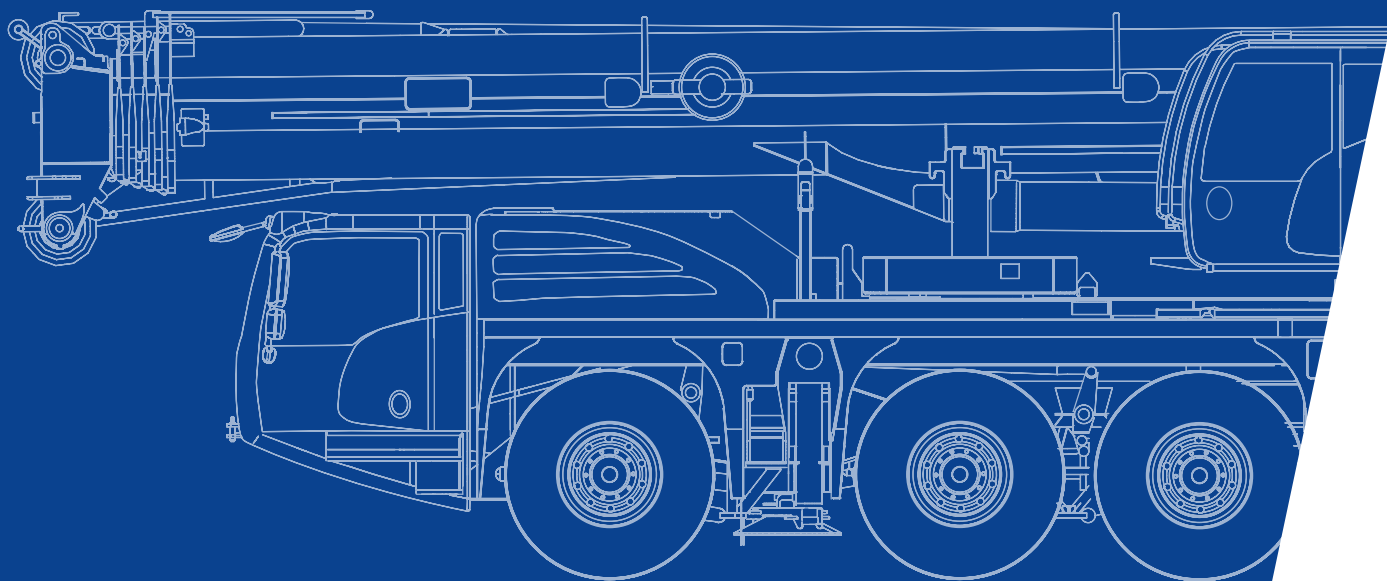
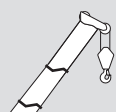


AC 130-5



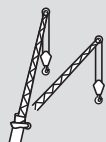
**All Terrain Crane
140 USt Capacity class**

| | Page: |
|---------------------|-------|
| Dimensions..... | 4 |
| Specifications..... | 5 |
| Equipment..... | 6 |
| Counterweight..... | 7 |



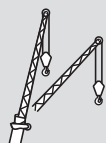
HA

| | |
|----------------|---|
| Main boom..... | 8 |
|----------------|---|



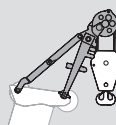
HAV

| | |
|-----------------------------|----|
| Folding swing-away jib..... | 20 |
|-----------------------------|----|



HAV-VA

















| | |
|---|----|
| Variable extension with swing-away jib..... | 24 |
|---|----|


















MS

| | |
|-------------|----|
| Runner..... | 28 |
|-------------|----|

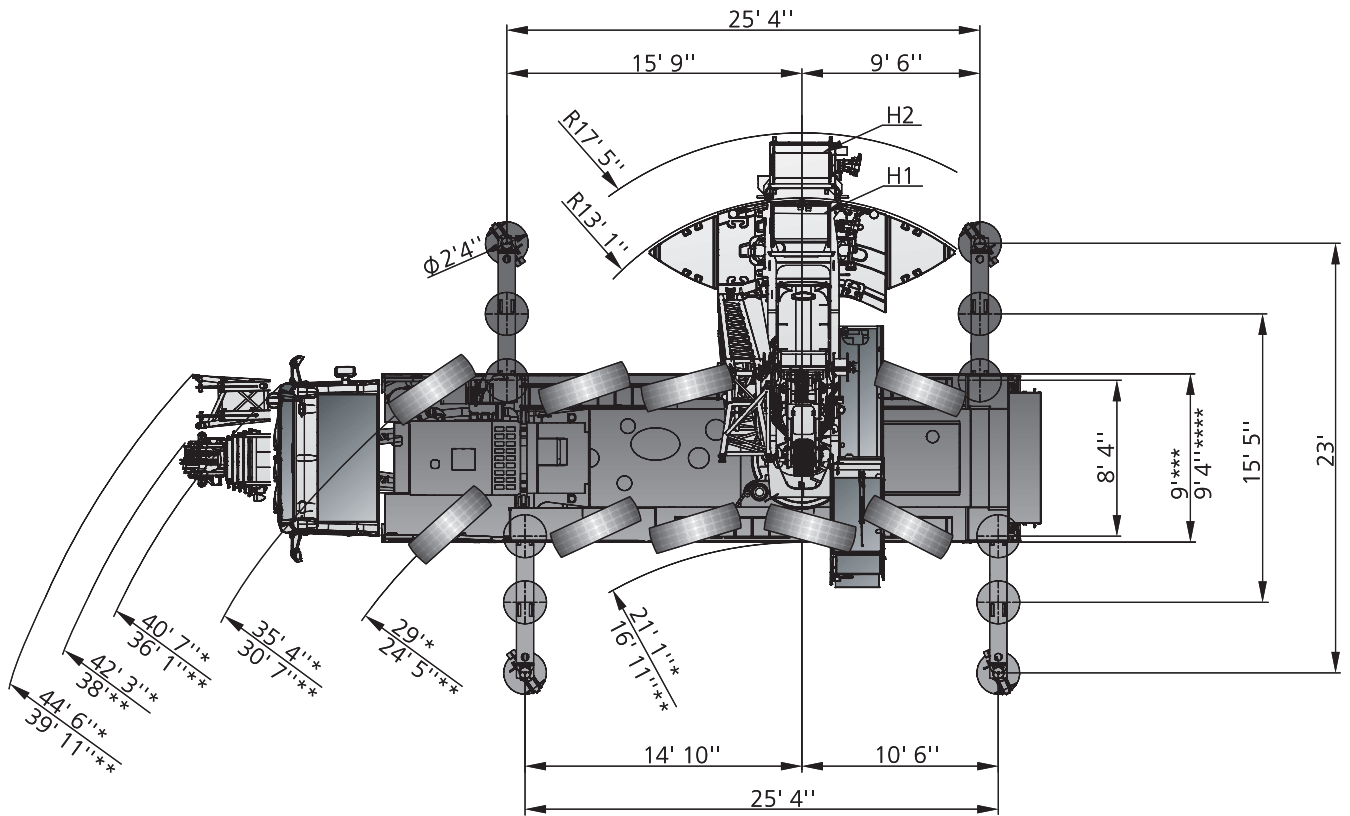
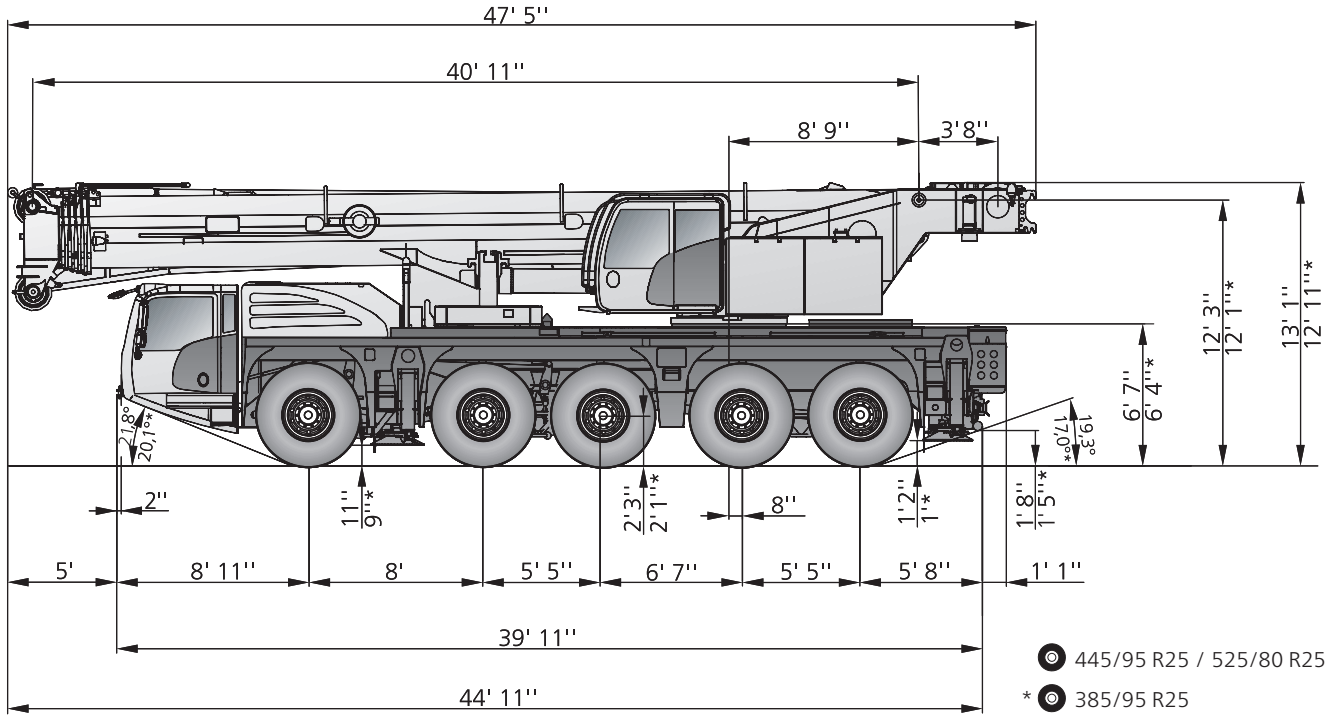
| | |
|----------------------------|----|
| Technical description..... | 34 |
|----------------------------|----|

