | | | | | |
| 45 | 84.0 | 79.0 | 89.0 | 83.0 | 95.0 | 85.0 | 99.0 | 88.0 | 101.0 | 89.0 | 103.0 | 90.0 | 103.0 | 90.0 | 101.0 | | | 97.0 | | | |
| 50 | 79.0 | 77.0 | 85.0 | 80.0 | 91.0 | 83.0 | 95.0 | 85.0 | 98.0 | 87.0 | 100.0 | 88.0 | 100.0 | 87.0 | 99.0 | 87.0 | 95.0 | 84.0 | 88.0 | | |
| 55 | 76.0 | | 82.0 | 78.0 | 87.0 | 81.0 | 91.0 | 83.0 | 94.0 | 85.0 | 96.0 | 86.0 | 97.0 | 86.0 | 95.0 | 85.0 | 91.0 | 83.0 | 84.0 | | |
| 60 | 75.0 | | 79.0 | 77.0 | 83.0 | 79.0 | 88.0 | 81.0 | 91.0 | 83.0 | 93.0 | 84.0 | 94.0 | 84.0 | 91.0 | 83.0 | 87.0 | 82.0 | 80.0 | 78.0 | |
| 65 | 74.0 | | 76.0 | 76.0 | 81.0 | 78.0 | 85.0 | 80.0 | 88.0 | 81.0 | 91.0 | 82.0 | 92.0 | 83.0 | 87.0 | 82.0 | 83.0 | 80.0 | 76.0 | 75.0 | |
| 70 | | | 75.0 | | 79.0 | 77.0 | 82.0 | 78.0 | 86.0 | 80.0 | 88.0 | 81.0 | 87.0 | 80.0 | 83.0 | 80.0 | 78.0 | 76.0 | 72.0 | 72.0 | |
| 75 | | | 75.0 | | 76.0 | 76.0 | 80.0 | 78.0 | 83.0 | 79.0 | 85.0 | 80.0 | 82.0 | 78.0 | 79.0 | 78.0 | 73.0 | 72.0 | 68.0 | 68.0 | |
| 80 | | | | | 74.0 | | 78.0 | 77.0 | 80.0 | 77.0 | 81.0 | 77.0 | 78.0 | 75.0 | 75.0 | 74.0 | 69.0 | 69.0 | 65.0 | 65.0 | |
| 85 | | | | | 74.0 | | 76.0 | 76.0 | 78.0 | 75.0 | 77.0 | 74.0 | 73.0 | 73.0 | 70.0 | 70.0 | 66.0 | 65.0 | 61.0 | 61.0 | |
| 90 | | | | | 74.0 | | 74.0 | 76.0 | 75.0 | 73.0 | 73.0 | 72.0 | 69.0 | 69.0 | 66.0 | 66.0 | 62.0 | 62.0 | 58.0 | 58.0 | |
| 95 | | | | | | | 73.0 | | 72.0 | 71.0 | 69.0 | 69.0 | 65.0 | 65.0 | 62.0 | 63.0 | 58.0 | 59.0 | 54.0 | 55.0 | |
| 100 | | | | | | | 68.0 | | 65.0 | 66.0 | 61.0 | 61.0 | 59.0 | 60.0 | 55.0 | 55.0 | 52.0 | 52.0 | 49.0 | 49.0 | |
| 105 | | | | | | | 62.0 | | 62.0 | 62.0 | 62.0 | 62.0 | 57.0 | 57.0 | 56.0 | 56.0 | 53.0 | 53.0 | 49.0 | 49.0 | |
| 110 | | | | | | | 56.0 | | 57.0 | 58.0 | 59.0 | 53.0 | 54.0 | 52.0 | 53.0 | 50.0 | 50.0 | 47.0 | 47.0 | | |
| 115 | | | | | | | | | 52.0 | 54.0 | | 51.0 | 51.0 | 49.0 | 50.0 | 48.0 | 48.0 | 44.0 | 45.0 | | |
| 120 | | | | | | | | | 48.0 | 49.0 | | 48.0 | 49.0 | 47.0 | 47.0 | 45.0 | 45.0 | 42.0 | 42.4 | | |
| 125 | | | | | | | | | | 45.0 | | 46.0 | | 44.0 | 45.0 | 42.8 | 43.0 | 40.0 | 40.4 | | |
| 130 | | | | | | | | | | 41.4 | | 42.8 | | 42.2 | 42.4 | 40.4 | 40.8 | 38.2 | 38.6 | | |
| 135 | | | | | | | | | | 38.0 | | 39.4 | | 40.2 | 40.2 | 38.4 | 39.0 | 36.2 | 36.6 | | |
| 140 | | | | | | | | | | | | 36.4 | | 38.0 | | 36.4 | 37.2 | 34.4 | 34.8 | | |
| 145 | | | | | | | | | | | | | | 33.4 | | 34.4 | | 32.6 | 32.8 | | |
| 150 | | | | | | | | | | | | | | 30.6 | | 32.8 | | 30.8 | 31.0 | | |
| 155 | | | | | | | | | | | | | | | | 30.4 | | 29.2 | 29.4 | | |
| 160 | | | | | | | | | | | | | | | | 27.8 | | 27.6 | | | |
| 165 | | | | | | | | | | | | | | | | | 27.0 | | 26.2 | | |
| 170 | | | | | | | | | | | | | | | | | 25.2 | | 24.6 | | |
| 175 | | | | | | | | | | | | | | | | | 23.4 | | 23.0 | | |
| 180 | | | | | | | | | | | | | | | | | 21.6 | | 21.4 | | |
| 185 | | | | | | | | | | | | | | | | | | 19.8 | | | |
| 190 | | | | | | | | | | | | | | | | | | | 18.2 | | |
| 195 | | | | | | | | | | | | | | | | | | | | 16.8 | |

