

# GROVE®

## GMK5150XL Product Guide

ASME B30.5 • Imperial 85%



### Features

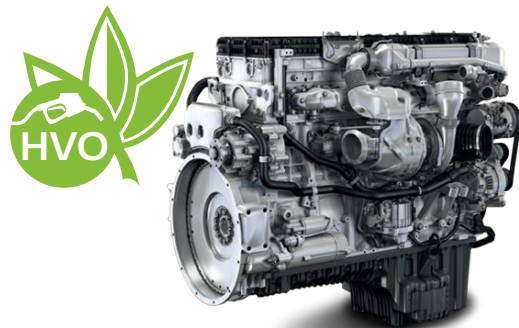
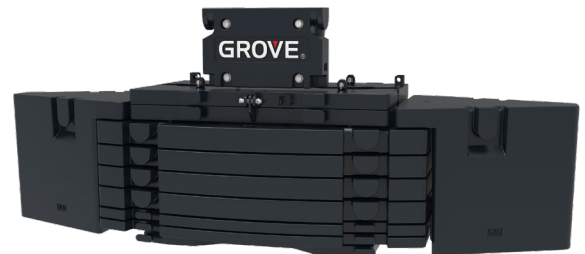
- 150 t (175 USt) capacity
- 68,7 m (225 ft) seven-section main boom
- 9,6 / 16,2 m (31.5 / 53.1 ft) Swingaway jib
- 1 x 8 m (1 x 26 ft) boom extension
- 1 x 6 m (1 X 20 ft) jib extension
- 20° Tilttable superstructure cab
- EUROMOT 5 / EPA / CARB Tier 4 final
- MAXbase

# GROVE GMK5150XL

**KING OF THE CLASS:** The Grove GMK5150XL all-terrain crane is redefining the five-axle, 175 USt (150 t) class by offering almost 226 ft (69 m) of main boom. The crane's taxi charts are outstanding, ensuring easy roadability and transport savings.

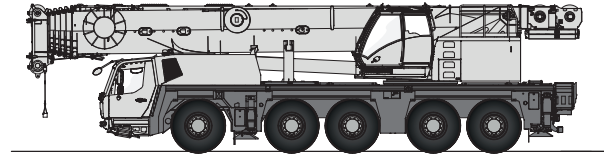
## Features

- > Get impressive strength and reach including 9 USt (8,2 t) lifting capacity with 225 ft (68,7 m) main boom. The boom can be further extended with a 53 ft (16,2 m) swingaway jib and one 26 ft (8 m) boom extension or one 20 ft (6 m) jib insert to a maximum length of 79.4 ft (24,2 m) with up to 40° offset.
- > Counterweight configurations enable setup from 1 USt (1 t) counterweight to taxi configurations of 13 USt - 18 USt (12 t to 16,5 t) per axle. This results in greater roadability and transport savings.
- > The single engine concept on the GMK5150XL with the latest EUROMOT 5/Tier 4 final engine reduces fuel consumption to a minimum. Using the ECO fuel mode, the GMK5150XL is the most fuel efficient crane in its class. Approved for HVO - up to 90 % CO<sub>2</sub> reduction.



## Jobsite benefits

- > The GMK5150XL redefines the 175 USt (150 t) 5-axle class once more. While offering best in class taxi and maxi charts, it also comes with the longest boom of any crane below 242 USt (220 t) capacity.
- > Compact length and width allow access to even narrow jobsites, while optimizing crane set up and lifting position.
- > MAXbase allows the unit to be set up in confined work spaces or roadways and maximize the machines load chart.
- > Four different steering modes allows the operator to easily maneuver the unit into position: highway, crab, all-wheel, and manual modes.
- > Camera technology is available to help the operator see all sides of the unit, hoist drums, rear view, and hook block. 270-degree bird view & boom head option.



## What you need, when you need it.

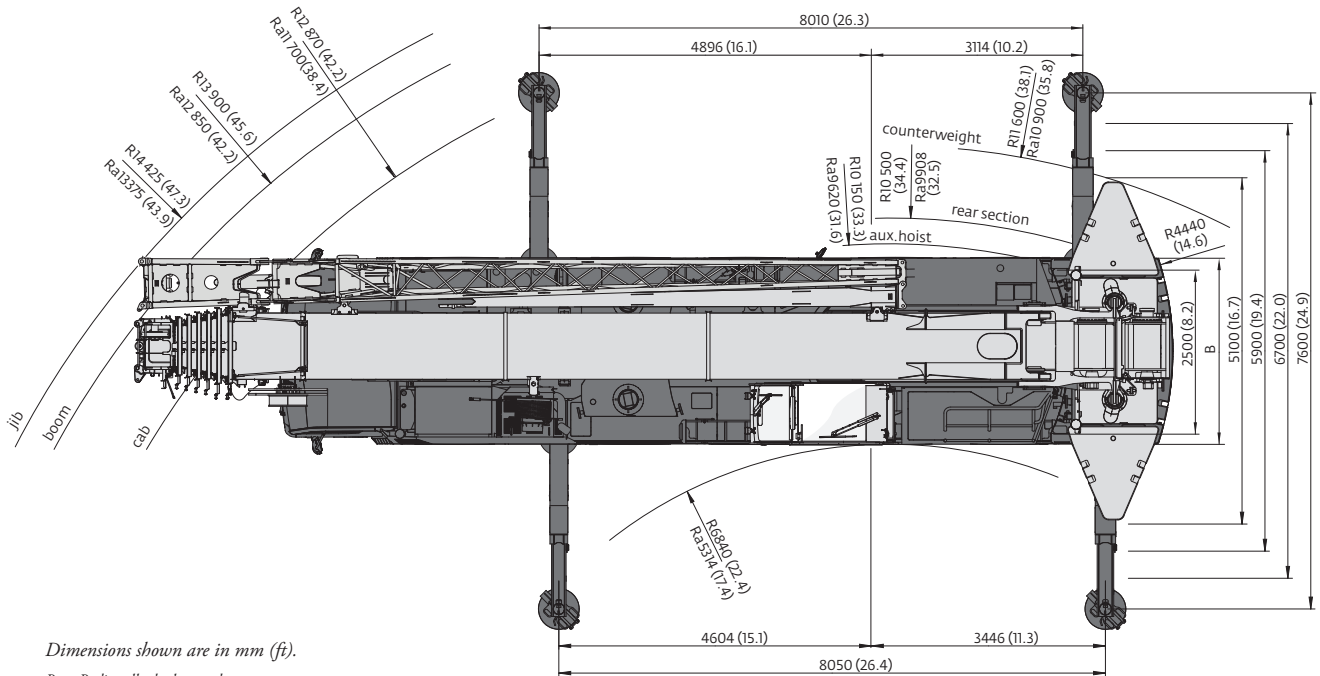
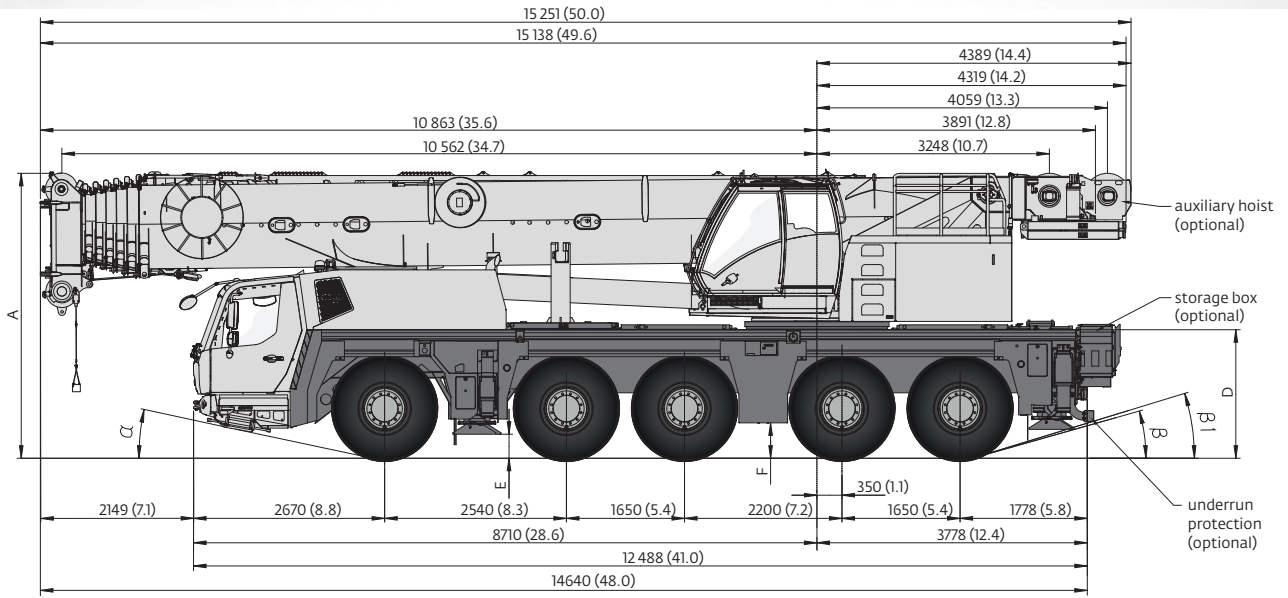
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# Dimensions



Dimensions shown are in mm (ft).

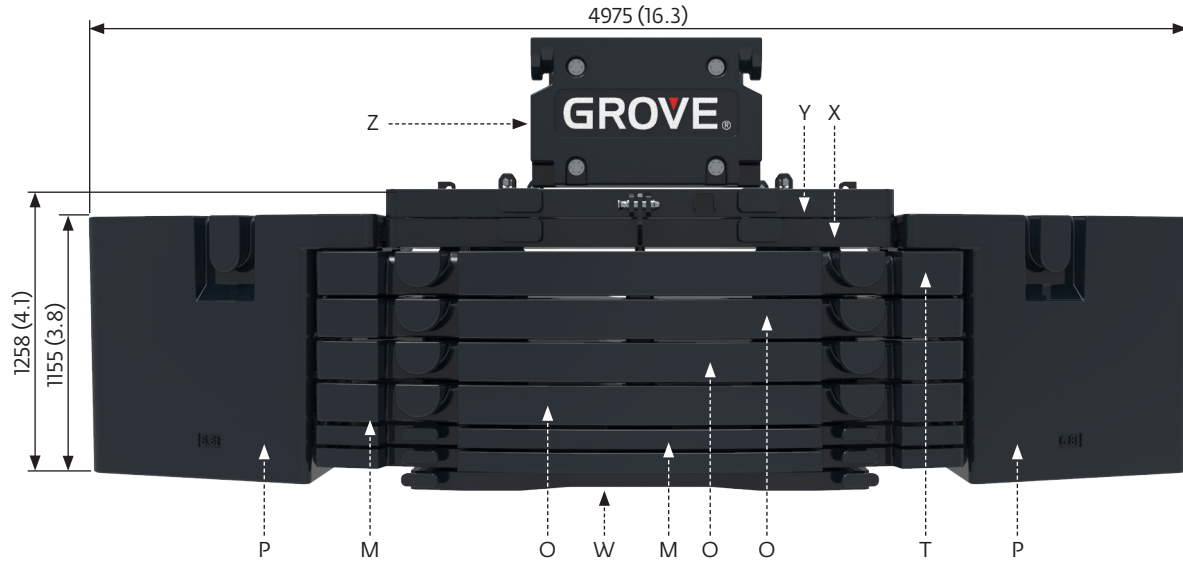
Ra = Radius all wheels steered.

|            | A           | A<br>105 mm** | B          | C          | D          | E         | F         | $\alpha$ | $\beta$ | $\beta_1$ |
|------------|-------------|---------------|------------|------------|------------|-----------|-----------|----------|---------|-----------|
| R14,00/R25 | 3948 (13.0) | 3843 (12.6)   | 2750 (9.0) | 2298 (7.5) | 1732 (5.7) | 272 (0.9) | 431 (1.4) | 12°      | 12°     | 13°       |
| R16,00/R25 | 3998 (13.1) | 3893 (12.8)   | 2750 (9.0) | 2276 (7.5) | 1795 (5.9) | 335 (1.1) | 494 (1.6) | 14°      | 15°     | 16°       |
| R20,50/R25 | 3998 (13.1) | 3893 (12.8)   | 2900 (9.5) | 2296 (7.5) | 1795 (5.9) | 335 (1.1) | 494 (1.6) | 14°      | 15°     | 16°       |


\*\* Lowered

# Dimensions

## Standard Counterweight

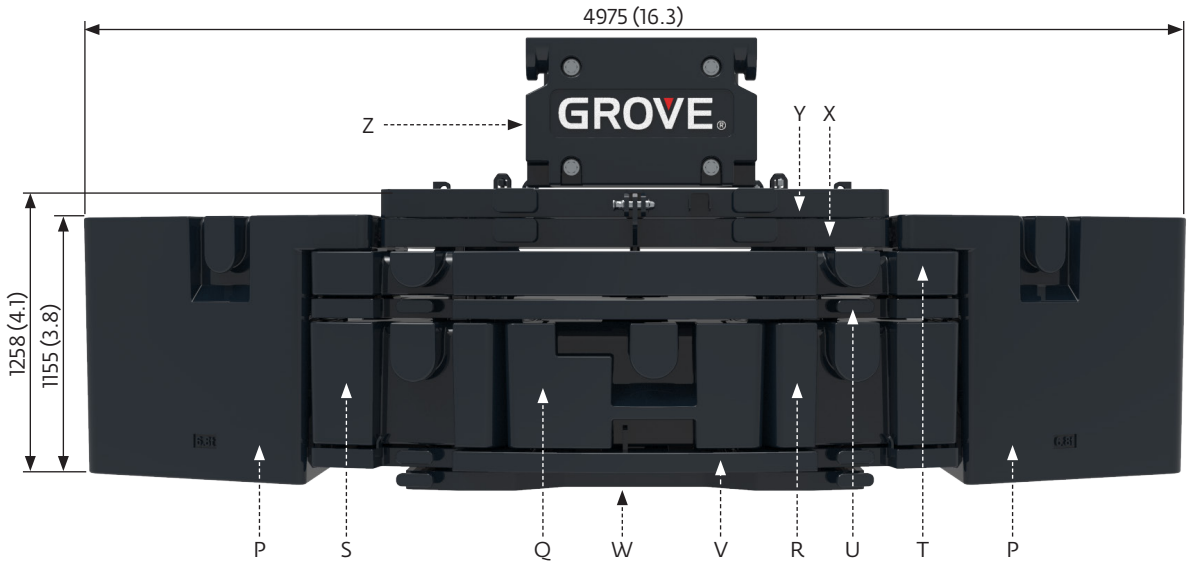


Dimensions shown are in mm (ft).

|  | Z<br>1,0 t<br>(1.1 USt) | Y<br>2,3 t<br>(2.5 USt) | X<br>2,3 t<br>(2.5 USt) | W<br>2,3 t<br>(2.5 USt) | M<br>2,3 t<br>(2.5 USt) | T<br>4,6 t<br>(5.1 USt) | O<br>4,6 t<br>(5.1 USt) | P<br>6,8 t<br>(7.5 USt) |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1,0 t (1.1 USt)   | x                       |                         |                         |                         |                         |                         |                         |                         |
| 3,3 t (3.6 USt)   | x                       | x                       |                         |                         |                         |                         |                         |                         |
| 3,3 t (3.6 USt)   | x                       |                         |                         | x                       |                         |                         |                         |                         |
| 5,6 t (6.2 USt)   | x                       | x                       | x                       |                         |                         |                         |                         |                         |
| 5,6 t (6.2 USt)   | x                       |                         |                         | x                       | x                       |                         |                         |                         |
| 7,9 t (8.7 USt)   | x                       | x                       | x                       | x                       |                         |                         |                         |                         |
| 7,9 t (8.7 USt)   | x                       |                         |                         | x                       | 2x                      |                         |                         |                         |
| 10,2 t (11.2 USt)   | x                       | x                       | x                       | x                       | x                       |                         |                         |                         |
| 10,2 t (11.2 USt)   | x                       |                         |                         | x                       | x                       |                         | x                       |                         |
| 12,5 t (13.8 USt)   | x                       | x                       | x                       | x                       | 2x                      |                         |                         |                         |
| 12,5 t (13.8 USt)   | x                       |                         |                         | x                       | 2x                      |                         | x                       |                         |
| 14,8 t (16.3 USt)   | x                       | x                       | x                       | x                       | x                       |                         | x                       |                         |
| 14,8 t (16.3 USt)   | x                       |                         |                         | x                       | x                       |                         | 2x                      |                         |
| 17,1 t (18.8 USt)   | x                       | x                       | x                       | x                       |                         |                         | 2x                      |                         |
| 17,1 t (18.8 USt)   | x                       |                         |                         | x                       | 2x                      |                         | 2x                      |                         |
| 19,4 t (21.4 USt)   | x                       | x                       | x                       | x                       | x                       |                         | 2x                      |                         |
| 19,4 t (21.4 USt)   | x                       |                         |                         | x                       | x                       |                         | 3x                      |                         |
| 21,7 t (24.0 USt)   | x                       | x                       | x                       | x                       |                         |                         | 3x                      |                         |
| 21,7 t (24.0 USt)   | x                       |                         |                         | x                       | 2x                      |                         | 3x                      |                         |
| 24,0 t (26.5 USt)   | x                       | x                       | x                       | x                       | x                       |                         | 3x                      |                         |
| 24,0 t (26.5 USt)   | x                       |                         |                         | x                       | x                       | x                       | 3x                      |                         |
| 26,3 t (29.0 USt)   | x                       | x                       | x                       | x                       | 2x                      |                         | 3x                      |                         |
| 26,3 t (29.0 USt)   | x                       |                         |                         | x                       | 2x                      | x                       | 3x                      |                         |
| 30,9 t (34.1 USt)   | x                       | x                       | x                       | x                       | 2x                      | x                       | 3x                      |                         |
| 44,5 t (49.1 USt)   | x                       | x                       | x                       | x                       | 2x                      | x                       | 3x                      | 2x                      |

# Dimensions

## Flexible Split Counterweight

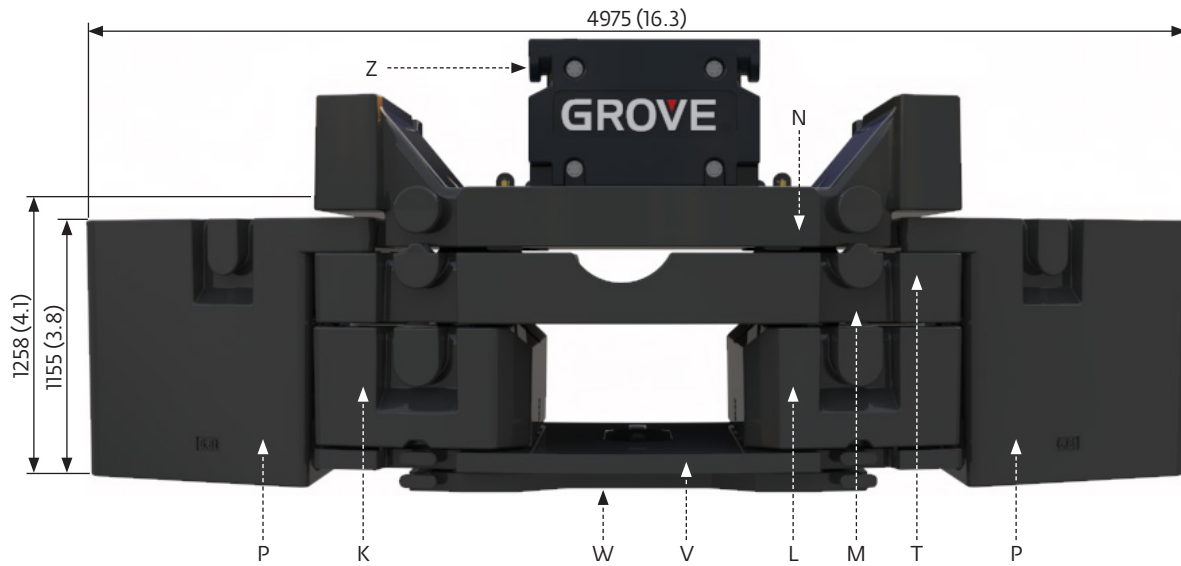


Dimensions shown are in mm (ft).