| | |
|---|---|
|  | Counterweight |
|  | Lifting capacities on outriggers - 360° |
|  | Radius |
|  | Main boom |
|  | Folding swing-away jib |
|  | Runner |
|  | Max. axle loads |
|  | Mechanism |
|  | Tires |
|  | Hook block |
|  | Hoist |
|  | Dolly |
|  | Travel speed |
|  | Gradeability – road |
|  | Gradeability – off road |
|  | Slewing |

| | |
|---|---|
|  | Boom telescoping |
|  | Boom elevation |
|  | Working speeds |
|  | Max. line pull |
|  | Rope diameter |
|  | Rope length |
|  | Hook block (capacity-sheaves-rope diameter) |
|  | Number of lines |
|  | Possible load of hook block |
|  | Weight of hook block |
|  | Distance head sheave axle – hook ground |
|  | Number of sheaves in boom head |
|  | Supporting force |
|  | Length of stroke (support cylinders) |
|  | Payload incl. rear storage box |

Dimensions

AC 130-5



















* steering mode 2 *** ● 385/95 R25 / 445/95 R25
 ** steering mode 3 **** ● 525/80 R25

see page 5



Specifications

AC 130-5




|  | | | | | | | | | |
|---|------------|---|---|---|---|--|---|---|---|
|  | Total |  |  |  |  |  |  |  |  |
| < 20,000 lb | | | | On request! | | | | | X |
| 17,000 lb | 79,400 lb | 10 x 6 x 10 | 385/95R25 | – | – | 8,200 lb | – | – | – |
| 22,000 lb | 105,800 lb | 10 x 6 x 10 | 445/95R25 | 196.9 ft | – | – | – | 1,100 lb | – |
| 26,500 lb | 132,300 lb | 10 x 6 x 10 | 445/95R25 | 196.9 ft | 80-3-21 | 23,600 lb | – | 1,760 lb | – |
| 26,500 lb | 132,300 lb | 10 x 8 x 10 | 445/95R25 | 196.9 ft | 32-1-21 | 23,600 lb | – | 1,540 lb | – |
| 26,500 lb | 132,300 lb | 10 x 8 x 10 | 445/95R25 | 196.9 ft | 32-1-21 | 19,000 lb | 68.9 ft | 1,760 lb | – |
| 35,300 lb | 172,000 lb | 10 x 8 x 10 | 445/95R25 | 196.9 ft | 80-3-21 | 57,800 lb | 68.9 ft | 1,980 lb | – |










| | | | |
|---|--------------------------|--|-----------------------|
|  | 1 Highway > 28 mph |  | 4* Off-wall |
|  | 2 City < 28 mph |  | 5* Crab steer mode |
|  | 3 Minimum turning radius |  | 6* All wheel steering |

*must be activated

|  | |  |
|--|------------|---|
| 139,000 lb | 161,000 lb | 52.8 mph ¹⁾ |
| 20.9 in | 24 in | |

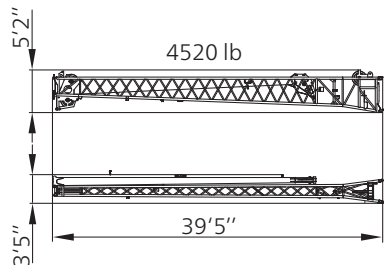
¹⁾ Depending on tire type, size and country specific legislation

|  | 385 / 95 R25 14.00 R25 | 445 / 95 R25 16.00 R25 | 525 / 80 R25 20.50 R25 |
|---|---------------------------|---------------------------|---------------------------|
|  | 48 % | 43 % | 43 % |
|  | 62 % | 55 % | 55 % |

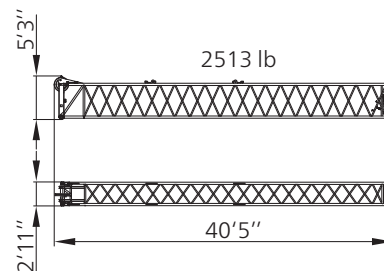
|  | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| 1 | 394 ft/min | 18,525 lbf | 0.83 in | 984 ft |
| 2 | 394 ft/min | 18,525 lbf | 0.83 in | 1083 ft |
|  | 1,75 min ⁻¹ | | | |
|  | ca. 438 s (41.0 - 196.2 ft) | | | |
|  | ca. 35 s (-1,5° - 82°) | | | |

|  |  |  |  |  |  |
|--|---|---|---|---|---|
| 1 | 18,300 | 12-0-21 | 4 | 770 lb | 6.6 ft |
| 2 | 36,600 | 32-1-21 | 4 | 1390 lb | 8.9 ft |
| 3 | 54,900 | 32-1-21 | 4 | 1390 lb | 8.9 ft |
| 4 | 72,300 | 80-3-21 | 4 | 1870 lb | 9.8 ft |
| 5 | 90,000 | 80-3-21 | 4 | 1870 lb | 9.8 ft |
| 6 | 107,400 | 80-3-21 | 4 | 1870 lb | 9.8 ft |
| 7 | 124,600 | 80-3-21 | 4 | 1870 lb | 9.8 ft |
| 8 | 141,800 | 125-5-21 | 4 | 2490 lb | 9.8 ft |
| 9 | 158,800 | 125-5-21 | 4+2 | 2490 lb | 9.8 ft |
| 10 | 175,500 | 125-5-21 | 4+2 | 2490 lb | 9.8 ft |
| 11 | 192,000 | 160-7-21 | 4+2 | 3660 lb | 9.8 ft |
| 12 | 202,400 | 160-7-21 | 4+2 | 3660 lb | 9.8 ft |