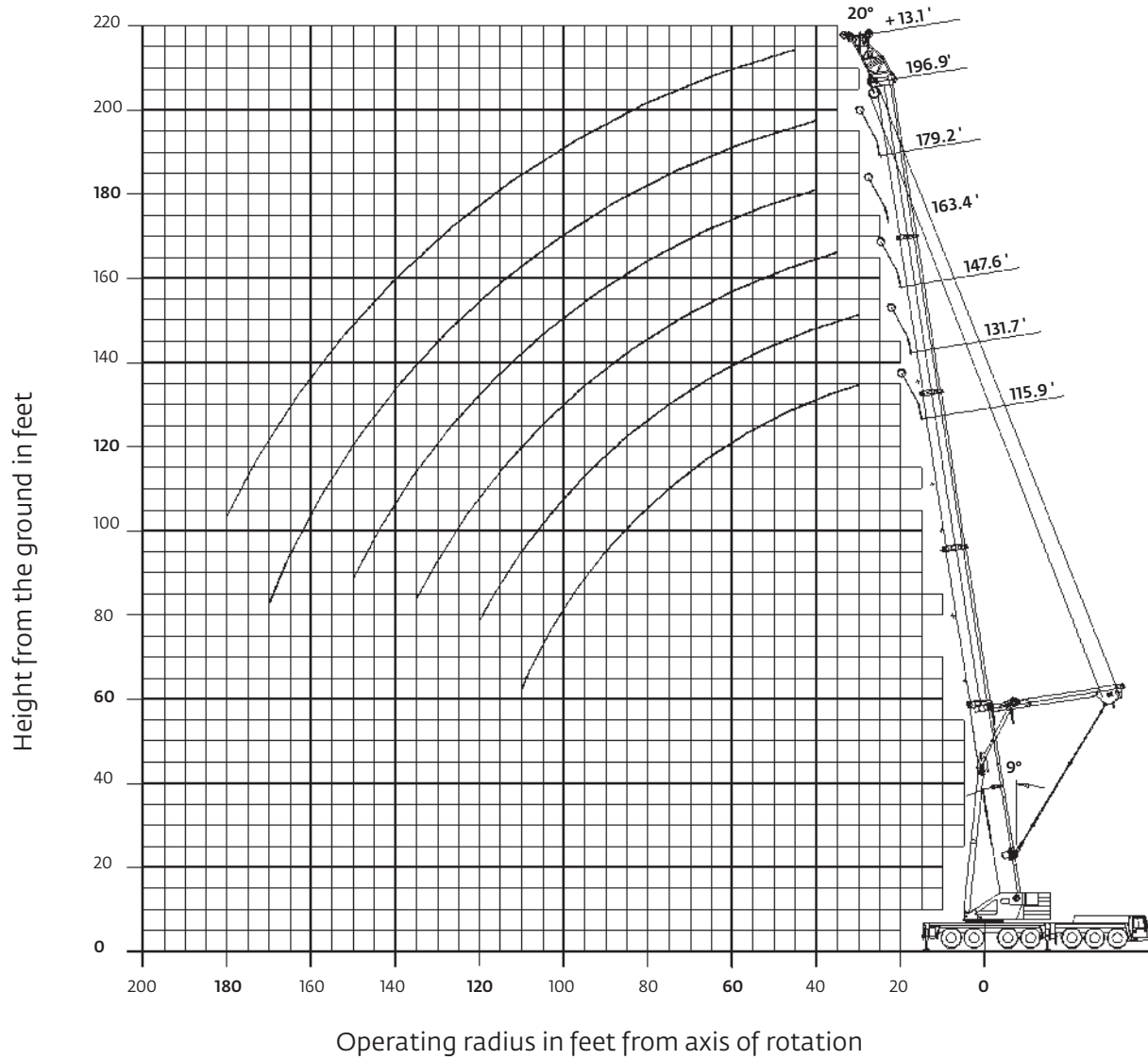


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Working range






Heavy duty jib with MegaWingLift™

13 ft heavy duty jib with MegaWingLift



Load chart

Heavy duty jib with MegaWingLift™

 35,3 m - 60 m
(116 ft - 197 ft)
  4 m
(13.1 ft)
  160 000 kg
(352,700 lb)
  29 ft 2 in spread
(100%)
  360°