|                   | Z<br>1,0 t<br>(1.1 USt) | Y<br>2,3 t<br>(2.5 USt) | X<br>2,3 t<br>(2.5 USt) | W<br>2,3 t<br>(2.5 USt) | V<br>2,3 t<br>(2.5 USt) | U<br>2,3 t<br>(2.5 USt) | T<br>4,6 t<br>(5.1 USt) | S<br>4,6 t<br>(5.1 USt) | R<br>4,6 t<br>(5.1 USt) | Q<br>4,6 t<br>(5.1 USt) | P<br>6,8 t<br>(7.5 USt) |
|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1,0 t (1.1 USt)   | x                       |                         |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| 3,3 t (3.6 USt)   | x                       | x                       |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| 3,3 t (3.6 USt)   | x                       |                         |                         | x                       |                         |                         |                         |                         |                         |                         |                         |
| 5,6 t (6.2 USt)   | x                       | x                       | x                       |                         |                         |                         |                         |                         |                         |                         |                         |
| 5,6 t (6.2 USt)   | x                       |                         |                         | x                       |                         | x                       |                         |                         |                         |                         |                         |
| 7,9 t (8.7 USt)   | x                       | x                       | x                       | x                       |                         |                         |                         |                         |                         |                         |                         |
| 7,9 t (8.7 USt)   | x                       |                         |                         | x                       | x                       | x                       |                         |                         |                         |                         |                         |
| 10,2 t (11.2 USt) | x                       | x                       | x                       | x                       | x                       |                         |                         |                         |                         |                         |                         |
| 10,2 t (11.2 USt) | x                       |                         |                         | x                       |                         | x                       | x                       |                         |                         |                         |                         |
| 12,5 t (13.8 USt) | x                       | x                       | x                       | x                       | x                       | x                       |                         |                         |                         |                         |                         |
| 12,5 t (13.8 USt) | x                       |                         |                         | x                       | x                       | x                       | x                       |                         |                         |                         |                         |
| 14,8 t (16.3 USt) | x                       | x                       | x                       | x                       | x                       |                         | x                       |                         |                         |                         |                         |
| 14,8 t (16.3 USt) | x                       |                         |                         | x                       | x                       |                         |                         | x                       | x                       |                         |                         |
| 17,1 t (18.8 USt) | x                       | x                       | x                       | x                       | x                       | x                       | x                       |                         |                         |                         |                         |
| 17,1 t (18.8 USt) | x                       |                         |                         | x                       | x                       | x                       |                         | x                       | x                       |                         |                         |
| 19,4 t (21.4 USt) | x                       | x                       | x                       | x                       | x                       |                         |                         | x                       | x                       |                         |                         |
| 19,4 t (21.4 USt) | x                       |                         |                         | x                       | x                       |                         | x                       | x                       | x                       |                         |                         |
| 21,7 t (24.0 USt) | x                       | x                       | x                       | x                       | x                       | x                       |                         | x                       | x                       |                         |                         |
| 21,7 t (24.0 USt) | x                       |                         |                         | x                       | x                       | x                       | x                       | x                       | x                       |                         |                         |
| 24,0 t (26.5 USt) | x                       | x                       | x                       | x                       | x                       |                         | x                       | x                       | x                       |                         |                         |
| 24,0 t (26.5 USt) | x                       |                         |                         | x                       | x                       |                         | x                       | x                       | x                       | x                       |                         |
| 26,3 t (29.0 USt) | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       |                         |                         |
| 26,3 t (29.0 USt) | x                       |                         |                         | x                       | x                       | x                       | x                       | x                       | x                       | x                       |                         |
| 30,9 t (34.1 USt) | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       |                         |
| 44,5 t (49.1 USt) | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | x                       | 2x                      |

# Dimensions

## Heavy Roadable Counterweight



Dimensions shown are in mm (ft).

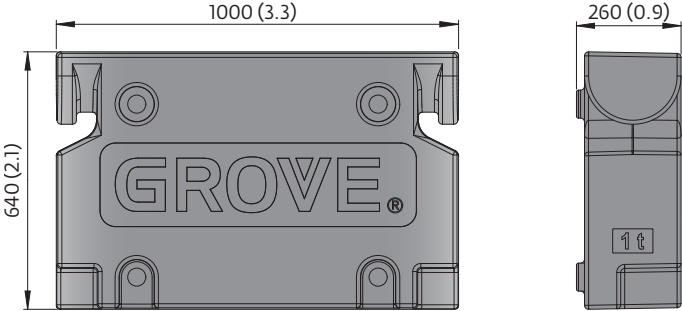
|  | Z<br>1,0 t<br>(1.1 USt) | W<br>2,3 t<br>(2.5 USt) | V<br>2,3 t<br>(2.5 USt) | K<br>4,6 t<br>(5.1 USt) | L<br>4,6 t<br>(5.1 USt) | M<br>6,9 t<br>(7.6 USt) | N*<br>9,2 t<br>(10.1 USt) | P<br>6,8 t<br>(7.5 USt) |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|
| 1,0 t (1.1 USt)   | x                       |                         |                         |                         |                         |                         |                           |                         |
| 3,3 t (3.6 USt)   | x                       | x                       |                         |                         |                         |                         |                           |                         |
| 5,6 t (6.2 USt)   | x                       | x                       | x                       |                         |                         |                         |                           |                         |
| 10,2 t (11.2 USt)   | x                       | x                       |                         |                         |                         | x                       |                           |                         |
| 10,2 t (11.2 USt)   | x                       |                         |                         |                         |                         |                         | x                         |                         |
| 12,5 t (13.8 USt)   | x                       | x                       | x                       |                         |                         | x                       |                           |                         |
| 12,5 t (13.8 USt)   | x                       | x                       |                         |                         |                         |                         | x                         |                         |
| 14,8 t (16.3 USt)   | x                       | x                       | x                       |                         |                         |                         | x                         |                         |
| 19,4 t (21.4 USt)   | x                       | x                       |                         |                         |                         | x                       | x                         |                         |
| 21,7 t (24.0 USt)   | x                       | x                       | x                       |                         |                         | x                       | x                         |                         |
| 24,0 t (26.5 USt)   | x                       | x                       | x                       | x                       | x                       |                         | x                         |                         |
| 28,6 t (31.5 USt)   | x                       | x                       |                         | x                       | x                       | x                       | x                         |                         |
| 30,9 t (34.1 USt)   | x                       | x                       | x                       | x                       | x                       | x                       | x                         |                         |
| 44,5 t (49.1 USt)   | x                       | x                       | x                       | x                       | x                       | x                       | x                         | 2x                      |

\* Fixed to superstructure, removable with tools only.

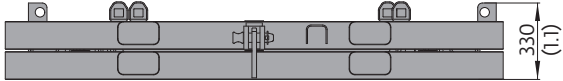
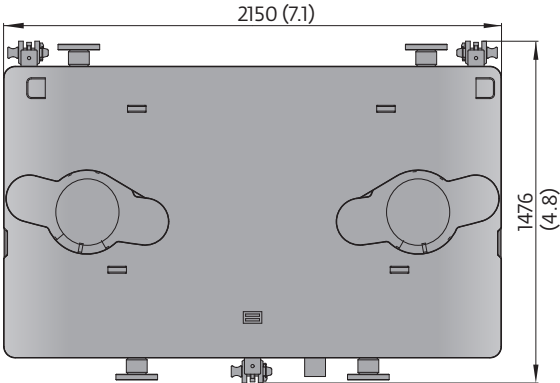


# Dimensions

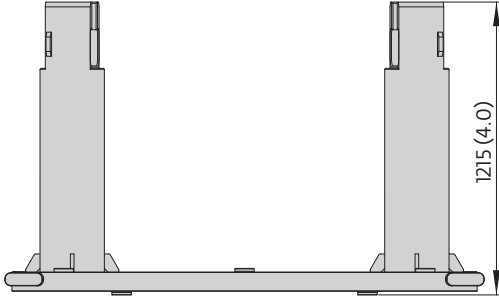
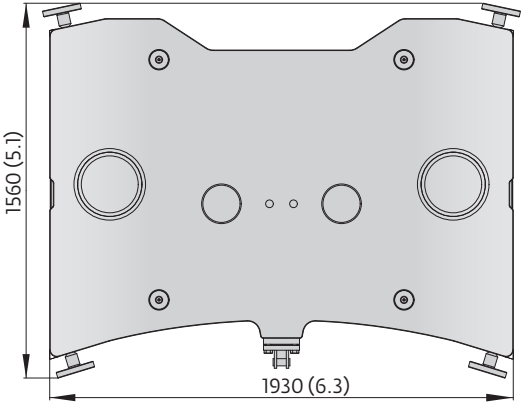
## Counterweight



| Plate | L x W x H                               | kg (lb)      |
|-------|---|--------------|
| Z     | 1,00 (3.28) x 0,26 (0.85) x 0,64 (2.09) | 1000 (2,205) |



| Plate | L x W x H                               | kg (lb)      |
|-------|---|--------------|
| Y & X | 2,15 (7.05) x 1,48 (4.85) x 0,33 (1.08) | 2300 (5,071) |

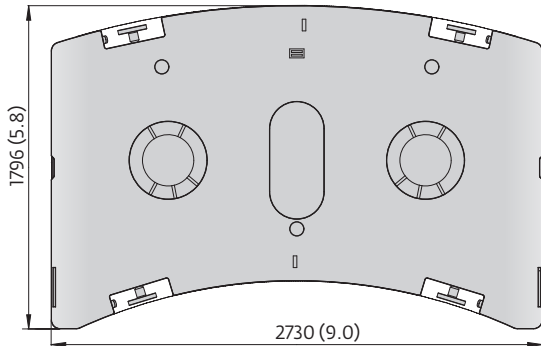


| Plate | L x W x H                               | kg (lb)      |
|-------|---|--------------|
| W     | 1,93 (6.33) x 1,56 (5.11) x 1,20 (3.93) | 2300 (5,071) |

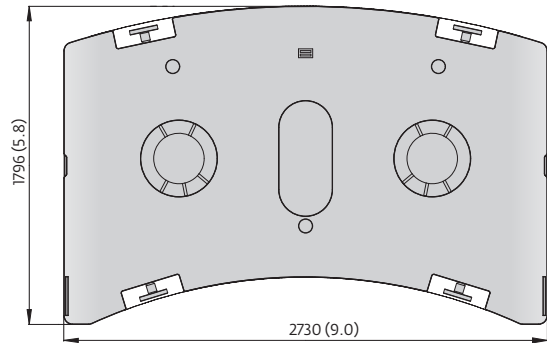
Dimensions shown are in mm (ft).

# Dimensions

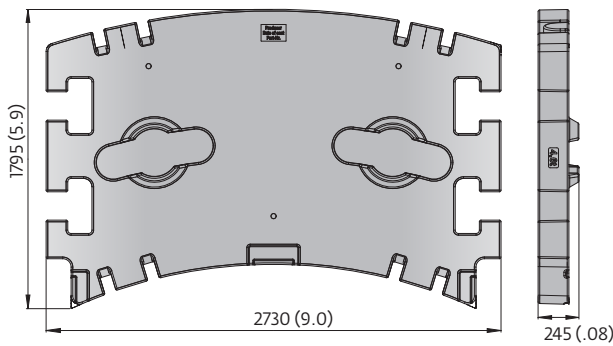
## Counterweight



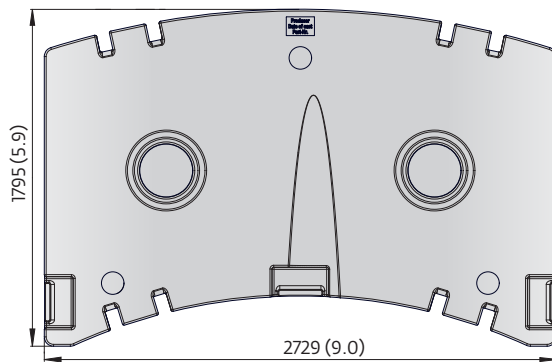
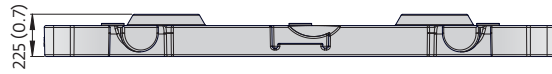
| Plate | L x W x H (m)      | kg (lb)      |
|-------|--------------------|--------------|
| V     | 2,73 x 1,80 x 0,17 | 2300 (5,071) |



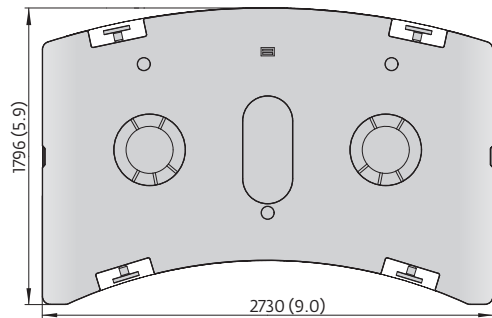
| Plate | L x W x H (m)      | kg (lb)      |
|-------|--------------------|--------------|
| U     | 2,73 x 1,80 x 0,16 | 2300 (5,071) |



| Plate | L x W x H (m)      | kg (lb)      |
|-------|--------------------|--------------|
| T     | 2,73 x 1,80 x 0,25 | 2300 (5,071) |



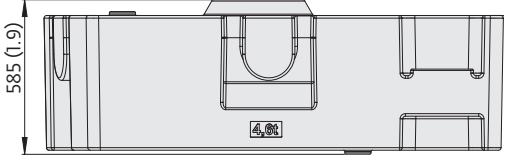
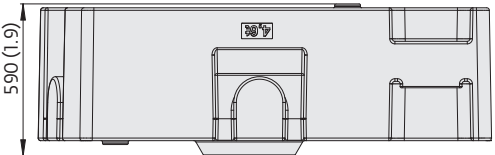
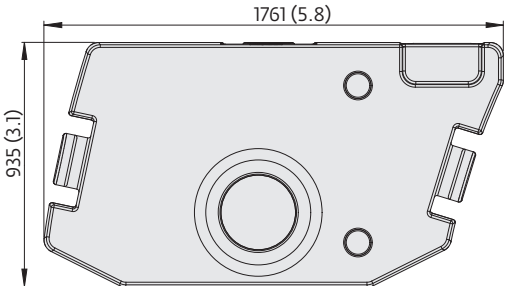
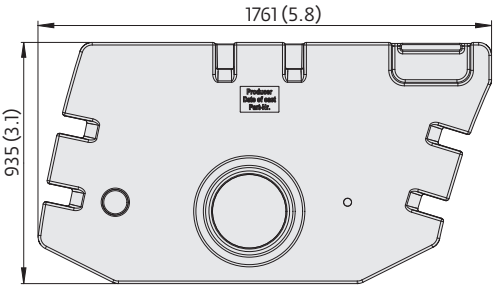
| Plate | L x W x H (m)      | kg (lb)      |
|-------|--------------------|--------------|
| O     | 2,73 x 1,80 x 0,23 | 2300 (5,071) |



| Plate | L x W x H (m)      | kg (lb)      |
|-------|--------------------|--------------|
| M     | 2,73 x 1,80 x 0,16 | 2300 (5,071) |

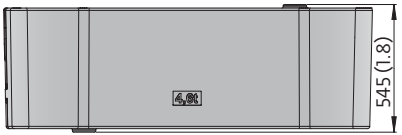
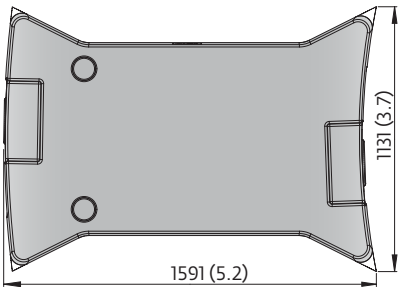
# Dimensions

## Counterweight

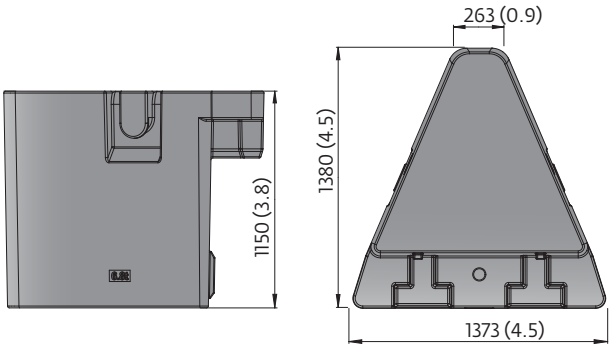


| Plate | L x W x H (m)      | kg (lb)       |
|-------|--------------------|---------------|
| S     | 1,76 x 0,94 x 0,59 | 4600 (10,141) |

| Plate | L x W x H (m)      | kg (lb)       |
|-------|--------------------|---------------|
| R     | 1,76 x 0,93 x 0,59 | 4600 (10,141) |



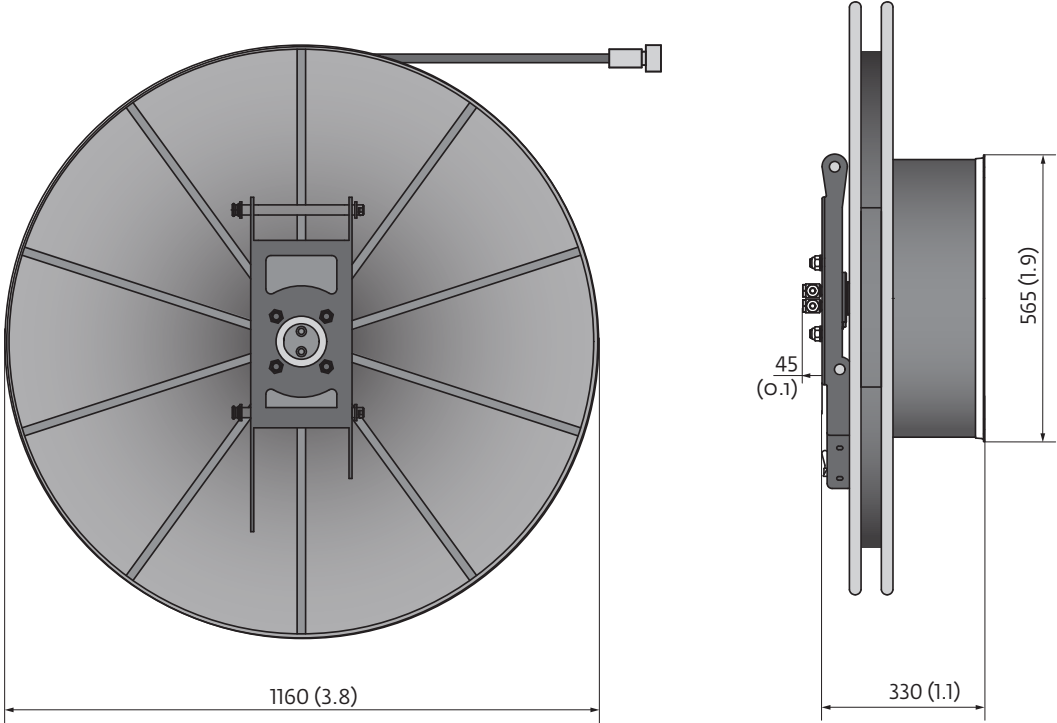
| Plate | L x W x H (m)      | kg (lb)       |
|-------|--------------------|---------------|
| Q     | 1,59 x 1,13 x 0,55 | 4600 (10,141) |



| Plate | L x W x H (m)      | kg (lb)       |
|-------|--------------------|---------------|
| P     | 1,15 x 1,38 x 1,37 | 4600 (10,141) |

# Dimensions

## Hose reel



|         |           |
|---------|-----------|
| kg (lb) | 185 (408) |
|---------|-----------|

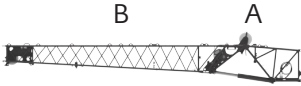
# Dimensions

## Jib combinations

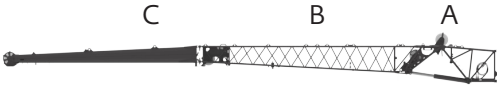
|   | L x W x H<br>m (ft)                    | kg (lb)         |
|---|--|-----------------|
| A | 3,4 x 0,8 x 1,3<br>(11.2 x 2.6 x 4.3)  | 780<br>(1,720)  |
| B | 7,3 x 0,7 x 0,95<br>(24.0 x 2.3 x 3.1) | 450<br>(992 lb) |
| C | 6,7 x 0,5 x 0,7<br>(22.0 x 1.6 x 2.3)  | 320<br>(705)    |
| D | 6,7 x 0,6 x 0,95<br>(22.0 x 2.0 x 3.1) | 350<br>(772)    |
| E | 8,1 x 0,8 x 1,1<br>(26.6 x 2.6 x 3.6)  | 650<br>(1,433)  |



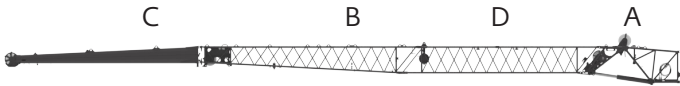
3,3 m (10.8 ft)