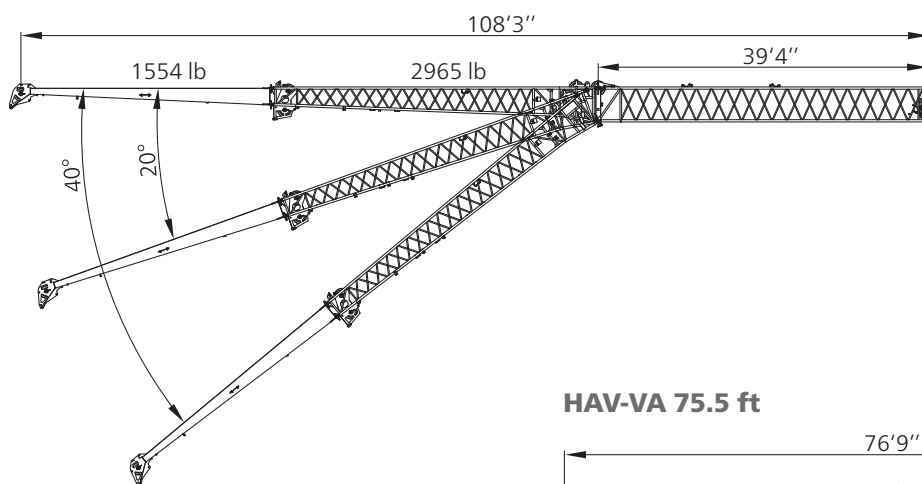
HAV / HAV-VA



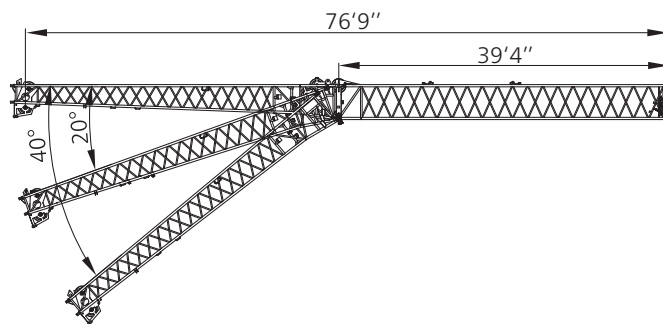
VA



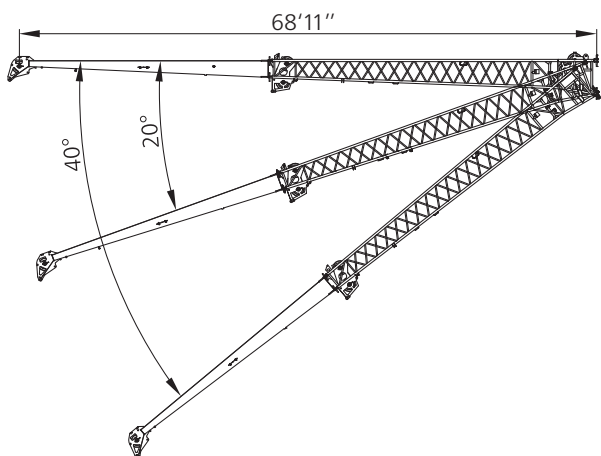
HAV-VA 108.3 ft



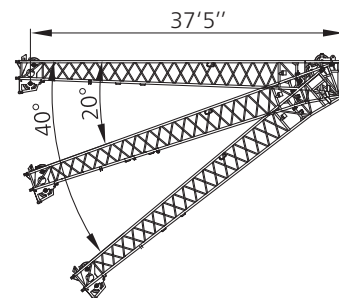
HAV-VA 75.5 ft



HAV 68.9 ft



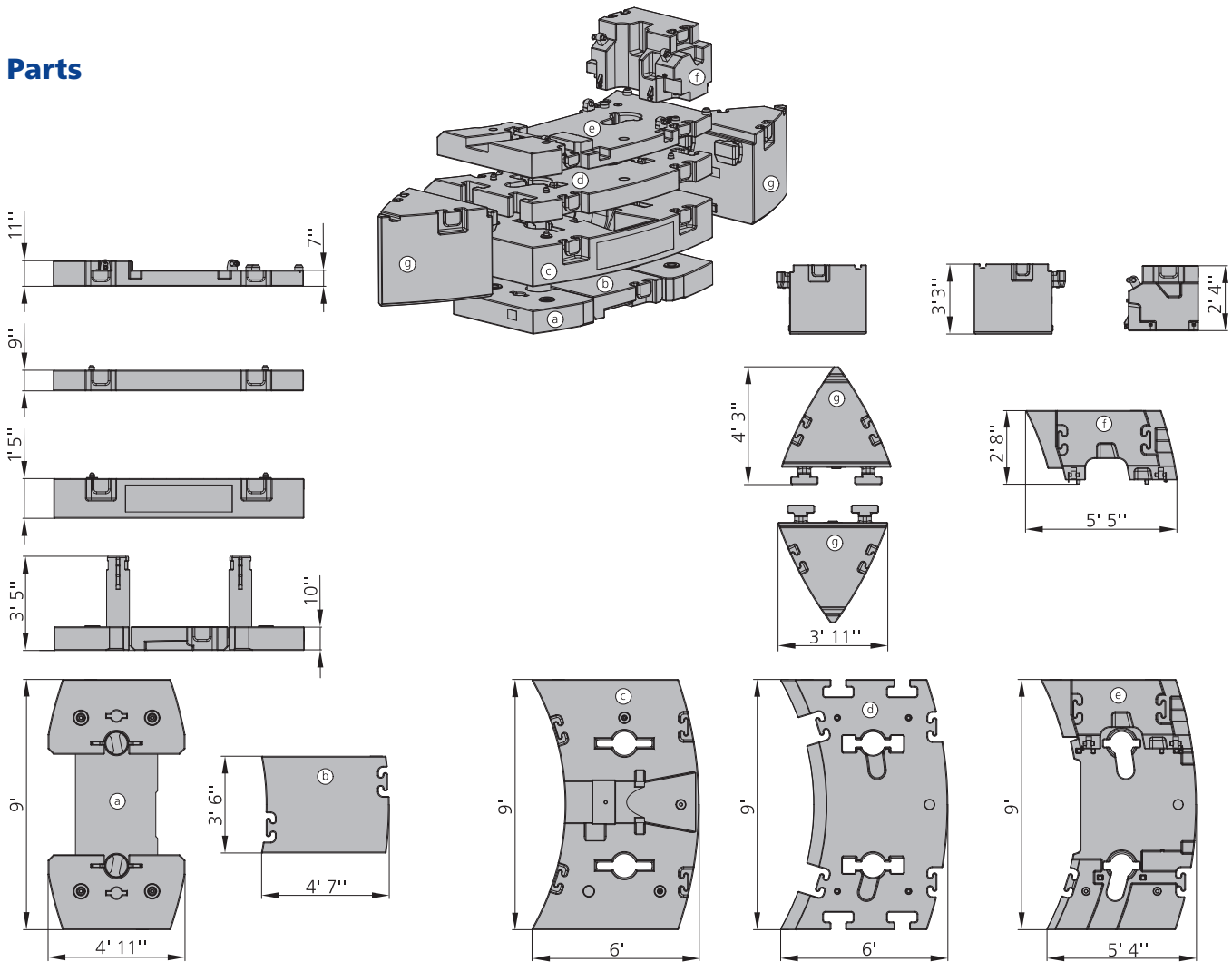
HAV 37.4 ft



Counterweight

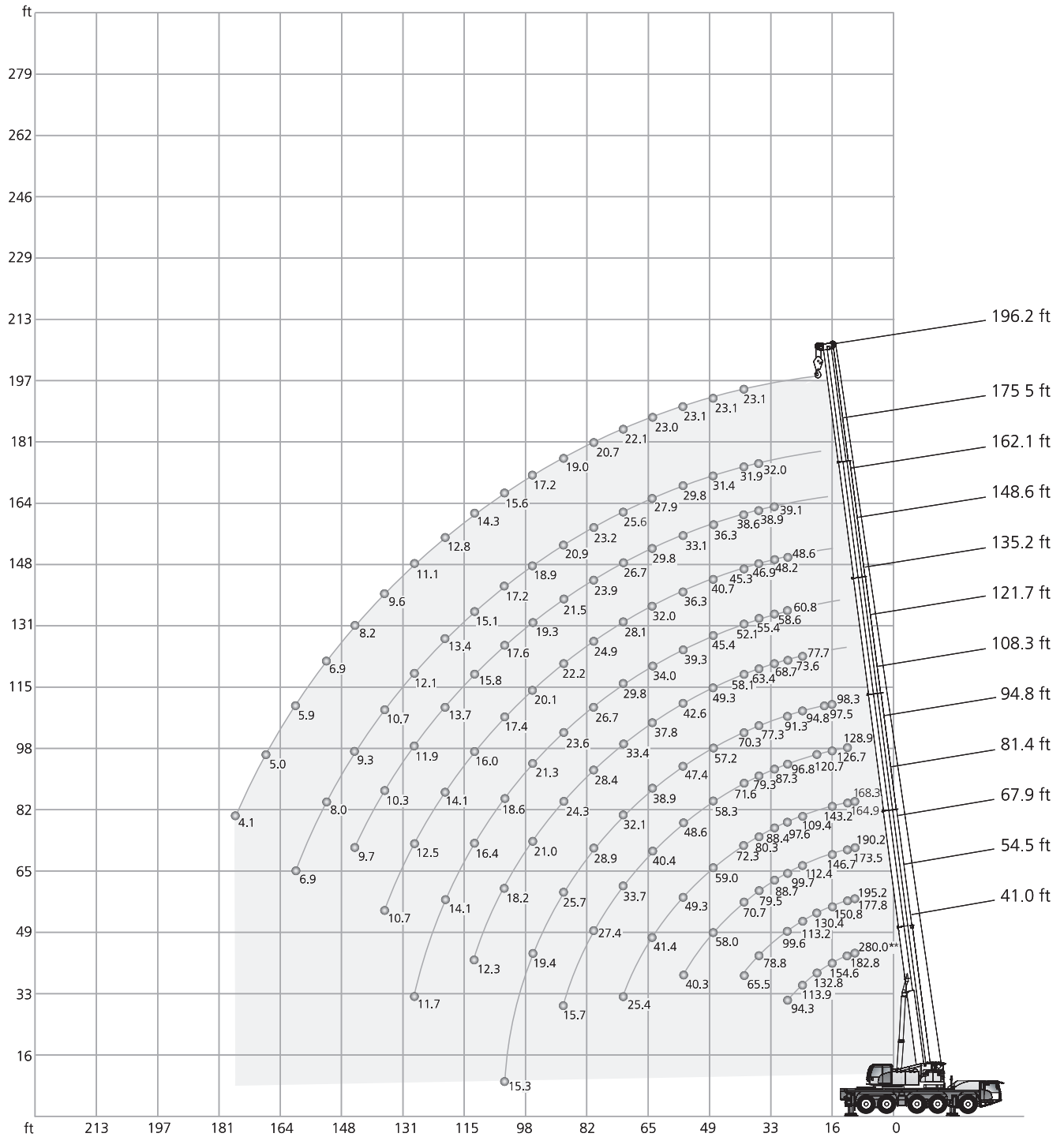
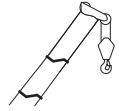
AC 130-5

Parts



Configurations

| | Ⓐ 10,800 lb | Ⓑ 4,630 lb | Ⓒ 24,260 lb | Ⓓ 11,910 lb | Ⓔ 9,920 lb | Ⓕ 8,200 lb | Ⓖ 11,690 lb | Ⓗ 11,690 lb |
|-----------|-------------|------------|-------------|-------------|------------|------------|-------------|-------------|
| 0 lb | | | | | | | | |
| 8,200 lb | | | | | | X | | |
| 10,800 lb | X | | | | | | | |
| 15,400 lb | X | X | | | | | | |
| 18,100 lb | | | | | X | X | | |
| 19,000 lb | X | | | | | X | | |
| 23,600 lb | X | X | | | | X | | |
| 28,900 lb | X | | | | X | X | | |
| 33,500 lb | X | X | | | X | X | | |
| 39,700 lb | X | X | X | | | | | |
| 47,800 lb | X | X | X | | | X | | |
| 51,600 lb | X | X | X | X | | | | |
| 57,800 lb | X | X | X | | X | X | | |
| 59,800 lb | X | X | X | X | | X | | |
| 61,500 lb | X | X | X | X | X | | | |
| 69,700 lb | X | X | X | X | X | X | | |
| 84,900 lb | X | X | X | X | X | | X | X |
| 93,000 lb | X | X | X | X | X | X | X | X |



** Capacity class

| 93,000 lb | | 25.3 ft x 23.0 ft | | | | | | | | | | | | 360° | | ASME B30.5 | |
|-----------|---------|-------------------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----|------------|--|
| ft | | 41.0 ft* | 41.0 ft | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft | ft | | |
| 1,000 lb | | | | | | | | | | | | | | | | | |
| 8 | 280.0** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | |
| 10 | 200.7 | 200.7 | 195.2 | 190.2 | 168.3 | - | - | - | - | - | - | - | - | - | - | 10 | |
| 12 | 182.8 | 182.6 | 177.8 | 173.5 | 164.9 | 128.9 | - | - | - | - | - | - | - | - | - | 12 | |
| 14 | 167.6 | 166.5 | 163.2 | 159.0 | 155.4 | 128.0 | - | - | - | - | - | - | - | - | - | 14 | |
| 16 | 154.6 | 151.9 | 150.8 | 146.7 | 143.2 | 126.7 | 98.3 | - | - | - | - | - | - | - | - | 16 | |
| 18 | 143.4 | 140.0 | 140.3 | 136.7 | 133.3 | 124.2 | 97.5 | - | - | - | - | - | - | - | - | 18 | |