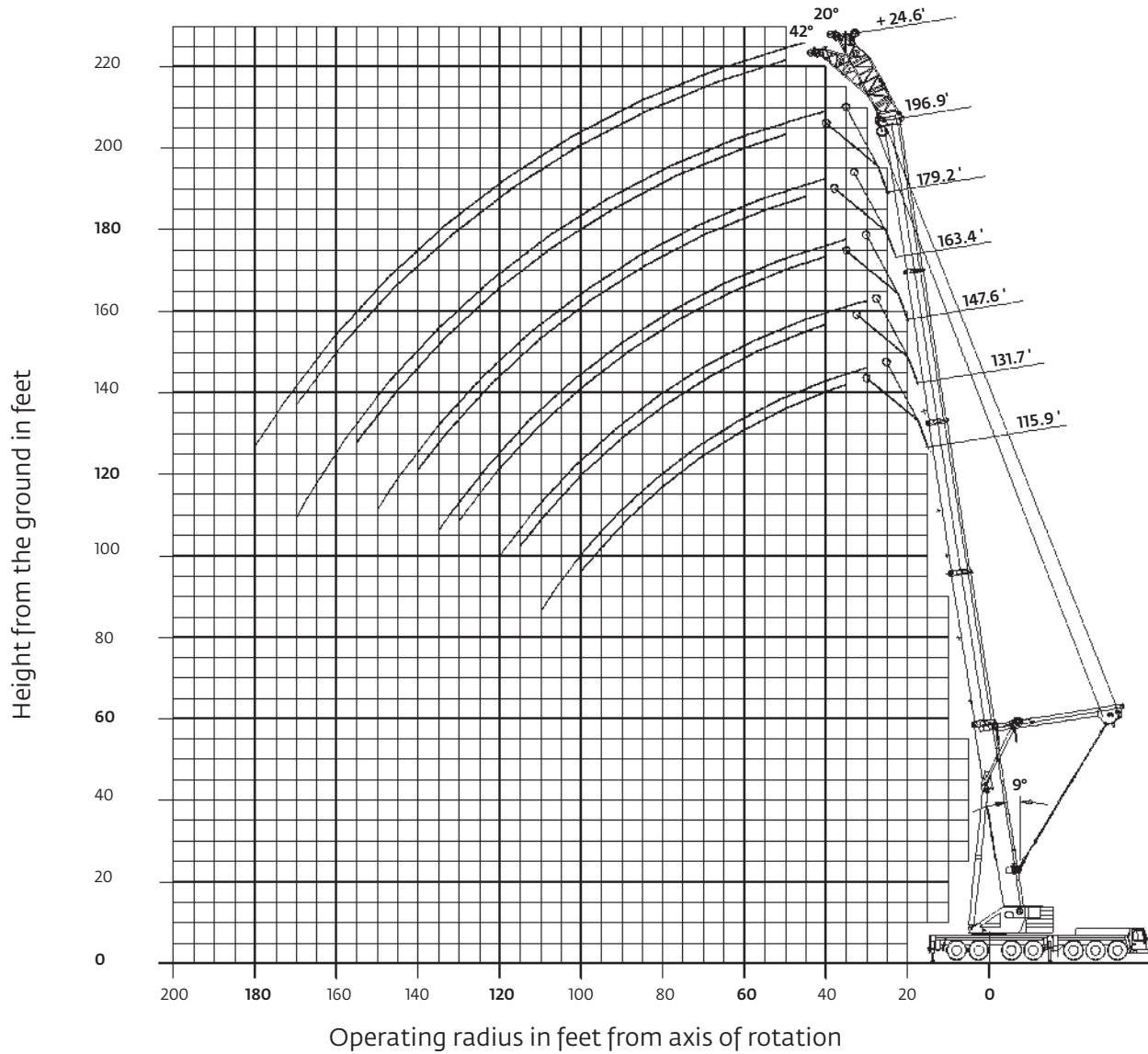
| | | Pounds (thousands) | | | | |
|------|-------|--------------------|-------|-------|-------|-------|
| Feet | 115.9 | 131.7 | 147.6 | 163.4 | 179.2 | 196.9 |
| 30 | 190.0 | 190.0 | | | | |
| 35 | 190.0 | 190.0 | 190.0 | | | |
| 40 | 190.0 | 190.0 | 190.0 | 171.0 | 148.0 | |
| 45 | 190.0 | 190.0 | 190.0 | 162.0 | 139.0 | 128.0 |
| 50 | 187.0 | 186.0 | 188.0 | 154.0 | 132.0 | 121.0 |
| 55 | 173.0 | 175.0 | 175.0 | 146.0 | 125.0 | 115.0 |
| 60 | 157.0 | 159.0 | 165.0 | 140.0 | 119.0 | 109.0 |
| 65 | 143.0 | 145.0 | 155.0 | 134.0 | 113.0 | 104.0 |
| 70 | 131.0 | 133.0 | 145.0 | 128.0 | 108.0 | 99.0 |
| 75 | 120.0 | 123.0 | 134.0 | 122.0 | 103.0 | 95.0 |
| 80 | 110.0 | 113.0 | 123.0 | 115.0 | 99.0 | 91.0 |