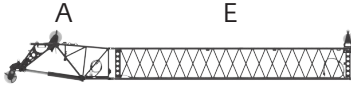
9,9 m (31.5 ft)



16,2 m (53.1 ft)



22,2 m (72.8 ft)



11,3 m (37.1 ft)



17,9 m (58.7 ft)



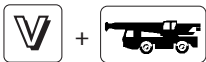
24,2 m (79.4 ft)

# Data



| Lifting capacity | Sheaves | Weight             | Parts of line | Possible load with crane* |
|------------------|---------|--------------------|---------------|---------------------------|
| 140 t (154 USt)  | 8       | 1600 kg (3,520 lb) | 2-17**        | 130 t** (143 USt)         |
| 95 t (105 USt)   | 5       | 1300 kg (2,860 lb) | 2-11          | 92 t (101 USt)            |
| 60 t (66 USt)    | 3       | 950 kg (2,090 lb)  | 2-7           | 58,5 t (64.5 USt)         |
| 60 t (66 USt)    | 3       | 700 kg (1,540 lb)  | 2-7           | 58,5 t (64.5 USt)         |
| 26 t (29 USt)    | 1       | 400 kg (882 lb)    | 2-3           | 25 t (28 USt)             |
| 9 t (10 USt)     | H/B     | 300 kg (660 lb)    | 1             | 8 t (9 USt)               |

\*\* Requires special equipment



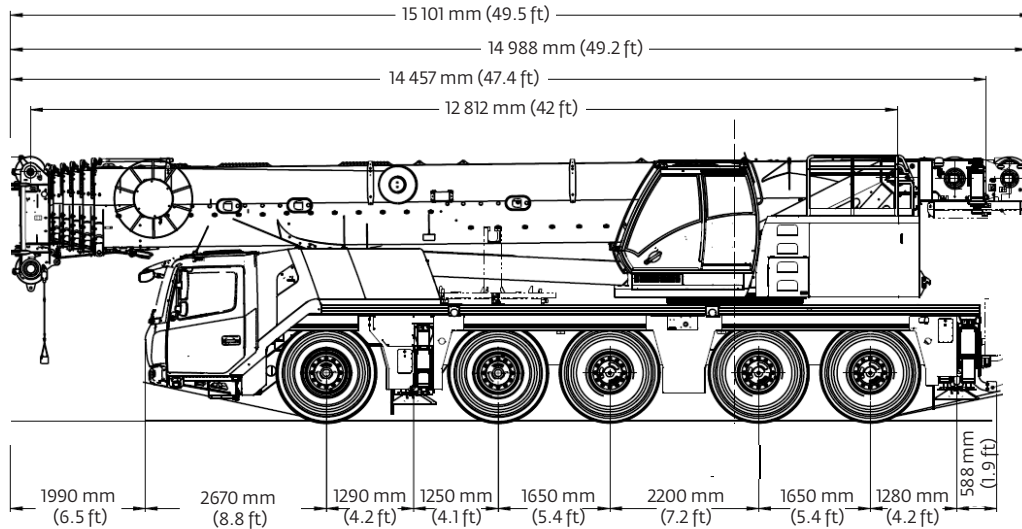
|     | 1         | 2   | 3   | 4   | 5   | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | R1  | R2  |
|-----|-----------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| mph | 4.0       | 4.7 | 5.8 | 7.0 | 8.8 | 10.5 | 12.4 | 15.5 | 17.4 | 21.1 | 25.5 | 31.1 | 38.5 | 46.6 | 52.8 | 52.8 | 4.0 | 4.8 |
| mph | 1.8       | 2.2 | 2.6 | 3.2 | 4.0 | 4.7  | 5.6  | 6.8  | 8.1  | 9.3  | 11.8 | 14.3 | 17.4 | 21.1 | 25.5 | 30.4 | 1.8 | 2.2 |
|     | 14.00 R25 |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |     |     |



|  | Infinately variable                                     | Rope                              | Max. single line pull |
|--|---|-----------------------------------|-----------------------|
|  | 0 - 120 m/min (0-394 f/min)      Single line            | 19 mm / 255 m<br>(19 mm / 837 ft) | 76,4kN (17,175 lb)    |
|  | 0 - 120 m/min (0-394 f/min)      Single line            | 19 mm / 255 m<br>(19 mm / 837 ft) | 76,4kN (17,175 lb)    |
|  | 0 - 1,5 min <sup>-1</sup>                               |                                   |                       |
|  | -1,5° to + 83°      approx. 48 s                        |                                   |                       |
|  | 13,0 to 68,7 m<br>(42.5 to 225.4 ft)      approx. 480 s |                                   |                       |

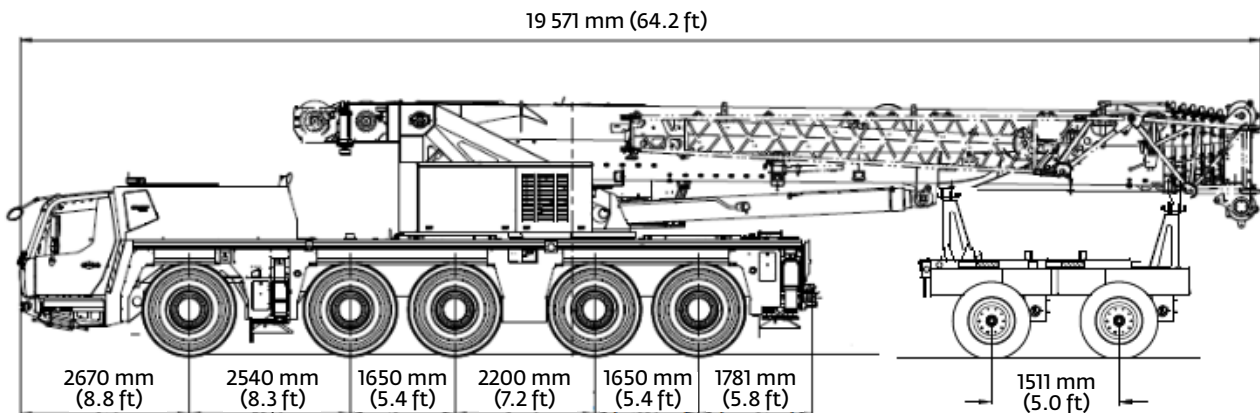
# Weights

## Boom over front



| Basic Weights   | Axles 1 and 2 |            | Axles 3-5 |           | Total     |            |
|---|---------------|------------|-----------|-----------|-----------|------------|
| GMK5150XL Mercedes-Benz power Tier 4 Final with: 16.00 R25 tires, 10x6x10 drive/steer, Hydraulic luffing swingaway, hose reel, 2 <sup>nd</sup> oil cooler, outrigger pads, auxiliary hoist, driver and tanks filled, 26 t (29 USt) hook block on bumper, 10,100 lb (4,6 t) cwt installed on turntable | 23 680 kg     | 52, 180 lb | 34 620 kg | 76,290 lb | 58 280 kg | 128,490 lb |

## Trailing Boom



| Basic Weights  | Axles 1 and 2 |           | Axles 3-5 |           | 2 Dolly Axles |           | Total     |            |
|--|---------------|-----------|-----------|-----------|---------------|-----------|-----------|------------|
| GMK5150XL Mercedes-Benz power Tier 4 Final with: 16.00R25 tires, 10x8x10 drive/steer, 16.2 m (53 ft.) hydraulic luffing swingaway, 2nd oil cooler, outrigger pads, auxiliary hoist, driver and tanks filled, 2 axle boom dolly (2994 kg (6600 lb)) | 17 700 kg     | 39,040 lb | 22 560 kg | 49,740 lb | 16 700 kg     | 36,800 lb | 56 960 kg | 125,580 lb |

# Working range

Main boom

## Working range



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



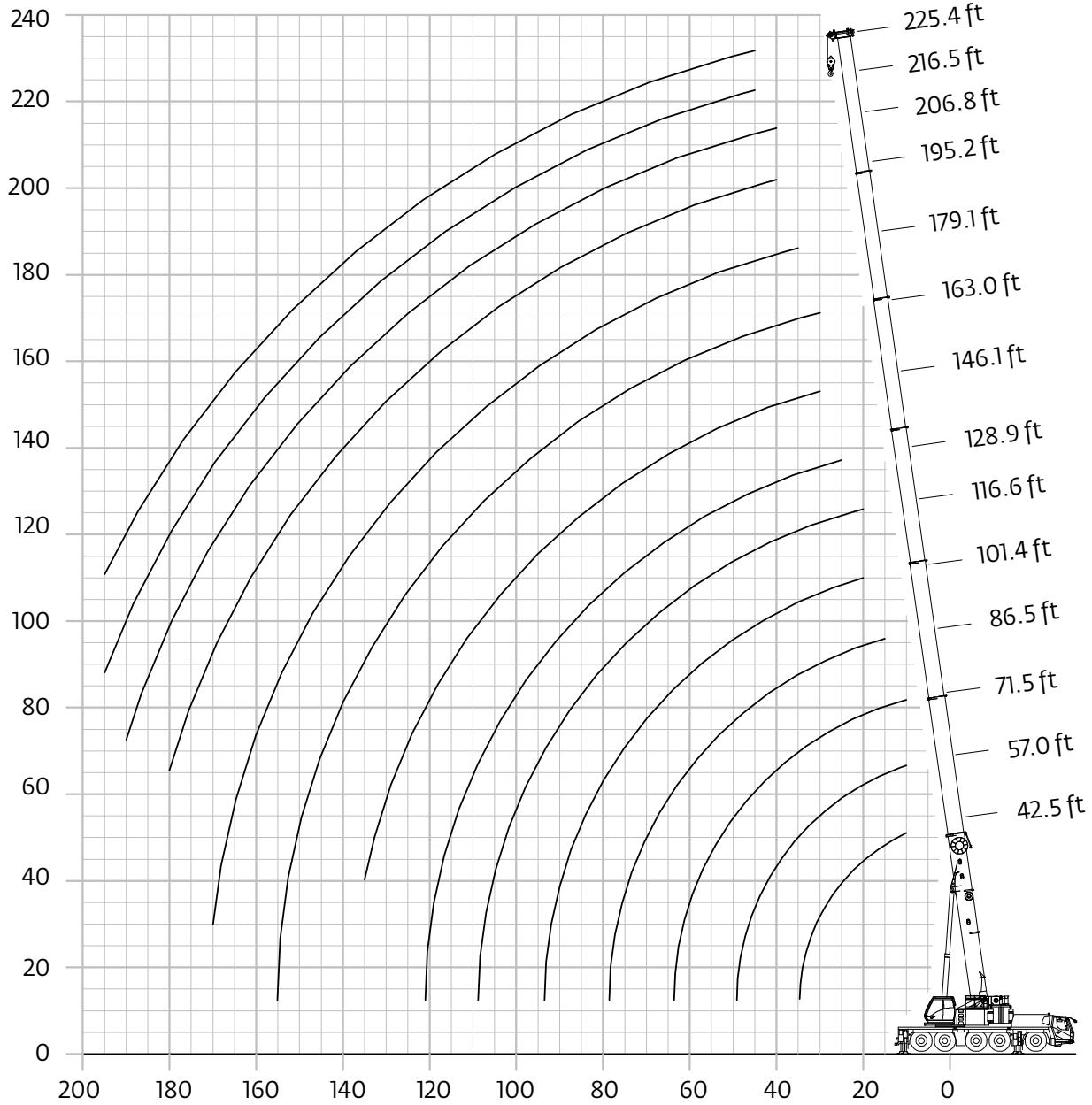
7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)





# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 236.0 | 234.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 185.0 | 183.0 | 184.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 150.0 | 150.0 | 148.0 | 143.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 125.0 | 126.0 | 124.0 | 125.0 | 110.0 | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |
| 30  | 102.0 | 104.0 | 103.0 | 102.0 | 100.0 | 87.0  | 75.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |
| 35  |       | 87.0  | 88.0  | 85.0  | 87.0  | 79.0  | 70.0  | 58.0  | 49.0  | 40.8  |       |       |       |       |       |       |
| 40  |       | 75.0  | 75.0  | 73.0  | 74.0  | 72.0  | 65.0  | 55.0  | 47.0  | 40.6  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 65.0  | 65.0  | 65.0  | 64.0  | 65.0  | 60.0  | 51.0  | 45.0  | 39.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 57.0  | 57.0  | 56.0  | 57.0  | 55.0  | 47.0  | 41.6  | 36.8  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 51.0  | 52.0  | 50.0  | 51.0  | 51.0  | 43.0  | 38.6  | 34.4  | 25.0  | 28.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 47.0  | 47.0  | 46.0  | 45.0  | 46.0  | 39.8  | 35.6  | 32.2  | 23.8  | 27.2  | 24.2  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 15.2  | 42.2  | 41.8  | 40.8  | 41.4  | 36.6  | 33.2  | 30.0  | 22.6  | 26.0  | 24.0  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 38.2  | 38.2  | 37.2  | 37.4  | 34.0  | 31.2  | 28.0  | 21.4  | 24.4  | 23.2  | 21.0  | 18.8  | 17.8  |
| 75  |       |       |       | 34.0  | 35.6  | 34.6  | 33.6  | 31.6  | 29.2  | 26.4  | 20.0  | 23.0  | 22.0  | 20.6  | 18.8  | 17.8  |
| 80  |       |       |       | 19.0  | 32.4  | 31.4  | 30.0  | 29.0  | 27.4  | 24.8  | 18.6  | 21.6  | 20.8  | 19.8  | 17.8  | 17.4  |
| 85  |       |       |       |       | 29.4  | 28.4  | 27.0  | 26.0  | 25.6  | 23.4  | 17.2  | 20.4  | 19.4  | 18.6  | 16.6  | 16.6  |
| 90  |       |       |       |       | 26.6  | 25.6  | 24.8  | 23.2  | 23.0  | 22.0  | 16.0  | 19.2  | 18.2  | 17.4  | 15.8  | 15.8  |
| 95  |       |       |       |       | 19.8  | 23.2  | 23.6  | 20.8  | 20.6  | 20.8  | 15.2  | 18.0  | 17.2  | 16.6  | 14.8  | 15.0  |
| 100 |       |       |       |       |       | 21.2  | 22.4  | 18.6  | 18.6  | 18.6  | 14.2  | 16.8  | 16.4  | 15.6  | 14.0  | 14.2  |
| 105 |       |       |       |       |       | 19.2  | 20.4  | 16.8  | 16.6  | 16.8  | 13.4  | 16.0  | 15.4  | 14.8  | 13.2  | 13.4  |
| 110 |       |       |       |       |       | 13.2  | 18.8  | 15.0  | 14.8  | 15.0  | 12.6  | 15.0  | 14.6  | 14.2  | 12.6  | 12.8  |
| 115 |       |       |       |       |       |       | 17.2  | 13.6  | 13.4  | 13.4  | 12.0  | 14.4  | 13.8  | 13.4  | 12.0  | 12.2  |
| 120 |       |       |       |       |       |       | 15.8  | 12.2  | 12.0  | 12.4  | 11.2  | 13.4  | 13.2  | 12.8  | 11.4  | 11.6  |
| 125 |       |       |       |       |       |       | 9.6   | 10.8  | 10.6  | 11.8  | 10.6  | 12.0  | 12.6  | 12.2  | 10.8  | 11.0  |
| 130 |       |       |       |       |       |       |       | 9.6   | 9.4   | 11.2  | 10.0  | 11.2  | 11.6  | 11.6  | 10.2  | 10.4  |
| 135 |       |       |       |       |       |       |       | 8.6   | 8.4   | 10.6  | 9.4   | 10.6  | 10.4  | 10.8  | 9.8   | 9.8   |
| 140 |       |       |       |       |       |       |       |       | 7.4   | 10.2  | 8.8   | 10.2  | 9.4   | 9.8   | 9.2   | 9.4   |
| 145 |       |       |       |       |       |       |       |       | 6.4   | 9.6   | 8.4   | 9.4   | 8.6   | 8.8   | 8.8   | 8.6   |
| 150 |       |       |       |       |       |       |       |       |       | 9.2   | 8.0   | 8.6   | 7.6   | 8.0   | 8.0   | 7.8   |
| 155 |       |       |       |       |       |       |       |       |       | 8.6   | 7.6   | 7.8   | 6.8   | 7.2   | 7.2   | 7.0   |
| 160 |       |       |       |       |       |       |       |       |       |       | 7.0   | 7.0   | 6.2   | 6.4   | 6.4   | 6.2   |
| 165 |       |       |       |       |       |       |       |       |       |       | 6.8   | 6.2   | 5.4   | 5.8   | 5.6   | 5.4   |
| 170 |       |       |       |       |       |       |       |       |       |       | 6.4   | 5.6   | 4.8   | 5.2   | 5.0   | 4.8   |
| 175 |       |       |       |       |       |       |       |       |       |       | 6.0   | 5.0   | 4.2   | 4.4   | 4.4   | 4.2   |
| 180 |       |       |       |       |       |       |       |       |       |       |       | 4.4   | 3.6   | 4.0   | 3.8   | 3.6   |
| 185 |       |       |       |       |       |       |       |       |       |       |       |       | 3.0   | 3.4   | 3.2   | 3.0   |
| 190 |       |       |       |       |       |       |       |       |       |       |       |       | 2.6   | 2.8   | 2.8   | 2.6   |
| 195 |       |       |       |       |       |       |       |       |       |       |       |       |       | 2.4   | 2.2   | 2.0   |
| 200 |       |       |       |       |       |       |       |       |       |       |       |       |       | 2.0   | 1.8   |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



30,9 t  
(68,100 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 234.0 | 232.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 182.0 | 182.0 | 181.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 147.0 | 148.0 | 146.0 | 143.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 116.0 | 118.0 | 117.0 | 116.0 | 110.0 | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |
| 30  | 93.0  | 95.0  | 96.0  | 93.0  | 91.0  | 87.0  | 75.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |
| 35  |       | 80.0  | 80.0  | 80.0  | 74.0  | 73.0  | 70.0  | 58.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |
| 40  |       | 68.0  | 68.0  | 69.0  | 66.0  | 62.0  | 61.0  | 55.0  | 47.0  | 40.6  | 34.2  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 55.0  | 57.0  | 59.0  | 56.0  | 56.0  | 53.0  | 50.0  | 45.0  | 39.0  | 34.0  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.1  | 47.0  | 50.0  | 52.0  | 49.0  | 46.0  | 43.4  | 41.6  | 36.8  | 32.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 39.8  | 42.2  | 45.0  | 42.8  | 40.0  | 37.8  | 36.8  | 34.4  | 31.4  | 28.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 34.0  | 36.4  | 38.6  | 37.6  | 35.2  | 33.2  | 32.2  | 31.6  | 29.6  | 27.2  | 24.2  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 26.8  | 31.6  | 33.8  | 32.8  | 32.0  | 29.2  | 28.4  | 27.8  | 27.6  | 26.0  | 24.0  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 27.6  | 29.8  | 28.8  | 30.2  | 25.8  | 25.0  | 24.6  | 24.8  | 24.4  | 23.2  | 21.0  | 18.8  | 17.8  |
| 75  |       |       |       | 24.2  | 26.4  | 25.4  | 26.8  | 22.8  | 22.2  | 22.0  | 23.4  | 22.2  | 22.0  | 20.6  | 18.8  | 17.8  |
| 80  |       |       |       | 18.8  | 23.4  | 22.4  | 23.8  | 20.2  | 19.8  | 20.6  | 22.0  | 20.2  | 20.2  | 19.8  | 17.8  | 17.4  |
| 85  |       |       |       |       | 21.0  | 20.0  | 21.2  | 18.6  | 17.4  | 19.0  | 20.4  | 19.0  | 18.2  | 18.4  | 16.6  | 16.6  |
| 90  |       |       |       |       | 18.8  | 17.8  | 19.0  | 17.4  | 15.6  | 17.8  | 18.6  | 17.6  | 16.4  | 16.6  | 15.8  | 15.8  |
| 95  |       |       |       |       | 14.0  | 15.8  | 17.0  | 16.4  | 14.6  | 16.6  | 16.8  | 16.0  | 14.8  | 15.0  | 14.8  | 14.4  |
| 100 |       |       |       |       |       | 14.0  | 15.4  | 15.4  | 13.8  | 15.6  | 15.0  | 14.6  | 13.4  | 13.6  | 13.2  | 13.0  |
| 105 |       |       |       |       |       |       | 12.6  | 13.8  | 14.6  | 12.8  | 14.6  | 13.6  | 13.0  | 12.0  | 12.2  | 11.6  |
| 110 |       |       |       |       |       |       | 8.4   | 12.4  | 13.8  | 12.2  | 13.2  | 12.6  | 11.6  | 10.8  | 11.0  | 10.4  |
| 115 |       |       |       |       |       |       |       | 11.2  | 12.4  | 11.4  | 12.0  | 11.2  | 10.4  | 9.4   | 9.8   | 9.4   |
| 120 |       |       |       |       |       |       |       | 10.0  | 11.2  | 10.8  | 10.8  | 10.2  | 9.2   | 8.4   | 8.6   | 8.4   |
| 125 |       |       |       |       |       |       |       | 6.4   | 10.2  | 10.2  | 9.8   | 9.0   | 8.2   | 7.2   | 7.6   | 7.4   |
| 130 |       |       |       |       |       |       |       |       | 9.2   | 9.6   | 8.8   | 8.0   | 7.2   | 6.4   | 6.6   | 6.4   |
| 135 |       |       |       |       |       |       |       |       | 8.4   | 8.6   | 7.8   | 7.2   | 6.2   | 5.4   | 5.8   | 5.4   |
| 140 |       |       |       |       |       |       |       |       |       | 7.8   | 7.0   | 6.4   | 5.4   | 4.6   | 5.0   | 4.6   |
| 145 |       |       |       |       |       |       |       |       |       | 7.2   | 6.2   | 5.6   | 4.8   | 3.8   | 4.2   | 3.8   |
| 150 |       |       |       |       |       |       |       |       |       | 6.4   | 5.6   | 5.0   | 4.0   | 3.2   | 3.4   | 3.2   |
| 155 |       |       |       |       |       |       |       |       |       | 2.8   | 5.0   | 4.2   | 3.4   | 2.4   | 2.8   | 2.6   |
| 160 |       |       |       |       |       |       |       |       |       |       |       | 3.6   | 2.8   | 1.8   | 2.2   | 2.0   |
| 165 |       |       |       |       |       |       |       |       |       |       |       | 3.0   | 2.2   |       |       |       |
| 170 |       |       |       |       |       |       |       |       |       |       |       | 2.6   |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