| 20 | 132.8 | 129.1 | 130.4 | 127.3 | 124.0 | 120.7 | 96.7 | 79.3 | - | - | - | - | - | - | - | 20 | |
| 24 | 113.9 | 111.7 | 113.2 | 112.4 | 109.4 | 108.4 | 94.8 | 77.7 | 61.6 | - | - | - | - | - | - | 24 | |
| 28 | 94.3 | 94.2 | 99.6 | 99.7 | 97.6 | 96.8 | 91.3 | 73.6 | 60.8 | 48.6 | - | - | - | - | - | 28 | |
| 32 | - | - | 88.5 | 88.7 | 88.4 | 87.3 | 84.5 | 68.7 | 58.6 | 48.2 | 39.1 | - | - | - | - | 32 | |
| 36 | - | - | 78.8 | 79.5 | 80.3 | 79.3 | 77.3 | 63.4 | 55.4 | 46.9 | 38.9 | 32.0 | - | - | - | 36 | |
| 40 | - | - | 65.5 | 70.7 | 72.3 | 71.6 | 70.3 | 58.1 | 52.1 | 45.3 | 38.6 | 31.9 | 23.1 | - | - | 40 | |
| 48 | - | - | - | 58.0 | 59.0 | 58.3 | 57.2 | 49.3 | 45.4 | 40.7 | 36.3 | 31.4 | 23.1 | 23.1 | - | 48 | |
| 56 | - | - | - | 40.3 | 49.3 | 48.6 | 47.4 | 42.6 | 39.3 | 36.3 | 33.1 | 29.8 | 23.1 | 23.1 | - | 56 | |
| 64 | - | - | - | - | 41.4 | 40.4 | 38.9 | 37.8 | 34.0 | 32.0 | 29.8 | 27.9 | 23.0 | 23.0 | - | 64 | |
| 72 | - | - | - | - | 25.4 | 33.7 | 32.1 | 33.4 | 29.8 | 28.1 | 26.7 | 25.6 | 22.1 | 22.1 | - | 72 | |
| 80 | - | - | - | - | - | 27.4 | 28.9 | 28.4 | 26.7 | 24.9 | 23.9 | 23.2 | 20.7 | 20.7 | - | 80 | |
| 88 | - | - | - | - | - | 15.7 | 25.7 | 24.3 | 23.6 | 22.2 | 21.5 | 20.9 | 19.0 | 19.0 | - | 88 | |
| 96 | - | - | - | - | - | - | 19.4 | 21.0 | 21.3 | 20.1 | 19.3 | 18.9 | 17.2 | 17.2 | - | 96 | |
| 104 | - | - | - | - | - | - | 15.3 | 18.2 | 18.6 | 17.4 | 17.6 | 17.2 | 15.6 | 15.6 | - | 104 | |
| 112 | - | - | - | - | - | - | - | 12.3 | 16.4 | 16.0 | 15.8 | 15.1 | 14.3 | 14.3 | - | 112 | |
| 120 | - | - | - | - | - | - | - | - | 14.1 | 14.1 | 13.7 | 13.4 | 12.8 | 12.8 | - | 120 | |
| 128 | - | - | - | - | - | - | - | - | 11.7 | 12.5 | 11.9 | 12.1 | 11.1 | 11.1 | - | 128 | |
| 136 | - | - | - | - | - | - | - | - | - | 10.7 | 10.3 | 10.7 | 9.6 | 9.6 | - | 136 | |
| 144 | - | - | - | - | - | - | - | - | - | - | 9.7 | 9.3 | 8.2 | 8.2 | - | 144 | |
| 152 | - | - | - | - | - | - | - | - | - | - | - | 8.0 | 6.9 | 6.9 | - | 152 | |
| 160 | - | - | - | - | - | - | - | - | - | - | - | 6.9 | 5.9 | 5.9 | - | 160 | |
| 168 | - | - | - | - | - | - | - | - | - | - | - | - | 5.0 | 5.0 | - | 168 | |
| 176 | - | - | - | - | - | - | - | - | - | - | - | - | 4.1 | 4.1 | - | 176 | |
| 1) | 34.6 | 34.6 | 25.1 | 19.4 | 15.0 | 11.9 | 9.0 | 7.1 | 4.9 | 2.9 | - | - | - | - | - | 1) | |