| 85 | 102.0 | 104.0 | 113.0 | 106.0 | 95.0 | 88.0 |
| 90 | 94.0 | 97.0 | 104.0 | 99.0 | 91.0 | 84.0 |
| 95 | 88.0 | 90.0 | 97.0 | 92.0 | 87.0 | 81.0 |
| 100 | 81.0 | 84.0 | 90.0 | 86.0 | 84.0 | 78.0 |
| 105 | 76.0 | 78.0 | 84.0 | 80.0 | 81.0 | 76.0 |
| 110 | 69.0 | 73.0 | 78.0 | 75.0 | 76.0 | 73.0 |
| 115 | | 68.0 | 73.0 | 70.0 | 72.0 | 70.0 |
| 120 | | 63.0 | 68.0 | 66.0 | 67.0 | 68.0 |
| 125 | | | 59.0 | 61.0 | 63.0 | 63.0 |
| 130 | | | 55.0 | 57.0 | 59.0 | 59.0 |
| 135 | | | 51.0 | 54.0 | 55.0 | 56.0 |
| 140 | | | | 50.0 | 52.0 | 52.0 |
| 145 | | | | 47.0 | 49.0 | 49.0 |
| 150 | | | | 44.0 | 46.0 | 46.0 |
| 155 | | | | | 43.0 | 43.2 |
| 160 | | | | | 40.6 | 40.6 |
| 165 | | | | | 38.2 | 38.2 |
| 170 | | | | | 35.2 | 36.0 |
| 175 | | | | | | 33.8 |
| 180 | | | | | | 31.8 |