28,6 t  
(63,000 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 232.0 | 224.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 182.0 | 182.0 | 181.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 146.0 | 147.0 | 145.0 | 143.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 114.0 | 116.0 | 116.0 | 114.0 | 110.0 | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 92.0  | 94.0  | 94.0  | 92.0  | 87.0  | 85.0  | 75.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |       |
| 35  |       | 78.0  | 79.0  | 78.0  | 74.0  | 70.0  | 69.0  | 58.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 64.0  | 67.0  | 66.0  | 63.0  | 62.0  | 58.0  | 55.0  | 47.0  | 40.6  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 52.0  | 56.0  | 56.0  | 56.0  | 53.0  | 50.0  | 48.0  | 45.0  | 39.0  | 34.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 47.0  | 47.0  | 49.0  | 46.0  | 43.2  | 41.0  | 39.8  | 36.8  | 32.8  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 39.6  | 42.4  | 42.2  | 40.6  | 37.6  | 35.6  | 34.6  | 33.8  | 31.4  | 25.0  | 28.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 34.0  | 36.6  | 36.6  | 35.4  | 33.0  | 31.2  | 30.2  | 29.6  | 29.6  | 23.8  | 27.2  | 24.2  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 24.8  | 32.0  | 31.8  | 30.8  | 29.2  | 27.4  | 26.4  | 26.0  | 26.4  | 22.6  | 26.0  | 24.0  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 28.2  | 28.0  | 27.0  | 25.6  | 24.0  | 23.4  | 23.6  | 24.8  | 21.4  | 23.2  | 23.2  | 21.0  | 18.8  | 17.8  |
| 75  |       |       |       | 24.8  | 24.6  | 23.6  | 22.2  | 21.8  | 20.6  | 22.0  | 23.4  | 20.0  | 21.6  | 21.0  | 20.6  | 18.8  | 17.8  |
| 80  |       |       |       | 22.2  | 21.8  | 21.0  | 20.6  | 20.2  | 18.2  | 20.6  | 21.0  | 18.6  | 20.2  | 18.8  | 19.0  | 17.8  | 17.4  |
| 85  |       |       |       |       | 19.4  | 18.4  | 19.4  | 18.6  | 16.4  | 19.0  | 19.0  | 17.2  | 18.2  | 16.8  | 17.0  | 16.6  | 16.4  |
| 90  |       |       |       |       | 17.4  | 16.4  | 18.2  | 17.4  | 15.6  | 17.8  | 17.2  | 16.0  | 16.4  | 15.2  | 15.2  | 15.0  | 14.6  |
| 95  |       |       |       |       | 12.8  | 15.2  | 17.0  | 16.4  | 14.6  | 16.6  | 15.8  | 15.2  | 14.8  | 13.6  | 13.8  | 13.4  | 13.2  |
| 100 |       |       |       |       |       | 14.4  | 16.0  | 15.4  | 13.8  | 15.0  | 15.0  | 14.2  | 13.4  | 12.2  | 12.4  | 12.2  | 11.8  |
| 105 |       |       |       |       |       | 13.6  | 14.4  | 14.0  | 12.8  | 13.6  | 13.8  | 13.2  | 12.0  | 10.8  | 11.0  | 10.8  | 10.6  |
| 110 |       |       |       |       |       | 13.0  | 13.2  | 12.6  | 12.2  | 12.2  | 12.4  | 11.8  | 11.2  | 9.6   | 10.0  | 9.8   | 9.4   |
| 115 |       |       |       |       |       | 10.0  | 11.8  | 11.4  | 11.4  | 11.0  | 11.2  | 10.6  | 10.4  | 8.4   | 8.8   | 8.6   | 8.4   |
| 120 |       |       |       |       |       |       | 10.8  | 10.2  | 10.6  | 9.8   | 10.0  | 9.4   | 9.2   | 7.4   | 7.6   | 7.6   | 7.4   |
| 125 |       |       |       |       |       |       | 9.8   | 9.2   | 9.6   | 8.8   | 9.0   | 8.4   | 8.2   | 6.4   | 6.6   | 6.6   | 6.4   |
| 130 |       |       |       |       |       |       | 7.6   | 8.4   | 8.6   | 7.8   | 8.2   | 7.6   | 7.4   | 5.4   | 5.8   | 5.6   | 5.4   |
| 135 |       |       |       |       |       |       |       | 7.6   | 7.8   | 7.0   | 7.2   | 6.6   | 6.4   | 4.6   | 5.0   | 4.8   | 4.6   |
| 140 |       |       |       |       |       |       |       | 6.8   | 7.0   | 6.2   | 6.4   | 5.8   | 5.6   | 3.8   | 4.2   | 4.0   | 3.8   |
| 145 |       |       |       |       |       |       |       |       | 6.2   | 5.4   | 5.8   | 5.2   | 5.0   | 3.0   | 3.4   | 3.4   | 3.0   |
| 150 |       |       |       |       |       |       |       |       | 5.6   | 4.8   | 5.0   | 4.4   | 4.2   | 2.4   | 2.8   | 2.6   | 2.4   |
| 155 |       |       |       |       |       |       |       |       | 2.8   | 4.2   | 4.4   | 3.8   | 3.6   | 1.8   | 2.0   | 2.0   | 1.8   |
| 160 |       |       |       |       |       |       |       |       |       |       | 3.8   | 3.2   | 3.0   |       |       |       |       |
| 165 |       |       |       |       |       |       |       |       |       |       | 3.4   | 2.8   | 2.6   |       |       |       |       |
| 170 |       |       |       |       |       |       |       |       |       |       | 2.2   | 2.2   | 2.0   |       |       |       |       |
| 175 |       |       |       |       |       |       |       |       |       |       |       | 1.8   |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



26,3 t  
(57,900 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 232.0 | 230.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 182.0 | 181.0 | 180.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 144.0 | 145.0 | 143.0 | 143.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 112.0 | 114.0 | 115.0 | 111.0 | 107.0 | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 90.0  | 92.0  | 93.0  | 90.0  | 83.0  | 82.0  | 75.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |       |
| 35  |       | 77.0  | 77.0  | 76.0  | 72.0  | 68.0  | 66.0  | 58.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 61.0  | 64.0  | 63.0  | 61.0  | 60.0  | 56.0  | 53.0  | 47.0  | 40.6  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 49.0  | 53.0  | 53.0  | 54.0  | 51.0  | 48.0  | 45.0  | 43.6  | 39.0  | 34.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 44.0  | 47.0  | 47.0  | 44.0  | 40.8  | 38.6  | 37.4  | 36.6  | 32.8  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 37.2  | 40.0  | 39.8  | 38.4  | 36.0  | 33.4  | 32.4  | 31.6  | 31.4  | 25.0  | 28.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 33.8  | 34.6  | 34.4  | 33.4  | 34.0  | 29.0  | 28.2  | 27.6  | 28.4  | 23.8  | 27.2  | 24.2  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 23.0  | 30.2  | 30.0  | 29.0  | 30.4  | 25.4  | 24.6  | 25.4  | 26.4  | 22.6  | 24.6  | 24.0  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 26.4  | 26.2  | 25.2  | 26.6  | 23.4  | 21.6  | 23.6  | 24.4  | 21.4  | 23.0  | 22.0  | 21.0  | 18.8  | 17.8  |
| 75  |       |       |       | 23.2  | 23.0  | 22.0  | 23.4  | 21.8  | 19.0  | 22.0  | 21.8  | 20.0  | 20.8  | 19.6  | 19.6  | 18.8  | 17.8  |
| 80  |       |       |       | 21.1  | 20.4  | 19.4  | 20.8  | 20.2  | 17.4  | 20.6  | 19.6  | 18.6  | 18.8  | 17.4  | 17.6  | 17.2  | 16.8  |
| 85  |       |       |       |       | 18.0  | 17.0  | 18.4  | 18.6  | 16.4  | 19.0  | 17.6  | 17.2  | 16.8  | 15.6  | 15.6  | 15.4  | 15.0  |
| 90  |       |       |       |       | 16.0  | 15.0  | 16.4  | 17.4  | 15.6  | 17.4  | 16.6  | 16.0  | 15.0  | 13.8  | 14.0  | 13.8  | 13.4  |
| 95  |       |       |       |       | 11.6  | 13.4  | 14.6  | 16.0  | 14.6  | 15.4  | 15.8  | 15.0  | 13.6  | 12.4  | 12.6  | 12.2  | 12.0  |
| 100 |       |       |       |       |       | 12.6  | 13.8  | 14.4  | 13.8  | 13.8  | 14.2  | 13.6  | 12.8  | 11.0  | 11.2  | 11.0  | 10.6  |
| 105 |       |       |       |       |       | 12.0  | 13.2  | 12.8  | 12.8  | 12.4  | 12.6  | 12.0  | 11.8  | 9.8   | 10.0  | 9.8   | 9.4   |
| 110 |       |       |       |       |       | 8.4   | 12.6  | 11.6  | 12.0  | 11.2  | 11.4  | 10.8  | 10.6  | 8.6   | 8.8   | 8.6   | 8.4   |
| 115 |       |       |       |       |       |       | 11.4  | 10.4  | 10.8  | 10.0  | 10.2  | 9.6   | 9.4   | 7.4   | 7.8   | 7.6   | 7.4   |
| 120 |       |       |       |       |       |       | 10.4  | 9.4   | 9.6   | 8.8   | 9.2   | 8.6   | 8.4   | 6.4   | 6.8   | 6.6   | 6.4   |
| 125 |       |       |       |       |       |       | 8.8   | 8.4   | 8.6   | 7.8   | 8.2   | 7.6   | 7.4   | 5.4   | 5.8   | 5.6   | 5.4   |
| 130 |       |       |       |       |       |       | 7.6   | 7.4   | 7.8   | 7.0   | 7.2   | 6.6   | 6.4   | 4.6   | 4.8   | 4.8   | 4.6   |
| 135 |       |       |       |       |       |       |       | 6.6   | 7.0   | 6.2   | 6.4   | 5.8   | 5.6   | 3.8   | 4.0   | 4.0   | 3.8   |
| 140 |       |       |       |       |       |       |       | 6.0   | 6.2   | 5.4   | 5.6   | 5.0   | 4.8   | 3.0   | 3.4   | 3.2   | 3.0   |
| 145 |       |       |       |       |       |       |       |       | 5.6   | 4.8   | 5.0   | 4.4   | 4.2   | 2.2   | 2.6   | 2.6   | 2.4   |
| 150 |       |       |       |       |       |       |       |       | 4.8   | 4.0   | 4.4   | 3.8   | 3.6   |       | 2.0   | 1.8   |       |
| 155 |       |       |       |       |       |       |       |       | 2.8   | 3.4   | 3.8   | 3.2   | 3.0   |       |       |       |       |
| 160 |       |       |       |       |       |       |       |       |       |       | 3.2   | 2.6   | 2.4   |       |       |       |       |
| 165 |       |       |       |       |       |       |       |       |       |       | 2.6   | 2.0   | 1.8   |       |       |       |       |
| 170 |       |       |       |       |       |       |       |       |       |       | 2.2   |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



24,0 t  
(52,900 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 232.0 | 230.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 181.0 | 181.0 | 180.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 141.0 | 142.0 | 142.0 | 141.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 110.0 | 112.0 | 113.0 | 106.0 | 101.0 | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 89.0  | 91.0  | 91.0  | 87.0  | 83.0  | 78.0  | 75.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |       |
| 35  |       | 72.0  | 74.0  | 72.0  | 68.0  | 67.0  | 63.0  | 58.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 58.0  | 61.0  | 60.0  | 60.0  | 57.0  | 53.0  | 50.0  | 47.0  | 40.6  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 49.0  | 50.0  | 51.0  | 51.0  | 48.0  | 45.0  | 42.2  | 40.8  | 39.0  | 34.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 41.2  | 44.0  | 44.0  | 41.4  | 38.6  | 36.0  | 34.8  | 34.0  | 32.8  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 36.8  | 37.6  | 37.4  | 36.0  | 36.0  | 31.2  | 30.0  | 29.4  | 30.2  | 25.0  | 28.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 31.6  | 32.4  | 32.2  | 31.2  | 32.2  | 27.0  | 26.0  | 27.2  | 28.4  | 23.8  | 26.0  | 24.2  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 21.0  | 28.2  | 28.0  | 27.0  | 28.4  | 25.0  | 22.8  | 25.4  | 25.4  | 22.6  | 24.4  | 22.8  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 24.6  | 24.4  | 23.4  | 24.8  | 23.4  | 20.0  | 23.6  | 22.6  | 21.4  | 21.6  | 20.2  | 20.4  | 18.8  | 17.8  |
| 75  |       |       |       | 21.6  | 21.4  | 20.4  | 21.8  | 21.8  | 18.6  | 22.0  | 20.6  | 20.0  | 19.2  | 18.0  | 18.0  | 17.8  | 17.4  |
| 80  |       |       |       | 19.6  | 18.8  | 18.4  | 19.2  | 20.2  | 17.4  | 19.8  | 18.8  | 18.6  | 17.2  | 16.0  | 16.0  | 15.8  | 15.4  |
| 85  |       |       |       |       | 16.6  | 17.0  | 17.0  | 18.4  | 16.4  | 18.0  | 17.6  | 16.8  | 15.6  | 14.2  | 14.2  | 14.0  | 13.6  |
| 90  |       |       |       |       | 14.6  | 16.2  | 15.2  | 16.4  | 15.6  | 16.0  | 16.2  | 15.2  | 14.6  | 12.6  | 12.6  | 12.4  | 12.2  |
| 95  |       |       |       |       | 10.2  | 15.2  | 14.6  | 14.6  | 14.6  | 14.2  | 14.4  | 13.8  | 13.4  | 11.0  | 11.2  | 11.0  | 10.8  |
| 100 |       |       |       |       |       | 13.8  | 13.8  | 13.2  | 13.4  | 12.6  | 13.0  | 12.2  | 12.0  | 9.8   | 10.0  | 9.8   | 9.4   |
| 105 |       |       |       |       |       | 12.4  | 12.8  | 11.8  | 12.0  | 11.2  | 11.6  | 10.8  | 10.8  | 8.6   | 8.8   | 8.6   | 8.4   |
| 110 |       |       |       |       |       | 11.2  | 11.4  | 10.4  | 10.8  | 10.0  | 10.2  | 9.6   | 9.4   | 7.6   | 7.8   | 7.6   | 7.4   |
| 115 |       |       |       |       |       | 10.0  | 10.4  | 9.4   | 9.8   | 8.8   | 9.2   | 8.6   | 8.4   | 6.4   | 6.8   | 6.6   | 6.4   |
| 120 |       |       |       |       |       |       | 9.4   | 8.4   | 8.6   | 7.8   | 8.2   | 7.6   | 7.4   | 5.4   | 5.8   | 5.6   | 5.4   |
| 125 |       |       |       |       |       |       | 6.2   | 7.4   | 7.8   | 7.0   | 7.2   | 6.6   | 6.4   | 4.4   | 4.8   | 4.8   | 4.6   |
| 130 |       |       |       |       |       |       |       | 6.6   | 6.8   | 6.0   | 6.4   | 5.8   | 5.6   | 3.6   | 4.0   | 3.8   | 3.6   |
| 135 |       |       |       |       |       |       |       | 5.8   | 6.0   | 5.2   | 5.6   | 5.0   | 4.8   | 2.8   | 3.2   | 3.0   | 2.8   |
| 140 |       |       |       |       |       |       |       | 5.2   | 5.4   | 4.6   | 4.8   | 4.2   | 4.0   | 2.2   | 2.4   | 2.4   | 2.2   |
| 145 |       |       |       |       |       |       |       |       | 4.8   | 3.8   | 4.2   | 3.6   | 3.4   |       | 1.8   |       |       |
| 150 |       |       |       |       |       |       |       |       | 4.0   | 3.2   | 3.6   | 3.0   | 2.8   |       |       |       |       |
| 155 |       |       |       |       |       |       |       |       | 2.8   | 2.8   | 3.0   | 2.4   | 2.2   |       |       |       |       |
| 160 |       |       |       |       |       |       |       |       |       |       | 2.4   | 1.8   |       |       |       |       |       |
| 165 |       |       |       |       |       |       |       |       |       |       | 2.0   |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