1) Capacities with horizontal boom

* over rear

** Capacity class

| 69,700 lb | | 25.3 ft x 23.0 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 200.7 | 200.7 | 195.2 | 195.2 | 190.2 | 190.2 | 168.3 | 168.3 | - | - | - | - | 10 |
| 12 | 181.8 | 182.6 | 177.8 | 177.9 | 173.5 | 173.5 | 164.9 | 164.9 | 128.9 | 128.9 | - | - | 12 |
| 14 | 164.7 | 166.5 | 163.2 | 163.2 | 159.0 | 159.0 | 155.4 | 155.4 | 128.0 | 128.0 | - | - | 14 |
| 16 | 150.3 | 151.9 | 150.8 | 150.8 | 146.7 | 146.7 | 143.2 | 143.2 | 126.7 | 126.7 | 98.3 | 98.3 | 16 |
| 18 | 138.5 | 140.0 | 139.7 | 140.3 | 136.7 | 136.7 | 133.3 | 133.3 | 124.2 | 124.2 | 97.5 | 97.5 | 18 |
| 20 | 127.6 | 129.1 | 129.1 | 130.4 | 127.3 | 127.3 | 124.0 | 124.0 | 120.7 | 120.7 | 96.7 | 96.7 | 20 |
| 24 | 110.4 | 111.7 | 112.0 | 113.2 | 112.1 | 112.3 | 109.4 | 109.4 | 108.4 | 108.4 | 94.8 | 94.8 | 24 |
| 28 | 93.7 | 94.2 | 97.6 | 99.6 | 97.8 | 99.6 | 96.8 | 97.6 | 96.8 | 96.8 | 91.3 | 91.3 | 28 |
| 32 | - | - | 84.7 | 87.9 | 84.9 | 88.0 | 86.3 | 88.4 | 85.7 | 87.3 | 84.0 | 84.5 | 32 |
| 36 | - | - | 74.7 | 77.5 | 75.1 | 77.6 | 76.6 | 78.9 | 75.9 | 77.9 | 74.8 | 75.9 | 36 |
| 40 | - | - | 61.3 | 63.2 | 67.0 | 67.9 | 67.6 | 69.4 | 66.9 | 68.7 | 65.7 | 67.4 | 40 |
| 48 | - | - | - | - | 52.9 | 56.4 | 52.7 | 56.2 | 51.6 | 55.3 | 50.0 | 54.0 | 48 |
| 56 | - | - | - | - | 36.8 | 39.1 | 41.3 | 46.0 | 40.3 | 45.1 | 38.8 | 43.7 | 56 |
| 64 | - | - | - | - | - | - | 33.4 | 37.7 | 32.5 | 36.8 | 33.5 | 35.5 | 64 |
| 72 | - | - | - | - | - | - | 25.4 | 25.4 | 28.5 | 30.6 | 27.9 | 31.6 | 72 |
| 80 | - | - | - | - | - | - | - | - | 24.3 | 25.6 | 23.5 | 27.1 | 80 |
| 88 | - | - | - | - | - | - | - | - | 15.7 | 15.7 | 20.2 | 23.4 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | 17.7 | 18.6 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | 15.3 | 15.3 | 104 |
| 1) | 34.6 | 34.6 | 25.1 | 25.1 | 19.4 | 19.4 | 15.0 | 15.0 | 11.9 | 11.9 | 9.0 | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 79.3 | 79.3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 77.7 | 77.7 | 61.6 | 61.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 73.6 | 73.6 | 60.8 | 60.8 | 48.6 | 48.6 | - | - | - | - | - | - | 28 |
| 32 | 68.7 | 68.7 | 58.6 | 58.6 | 48.2 | 48.2 | 39.1 | 39.1 | - | - | - | - | 32 |
| 36 | 63.4 | 63.4 | 55.4 | 55.4 | 46.9 | 46.9 | 38.9 | 38.9 | 32.0 | 32.0 | - | - | 36 |
| 40 | 58.1 | 58.1 | 52.1 | 52.1 | 45.3 | 45.3 | 38.6 | 38.6 | 31.9 | 31.9 | 23.1 | 23.1 | 40 |
| 48 | 48.4 | 49.3 | 45.3 | 45.4 | 40.7 | 40.7 | 36.3 | 36.3 | 31.4 | 31.4 | 23.1 | 23.1 | 48 |
| 56 | 40.0 | 42.2 | 37.5 | 39.3 | 36.1 | 36.3 | 33.1 | 33.1 | 29.8 | 29.8 | 23.1 | 23.1 | 56 |
| 64 | 32.3 | 36.5 | 31.0 | 33.9 | 30.5 | 32.0 | 29.8 | 29.8 | 27.9 | 27.9 | 23.0 | 23.0 | 64 |
| 72 | 26.4 | 30.6 | 27.0 | 29.2 | 25.7 | 28.1 | 25.9 | 26.7 | 25.6 | 25.6 | 22.1 | 22.1 | 72 |
| 80 | 23.3 | 25.8 | 22.8 | 25.5 | 22.2 | 24.4 | 22.2 | 23.8 | 21.7 | 23.2 | 20.6 | 20.7 | 80 |
| 88 | 20.4 | 22.1 | 19.2 | 22.5 | 19.5 | 21.4 | 18.8 | 21.2 | 18.8 | 20.9 | 18.1 | 19.0 | 88 |
| 96 | 17.6 | 19.7 | 17.2 | 19.6 | 16.9 | 18.8 | 16.1 | 19.0 | 16.1 | 18.5 | 15.1 | 17.2 | 96 |
| 104 | 15.3 | 18.1 | 15.1 | 17.1 | 14.6 | 17.0 | 14.5 | 16.6 | 13.5 | 16.0 | 12.6 | 15.6 | 104 |
| 112 | 12.3 | 12.3 | 13.3 | 14.9 | 12.5 | 14.9 | 12.5 | 14.2 | 11.6 | 14.4 | 10.5 | 13.6 | 112 |
| 120 | - | - | 11.5 | 13.3 | 10.6 | 13.4 | 10.6 | 12.4 | 9.8 | 12.6 | 8.7 | 11.7 | 120 |
| 128 | - | - | 10.0 | 11.7 | 9.1 | 11.9 | 9.1 | 11.2 | 8.3 | 11.0 | 7.2 | 10.1 | 128 |
| 136 | - | - | - | - | 8.0 | 10.1 | 8.0 | 10.3 | 6.9 | 9.6 | 6.0 | 8.7 | 136 |
| 144 | - | - | - | - | - | - | 6.9 | 9.3 | 5.8 | 8.4 | 4.7 | 7.5 | 144 |
| 152 | - | - | - | - | - | - | - | - | 4.7 | 7.4 | 3.8 | 6.3 | 152 |
| 160 | - | - | - | - | - | - | - | - | 3.9 | 6.4 | 2.8 | 5.4 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 4.5 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 3.8 | 176 |
| 1) | 7.1 | 7.1 | 4.9 | 4.9 | 2.9 | 2.9 | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| | | 57,800 lb | | | | 25.3 ft x 23.0 ft | | | | 360° / Max.* | | | | ASME B30.5 | |
|-----|--|-----------|---------|---------|---------|-------------------|---------|---------|---------|--------------|---------|----------|----------|------------|-----|
| | | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | | |
| | | 41.0 ft | 41.0 ft | 54.5 ft | 54.5 ft | 67.9 ft | 67.9 ft | 81.4 ft | 81.4 ft | 94.8 ft | 94.8 ft | 108.3 ft | 108.3 ft | | |
| | | 1,000 lb | | | | | | | | | | | | | |
| ft | | | | | | | | | | | | | | ft | |
| 10 | | 200.6 | 200.7 | 195.2 | 195.2 | 190.2 | 190.2 | 168.3 | 168.3 | - | - | - | - | - | 10 |
| 12 | | 180.7 | 182.6 | 177.8 | 177.9 | 173.5 | 173.5 | 164.9 | 164.9 | 128.9 | 128.9 | - | - | - | 12 |
| 14 | | 163.8 | 166.5 | 163.2 | 163.2 | 159.0 | 159.0 | 155.4 | 155.4 | 128.0 | 128.0 | - | - | - | 14 |
| 16 | | 149.5 | 151.9 | 150.6 | 150.8 | 146.7 | 146.7 | 143.2 | 143.2 | 126.7 | 126.7 | 98.3 | 98.3 | 98.3 | 16 |
| 18 | | 137.8 | 140.0 | 139.3 | 140.3 | 136.7 | 136.7 | 133.3 | 133.3 | 124.2 | 124.2 | 97.5 | 97.5 | 97.5 | 18 |
| 20 | | 126.9 | 129.1 | 128.5 | 130.4 | 127.3 | 127.3 | 124.0 | 124.0 | 120.7 | 120.7 | 96.7 | 96.7 | 96.7 | 20 |
| 24 | | 108.9 | 111.7 | 110.8 | 113.2 | 110.9 | 112.3 | 108.9 | 109.4 | 108.4 | 108.4 | 94.8 | 94.8 | 94.8 | 24 |
| 28 | | 92.1 | 94.2 | 94.6 | 98.3 | 94.9 | 98.5 | 95.4 | 97.0 | 95.5 | 96.8 | 91.0 | 91.3 | 91.3 | 28 |
| 32 | | - | - | 81.8 | 84.6 | 82.0 | 84.7 | 83.7 | 86.1 | 82.9 | 85.3 | 80.4 | 83.7 | 83.7 | 32 |
| 36 | | - | - | 70.4 | 74.2 | 71.0 | 74.3 | 72.6 | 75.9 | 71.7 | 75.1 | 69.2 | 74.0 | 74.0 | 36 |
| 40 | | - | - | 54.1 | 60.7 | 62.2 | 67.0 | 61.9 | 66.6 | 61.0 | 65.7 | 59.1 | 64.6 | 64.6 | 40 |
| 48 | | - | - | - | - | 46.6 | 53.8 | 46.3 | 53.6 | 45.3 | 52.9 | 44.6 | 51.6 | 51.6 | 48 |
| 56 | | - | - | - | - | 34.2 | 37.9 | 36.0 | 44.4 | 35.4 | 43.6 | 36.6 | 42.2 | 42.2 | 56 |
| 64 | | - | - | - | - | - | - | 29.0 | 37.1 | 30.1 | 36.2 | 29.3 | 34.9 | 34.9 | 64 |
| 72 | | - | - | - | - | - | - | 25.4 | 25.4 | 25.0 | 30.5 | 24.1 | 31.6 | 31.6 | 72 |
| 80 | | - | - | - | - | - | - | - | - | 21.1 | 25.6 | 21.0 | 27.1 | 27.1 | 80 |
| 88 | | - | - | - | - | - | - | - | - | 15.7 | 15.7 | 18.3 | 23.4 | 23.4 | 88 |
| 96 | | - | - | - | - | - | - | - | - | - | - | 15.9 | 18.6 | 18.6 | 96 |
| 104 | | - | - | - | - | - | - | - | - | - | - | 13.9 | 15.3 | 15.3 | 104 |
| 1) | | 34.6 | 34.6 | 25.1 | 25.1 | 19.4 | 19.4 | 15.0 | 15.0 | 11.9 | 11.9 | 9.0 | 9.0 | 9.0 | 1) |

| | | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | 360° | Max. | | |
|-----|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|-----|
| | | 121.7 ft | 121.7 ft | 135.2 ft | 135.2 ft | 148.6 ft | 148.6 ft | 162.1 ft | 162.1 ft | 175.5 ft | 175.5 ft | 196.2 ft | 196.2 ft | | |
| | | 1,000 lb | | | | | | | | | | | | | |
| ft | | | | | | | | | | | | | | ft | |
| 20 | | 79.3 | 79.3 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | | 77.7 | 77.7 | 61.6 | 61.6 | - | - | - | - | - | - | - | - | - | 24 |
| 28 | | 73.6 | 73.6 | 60.8 | 60.8 | 48.6 | 48.6 | - | - | - | - | - | - | - | 28 |
| 32 | | 68.7 | 68.7 | 58.6 | 58.6 | 48.2 | 48.2 | 39.1 | 39.1 | - | - | - | - | - | 32 |
| 36 | | 62.9 | 63.4 | 55.4 | 55.4 | 46.9 | 46.9 | 38.9 | 38.9 | 32.0 | 32.0 | - | - | - | 36 |
| 40 | | 56.6 | 58.1 | 51.9 | 52.1 | 45.3 | 45.3 | 38.6 | 38.6 | 31.9 | 31.9 | 23.1 | 23.1 | 23.1 | 40 |
| 48 | | 45.2 | 49.3 | 42.2 | 45.4 | 40.2 | 40.7 | 36.3 | 36.3 | 31.4 | 31.4 | 23.1 | 23.1 | 23.1 | 48 |
| 56 | | 34.9 | 41.9 | 34.2 | 39.3 | 33.2 | 36.3 | 32.4 | 33.1 | 29.8 | 29.8 | 23.1 | 23.1 | 23.1 | 56 |
| 64 | | 28.6 | 36.1 | 28.6 | 33.9 | 27.5 | 32.0 | 27.5 | 29.8 | 26.9 | 27.9 | 23.0 | 23.0 | 23.0 | 64 |
| 72 | | 24.4 | 30.5 | 23.3 | 29.2 | 23.9 | 28.1 | 22.8 | 26.7 | 23.0 | 25.6 | 21.9 | 22.1 | 22.1 | 72 |
| 80 | | 20.4 | 25.8 | 20.4 | 25.5 | 20.0 | 24.4 | 19.8 | 23.8 | 19.1 | 23.2 | 18.0 | 20.7 | 20.7 | 80 |
| 88 | | 17.4 | 22.1 | 17.4 | 22.5 | 16.9 | 21.4 | 16.9 | 21.2 | 16.0 | 20.9 | 14.9 | 19.0 | 19.0 | 88 |
| 96 | | 15.3 | 19.7 | 15.1 | 19.6 | 14.2 | 18.8 | 14.2 | 19.0 | 13.3 | 18.5 | 12.2 | 17.2 | 17.2 | 96 |
| 104 | | 13.4 | 18.1 | 12.8 | 17.1 | 11.9 | 17.0 | 11.9 | 16.6 | 11.1 | 16.0 | 10.0 | 15.6 | 15.6 | 104 |
| 112 | | 11.6 | 12.3 | 10.9 | 14.9 | 10.0 | 14.9 | 10.0 | 14.2 | 9.2 | 14.4 | 8.1 | 13.6 | 13.6 | 112 |
| 120 | | - | - | 9.4 | 13.3 | 8.5 | 13.4 | 8.5 | 12.4 | 7.6 | 12.6 | 6.5 | 11.7 | 11.7 | 120 |
| 128 | | - | - | 8.0 | 11.7 | 7.2 | 11.9 | 7.2 | 11.2 | 6.2 | 11.0 | 5.2 | 10.1 | 10.1 | 128 |
| 136 | | - | - | - | - | 6.0 | 10.1 | 6.0 | 10.3 | 4.9 | 9.6 | 4.0 | 8.7 | 8.7 | 136 |
| 144 | | - | - | - | - | - | - | 4.9 | 9.3 | 4.0 | 8.4 | 2.9 | 7.5 | 7.5 | 144 |
| 152 | | - | - | - | - | - | - | - | - | 3.0 | 7.4 | - | 6.3 | 6.3 | 152 |
| 160 | | - | - | - | - | - | - | - | - | - | 6.4 | - | 5.4 | 5.4 | 160 |
| 168 | | - | - | - | - | - | - | - | - | - | - | - | 4.5 | 4.5 | 168 |
| 176 | | - | - | - | - | - | - | - | - | - | - | - | 3.8 | 3.8 | 176 |
| 1) | | 7.1 | 7.1 | 4.9 | 4.9 | 2.9 | 2.9 | - | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| 23,600 lb | | 25.3 ft x 23.0 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 198.1 | 200.7 | 195.2 | 195.2 | 190.2 | 190.2 | 168.3 | 168.3 | - | - | - | - | 10 |
| 12 | 178.1 | 182.6 | 177.8 | 177.9 | 173.5 | 173.5 | 164.9 | 164.9 | 128.9 | 128.9 | - | - | 12 |
| 14 | 161.3 | 166.5 | 162.6 | 163.2 | 159.0 | 159.0 | 155.4 | 155.4 | 128.0 | 128.0 | - | - | 14 |
| 16 | 147.3 | 151.9 | 148.7 | 150.8 | 146.7 | 146.7 | 143.2 | 143.2 | 126.7 | 126.7 | 98.3 | 98.3 | 16 |
| 18 | 133.1 | 139.3 | 134.8 | 140.0 | 134.1 | 136.7 | 129.0 | 133.3 | 116.6 | 124.2 | 97.5 | 97.5 | 18 |
| 20 | 119.1 | 126.9 | 121.3 | 129.1 | 121.0 | 126.7 | 114.1 | 123.7 | 109.0 | 120.6 | 95.3 | 96.7 | 20 |
| 24 | 95.2 | 102.6 | 97.9 | 104.6 | 94.5 | 104.8 | 91.5 | 104.1 | 84.7 | 105.8 | 77.8 | 94.3 | 24 |
| 28 | 69.8 | 85.2 | 74.4 | 87.2 | 76.3 | 87.3 | 73.4 | 89.1 | 68.3 | 88.0 | 63.9 | 83.8 | 28 |
| 32 | - | - | 57.9 | 74.3 | 59.5 | 76.2 | 59.0 | 75.7 | 56.4 | 73.4 | 55.5 | 70.2 | 32 |
| 36 | - | - | 47.4 | 64.8 | 48.8 | 65.7 | 48.6 | 65.4 | 48.2 | 62.9 | 47.6 | 60.4 | 36 |