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Working range

Heavy duty jib with MegaWingLift™

25 ft heavy duty jib with MegaWingLift



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

Load chart

Heavy duty jib with MegaWingLift™

 35,3 m - 60,0 m
(116 ft - 197 ft)
  7,5 m
(24.6 ft)
  160 000 kg
(352,700 lb)
  29 ft 2 in spread
(100%)
  360°

| Feet | Pounds (thousands) | | | | | | | | | | | |
|------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| | 115.9 | | 131.7 | | 147.6 | | 163.4 | | 179.2 | | 196.9 | |
| | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° | 20° | 42° |
| 30 | 148.0 | | 147.0 | | | | | | | | | |
| 35 | 140.0 | 114.0 | 140.0 | | 138.0 | | | | | | | |
| 40 | 133.0 | 110.0 | 132.0 | 109.0 | 131.0 | 107.0 | 123.0 | | 113.0 | | | |
| 45 | 126.0 | 106.0 | 126.0 | 105.0 | 125.0 | 104.0 | 117.0 | 100.0 | 108.0 | | | |
| 50 | 120.0 | 102.0 | 120.0 | 101.0 | 119.0 | 100.0 | 111.0 | 96.0 | 102.0 | 90.0 | 95.0 | 84.0 |
| 55 | 115.0 | 99.0 | 115.0 | 98.0 | 114.0 | 97.0 | 106.0 | 93.0 | 97.0 | 87.0 | 91.0 | 81.0 |
| 60 | 110.0 | 96.0 | 110.0 | 95.0 | 110.0 | 94.0 | 101.0 | 89.0 | 93.0 | 83.0 | 86.0 | 78.0 |
| 65 | 106.0 | 93.0 | 106.0 | 93.0 | 105.0 | 91.0 | 97.0 | 86.0 | 89.0 | 80.0 | 83.0 | 75.0 |
| 70 | 102.0 | 91.0 | 102.0 | 90.0 | 101.0 | 89.0 | 94.0 | 84.0 | 85.0 | 77.0 | 79.0 | 72.0 |
| 75 | 98.0 | 88.0 | 98.0 | 88.0 | 97.0 | 86.0 | 90.0 | 81.0 | 81.0 | 74.0 | 75.0 | 69.0 |
| 80 | 95.0 | 86.0 | 95.0 | 86.0 | 94.0 | 84.0 | 86.0 | 78.0 | 78.0 | 72.0 | 72.0 | 67.0 |
| 85 | 92.0 | 84.0 | 92.0 | 84.0 | 91.0 | 82.0 | 84.0 | 76.0 | 75.0 | 69.0 | 70.0 | 65.0 |
| 90 | 89.0 | 83.0 | 89.0 | 82.0 | 88.0 | 80.0 | 81.0 | 74.0 | 72.0 | 67.0 | 67.0 | 63.0 |
| 95 | 86.0 | 81.0 | 86.0 | 80.0 | 86.0 | 78.0 | 78.0 | 72.0 | 69.0 | 65.0 | 65.0 | 61.0 |
| 100 | 82.0 | 80.0 | 84.0 | 78.0 | 83.0 | 76.0 | 75.0 | 70.0 | 67.0 | 63.0 | 62.0 | 59.0 |
| 105 | 77.0 | | 79.0 | 77.0 | 79.0 | 75.0 | 73.0 | 68.0 | 65.0 | 62.0 | 60.0 | 57.0 |
| 110 | 71.0 | | 74.0 | 74.0 | 74.0 | 74.0 | 71.0 | 67.0 | 62.0 | 60.0 | 58.0 | 55.0 |
| 115 | 66.0 | | 68.0 | 69.0 | 69.0 | 70.0 | 69.0 | 66.0 | 60.0 | 58.0 | 56.0 | 54.0 |