21,7 t  
(47,800 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 232.0 | 230.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 181.0 | 180.0 | 179.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 139.0 | 140.0 | 140.0 | 137.0 | 114.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 108.0 | 110.0 | 111.0 | 105.0 | 97.0  | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 86.0  | 89.0  | 87.0  | 85.0  | 79.0  | 76.0  | 73.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |       |
| 35  | 57.0  | 70.0  | 72.0  | 69.0  | 67.0  | 64.0  | 60.0  | 56.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 55.0  | 57.0  | 57.0  | 57.0  | 54.0  | 50.0  | 47.0  | 45.0  | 40.6  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 46.0  | 47.0  | 50.0  | 48.0  | 45.0  | 42.0  | 39.6  | 38.2  | 37.2  | 34.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 40.0  | 41.6  | 41.4  | 38.8  | 38.6  | 33.6  | 32.6  | 31.8  | 31.6  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 34.4  | 35.2  | 35.2  | 33.6  | 34.2  | 29.0  | 28.0  | 29.4  | 30.2  | 25.0  | 27.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 29.4  | 30.2  | 30.2  | 29.0  | 30.0  | 27.0  | 24.2  | 27.2  | 26.8  | 23.8  | 25.6  | 24.0  | 21.0  | 18.8  | 17.8  |
| 65  |       |       |       | 26.2  | 26.0  | 25.0  | 26.4  | 25.0  | 21.6  | 25.4  | 23.8  | 22.6  | 22.6  | 21.2  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 22.8  | 22.6  | 21.6  | 23.2  | 23.4  | 20.0  | 22.8  | 21.6  | 21.4  | 20.0  | 18.6  | 18.8  | 18.4  | 17.8  |
| 75  |       |       |       | 20.0  | 19.8  | 19.8  | 21.8  | 21.6  | 18.6  | 20.4  | 20.0  | 19.4  | 17.8  | 16.4  | 16.6  | 16.2  | 16.0  |
| 80  |       |       |       | 18.0  | 17.4  | 18.4  | 19.6  | 19.2  | 17.4  | 18.4  | 18.2  | 17.4  | 16.6  | 14.6  | 14.6  | 14.4  | 14.0  |
| 85  |       |       |       |       | 15.2  | 17.0  | 17.4  | 17.0  | 16.4  | 16.6  | 16.4  | 15.6  | 15.2  | 12.8  | 13.0  | 12.6  | 12.4  |
| 90  |       |       |       |       | 13.4  | 15.8  | 15.6  | 15.0  | 15.4  | 14.6  | 14.8  | 14.0  | 13.6  | 11.2  | 11.4  | 11.2  | 10.8  |
| 95  |       |       |       |       | 9.0   | 14.0  | 14.0  | 13.4  | 13.8  | 13.0  | 13.2  | 12.6  | 12.2  | 9.8   | 10.0  | 9.8   | 9.6   |
| 100 |       |       |       |       |       | 12.6  | 12.4  | 12.0  | 12.4  | 11.4  | 11.8  | 11.2  | 11.0  | 8.6   | 8.8   | 8.6   | 8.4   |
| 105 |       |       |       |       |       | 11.2  | 11.0  | 10.6  | 11.0  | 10.2  | 10.4  | 9.8   | 9.6   | 7.6   | 7.8   | 7.6   | 7.2   |
| 110 |       |       |       |       |       | 10.0  | 10.2  | 9.4   | 9.8   | 9.0   | 9.2   | 8.6   | 8.4   | 6.4   | 6.8   | 6.6   | 6.2   |
| 115 |       |       |       |       |       | 9.0   | 9.4   | 8.4   | 8.8   | 7.8   | 8.2   | 7.6   | 7.4   | 5.4   | 5.8   | 5.6   | 5.4   |
| 120 |       |       |       |       |       |       | 8.4   | 7.4   | 7.8   | 7.0   | 7.2   | 6.6   | 6.4   | 4.4   | 4.8   | 4.6   | 4.4   |
| 125 |       |       |       |       |       |       | 6.2   | 6.4   | 6.8   | 6.0   | 6.2   | 5.6   | 5.4   | 3.6   | 3.8   | 3.8   | 3.6   |
| 130 |       |       |       |       |       |       |       | 5.6   | 6.0   | 5.2   | 5.4   | 4.8   | 4.6   | 2.8   | 3.0   | 3.0   | 2.8   |
| 135 |       |       |       |       |       |       |       | 5.0   | 5.2   | 4.4   | 4.8   | 4.0   | 3.8   | 2.0   | 2.4   | 2.2   | 2.0   |
| 140 |       |       |       |       |       |       |       | 4.2   | 4.6   | 3.8   | 4.0   | 3.4   | 3.2   |       |       |       |       |
| 145 |       |       |       |       |       |       |       |       | 4.0   | 3.2   | 3.4   | 2.8   | 2.6   |       |       |       |       |
| 150 |       |       |       |       |       |       |       |       | 3.4   | 2.6   | 2.8   | 2.2   | 2.0   |       |       |       |       |
| 155 |       |       |       |       |       |       |       |       | 2.8   | 2.0   | 2.2   |       |       |       |       |       |       |
| 160 |       |       |       |       |       |       |       |       |       |       | 1.8   |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



19,4 t  
(42,700 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 232.0 | 230.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 181.0 | 180.0 | 179.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 139.0 | 139.0 | 140.0 | 137.0 | 114.0 | 89.0  |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 108.0 | 110.0 | 111.0 | 105.0 | 97.0  | 94.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 86.0  | 89.0  | 87.0  | 85.0  | 79.0  | 76.0  | 73.0  | 61.0  | 50.0  |       |       |       |       |       |       |       |       |
| 35  |       | 70.0  | 72.0  | 69.0  | 67.0  | 64.0  | 60.0  | 56.0  | 49.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 55.0  | 57.0  | 57.0  | 57.0  | 54.0  | 50.0  | 47.0  | 45.0  | 40.6  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 46.0  | 47.0  | 50.0  | 48.0  | 45.0  | 42.0  | 39.6  | 38.2  | 37.2  | 34.0  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 29.2  | 40.0  | 41.6  | 41.4  | 38.8  | 38.6  | 33.6  | 32.6  | 31.8  | 31.6  | 26.2  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 34.4  | 35.2  | 35.2  | 33.6  | 34.2  | 29.0  | 28.0  | 29.4  | 30.2  | 25.0  | 27.4  | 24.2  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 29.4  | 30.2  | 30.2  | 29.0  | 30.0  | 27.0  | 24.2  | 27.2  | 26.8  | 23.8  | 23.8  | 24.0  | 21.0  | 18.8  | 17.8  |
| 65  |       |       | 19.6  | 26.2  | 26.0  | 25.0  | 26.4  | 25.0  | 21.6  | 25.4  | 23.6  | 22.6  | 20.8  | 21.2  | 21.0  | 18.8  | 17.8  |
| 70  |       |       |       | 22.8  | 22.6  | 21.6  | 23.0  | 23.4  | 20.0  | 22.8  | 21.0  | 21.4  | 20.0  | 18.6  | 18.8  | 18.4  | 17.8  |
| 75  |       |       |       | 20.0  | 19.8  | 18.8  | 20.2  | 21.6  | 18.6  | 20.4  | 18.6  | 19.4  | 17.8  | 16.4  | 16.6  | 16.2  | 16.0  |
| 80  |       |       |       | 15.2  | 17.4  | 16.4  | 17.8  | 19.2  | 17.4  | 18.4  | 16.6  | 17.4  | 16.6  | 14.6  | 14.6  | 14.4  | 14.0  |
| 85  |       |       |       |       | 15.2  | 17.0  | 16.2  | 17.0  | 16.4  | 16.6  | 14.8  | 15.6  | 15.2  | 12.8  | 13.0  | 12.6  | 12.4  |
| 90  |       |       |       |       | 13.4  | 15.8  | 15.2  | 15.0  | 15.4  | 14.6  | 13.2  | 14.0  | 13.6  | 11.2  | 11.4  | 11.2  | 10.8  |
| 95  |       |       |       |       | 9.0   | 14.0  | 14.4  | 13.4  | 13.8  | 13.0  | 11.8  | 12.6  | 12.2  | 9.8   | 10.0  | 9.8   | 9.6   |
| 100 |       |       |       |       |       | 12.6  | 13.0  | 12.0  | 12.4  | 11.4  | 10.2  | 11.2  | 11.0  | 8.6   | 8.8   | 8.6   | 8.4   |
| 105 |       |       |       |       |       | 11.2  | 11.6  | 10.6  | 11.0  | 10.2  | 9.0   | 9.8   | 9.6   | 7.6   | 7.8   | 7.6   | 7.2   |
| 110 |       |       |       |       |       | 10.0  | 10.4  | 9.4   | 9.8   | 9.0   | 7.8   | 8.6   | 8.4   | 6.4   | 6.8   | 6.6   | 6.2   |
| 115 |       |       |       |       |       | 9.0   | 9.4   | 8.4   | 8.8   | 7.8   | 6.6   | 7.6   | 7.4   | 5.4   | 5.8   | 5.6   | 5.4   |
| 120 |       |       |       |       |       |       | 8.4   | 7.4   | 7.8   | 7.0   | 5.8   | 6.6   | 6.4   | 4.4   | 4.8   | 4.6   | 4.4   |
| 125 |       |       |       |       |       |       | 6.2   | 6.4   | 6.8   | 6.0   | 4.8   | 5.6   | 5.4   | 3.6   | 3.8   | 3.8   | 3.6   |
| 130 |       |       |       |       |       |       |       | 5.6   | 6.0   | 5.2   | 4.0   | 4.8   | 4.6   | 2.8   | 3.0   | 3.0   | 2.8   |
| 135 |       |       |       |       |       |       |       | 5.0   | 5.2   | 4.4   | 3.2   | 4.0   | 3.8   | 2.0   | 2.4   | 2.2   | 2.0   |
| 140 |       |       |       |       |       |       |       | 4.2   | 4.6   | 3.8   | 2.6   | 3.4   | 3.2   |       |       |       |       |
| 145 |       |       |       |       |       |       |       |       | 4.0   | 3.2   | 2.0   | 2.8   | 2.6   |       |       |       |       |
| 150 |       |       |       |       |       |       |       |       | 3.4   | 2.6   |       | 2.2   | 2.0   |       |       |       |       |
| 155 |       |       |       |       |       |       |       |       | 2.8   | 2.0   |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



17,1 t  
(37,600 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 230.0 | 228.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 180.0 | 180.0 | 179.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 135.0 | 136.0 | 136.0 | 124.0 | 114.0 | 89.0  |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 105.0 | 107.0 | 102.0 | 95.0  | 92.0  | 84.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 75.0  | 79.0  | 81.0  | 73.0  | 73.0  | 70.0  | 65.0  | 61.0  | 50.0  | 33.8  |       |       |       |       |       |       |       |
| 35  | 57.0  | 61.0  | 64.0  | 58.0  | 61.0  | 57.0  | 53.0  | 49.0  | 48.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 49.0  | 50.0  | 47.0  | 50.0  | 47.0  | 45.0  | 40.8  | 39.2  | 33.8  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 39.6  | 42.6  | 37.8  | 42.4  | 39.6  | 40.0  | 34.0  | 32.8  | 33.4  | 32.6  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 33.4  | 35.4  | 30.8  | 36.0  | 33.8  | 34.2  | 31.2  | 27.8  | 31.8  | 30.2  | 26.2  | 27.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 29.8  | 25.2  | 30.4  | 29.0  | 29.6  | 29.0  | 24.4  | 28.4  | 27.0  | 25.0  | 25.0  | 23.4  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 25.2  | 20.8  | 25.8  | 24.8  | 26.6  | 26.2  | 23.0  | 25.0  | 23.6  | 23.6  | 22.6  | 20.4  | 20.4  | 18.8  | 17.8  |
| 65  |       |       | 19.6  | 19.0  | 22.2  | 22.8  | 24.4  | 23.2  | 21.6  | 22.0  | 20.8  | 20.8  | 20.2  | 17.6  | 17.8  | 17.4  | 17.0  |
| 70  |       |       |       | 17.6  | 19.2  | 21.2  | 21.6  | 20.6  | 20.0  | 19.4  | 18.2  | 18.4  | 18.0  | 15.4  | 15.4  | 15.2  | 14.8  |
| 75  |       |       |       | 16.6  | 16.4  | 19.0  | 18.8  | 18.4  | 18.4  | 17.4  | 16.2  | 16.2  | 15.8  | 13.4  | 13.6  | 13.2  | 13.0  |
| 80  |       |       |       | 15.6  | 14.2  | 16.8  | 17.0  | 16.2  | 16.4  | 15.4  | 14.4  | 14.4  | 14.0  | 11.6  | 11.8  | 11.6  | 11.2  |
| 85  |       |       |       | 14.2  | 13.0  | 14.8  | 15.2  | 14.2  | 14.6  | 13.6  | 12.6  | 12.8  | 12.4  | 10.0  | 10.2  | 10.0  | 9.8   |
| 90  |       |       |       |       | 12.2  | 13.2  | 13.4  | 12.4  | 12.8  | 12.0  | 11.2  | 11.4  | 11.0  | 8.8   | 8.8   | 8.6   | 8.4   |
| 95  |       |       |       |       | 8.4   | 11.6  | 12.0  | 11.0  | 11.4  | 10.4  | 9.8   | 10.0  | 9.8   | 7.4   | 7.6   | 7.4   | 7.2   |
| 100 |       |       |       |       |       | 10.2  | 10.6  | 9.6   | 10.0  | 9.2   | 8.4   | 8.8   | 8.6   | 6.4   | 6.6   | 6.4   | 6.0   |
| 105 |       |       |       |       |       | 9.0   | 9.4   | 8.4   | 8.8   | 8.0   | 7.2   | 7.6   | 7.4   | 5.4   | 5.6   | 5.4   | 5.0   |
| 110 |       |       |       |       |       | 8.0   | 8.4   | 7.4   | 7.6   | 6.8   | 6.2   | 6.4   | 6.2   | 4.4   | 4.6   | 4.4   | 4.2   |
| 115 |       |       |       |       |       | 7.0   | 7.4   | 6.4   | 6.6   | 5.8   | 5.2   | 5.6   | 5.4   | 3.4   | 3.8   | 3.6   | 3.4   |
| 120 |       |       |       |       |       |       | 6.4   | 5.4   | 5.8   | 5.0   | 4.2   | 4.6   | 4.4   | 2.4   | 2.8   | 2.8   | 2.6   |
| 125 |       |       |       |       |       |       | 5.2   | 4.6   | 5.0   | 4.2   | 3.4   | 3.8   | 3.6   |       | 2.0   | 2.0   | 1.8   |
| 130 |       |       |       |       |       |       |       | 4.0   | 4.2   | 3.4   | 2.8   | 3.0   | 2.8   |       |       |       |       |
| 135 |       |       |       |       |       |       |       | 3.2   | 3.6   | 2.8   | 2.0   | 2.4   | 2.2   |       |       |       |       |
| 140 |       |       |       |       |       |       |       | 2.6   | 3.0   | 2.2   |       | 1.8   |       |       |       |       |       |
| 145 |       |       |       |       |       |       |       |       | 2.4   |       |       |       |       |       |       |       |       |
| 150 |       |       |       |       |       |       |       |       | 1.8   |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.



# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



14,8 t  
(32,600 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 230.0 | 228.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 179.0 | 179.0 | 178.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 132.0 | 134.0 | 133.0 | 117.0 | 110.0 | 89.0  |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 101.0 | 103.0 | 96.0  | 93.0  | 86.0  | 82.0  | 76.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 70.0  | 76.0  | 76.0  | 72.0  | 71.0  | 66.0  | 61.0  | 57.0  | 50.0  | 33.8  |       |       |       |       |       |       |       |
| 35  |       | 58.0  | 59.0  | 60.0  | 57.0  | 53.0  | 49.0  | 46.0  | 44.0  | 40.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 46.0  | 48.0  | 49.0  | 47.0  | 43.6  | 44.0  | 37.6  | 36.0  | 35.0  | 34.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 36.4  | 39.6  | 40.4  | 39.4  | 36.6  | 37.2  | 33.4  | 30.0  | 33.4  | 32.4  | 26.8  | 28.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       | 25.6  | 32.6  | 33.6  | 33.4  | 31.0  | 31.6  | 31.2  | 26.2  | 30.2  | 28.6  | 26.2  | 26.6  | 24.2  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 27.2  | 28.2  | 28.0  | 26.6  | 28.6  | 27.6  | 24.4  | 26.2  | 25.0  | 24.6  | 24.0  | 21.4  | 21.0  | 18.8  | 18.0  |
| 60  |       |       | 23.0  | 23.8  | 23.6  | 24.4  | 25.4  | 24.2  | 23.0  | 23.0  | 22.6  | 21.6  | 21.0  | 18.4  | 18.4  | 18.0  | 17.8  |
| 65  |       |       | 19.6  | 20.4  | 20.2  | 22.8  | 22.4  | 21.2  | 21.2  | 20.2  | 20.0  | 18.8  | 18.4  | 15.8  | 16.0  | 15.6  | 15.2  |
| 70  |       |       |       | 17.4  | 17.2  | 20.0  | 19.8  | 18.8  | 18.8  | 17.8  | 17.6  | 16.6  | 16.2  | 13.8  | 13.8  | 13.6  | 13.2  |
| 75  |       |       |       | 15.0  | 14.8  | 17.4  | 17.2  | 16.6  | 16.6  | 15.6  | 15.6  | 14.6  | 14.2  | 11.8  | 12.0  | 11.6  | 11.4  |
| 80  |       |       |       | 13.4  | 13.8  | 15.2  | 15.0  | 14.6  | 14.8  | 13.8  | 13.8  | 12.8  | 12.6  | 10.2  | 10.4  | 10.0  | 9.8   |
| 85  |       |       |       |       | 13.0  | 13.4  | 13.2  | 12.6  | 13.0  | 12.2  | 12.2  | 11.4  | 11.0  | 8.6   | 8.8   | 8.6   | 8.4   |
| 90  |       |       |       |       | 11.6  | 11.8  | 11.6  | 11.0  | 11.4  | 10.6  | 10.8  | 10.0  | 9.6   | 7.4   | 7.6   | 7.4   | 7.0   |
| 95  |       |       |       |       | 8.0   | 10.4  | 10.2  | 9.6   | 10.0  | 9.2   | 9.4   | 8.8   | 8.4   | 6.2   | 6.4   | 6.2   | 6.0   |
| 100 |       |       |       |       |       | 9.0   | 8.8   | 8.4   | 8.8   | 8.0   | 8.2   | 7.6   | 7.4   | 5.2   | 5.4   | 5.2   | 4.8   |
| 105 |       |       |       |       |       | 7.8   | 7.8   | 7.2   | 7.6   | 6.8   | 7.0   | 6.4   | 6.2   | 4.2   | 4.4   | 4.2   | 4.0   |
| 110 |       |       |       |       |       | 6.8   | 6.6   | 6.2   | 6.6   | 5.8   | 6.0   | 5.4   | 5.2   | 3.2   | 3.6   | 3.4   | 3.2   |
| 115 |       |       |       |       |       | 6.0   | 5.8   | 5.2   | 5.6   | 4.8   | 5.0   | 4.4   | 4.2   | 2.4   | 2.6   | 2.6   | 2.4   |
| 120 |       |       |       |       |       |       | 5.0   | 4.4   | 4.8   | 4.0   | 4.2   | 3.6   | 3.4   |       | 1.8   | 1.8   |       |
| 125 |       |       |       |       |       |       | 4.2   | 3.6   | 4.0   | 3.2   | 3.4   | 2.8   | 2.6   |       |       |       |       |
| 130 |       |       |       |       |       |       | 3.6   | 3.0   | 3.4   | 2.6   | 2.8   | 2.2   | 2.0   |       |       |       |       |
| 135 |       |       |       |       |       |       |       | 2.4   | 2.6   | 1.8   | 2.2   |       |       |       |       |       |       |
| 140 |       |       |       |       |       |       |       | 1.8   | 2.0   |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.7 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



12,5 t  
(27,500 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 230.0 | 228.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 179.0 | 179.0 | 178.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 130.0 | 132.0 | 126.0 | 115.0 | 104.0 | 89.0  |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 94.0  | 97.0  | 94.0  | 88.0  | 81.0  | 79.0  | 73.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 65.0  | 70.0  | 71.0  | 67.0  | 66.0  | 61.0  | 56.0  | 53.0  | 50.0  | 33.8  |       |       |       |       |       |       |       |
| 35  | 50.0  | 54.0  | 55.0  | 56.0  | 53.0  | 49.0  | 48.0  | 42.4  | 40.6  | 39.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 42.0  | 45.0  | 46.0  | 43.6  | 40.4  | 40.8  | 35.6  | 33.2  | 33.8  | 32.6  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 33.4  | 36.6  | 37.4  | 36.4  | 33.8  | 34.4  | 33.4  | 28.0  | 32.4  | 30.6  | 26.8  | 27.8  | 24.2  | 21.0  | 18.8  | 18.0  |
| 50  |       |       | 30.0  | 30.8  | 32.2  | 28.6  | 30.8  | 29.4  | 26.2  | 27.8  | 26.4  | 26.2  | 24.6  | 22.6  | 21.0  | 18.8  | 18.0  |
| 55  |       |       | 25.0  | 25.8  | 27.6  | 24.2  | 26.6  | 25.4  | 24.4  | 24.0  | 23.8  | 22.6  | 22.0  | 19.4  | 19.4  | 18.8  | 18.0  |
| 60  |       |       | 20.8  | 23.2  | 23.6  | 20.8  | 23.4  | 22.2  | 22.0  | 21.0  | 20.8  | 19.6  | 19.2  | 16.6  | 16.6  | 16.2  | 15.8  |
| 65  |       |       | 15.2  | 20.0  | 20.2  | 19.2  | 20.8  | 19.4  | 19.4  | 18.4  | 18.2  | 17.2  | 16.8  | 14.2  | 14.2  | 14.0  | 13.6  |
| 70  |       |       |       | 17.2  | 17.4  | 17.8  | 18.6  | 17.0  | 17.0  | 16.0  | 16.0  | 15.0  | 14.6  | 12.0  | 12.2  | 12.0  | 11.6  |
| 75  |       |       |       | 15.0  | 15.0  | 16.2  | 16.2  | 15.0  | 15.0  | 14.0  | 14.0  | 13.0  | 12.8  | 10.4  | 10.4  | 10.2  | 9.8   |
| 80  |       |       |       | 13.2  | 13.6  | 14.2  | 14.2  | 13.0  | 13.4  | 12.4  | 12.4  | 11.4  | 11.0  | 8.8   | 9.0   | 8.6   | 8.4   |
| 85  |       |       |       | 11.4  | 11.8  | 12.4  | 12.4  | 11.2  | 11.6  | 10.8  | 10.8  | 10.0  | 9.6   | 7.4   | 7.6   | 7.4   | 7.0   |
| 90  |       |       |       |       | 10.4  | 11.0  | 10.8  | 9.8   | 10.2  | 9.2   | 9.6   | 8.8   | 8.4   | 6.2   | 6.4   | 6.2   | 5.8   |
| 95  |       |       |       |       | 6.8   | 9.6   | 9.4   | 8.4   | 8.8   | 8.0   | 8.2   | 7.6   | 7.2   | 5.0   | 5.2   | 5.0   | 4.8   |
| 100 |       |       |       |       |       | 8.4   | 8.2   | 7.2   | 7.6   | 6.8   | 7.0   | 6.4   | 6.2   | 4.0   | 4.2   | 4.0   | 3.8   |
| 105 |       |       |       |       |       | 7.2   | 7.2   | 6.2   | 6.4   | 5.6   | 6.0   | 5.2   | 5.2   | 3.0   | 3.4   | 3.2   | 2.8   |
| 110 |       |       |       |       |       | 5.8   | 6.2   | 5.2   | 5.6   | 4.6   | 5.0   | 4.4   | 4.2   | 2.2   | 2.6   | 2.4   | 2.0   |
| 115 |       |       |       |       |       | 5.0   | 5.2   | 4.2   | 4.6   | 3.8   | 4.0   | 3.4   | 3.2   |       |       |       |       |
| 120 |       |       |       |       |       |       | 4.6   | 3.6   | 3.8   | 3.0   | 3.4   | 2.6   | 2.4   |       |       |       |       |
| 125 |       |       |       |       |       |       |       | 2.8   | 3.2   | 2.2   | 2.6   | 2.0   | 1.8   |       |       |       |       |
| 130 |       |       |       |       |       |       |       | 2.2   | 2.4   |       | 2.0   |       |       |       |       |       |       |
| 135 |       |       |       |       |       |       |       |       | 1.8   |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