| 40 | - | - | 31.8 | 51.4 | 41.0 | 57.7 | 41.0 | 57.4 | 41.4 | 54.4 | 40.3 | 53.1 | 40 |
| 48 | - | - | - | - | 30.5 | 44.2 | 31.0 | 43.9 | 30.3 | 42.1 | 30.9 | 42.9 | 48 |
| 56 | - | - | - | - | 23.3 | 33.4 | 23.9 | 34.8 | 23.9 | 35.1 | 24.0 | 35.2 | 56 |
| 64 | - | - | - | - | - | - | 18.8 | 28.2 | 19.2 | 29.5 | 18.9 | 28.6 | 64 |
| 72 | - | - | - | - | - | - | 15.1 | 24.3 | 15.5 | 23.9 | 15.1 | 23.4 | 72 |
| 80 | - | - | - | - | - | - | - | - | 12.6 | 20.0 | 12.2 | 20.4 | 80 |
| 88 | - | - | - | - | - | - | - | - | 10.4 | 15.7 | 9.9 | 17.2 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | 8.1 | 14.8 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | 6.6 | 12.8 | 104 |
| 1) | 34.6 | 34.6 | 25.1 | 25.1 | 19.4 | 19.4 | 14.8 | 15.0 | 10.6 | 11.9 | 7.3 | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 79.0 | 79.3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 71.6 | 77.7 | 61.0 | 61.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 60.9 | 73.6 | 54.9 | 60.8 | 48.6 | 48.6 | - | - | - | - | - | - | 28 |
| 32 | 51.0 | 67.4 | 48.9 | 58.6 | 44.6 | 48.2 | 39.1 | 39.1 | - | - | - | - | 32 |
| 36 | 44.4 | 59.1 | 42.7 | 53.5 | 39.5 | 46.9 | 35.8 | 38.9 | 32.0 | 32.0 | - | - | 36 |
| 40 | 39.7 | 52.6 | 37.9 | 48.6 | 36.3 | 44.8 | 33.1 | 38.6 | 31.3 | 31.9 | 23.1 | 23.1 | 40 |
| 48 | 30.7 | 41.1 | 29.4 | 38.2 | 27.9 | 36.5 | 27.0 | 34.2 | 24.9 | 31.1 | 21.9 | 23.1 | 48 |
| 56 | 23.7 | 32.2 | 23.0 | 31.7 | 21.9 | 30.2 | 21.1 | 28.7 | 19.4 | 26.8 | 17.3 | 23.1 | 56 |
| 64 | 18.7 | 27.9 | 17.9 | 25.6 | 17.0 | 25.6 | 16.7 | 24.4 | 15.1 | 22.6 | 13.2 | 20.3 | 64 |
| 72 | 14.9 | 23.5 | 14.2 | 22.6 | 13.1 | 21.0 | 13.1 | 20.4 | 11.5 | 18.4 | 9.8 | 16.4 | 72 |
| 80 | 12.0 | 19.3 | 11.3 | 19.2 | 10.2 | 17.9 | 10.2 | 17.2 | 8.9 | 15.5 | 7.2 | 13.7 | 80 |
| 88 | 9.6 | 16.9 | 8.8 | 16.3 | 8.0 | 15.3 | 8.0 | 14.6 | 6.9 | 13.1 | 5.2 | 11.4 | 88 |
| 96 | 7.8 | 14.5 | 7.0 | 13.7 | 6.1 | 12.9 | 6.1 | 12.5 | 5.1 | 10.9 | 3.6 | 9.2 | 96 |
| 104 | 6.2 | 12.4 | 5.5 | 11.7 | 4.6 | 10.6 | 4.6 | 10.6 | 3.7 | 9.1 | - | 7.5 | 104 |
| 112 | 5.0 | 10.5 | 4.1 | 9.8 | 3.2 | 8.9 | 3.2 | 8.9 | - | 7.6 | - | 5.9 | 112 |
| 120 | - | - | 3.1 | 8.2 | - | 7.4 | - | 7.4 | - | 6.3 | - | 4.6 | 120 |
| 128 | - | - | - | 6.8 | - | 6.1 | - | 6.1 | - | 5.1 | - | 3.5 | 128 |
| 136 | - | - | - | - | - | 5.0 | - | 5.0 | - | 4.1 | - | 2.6 | 136 |
| 144 | - | - | - | - | - | - | - | - | - | 3.1 | - | - | 144 |
| 1) | 4.9 | 7.1 | 2.2 | 4.9 | - | 2.9 | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| 19,000 lb | | 25.3 ft x 23.0 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 197.7 | 200.7 | 195.2 | 195.2 | 190.2 | 190.2 | 168.3 | 168.3 | - | - | - | - | 10 |
| 12 | 177.7 | 182.6 | 177.8 | 177.9 | 173.5 | 173.5 | 164.9 | 164.9 | 128.9 | 128.9 | - | - | 12 |
| 14 | 161.1 | 166.5 | 162.4 | 163.2 | 159.0 | 159.0 | 155.4 | 155.4 | 128.0 | 128.0 | - | - | 14 |
| 16 | 146.2 | 151.9 | 148.2 | 150.8 | 146.7 | 146.7 | 143.2 | 143.2 | 126.7 | 126.7 | 98.3 | 98.3 | 16 |
| 18 | 131.5 | 138.1 | 133.7 | 138.8 | 132.2 | 136.7 | 125.2 | 133.3 | 113.0 | 124.2 | 95.7 | 97.5 | 18 |
| 20 | 117.0 | 124.5 | 119.2 | 126.7 | 116.8 | 126.5 | 111.3 | 123.5 | 101.9 | 120.4 | 91.5 | 96.7 | 20 |
| 24 | 89.7 | 100.7 | 92.7 | 102.7 | 91.2 | 102.9 | 85.4 | 103.1 | 79.0 | 103.8 | 73.5 | 93.2 | 24 |
| 28 | 64.4 | 83.7 | 69.8 | 85.6 | 71.0 | 86.0 | 68.3 | 87.2 | 63.5 | 84.7 | 61.4 | 80.7 | 28 |
| 32 | - | - | 53.7 | 73.2 | 55.3 | 74.4 | 54.9 | 72.9 | 54.5 | 70.5 | 51.7 | 67.9 | 32 |
| 36 | - | - | 43.8 | 63.6 | 45.3 | 64.4 | 45.1 | 63.3 | 46.5 | 60.5 | 44.1 | 58.4 | 36 |
| 40 | - | - | 28.5 | 49.1 | 37.9 | 56.4 | 39.0 | 54.2 | 38.4 | 52.3 | 38.0 | 51.2 | 40 |