| 120 | 61.0 | | 64.0 | | 64.0 | 65.0 | 66.0 | 64.0 | 58.0 | 56.0 | 54.0 | 52.0 |
| 125 | | | 59.0 | | 59.0 | 60.0 | 61.0 | 62.0 | 57.0 | 55.0 | 52.0 | 50.0 |
| 130 | | | 55.0 | | 55.0 | 56.0 | 57.0 | 58.0 | 55.0 | 53.0 | 51.0 | 49.0 |
| 135 | | | 51.0 | | 52.0 | | 53.0 | 54.0 | 53.0 | 52.0 | 49.0 | 48.0 |
| 140 | | | | | 48.0 | | 50.0 | 51.0 | 51.0 | 50.0 | 48.0 | 47.0 |
| 145 | | | | | 45.0 | | 47.0 | | 48.0 | 49.0 | 47.0 | 46.0 |
| 150 | | | | | 41.8 | | 43.6 | | 45.0 | 46.0 | 45.0 | 45.0 |
| 155 | | | | | | | 40.8 | | 42.4 | 43.0 | 42.6 | 43.0 |
| 160 | | | | | | | 38.0 | | 39.8 | | 40.0 | 40.4 |
| 165 | | | | | | | | | 37.2 | | 37.4 | 37.8 |
| 170 | | | | | | | | | 35.0 | | 35.0 | 35.4 |
| 175 | | | | | | | | | 32.8 | | 32.8 | |
| 180 | | | | | | | | | | | 30.8 | |
| 185 | | | | | | | | | | | 28.8 | |
| 190 | | | | | | | | | | | 27.0 | |
| 195 | | | | | | | | | | | 25.2 | |

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.

Specifications

Superstructure



Boom

16 m - 60 m (53 ft - 197 ft) five-section, full power boom with patented TWIN-LOCK™ boom pinning system. Maximum tip height: 63 m (207 ft).



Boom elevation

Two lift cylinders with safety valves provide boom angles from -1.2° to $+82^{\circ}$.



*Lattice jib

Luffing jib is a lattice design with lengths of 25 m - 79 m (82 ft - 259 ft) in sections of 6,2 m (20 ft) and 12,2 m (40 ft). The luffing jib converts to a fixed offset lattice jib providing lengths of 12 m - 70 m (39 ft - 230 ft) offsettable at 3° and 25° .



Load moment and anti-two block system

Graphic display load moment and anti-two block system with audio/visual warning and control lever lockout. These systems provide 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 construction cab is tiltable (approximately 20°) and includes safety glass and adjustable operator's seat. Other features include engine independent hot water heater including 24 hour timer, air conditioning, armrest integrated crane controls, and ergonomically arranged instrumentation. Cab hydraulically stows to the rear of the superstructure for highway travel.