10,2 t  
(22,500 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 158.8 | 170.9 | 183.3 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 228.0 | 226.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 177.0 | 177.0 | 176.0 | 152.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 128.0 | 129.0 | 119.0 | 112.0 | 103.0 | 89.0  |       |       |       |       |       |       |       |       |       |       |
| 25  | 87.0  | 91.0  | 88.0  | 82.0  | 80.0  | 74.0  | 67.0  |       |       |       |       |       |       |       |       |       |
| 30  | 59.0  | 65.0  | 66.0  | 66.0  | 62.0  | 57.0  | 53.0  | 46.0  | 33.8  |       |       |       |       |       |       |       |
| 35  |       | 50.0  | 53.0  | 52.0  | 49.0  | 45.0  | 46.0  | 37.0  | 35.8  | 34.2  |       |       |       |       |       |       |
| 40  |       | 38.4  | 41.6  | 42.4  | 40.2  | 37.2  | 37.6  | 30.0  | 33.8  | 32.2  | 26.8  | 28.8  | 24.2  | 21.0  |       |       |
| 45  |       | 30.4  | 33.4  | 34.2  | 33.4  | 31.2  | 31.4  | 28.0  | 29.8  | 28.0  | 26.8  | 25.8  | 24.0  | 21.0  | 18.8  | 18.0  |
| 50  |       | 20.6  | 25.2  | 28.2  | 28.0  | 28.8  | 26.6  | 26.2  | 25.4  | 25.0  | 23.8  | 23.2  | 20.4  | 20.2  | 18.8  | 18.0  |
| 55  |       |       | 22.8  | 25.0  | 23.2  | 25.6  | 22.8  | 23.0  | 21.8  | 21.6  | 20.4  | 20.0  | 17.2  | 17.2  | 16.8  | 16.4  |
| 60  |       |       | 19.0  | 21.2  | 19.4  | 22.2  | 20.0  | 20.0  | 19.0  | 18.8  | 17.6  | 17.2  | 14.6  | 14.6  | 14.4  | 14.0  |
| 65  |       |       | 16.0  | 18.0  | 16.8  | 19.0  | 18.2  | 17.4  | 16.4  | 16.4  | 15.2  | 14.8  | 12.4  | 12.4  | 12.2  | 11.8  |
| 70  |       |       |       | 15.4  | 15.6  | 16.4  | 16.6  | 15.4  | 14.2  | 14.2  | 13.2  | 12.8  | 10.4  | 10.6  | 10.2  | 10.0  |
| 75  |       |       |       | 13.2  | 14.0  | 14.0  | 14.4  | 13.4  | 12.4  | 12.4  | 11.4  | 11.2  | 8.8   | 8.8   | 8.6   | 8.4   |
| 80  |       |       |       |       | 12.0  | 12.2  | 12.6  | 11.8  | 10.8  | 10.8  | 10.0  | 9.6   | 7.2   | 7.4   | 7.2   | 7.0   |
| 85  |       |       |       |       | 10.4  | 10.6  | 10.8  | 10.2  | 9.4   | 9.4   | 8.6   | 8.2   | 6.0   | 6.2   | 6.0   | 5.6   |
| 90  |       |       |       |       | 9.0   | 9.0   | 9.4   | 8.8   | 8.0   | 8.2   | 7.4   | 7.0   | 4.8   | 5.0   | 4.8   | 4.6   |
| 95  |       |       |       |       | 8.2   | 7.8   | 8.0   | 7.4   | 6.6   | 7.0   | 6.2   | 6.0   | 3.8   | 4.0   | 3.8   | 3.4   |
| 100 |       |       |       |       |       | 6.6   | 7.0   | 6.4   | 5.6   | 5.8   | 5.2   | 5.0   | 2.8   | 3.0   | 2.8   | 2.6   |
| 105 |       |       |       |       |       | 5.6   | 6.0   | 5.4   | 4.4   | 4.8   | 4.2   | 4.0   | 2.0   | 2.2   | 2.0   | 1.8   |
| 110 |       |       |       |       |       | 4.8   | 5.0   | 4.4   | 3.6   | 3.8   | 3.2   | 3.0   |       |       |       |       |
| 115 |       |       |       |       |       | 4.0   | 4.2   | 3.6   | 2.8   | 3.0   | 2.4   | 2.2   |       |       |       |       |
| 120 |       |       |       |       |       |       | 3.4   | 2.8   | 2.0   | 2.4   |       |       |       |       |       |       |
| 125 |       |       |       |       |       |       | 3.0   | 2.2   |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



7,9 t  
(17,400 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 166.6 | 182.2 | 188.0 | 194.3 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 228.0 | 226.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 174.0 | 175.0 | 168.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 125.0 | 121.0 | 111.0 | 106.0 | 96.0  | 89.0  |       |       |       |       |       |       |       |       |       |       |       |
| 25  | 80.0  | 86.0  | 82.0  | 76.0  | 74.0  | 68.0  | 62.0  |       |       |       |       |       |       |       |       |       |       |
| 30  | 54.0  | 61.0  | 61.0  | 61.0  | 57.0  | 52.0  | 52.0  | 44.0  | 42.2  | 33.8  |       |       |       |       |       |       |       |
| 35  |       | 45.0  | 49.0  | 48.0  | 45.0  | 41.6  | 41.8  | 38.0  | 33.4  | 33.8  | 32.6  |       |       |       |       |       |       |
| 40  |       | 34.8  | 37.8  | 38.8  | 36.6  | 33.8  | 35.6  | 34.0  | 29.8  | 32.0  | 30.2  | 26.8  | 27.8  | 24.2  | 21.0  |       |       |
| 45  |       | 27.2  | 30.2  | 31.2  | 30.4  | 27.8  | 30.2  | 28.6  | 28.0  | 27.0  | 26.6  | 25.2  | 24.6  | 21.6  | 21.0  | 18.8  | 18.0  |
| 50  |       | 19.0  | 25.0  | 27.2  | 25.2  | 24.2  | 25.6  | 24.4  | 24.2  | 23.0  | 22.6  | 21.4  | 20.8  | 18.0  | 18.0  | 17.6  | 17.2  |
| 55  |       |       | 20.4  | 22.8  | 20.8  | 22.4  | 23.2  | 21.0  | 20.8  | 19.6  | 19.4  | 18.2  | 17.8  | 15.0  | 15.2  | 14.8  | 14.4  |
| 60  |       |       | 16.8  | 19.0  | 19.2  | 20.4  | 20.2  | 18.0  | 18.0  | 16.8  | 16.8  | 15.6  | 15.2  | 12.6  | 12.8  | 12.4  | 12.0  |
| 65  |       |       | 11.8  | 16.2  | 16.8  | 17.6  | 17.4  | 15.6  | 15.6  | 14.6  | 14.4  | 13.4  | 13.0  | 10.6  | 10.6  | 10.4  | 10.0  |
| 70  |       |       |       | 13.6  | 14.4  | 15.0  | 14.8  | 13.6  | 13.6  | 12.6  | 12.6  | 11.6  | 11.2  | 8.8   | 9.0   | 8.6   | 8.4   |
| 75  |       |       |       | 11.6  | 12.4  | 13.0  | 12.8  | 11.8  | 11.8  | 10.8  | 10.8  | 9.8   | 9.6   | 7.2   | 7.4   | 7.2   | 6.8   |
| 80  |       |       |       | 6.0   | 10.6  | 11.2  | 11.0  | 10.0  | 10.2  | 9.4   | 9.4   | 8.4   | 8.2   | 5.8   | 6.0   | 5.8   | 5.4   |
| 85  |       |       |       |       | 9.0   | 9.6   | 9.4   | 8.4   | 8.8   | 8.0   | 8.0   | 7.2   | 6.8   | 4.6   | 4.8   | 4.6   | 4.2   |
| 90  |       |       |       |       | 7.6   | 8.2   | 8.0   | 7.0   | 7.4   | 6.6   | 6.8   | 6.0   | 5.8   | 3.4   | 3.8   | 3.6   | 3.2   |
| 95  |       |       |       |       | 4.2   | 7.0   | 6.8   | 5.8   | 6.2   | 5.4   | 5.6   | 5.0   | 4.6   | 2.4   | 2.8   | 2.6   | 2.2   |
| 100 |       |       |       |       |       | 6.0   | 5.8   | 4.8   | 5.2   | 4.4   | 4.6   | 4.0   | 3.8   |       | 1.8   |       |       |
| 105 |       |       |       |       |       | 5.0   | 4.8   | 3.8   | 4.2   | 3.4   | 3.6   | 3.0   | 2.8   |       |       |       |       |
| 110 |       |       |       |       |       | 4.0   | 4.0   | 3.0   | 3.4   | 2.6   | 2.8   | 2.2   | 2.0   |       |       |       |       |
| 115 |       |       |       |       |       | 2.8   | 3.2   | 2.2   | 2.6   | 1.8   | 2.0   |       |       |       |       |       |       |
| 120 |       |       |       |       |       |       | 2.6   |       | 1.8   |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



5,6 t  
(12,340 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 151.0 | 158.8 | 178.6 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 228.0 | 226.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 171.0 | 172.0 | 160.0 | 141.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 118.0 | 113.0 | 107.0 | 98.0  | 90.0  | 86.0  |       |       |       |       |       |       |       |       |       |       |
| 25  | 73.0  | 79.0  | 75.0  | 74.0  | 69.0  | 63.0  | 57.0  |       |       |       |       |       |       |       |       |       |
| 30  | 48.0  | 55.0  | 58.0  | 55.0  | 52.0  | 48.0  | 48.0  | 39.8  | 38.0  |       |       |       |       |       |       |       |
| 35  | 36.2  | 41.0  | 44.0  | 43.6  | 41.2  | 37.8  | 38.6  | 37.4  | 31.6  | 28.4  |       |       |       |       |       |       |
| 40  |       | 31.2  | 34.2  | 35.2  | 33.2  | 34.0  | 32.6  | 30.8  | 29.8  | 28.4  | 26.8  | 23.0  | 23.0  | 21.0  |       |       |
| 45  |       | 24.2  | 27.2  | 29.6  | 27.4  | 28.8  | 27.8  | 25.8  | 25.6  | 24.0  | 22.6  | 22.0  | 19.0  | 19.0  | 18.6  | 18.0  |
| 50  |       | 16.2  | 22.2  | 24.6  | 22.6  | 24.4  | 24.4  | 21.8  | 21.6  | 20.2  | 19.0  | 18.6  | 15.8  | 15.8  | 15.4  | 15.0  |
| 55  |       |       | 18.0  | 20.2  | 20.0  | 20.8  | 20.8  | 18.6  | 18.6  | 17.2  | 16.2  | 15.6  | 13.0  | 13.0  | 12.8  | 12.4  |
| 60  |       |       | 14.6  | 17.0  | 17.8  | 17.8  | 18.0  | 16.0  | 16.0  | 14.8  | 13.8  | 13.2  | 10.8  | 10.8  | 10.6  | 10.2  |
| 65  |       |       | 9.8   | 14.2  | 15.0  | 15.0  | 15.4  | 13.6  | 13.8  | 12.6  | 11.6  | 11.2  | 8.8   | 9.0   | 8.6   | 8.4   |
| 70  |       |       |       | 11.8  | 12.6  | 12.8  | 13.0  | 11.8  | 11.8  | 10.8  | 9.8   | 9.4   | 7.0   | 7.2   | 7.0   | 6.6   |
| 75  |       |       |       | 9.8   | 10.6  | 10.8  | 11.0  | 10.0  | 10.2  | 9.2   | 8.4   | 8.0   | 5.6   | 5.8   | 5.6   | 5.2   |
| 80  |       |       |       | 7.0   | 9.0   | 9.0   | 9.4   | 8.4   | 8.8   | 7.8   | 7.0   | 6.6   | 4.4   | 4.6   | 4.4   | 4.0   |
| 85  |       |       |       |       | 7.6   | 7.6   | 8.0   | 7.0   | 7.4   | 6.6   | 5.8   | 5.4   | 3.2   | 3.4   | 3.2   | 3.0   |
| 90  |       |       |       |       | 6.2   | 6.4   | 6.6   | 5.6   | 6.0   | 5.4   | 4.6   | 4.4   | 2.2   | 2.4   | 2.2   | 2.0   |
| 95  |       |       |       |       | 3.0   | 5.2   | 5.6   | 4.6   | 5.0   | 4.4   | 3.8   | 3.4   |       |       |       |       |
| 100 |       |       |       |       |       | 4.2   | 4.6   | 3.6   | 4.0   | 3.4   | 2.8   | 2.6   |       |       |       |       |
| 105 |       |       |       |       |       | 3.4   | 3.6   | 2.6   | 3.0   | 2.4   | 1.8   |       |       |       |       |       |
| 110 |       |       |       |       |       | 2.6   | 2.8   | 1.8   | 2.2   |       |       |       |       |       |       |       |
| 115 |       |       |       |       |       | 1.8   | 2.2   |       |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load charts

## Telescopic boom



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



3,3 t  
(7,275 lb)



lb x 1000

| ft  | 42.5  | 58.1  | 73.8  | 89.2  | 101.4 | 119.4 | 133.9 | 151.0 | 163.0 | 178.6 | 188.0 | 194.7 | 206.8 | 215.9 | 222.0 | 225.4 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10  | 226.0 | 224.0 | 151.0 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15  | 165.0 | 163.0 | 146.0 | 127.0 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20  | 97.0  | 99.0  | 91.0  | 86.0  | 80.0  | 72.0  |       |       |       |       |       |       |       |       |       |       |
| 25  | 58.0  | 66.0  | 65.0  | 62.0  | 57.0  | 52.0  | 46.0  |       |       |       |       |       |       |       |       |       |
| 30  | 38.0  | 45.0  | 48.0  | 46.0  | 42.6  | 41.2  | 39.0  | 38.0  | 32.0  |       |       |       |       |       |       |       |
| 35  | 27.6  | 32.6  | 35.8  | 36.2  | 33.4  | 34.2  | 33.0  | 30.4  | 29.8  | 27.8  |       |       |       |       |       |       |
| 40  |       | 24.2  | 27.8  | 30.2  | 26.6  | 28.8  | 27.8  | 24.8  | 24.4  | 22.6  | 21.4  | 19.4  | 17.6  | 17.6  |       |       |
| 45  |       | 18.2  | 21.6  | 24.0  | 24.0  | 24.0  | 23.0  | 20.6  | 20.4  | 18.8  | 17.6  | 17.0  | 14.2  | 14.2  | 13.8  | 13.4  |
| 50  |       | 14.2  | 17.0  | 19.2  | 20.2  | 20.2  | 19.4  | 17.0  | 17.0  | 15.6  | 14.4  | 14.0  | 11.2  | 11.4  | 11.0  | 10.6  |
| 55  |       |       | 13.4  | 15.6  | 16.4  | 17.0  | 16.4  | 14.2  | 14.2  | 13.0  | 12.0  | 11.6  | 9.0   | 9.0   | 8.8   | 8.4   |
| 60  |       |       | 10.4  | 12.6  | 13.6  | 14.2  | 13.8  | 12.0  | 12.0  | 10.8  | 9.8   | 9.4   | 7.0   | 7.2   | 6.8   | 6.6   |
| 65  |       |       | 6.0   | 10.4  | 11.2  | 11.6  | 11.6  | 10.0  | 10.0  | 9.0   | 8.0   | 7.8   | 5.2   | 5.4   | 5.2   | 4.8   |
| 70  |       |       |       | 8.4   | 9.2   | 9.6   | 9.6   | 8.4   | 8.4   | 7.4   | 6.6   | 6.2   | 3.8   | 4.0   | 3.8   | 3.4   |
| 75  |       |       |       | 6.6   | 7.4   | 8.0   | 7.8   | 6.8   | 7.0   | 6.0   | 5.2   | 4.8   | 2.4   | 2.6   | 2.4   | 2.2   |
| 80  |       |       |       |       | 6.0   | 6.6   | 6.4   | 5.4   | 5.8   | 4.8   | 4.0   | 3.6   |       |       |       |       |
| 85  |       |       |       |       | 4.8   | 5.2   | 5.2   | 4.2   | 4.6   | 3.8   | 2.8   | 2.6   |       |       |       |       |
| 90  |       |       |       |       | 3.6   | 4.2   | 4.0   | 3.0   | 3.4   | 2.8   | 2.0   |       |       |       |       |       |
| 95  |       |       |       |       |       | 3.2   | 3.0   | 2.0   | 2.4   | 1.8   |       |       |       |       |       |       |
| 100 |       |       |       |       |       | 2.4   | 2.2   |       |       |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.