Swing

Three axial piston fixed displacement motors provide swing speed of 0 - 1.1 RPM thru planetary gear box. Also provided is a spring applied, hydraulically released automatic swing brake with foot operated release for free swing.



Counterweight

120 t (264,500 lb) consisting of various sections with hydraulic installation/removal system (see counterweight configuration on page 12).



Engine

Cummins QSB6.7, six cylinder, turbo charged diesel, 224 kW (300 hp) at 2500 rpm. Max torque: 1044 Nm (770 ft/lb) at 1500 rpm. Engine emission: EU Stage IV, CARB, U.S. EPA Tier 4 Final (non-road).



Fuel tank capacity

300 L (79 gal).



Hydraulic system

Five separate circuits, Three axial piston variable displacement pumps with electronic power limiting control, 1 axial piston variable displacement pump for slewing and 1 fixed displacement pump for auxiliary gears. Standard thermostatically controlled oil coolers keep oil at optimum operating temperature. Tank capacity: 1570 L (415 gal)



Control system

Full electronic control of all crane movements is accomplished using electrical control levers with automatic reset to zero. Controls are integrated with the LMI and engine management system by CAN-BUS.



Electrical system

24 V system with three-phase alternator 28 V/100 A 2 batteries 12 V/170 Ah.

**Denotes optional equipment*

Specifications

Superstructure continued

Hoist

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

| | Main Auxiliary | Auxiliary |
|----------------------|------------------------|------------------------|
| Line length | 460 m (1509 ft) | 690 m (2264 ft) |
| Rope diameter | 24 mm | 24 mm |
| Line speed | 130 m/min (427 fpm) | 130 m/min (427 fpm) |
| Line pull | 110 kN (24,729 lb) | 98 kN (22,030 lb) |

Hoist cameras and lights included.

*Optional hookblocks










| Lifting capacity | Sheaves | Weight | Possible load with the crane* |
|---------------------|---------|----------------------|--|
| 320 t (353 USt) | 11 | 3500 kg (7716 lb) | 231 t / 277 t* (255 USt / 305 USt*) |
| 250 t (275 USt) | 9 | 3000 kg (6614 lb) | 231 t (255 USt) |
| 200 t (220 USt) | 7 | 2400 kg (5291 lb) | 184 t (203 USt) |
| 160 t (176 USt) | 5 | 1800 kg (3669 lb) | 136 t (150 USt) |
| 100 t (110 USt) | 3 | 1300 kg (2866 lb) | 88 t (97 USt) |
| 40 t** (44 USt) | 1 | 850 kg (1874 lb) | 38 t (42 USt) |
| 16 t*** (18 USt) | H/B | 450 kg (992 lb) | 12,5 t (13.8 USt) |

* Requires additional boom nose sheave

** Required for overhaul of single part line with boom/jib lengths in excess of 99,4 m (326 ft)

*** Overhaul weight designed for a maximum of 99,4 m (326 ft) boom/jib lengths

*Optional equipment

-  Second spotlight on superstructure cab
-  Stereo/CD player
-  Lift enhancement system (MegaWingLift™)
-  Additional 40 t (88,200 lb) counterweight for MegaWingLift™
-  Worklights on boom base section
-  Boom position indicator lights
-  Hook blocks
-  Adapter for heavy duty jib
-  360° positive swing lock

Carrier

Chassis

Special seven-axle carrier, welded torsion resistant frame is fabricated from high-strength steel.

Outrigger system

Hydraulic two-stage outrigger beams are extended by a single hydraulic cylinder and two cables. Outriggers can adjust to two positions:

Fully extended (100%) - 8,9 m (29.2 ft)
Partially extended (50%) - 6,1 m (20 ft)

Four 810 mm x 810 mm (32 in x 32 in), self stowing, steel outrigger pads provide rigid lifting base. Outrigger controls are located on both sides of the carrier. Electronic level indicators with automatic levelling system. Outrigger pad load indication through ECOS and carrier controls. Includes outrigger monitoring system.