13,0 m - 68,7 m  
(42.5 ft - 225.4 ft)



7,6 m  
(25.0 ft)



360°



1,0 t  
(2,205 lb)



lb x 1000

| ft | 42.5  | 58.1  | 73.8  | 89.2  | 104.7 | 119.4 | 133.9 | 146.0 | 158.8 | 170.9 | 188.0 | 195.2 | 206.8 | 215.9 | 222.0 | 225.4 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10 | 227.1 | 227.1 | 211.7 |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 15 | 165.2 | 157.8 | 140.1 | 127.2 |       |       |       |       |       |       |       |       |       |       |       |       |
| 20 | 100.3 | 101.4 | 93.7  | 86.0  | 81.6  | 72.8  | 43.9  |       |       |       |       |       |       |       |       |       |
| 25 | 58.5  | 65.8  | 64.1  | 61.3  | 56.4  | 51.6  | 51.2  | 43.6  |       |       |       |       |       |       |       |       |
| 30 | 39.2  | 46.3  | 48.5  | 46.3  | 46.3  | 41.5  | 41.0  | 38.8  | 33.7  | 29.3  |       |       |       |       |       |       |
| 35 |       | 32.6  | 35.9  | 37.0  | 36.0  | 34.1  | 33.4  | 30.3  | 29.6  | 27.3  | 25.5  |       |       |       |       |       |
| 40 |       | 24.1  | 27.6  | 30.2  | 29.4  | 28.7  | 27.8  | 24.8  | 24.4  | 22.6  | 21.3  | 20.7  | 17.6  | 17.4  |       |       |
| 45 |       | 18.2  | 21.6  | 23.9  | 24.5  | 24.0  | 23.1  | 20.4  | 20.3  | 18.8  | 17.4  | 16.9  | 14.1  | 14.1  | 14.0  | 13.6  |
| 50 |       |       | 17.0  | 19.2  | 20.1  | 20.2  | 19.3  | 16.9  | 16.9  | 15.6  | 14.4  | 13.9  | 11.3  | 11.3  | 11.3  | 10.9  |
| 55 |       |       | 13.5  | 15.7  | 16.7  | 17.0  | 16.4  | 14.3  | 14.3  | 13.0  | 12.1  | 11.5  | 8.9   | 9.1   | 9.1   | 8.7   |
| 60 |       |       |       | 12.8  | 13.7  | 14.1  | 13.9  | 12.0  | 12.0  | 10.9  | 9.8   | 9.4   | 7.0   | 7.2   | 7.2   | 6.7   |
| 65 |       |       |       | 10.2  | 11.3  | 11.8  | 11.5  | 10.0  | 10.0  | 9.0   | 8.1   | 7.7   | 5.3   | 5.5   | 5.5   | 5.1   |
| 70 |       |       |       | 8.3   | 9.3   | 9.7   | 9.6   | 8.4   | 8.4   | 7.5   | 6.6   | 6.2   | 3.7   | 4.0   | 4.0   | 3.7   |
| 75 |       |       |       | 6.6   | 7.5   | 8.0   | 8.0   | 6.9   | 7.0   | 6.1   | 5.2   | 4.8   | 1.8   | 2.6   | 2.6   |       |
| 80 |       |       |       |       | 6.1   | 6.5   | 6.5   | 5.4   | 5.7   | 4.8   | 3.9   | 3.7   |       |       |       |       |
| 85 |       |       |       |       | 4.9   | 5.3   | 5.1   | 4.0   | 4.4   | 3.7   | 2.9   | 2.4   |       |       |       |       |
| 90 |       |       |       |       | 3.7   | 4.2   | 4.1   | 3.0   | 3.5   | 2.8   |       |       |       |       |       |       |
| 95 |       |       |       |       | 2.8   | 3.2   | 3.1   | 1.4   | 2.5   |       |       |       |       |       |       |       |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Working range

Main boom and bi-fold swingaway

## Working range



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



9,6 / 16,2  
(31.5 / 53.1 ft)



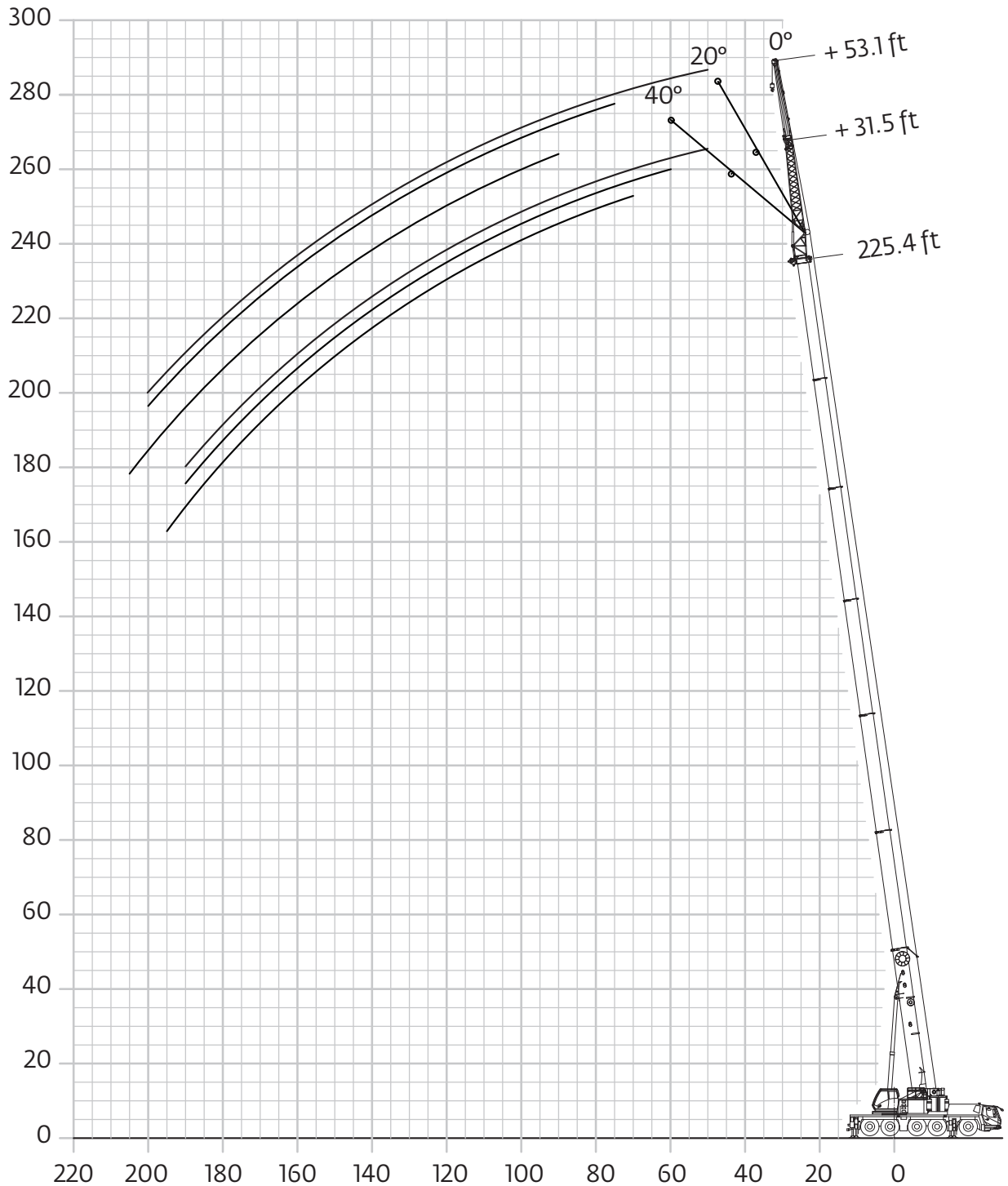
7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)



# Load chart

## Main boom and bi-fold swingaway

### Swingaway (hydraulic luffing)



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



9,6 m  
(31.5 ft)



7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)



lb x 1000

| ft  | 158.6 - 166.6 |        |         | 194.7-195.2 |        |         | 225.4 |        |         | ft  |
|-----|---------------|--------|---------|-------------|--------|---------|-------|--------|---------|-----|
| ft  | 31.5          |        |         | 31.5        |        |         | 31.5  |        |         | ft  |
|     | 0°            | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° | 0°    | 0°-20° | 20°-40° |     |
| 35  | 25.6          |        |         |             |        |         |       |        |         | 35  |
| 40  | 25.2          |        |         | 17.0        |        |         |       |        |         | 40  |
| 45  | 24.6          | 16.6   |         | 17.0        |        |         |       |        |         | 45  |
| 50  | 24.2          | 16.4   | 13.4    | 17.0        |        |         | 10.8  |        |         | 50  |
| 55  | 23.8          | 16.0   | 13.2    | 17.0        | 16.2   |         | 10.8  |        |         | 55  |
| 60  | 23.4          | 15.4   | 13.0    | 17.0        | 16.0   | 12.8    | 10.8  | 10.8   |         | 60  |
| 65  | 22.8          | 15.0   | 12.8    | 16.8        | 15.6   | 12.6    | 10.8  | 10.8   |         | 65  |
| 70  | 22.4          | 14.4   | 12.6    | 16.8        | 15.2   | 12.6    | 10.8  | 10.8   | 10.0    | 70  |
| 75  | 22.0          | 14.0   | 12.4    | 16.6        | 14.8   | 12.4    | 10.8  | 10.8   | 10.0    | 75  |
| 80  | 21.2          | 13.8   | 12.2    | 16.4        | 14.4   | 12.4    | 10.8  | 10.8   | 10.0    | 80  |
| 85  | 20.2          | 13.4   | 12.0    | 16.4        | 14.2   | 12.4    | 10.8  | 10.8   | 10.0    | 85  |
| 90  | 19.2          | 13.0   | 12.0    | 15.6        | 13.8   | 12.2    | 10.8  | 10.8   | 9.8     | 90  |
| 95  | 18.2          | 12.8   | 11.8    | 14.8        | 13.4   | 12.0    | 10.8  | 10.8   | 9.8     | 95  |
| 100 | 17.4          | 12.4   | 11.6    | 14.0        | 13.2   | 12.0    | 10.8  | 10.8   | 9.8     | 100 |
| 105 | 16.6          | 12.2   | 11.6    | 13.2        | 12.8   | 11.8    | 10.8  | 10.8   | 9.8     | 105 |
| 110 | 15.6          | 11.8   | 11.4    | 12.6        | 12.6   | 11.8    | 10.2  | 10.2   | 9.8     | 110 |
| 115 | 14.0          | 11.2   | 11.2    | 11.8        | 11.8   | 11.6    | 9.8   | 9.8    | 9.8     | 115 |
| 120 | 12.6          | 10.6   | 10.6    | 11.2        | 11.2   | 11.2    | 9.2   | 9.2    | 9.2     | 120 |
| 125 | 11.4          | 10.0   | 10.0    | 10.6        | 10.6   | 10.6    | 8.8   | 8.8    | 8.8     | 125 |
| 130 | 10.2          | 9.4    | 9.4     | 10.0        | 10.0   | 10.0    | 8.2   | 8.2    | 8.2     | 130 |
| 135 | 9.2           | 9.0    | 9.0     | 9.6         | 9.6    | 9.6     | 7.8   | 7.8    | 7.8     | 135 |
| 140 | 8.4           | 8.4    | 8.4     | 8.8         | 8.8    | 9.0     | 7.4   | 7.4    | 7.4     | 140 |
| 145 | 8.0           | 8.0    | 8.0     | 7.8         | 7.8    | 8.4     | 7.0   | 7.0    | 7.0     | 145 |
| 150 | 7.4           | 7.4    | 7.4     | 7.4         | 7.4    | 7.4     | 6.6   | 6.6    | 6.6     | 150 |
| 155 | 7.0           | 7.0    | 7.0     | 7.0         | 7.0    | 7.0     | 6.2   | 6.2    | 6.2     | 155 |
| 160 | 6.6           | 6.6    |         | 6.6         | 6.6    | 6.6     | 5.8   | 5.8    | 5.8     | 160 |
| 165 | 6.4           | 6.4    |         | 6.0         | 6.0    | 6.2     | 5.0   | 5.0    | 5.4     | 165 |
| 170 | 6.0           | 6.0    |         | 5.4         | 5.4    | 5.8     | 4.4   | 4.4    | 4.8     | 170 |
| 175 | 5.6           | 5.6    |         | 4.8         | 4.8    | 5.0     | 3.8   | 3.8    | 4.2     | 175 |
| 180 | 5.4           | 5.2    |         | 4.2         | 4.2    | 4.4     | 3.2   | 3.2    | 3.6     | 180 |
| 185 | 5.0           |        |         | 3.6         | 3.6    |         | 2.6   | 2.6    | 3.0     | 185 |
| 190 |               |        |         | 3.2         | 3.2    |         | 2.2   | 2.2    | 2.4     | 190 |
| 195 |               |        |         | 2.6         | 2.6    |         |       |        | 2.0     | 195 |
| 200 |               |        |         | 2.2         | 2.2    |         |       |        |         | 200 |
| 205 |               |        |         | 1.8         | 1.8    |         |       |        |         | 205 |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Load chart

## Main boom and bi-fold swingaway

### Swingaway (hydraulic luffing)



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



16,2 m  
(53.1 ft)



7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)



lb x 1000

| ft  | 158.6 - 166.6 |        |         | 194.7-195.2 |        |         | 225.4 |        |         | ft  |
|-----|---------------|--------|---------|-------------|--------|---------|-------|--------|---------|-----|
|     | 53.1          |        |         | 53.1        |        |         | 53.1  |        |         |     |
|     | 0°            | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° | 0°    | 0°-20° | 20°-40° |     |
| 40  | 13.4          |        |         |             |        |         |       |        |         | 40  |
| 45  | 13.2          |        |         | 10.4        |        |         |       |        |         | 45  |
| 50  | 13.0          |        |         | 10.2        |        |         | 7.4   |        |         | 50  |
| 55  | 12.8          | 8.2    |         | 10.2        |        |         | 7.4   |        |         | 55  |
| 60  | 12.6          | 7.8    |         | 10.2        |        |         | 7.4   |        |         | 60  |
| 65  | 12.4          | 7.6    |         | 10.0        |        |         | 7.4   |        |         | 65  |
| 70  | 12.2          | 7.4    | 6.0     | 10.0        | 7.6    |         | 7.4   |        |         | 70  |
| 75  | 12.0          | 7.0    | 5.8     | 9.8         | 7.4    | 6.0     | 7.4   | 7.4    |         | 75  |
| 80  | 11.8          | 6.8    | 5.8     | 9.8         | 7.2    | 5.8     | 7.4   | 7.2    |         | 80  |
| 85  | 11.6          | 6.6    | 5.6     | 9.8         | 7.0    | 5.8     | 7.4   | 7.2    |         | 85  |
| 90  | 11.4          | 6.4    | 5.6     | 9.6         | 6.8    | 5.6     | 7.4   | 7.2    | 5.6     | 90  |
| 95  | 11.0          | 6.2    | 5.4     | 9.6         | 6.6    | 5.6     | 7.4   | 7.0    | 5.6     | 95  |
| 100 | 10.6          | 6.0    | 5.4     | 9.4         | 6.4    | 5.6     | 7.4   | 6.8    | 5.6     | 100 |
| 105 | 10.2          | 5.8    | 5.2     | 9.4         | 6.2    | 5.4     | 7.4   | 6.6    | 5.6     | 105 |
| 110 | 10.0          | 5.8    | 5.2     | 9.4         | 6.0    | 5.4     | 7.4   | 6.4    | 5.4     | 110 |
| 115 | 9.6           | 5.6    | 5.2     | 9.2         | 6.0    | 5.2     | 7.4   | 6.2    | 5.4     | 115 |
| 120 | 9.2           | 5.4    | 5.0     | 9.2         | 5.8    | 5.2     | 7.4   | 6.2    | 5.4     | 120 |
| 125 | 9.0           | 5.2    | 5.0     | 9.0         | 5.6    | 5.2     | 7.4   | 6.0    | 5.2     | 125 |
| 130 | 8.6           | 5.2    | 5.0     | 9.0         | 5.6    | 5.0     | 7.4   | 5.8    | 5.2     | 130 |
| 135 | 8.4           | 5.0    | 5.0     | 9.0         | 5.4    | 5.0     | 7.4   | 5.8    | 5.2     | 135 |
| 140 | 8.0           | 5.0    | 4.8     | 8.6         | 5.2    | 5.0     | 7.0   | 5.6    | 5.0     | 140 |
| 145 | 7.8           | 4.8    | 4.8     | 8.2         | 5.2    | 5.0     | 6.8   | 5.4    | 5.0     | 145 |
| 150 | 7.6           | 4.8    | 4.8     | 7.8         | 5.0    | 5.0     | 6.4   | 5.4    | 5.0     | 150 |
| 155 | 7.0           | 4.6    | 4.6     | 7.0         | 5.0    | 4.8     | 6.0   | 5.2    | 5.0     | 155 |
| 160 | 6.6           | 4.6    | 4.6     | 6.6         | 4.8    | 4.8     | 5.6   | 5.2    | 5.0     | 160 |
| 165 | 6.2           | 4.4    | 4.4     | 6.2         | 4.8    | 4.8     | 5.4   | 5.0    | 4.8     | 165 |
| 170 | 6.0           | 4.4    | 4.4     | 5.8         | 4.8    | 4.8     | 5.0   | 5.0    | 4.8     | 170 |
| 175 | 5.6           | 4.2    | 4.4     | 5.4         | 4.6    | 4.6     | 4.6   | 4.6    | 4.8     | 175 |
| 180 | 5.4           | 4.0    | 4.4     | 5.0         | 4.6    | 4.6     | 4.0   | 4.0    | 4.4     | 180 |
| 185 | 5.0           | 4.0    |         | 4.4         | 4.4    | 4.4     | 3.4   | 3.4    | 4.2     | 185 |
| 190 | 4.8           | 3.8    |         | 4.0         | 4.0    | 4.4     | 2.8   | 2.8    | 3.6     | 190 |
| 195 | 4.4           | 3.8    |         | 3.4         | 3.4    | 4.0     | 2.4   | 2.4    | 3.0     | 195 |
| 200 | 4.2           | 3.6    |         | 3.0         | 3.0    | 3.4     | 1.8   | 1.8    | 2.6     | 200 |
| 205 | 4.0           |        |         | 2.6         | 2.6    | 1.8     |       |        | 2.0     | 205 |
| 210 |               |        |         | 2.2         | 2.2    |         |       |        |         | 210 |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Working range

Main boom and bi-fold swingaway

## Working range



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



9,6 / 16,2 / 24,2 m  
(31.5 / 53.1 / 79.4 ft)



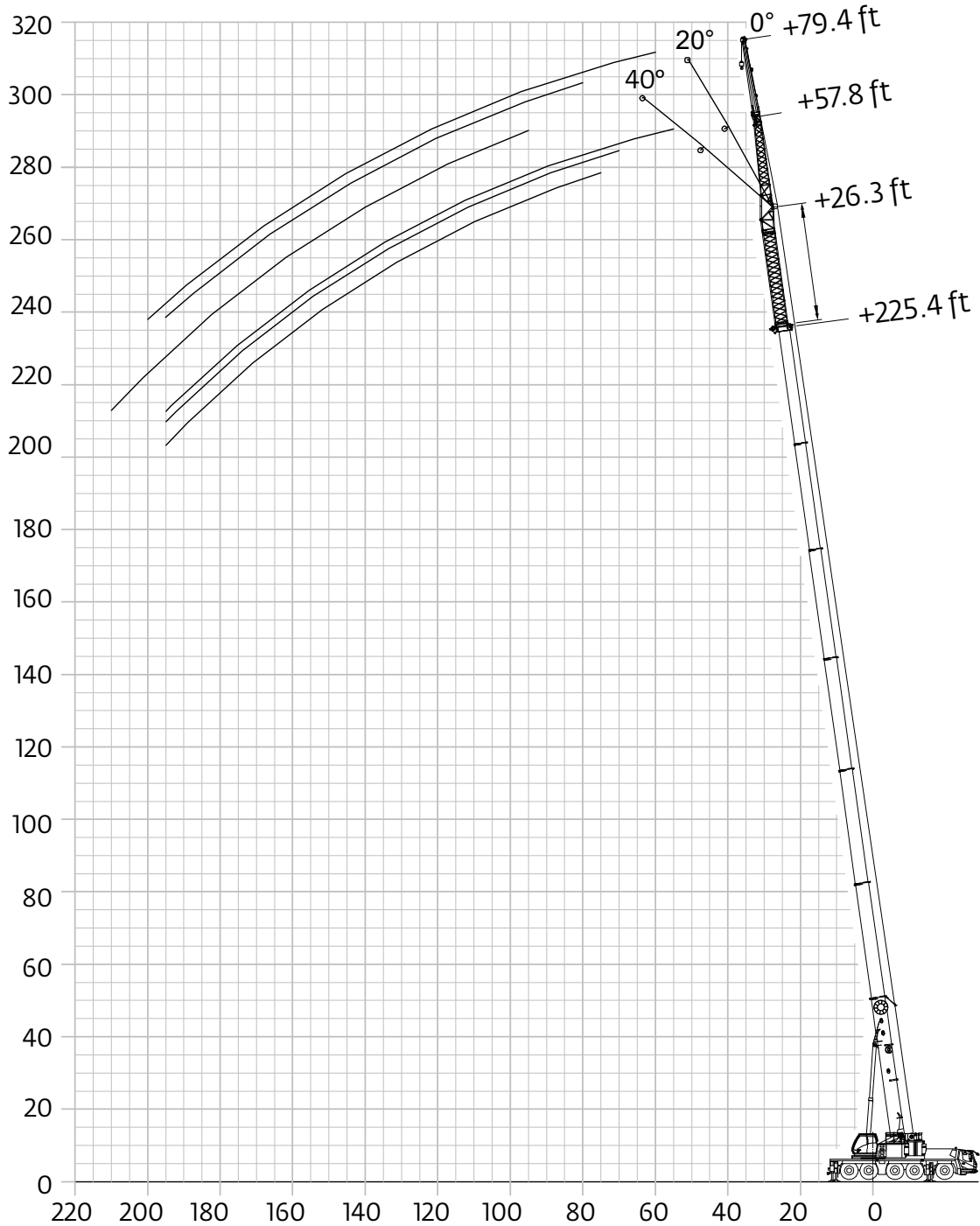
7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)





# Load chart

## Main boom and bi-fold swingaway + boom insert

### Swingaway (hydraulic luffing) + 8 m (26.3 ft.) boom insert



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



24,2 m  
(79.4 ft)



7,6 m  
(25.0 ft)



360°



44,5 t  
(98,100 lb)



lb x 1000

| ft  | 158.6 - 166.6 |        |         | 194.7-195.2 |        |         | 225.4       |        |         | ft  |
|-----|---------------|--------|---------|-------------|--------|---------|-------------|--------|---------|-----|
| ft  | 53.1 + 26.3   |        |         | 53.1 + 26.3 |        |         | 53.1 + 26.3 |        |         | ft  |
|     | 0°            | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° |     |
| 45  | 11.0          |        |         |             |        |         |             |        |         | 45  |
| 50  | 10.8          |        |         |             |        |         |             |        |         | 50  |
| 55  | 10.8          |        |         | 8.0         |        |         |             |        |         | 55  |
| 60  | 10.6          |        |         | 8.0         |        |         | 4.6         |        |         | 60  |
| 65  | 10.6          |        |         | 8.0         |        |         | 4.6         |        |         | 65  |
| 70  | 10.4          | 7.6    |         | 8.0         |        |         | 4.6         |        |         | 70  |
| 75  | 10.4          | 7.4    |         | 8.0         | 7.6    |         | 4.6         |        |         | 75  |
| 80  | 10.2          | 7.2    | 5.8     | 8.0         | 7.4    |         | 4.6         | 5.2    |         | 80  |
| 85  | 10.0          | 7.0    | 5.8     | 8.0         | 7.2    |         | 4.6         | 5.2    |         | 85  |
| 90  | 9.6           | 6.8    | 5.6     | 8.0         | 7.0    | 5.8     | 4.6         | 5.2    |         | 90  |
| 95  | 9.2           | 6.6    | 5.6     | 8.0         | 6.8    | 5.8     | 4.6         | 5.2    | 4.6     | 95  |
| 100 | 8.8           | 6.4    | 5.6     | 8.0         | 6.8    | 5.6     | 4.6         | 5.2    | 4.6     | 100 |
| 105 | 8.4           | 6.2    | 5.4     | 7.8         | 6.6    | 5.6     | 4.6         | 5.2    | 4.6     | 105 |
| 110 | 8.2           | 6.0    | 5.4     | 7.8         | 6.4    | 5.4     | 4.6         | 5.2    | 4.6     | 110 |
| 115 | 7.8           | 5.8    | 5.2     | 7.8         | 6.2    | 5.4     | 4.6         | 5.2    | 4.6     | 115 |
| 120 | 7.6           | 5.8    | 5.2     | 7.6         | 6.0    | 5.4     | 4.6         | 5.2    | 4.6     | 120 |
| 125 | 7.2           | 5.6    | 5.2     | 7.4         | 6.0    | 5.2     | 4.6         | 5.2    | 4.6     | 125 |
| 130 | 7.0           | 5.4    | 5.0     | 7.2         | 5.8    | 5.2     | 4.6         | 5.2    | 4.6     | 130 |
| 135 | 6.8           | 5.4    | 5.0     | 7.0         | 5.6    | 5.2     | 4.6         | 5.2    | 4.6     | 135 |
| 140 | 6.4           | 5.2    | 5.0     | 6.8         | 5.6    | 5.0     | 4.6         | 5.2    | 4.6     | 140 |
| 145 | 6.2           | 5.2    | 5.0     | 6.6         | 5.4    | 5.0     | 4.6         | 5.2    | 4.6     | 145 |
| 150 | 6.0           | 5.0    | 4.8     | 6.4         | 5.4    | 5.0     | 4.6         | 5.2    | 4.6     | 150 |
| 155 | 5.8           | 5.0    | 4.8     | 6.2         | 5.2    | 5.0     | 4.6         | 5.2    | 4.6     | 155 |
| 160 | 5.6           | 4.8    | 4.8     | 6.0         | 5.2    | 5.0     | 4.6         | 5.2    | 4.6     | 160 |
| 165 | 5.6           | 4.8    | 4.8     | 5.8         | 5.0    | 4.8     | 4.6         | 5.0    | 4.6     | 165 |
| 170 | 5.4           | 4.6    | 4.6     | 5.2         | 5.0    | 4.8     | 4.4         | 4.6    | 4.6     | 170 |
| 175 | 4.8           | 4.6    | 4.6     | 4.8         | 4.8    | 4.8     | 4.0         | 4.4    | 4.4     | 175 |
| 180 | 4.6           | 4.6    | 4.6     | 4.6         | 4.8    | 4.8     | 3.8         | 4.0    | 4.2     | 180 |
| 185 | 4.4           | 4.4    | 4.4     | 4.4         | 4.4    | 4.6     | 3.4         | 3.4    | 3.8     | 185 |
| 190 | 4.2           | 4.2    | 4.2     | 4.0         | 4.0    | 4.2     | 2.8         | 2.8    | 3.6     | 190 |
| 195 | 4.0           | 4.0    | 4.0     | 3.6         | 3.6    | 4.0     | 2.4         | 2.4    | 3.2     | 195 |
| 200 | 3.6           | 3.8    | 3.8     | 3.0         | 3.0    | 3.6     | 2.0         | 2.0    | 2.6     | 200 |
| 205 | 3.4           | 3.6    |         | 2.6         | 2.6    | 3.2     |             |        | 2.2     | 205 |
| 210 | 3.2           | 3.4    |         | 2.2         | 2.2    | 2.8     |             |        | 1.8     | 210 |
| 215 | 3.0           | 3.0    |         | 1.8         | 1.8    | 2.2     |             |        |         | 215 |
| 220 | 2.8           | 2.8    |         |             |        | 1.8     |             |        |         | 220 |
| 225 | 2.6           | 2.6    |         |             |        |         |             |        |         | 225 |
| 230 | 2.4           |        |         |             |        |         |             |        |         | 230 |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Working range

Main boom and bi-fold swingaway + jib insert

## Working range



13,0 - 68,7 m  
(42.5 ft - 225.4 ft)



22,2 m  
(72.8 ft)



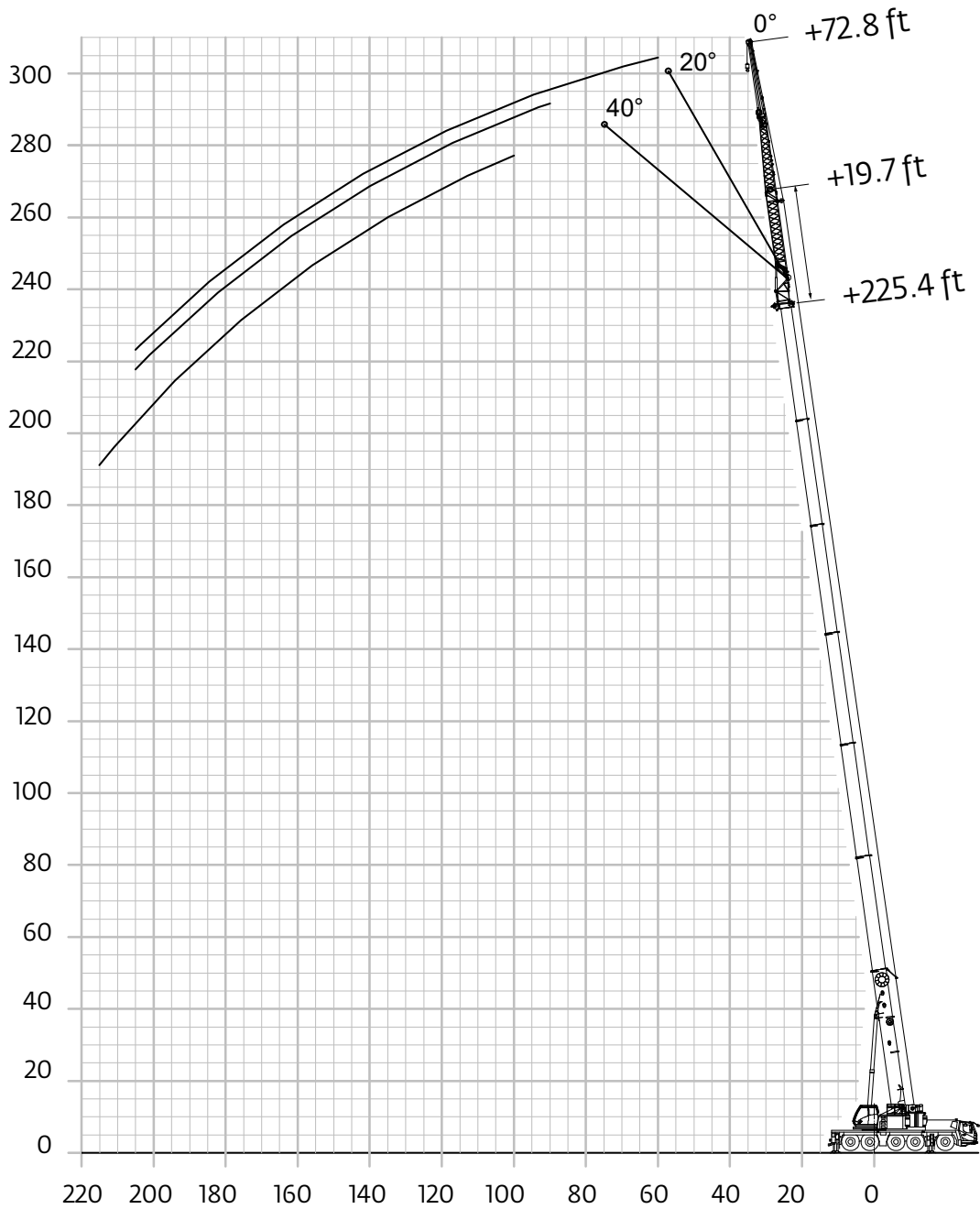
7,6 m  
(25.0 ft)



360°








44,5 t  
(98,100 lb)





# Load chart

## Main boom and bi-fold swingaway + jib insert

### Swingaway (hydraulic luffing) + 6 m (19.7 ft) jib insert

 13,0 - 68,7 m (42.5 ft - 225.4 ft)
  22,2 m (72.8 ft)
  7,6 m (25.0 ft)
  360°
  44,5 t (98,100 lb)


 lb x 1000

| ft  | 158.6 - 166.6 |        |         | 194.7-195.2 |        |         | 225.4       |        |         | ft  |
|-----|---------------|--------|---------|-------------|--------|---------|-------------|--------|---------|-----|
|     | 53.1 + 19.7   |        |         | 53.1 + 19.7 |        |         | 53.1 + 19.7 |        |         |     |
| ft  | 0°            | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° | 0°          | 0°-20° | 20°-40° | ft  |
| 45  | 9.4           |        |         |             |        |         |             |        |         | 45  |
| 50  | 9.2           |        |         | 7.2         |        |         |             |        |         | 50  |
| 55  | 9.0           |        |         | 7.2         |        |         |             |        |         | 55  |
| 60  | 9.0           |        |         | 7.2         |        |         | 5.2         |        |         | 60  |
| 65  | 8.8           |        |         | 7.0         |        |         | 5.2         |        |         | 65  |
| 70  | 8.6           | 5.0    |         | 7.0         |        |         | 5.2         |        |         | 70  |
| 75  | 8.6           | 4.8    |         | 7.0         | 5.0    |         | 5.2         |        |         | 75  |
| 80  | 8.4           | 4.6    |         | 6.8         | 4.8    |         | 5.2         |        |         | 80  |
| 85  | 8.4           | 4.4    |         | 6.8         | 4.6    |         | 5.2         |        |         | 85  |
| 90  | 8.2           | 4.2    | 3.4     | 6.8         | 4.4    |         | 5.2         | 4.6    |         | 90  |
| 95  | 8.0           | 4.0    | 3.4     | 6.6         | 4.4    | 3.4     | 5.2         | 4.6    |         | 95  |
| 100 | 8.0           | 4.0    | 3.4     | 6.6         | 4.2    | 3.4     | 5.2         | 4.4    | 3.4     | 100 |
| 105 | 7.8           | 3.8    | 3.2     | 6.6         | 4.0    | 3.4     | 5.2         | 4.2    | 3.4     | 105 |
| 110 | 7.6           | 3.6    | 3.2     | 6.4         | 3.8    | 3.2     | 5.2         | 4.2    | 3.4     | 110 |
| 115 | 7.2           | 3.6    | 3.2     | 6.4         | 3.8    | 3.2     | 5.2         | 4.0    | 3.2     | 115 |
| 120 | 7.0           | 3.4    | 3.0     | 6.4         | 3.6    | 3.2     | 5.0         | 3.8    | 3.2     | 120 |
| 125 | 6.6           | 3.4    | 3.0     | 6.2         | 3.6    | 3.0     | 5.0         | 3.8    | 3.2     | 125 |
| 130 | 6.4           | 3.2    | 3.0     | 6.2         | 3.4    | 3.0     | 5.0         | 3.6    | 3.2     | 130 |
| 135 | 6.2           | 3.2    | 3.0     | 6.2         | 3.4    | 3.0     | 5.0         | 3.6    | 3.0     | 135 |
| 140 | 6.0           | 3.0    | 2.8     | 6.0         | 3.2    | 3.0     | 5.0         | 3.4    | 3.0     | 140 |
| 145 | 5.8           | 3.0    | 2.8     | 6.0         | 3.2    | 3.0     | 5.0         | 3.4    | 3.0     | 145 |
| 150 | 5.6           | 2.8    | 2.8     | 6.0         | 3.0    | 2.8     | 5.0         | 3.4    | 3.0     | 150 |
| 155 | 5.4           | 2.8    | 2.8     | 5.8         | 3.0    | 2.8     | 4.8         | 3.2    | 2.8     | 155 |
| 160 | 5.2           | 2.8    | 2.8     | 5.6         | 3.0    | 2.8     | 4.8         | 3.2    | 2.8     | 160 |
| 165 | 5.0           | 2.6    | 2.6     | 5.6         | 2.8    | 2.8     | 4.8         | 3.0    | 2.8     | 165 |
| 170 | 4.8           | 2.6    | 2.6     | 5.4         | 2.8    | 2.8     | 4.8         | 3.0    | 2.8     | 170 |
| 175 | 4.8           | 2.6    | 2.6     | 5.0         | 2.8    | 2.8     | 4.4         | 3.0    | 2.8     | 175 |
| 180 | 4.6           | 2.4    | 2.6     | 4.8         | 2.6    | 2.6     | 4.2         | 2.8    | 2.8     | 180 |
| 185 | 4.4           | 2.4    | 2.4     | 4.6         | 2.6    | 2.6     | 3.6         | 2.8    | 2.8     | 185 |
| 190 | 4.4           | 2.4    | 2.4     | 4.4         | 2.6    | 2.6     | 3.2         | 2.8    | 2.6     | 190 |
| 195 | 4.2           | 2.2    | 2.4     | 3.8         | 2.6    | 2.6     | 2.6         | 2.6    | 2.6     | 195 |
| 200 | 4.0           | 2.2    | 2.4     | 3.4         | 2.4    | 2.4     | 2.2         | 2.2    | 2.6     | 200 |
| 205 | 3.8           | 2.0    |         | 3.0         | 2.4    | 2.4     | 1.8         | 1.8    | 2.6     | 205 |
| 210 | 3.6           | 2.0    |         | 2.4         | 2.4    | 2.4     |             |        | 2.2     | 210 |
| 215 | 3.4           | 2.0    |         | 2.0         | 2.0    | 2.4     |             |        | 1.8     | 215 |
| 220 | 3.2           | 1.8    |         |             |        | 2.4     |             |        |         | 220 |
| 225 | 3.0           |        |         |             |        |         |             |        |         | 225 |

\* Telescopic boom lengths varies in range depending on section pinning arrangement.

# Specifications

## Superstructure



### Boom

13,0 m (42.5 ft) to 68,7 m (225.4 ft) seven section TWIN-LOCK® boom. Maximum tip height 72,0 m (236.2 ft).



### Boom elevation

1 cylinder with safety valve, boom angle from -1,5° to +83°.



### Load moment and independent anti-two block system

Load moment and independent anti-two block system with audio visual warning and control lever lock-out. These systems provide graphic display of boom angle, length, radius, tip height, relative load moment, maximum permissible load, load indication and warning of impending two-block condition with lock-out hoist function.



### Cab

Aluminum, full vision, tiltable (approx. 20°), safety glass, adjustable operator's seat with suspension, engine-independent heater. Armrest-integrated crane controls. Ergonomically arranged instrumentation and crane operating controls.



### Slewing

2 slewing gears with axial piston motors, planetary gears, automatic break.



### Counterweight

44,5 t (98,100 lb), consisting of various sections — 30,9 t (34.1 US t) within 2,75 m (9.02 ft) vehicle width. Hydraulic removal system.



### Hydraulic system

2 separate circuits, 1 axial piston variable displacement pump with electronic power limiting control and 1 axial piston variable displacement pump for slewing. Thermostatically controlled oil cooler. Tank capacity: 750 l (198 gal).



### Control system

Full electronic control of all crane movements using electrical control levers with automatic reset to zero. Integrated with the RCL and engine management system by CAN-BUS.



### Hoist

Axial piston motor with planetary gear and brake. Drum rotation indicator. IR - Hoist camera.

### \* Optional equipment

- Bi-fold swingaway 9,6 / 16,2 m (31.5 / 53.1 ft) with hydraulic offset and luffing under load (0°–40°), controlled from the crane cab
- 8 m (26 ft) boom and 6 m (20 ft) jib extensions (maximum total length 24,2 m (79.4 ft))
- Auxiliary hoist (in lieu of compensation counterweight)
- Auxiliary boom nose using two parts of line
- Air-conditioning system

\* Other optional equipment on request.

## Carrier



### Chassis

Special 5-axle chassis, all-welded torsion-resistant box type construction in high strength steel.



### Outriggers

4 double hydraulically telescoping beams with vertical cylinders and outrigger pads. Independent horizontal and vertical movement control on each side of the carrier and from the operators cab. Electronic level indicator with automatic leveling system. Spotlight for each outrigger beam integrated in carrier decking.



### Engine

Mercedes Benz OM471LA, diesel, 6 cylinders, water cooled, turbocharged, 390 kw (523 HP) at 1700 rpm (80 / 1269 EWG fan loose). Max. torque: 2460 Nm (1,814 ft lb) at 1300 rpm. Fuel tank: 325 l + 325 l (86 gal + 86 gal).

Engine emission: Euromot 5 / EPA / CARB Tier 4 final (non road) - optional Euromot 3a/EPA/CARB Tier 3 (non road).



### Transmission

Mercedes G 280-16 gears forward and 2 reverse. 2-stage transfer case with longitudinal differential lock.



### Drive/Steer

10 x 6 x 10.



### Axle lines

5 axle lines, axle lines 1, 2, 3, 4 and 5 steered, axle line 2, 4 and 5 driven.



### Suspension

MEGATRAK®. All wheels with independent hydropneumatic suspension and hydraulic lockout. Longitudinal and transverse level control with automatic on highway leveling system. Range +195 mm/-105 mm. Active suspension control on outrigger control units.



### Tires

10 tires, 385/95 R25 (14.00 R25).



### Steering

Dual circuit, hydraulic power assisted steering with emergency steering pump. Axle lines 1, 2, 3, 4 and 5 steer on highway. Separate electronic hydraulic (steer by wire) steering of the 3rd, 4th and 5th axle line for all wheel steering and crabbing.



### Brakes

Service brake: pneumatic dual circuit disc brakes acting on all wheels, air dryer. Permanent brake: exhaust brake and constant throttle brake. Parking brake: pneumatically operated spring-loaded brake acting on axle lines 2, 4 and 5.



### Driver's cab

Aluminum, 2-man-design, safety glass, driver seat with pneumatic suspension, engine-dependent hot water heater. Complete instrumentation and driving controls. Air condition. 12 V plug. Fire extinguisher.



### Electrical system

Three-phase alternator 28 V/150A, 2 batteries 12 V/180 Ah. Lighting system and signals 24 V.

### \* Optional equipment

- Drive/steer: 10 x 8 x 10
- 10 tires, size 445/95 R25 (16.00 R25) - Vehicle width 2,75 m (9 ft)
- 10 tires, size 525/80 R25 (20.5 R25) - Vehicle width 2,9 m (9.5 ft)
- Secondary water retarder
- Reverse camera system
- MAXbase variable outrigger positioning

# Symbols glossary



Axles



Counterweight



Main hoist



Outriggers



Axle load



Crane functions



Auxiliary hoist



Radius



Boom



Crane travel



Hookblock/Capacity



Slewing/Working range



Boom elevation



Drive/Steer



Hydraulic system



Speed



Boom telescoping



Electrical system



Lattice extension



Suspension



Brakes



Engine



Lattice extension (luffing)



Transmission/Gear



Cab



Free on wheels



Luffing jib



Travel speed



Carrier frame



Gradeability



Low range



Tires



Hose reel



Swingaway



Dolly



Storage box + rigging gear



Weight per axle in kg



Driveline



Brackets

# Notes

# Notes

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