Engine

Cummins QSX15, six cylinder, turbo charged diesel, 447 kW (600 hp) at 2100 rpm. Max torque: 2779 Nm (2,050 ft/lb) at 1400 rpm.

Engine emission: EU Stage IV, CARB, U.S. EPA Tier 4 Final (non-road)

Fuel tank capacity

500 L (132 gal).

*Denotes optional equipment

Specifications

Carrier continued



Transmission

Allison automatic 4800 SP-R, seven forward and one reverse speed. Transfer case with two speeds and inter-axle differential lock. Hydraulic transmission retarder.



Drive/steer

14x6x14



Axles

Seven axles. 1, 4 and 5 are drive/steer. Axles 2, 3, 6 and 7 are steer only.



Suspension

GMK7550 features the Grove exclusive MEGATRAK™ suspension. This revolutionary design features an independent hydroneumatic system with hydraulic lockout acting on all wheels. The suspension can be raised 170 mm (6 - 1/2 in) or lowered 130 mm (-5 in) both longitudinally and transversely and features an automatic leveling system for on-highway travel.



Tires

14 tires, 385/95 R25 (14.00 R25)
(vehicle width 3,00 m [9.8 ft])



Steering

Dual circuit steering system is hydraulic power assisted with emergency steering pump. Axles 1, 2, 3, 6 and 7 steer on highway. Separate steering of the 4th, 5th, 6th and 7th axles for all wheel steer and crab-steer, controlled by an electric rocker switch.



Brakes

A dual circuit air system operates on all wheels with a spring-applied, air released parking brake acting on axles 2, 4, 5 and 7. An air dryer is fitted to remove moisture from the air system. Standard engine compression brake and transmission retarder.



Cab

Two-man, aluminum construction driver's cab includes the following features: safety glass; driver seat with pneumatic suspension, engine-dependent hot water heater and air conditioning. Complete instrumentation and driving controls.



Electrical system

24 V system with three-phase alternator 28 V/100 A, 2 batteries 12 V/170 Ah.



Maximum speed

85 km/h (53 mph) with 20.5 R25 tires.



Gradeability (theoretical)

32% with 20.5 R25 tires (14x6x14)
50% with 20.5 R25 tires (14x8x14)

Miscellaneous standard equipment

Boom removal kit; trailing boom kit (less dolly), additional hydraulic oil cooler; removable rear outrigger box; tool kit; fire extinguisher; radio/cd player in carrier cab, CraneSTAR asset management system.

*Optional equipment

- ▶ 14 x 8 x 14 (1,2,4 and 5 are drive/steer)
- ▶ Engine-independent hot water heater, with engine pre-heater
- ▶ 14 tires 445/95 R25 (16.00 R25)
(vehicle width: 3,00 m [9.8 ft])
- ▶ 14 tires, 525/80 R25 (20.5 R25)
(vehicle width 3,1 m [10.2 ft])
- ▶ Aluminum rims
- ▶ Auxiliary axle, pinned when rear outrigger box is removed
- ▶ Hinged bunk bed
- ▶ Working range limiter
- ▶ Reversing camera system
- ▶ Engine shutdown valves (for both engines)

**Denotes optional equipment*

Symbols glossary



Axles



Counterweight



Grade



Gear



Boom



Drive



Heavy duty jib



Radius



Boom elevation



Electrical system



Hoist



Rotation



Boom extension



Engine



Hookblock



Speed



Boom length



Extension



Hydraulic system



Steering



Boom nose



Frame



Lights



Suspension



Brakes



Fuel tank capacity



Oil



Swing



Cab



Outriggers



Outrigger controls



Tires



Transmission

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