| 48 | - | - | - | - | 28.0 | 42.0 | 28.6 | 41.8 | 28.9 | 40.8 | 28.7 | 41.9 | 48 |
| 56 | - | - | - | - | 21.3 | 32.8 | 21.8 | 33.2 | 22.4 | 34.2 | 22.0 | 32.6 | 56 |
| 64 | - | - | - | - | - | - | 17.1 | 27.3 | 17.6 | 27.5 | 17.2 | 26.3 | 64 |
| 72 | - | - | - | - | - | - | 13.7 | 22.8 | 14.2 | 22.2 | 13.7 | 22.6 | 72 |
| 80 | - | - | - | - | - | - | - | - | 11.3 | 19.1 | 10.9 | 18.7 | 80 |
| 88 | - | - | - | - | - | - | - | - | 9.3 | 15.7 | 8.8 | 15.8 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | 7.0 | 13.4 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | 5.7 | 11.5 | 104 |
| 1) | 34.6 | 34.6 | 25.1 | 25.1 | 19.0 | 19.4 | 13.2 | 15.0 | 9.5 | 11.9 | 6.2 | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 78,5 | 79,3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 67,1 | 77,7 | 59,5 | 61,6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 56,7 | 73,6 | 52,7 | 60,8 | 46,5 | 48,6 | - | - | - | - | - | - | 28 |
| 32 | 48,5 | 64,6 | 45,9 | 58,6 | 42,6 | 48,2 | 38,2 | 39,1 | - | - | - | - | 32 |
| 36 | 42,3 | 55,6 | 39,8 | 51,3 | 38,0 | 45,5 | 34,4 | 38,9 | 30,5 | 32,0 | - | - | 36 |
| 40 | 36,7 | 49,7 | 35,2 | 45,1 | 33,3 | 42,1 | 32,0 | 38,3 | 28,3 | 31,9 | 23,0 | 23,1 | 40 |
| 48 | 28,5 | 37,5 | 26,9 | 36,7 | 25,5 | 33,9 | 24,5 | 33,0 | 22,4 | 30,1 | 20,2 | 23,1 | 48 |
| 56 | 21,8 | 31,2 | 20,9 | 29,1 | 19,7 | 28,8 | 19,0 | 27,0 | 17,3 | 25,1 | 15,2 | 21,9 | 56 |
| 64 | 17,0 | 25,9 | 16,3 | 24,7 | 15,2 | 23,2 | 14,9 | 22,3 | 13,2 | 20,3 | 11,1 | 18,1 | 64 |
| 72 | 13,3 | 21,7 | 12,6 | 20,8 | 11,5 | 19,3 | 11,5 | 18,6 | 10,0 | 16,6 | 8,0 | 14,8 | 72 |
| 80 | 10,6 | 18,5 | 9,8 | 17,6 | 8,9 | 16,3 | 8,9 | 15,5 | 7,4 | 13,9 | 5,7 | 12,2 | 80 |
| 88 | 8,4 | 15,8 | 7,7 | 14,8 | 6,6 | 13,8 | 6,9 | 13,2 | 5,5 | 11,6 | 3,9 | 9,9 | 88 |
| 96 | 6,7 | 13,1 | 5,9 | 12,4 | 4,9 | 11,5 | 5,1 | 11,2 | 3,9 | 9,6 | - | 7,8 | 96 |
| 104 | 5,2 | 11,0 | 4,4 | 10,2 | 3,5 | 9,3 | 3,5 | 9,3 | 2,6 | 7,9 | - | 6,2 | 104 |
| 112 | 4,1 | 9,4 | 3,2 | 8,5 | - | 7,8 | - | 7,8 | - | 6,3 | - | 4,8 | 112 |
| 120 | - | - | - | 7,2 | - | 6,4 | - | 6,4 | - | 5,0 | - | 3,5 | 120 |
| 128 | - | - | - | 6,2 | - | 5,3 | - | 5,3 | - | 4,1 | - | 2,5 | 128 |
| 136 | - | - | - | - | - | 4,2 | - | 4,2 | - | 3,1 | - | - | 136 |
| 144 | - | - | - | - | - | - | - | 3,3 | - | 2,4 | - | - | 144 |
| 1) | 3.7 | 7.1 | - | 4.9 | - | 2.9 | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| | | 69,700 lb | | | | 25.3 ft x 15.4 ft | | | | 360° / Max.* | | | | ASME B30.5 | |
|-----|-------|-----------|---------|---------|---------|-------------------|---------|---------|---------|--------------|---------|----------|----------|------------|--|
| | | 360° | | Max. | | 360° | | Max. | | 360° | | Max. | | | |
| | | 41.0 ft | 41.0 ft | 54.5 ft | 54.5 ft | 67.9 ft | 67.9 ft | 81.4 ft | 81.4 ft | 94.8 ft | 94.8 ft | 108.3 ft | 108.3 ft | | |
| ft | | 1,000 lb | | | | | | | | | | | | ft | |
| 10 | - | 200.7 | - | 195.2 | - | 190.2 | - | 168.3 | - | - | - | - | - | 10 | |
| 12 | 162.6 | 182.6 | 164.1 | 177.9 | 164.4 | 173.5 | 162.6 | 164.9 | 128.9 | 128.9 | - | - | 12 | | |
| 14 | 145.6 | 166.5 | 147.2 | 163.2 | 147.4 | 159.0 | 147.0 | 155.4 | 126.3 | 128.0 | - | - | 14 | | |
| 16 | 131.5 | 151.9 | 133.0 | 150.8 | 133.2 | 146.7 | 128.8 | 143.2 | 118.9 | 126.7 | 98.3 | 98.3 | 16 | | |
| 18 | 118.1 | 140.0 | 120.4 | 140.3 | 120.8 | 136.7 | 114.2 | 133.3 | 107.2 | 124.2 | 92.7 | 97.5 | 18 | | |
| 20 | 104.5 | 129.1 | 107.5 | 130.4 | 108.0 | 127.3 | 103.2 | 124.0 | 94.9 | 120.7 | 87.4 | 96.7 | 20 | | |
| 24 | 76.4 | 111.7 | 80.4 | 113.2 | 81.7 | 112.3 | 81.5 | 109.4 | 77.2 | 108.4 | 72.1 | 94.8 | 24 | | |
| 28 | 59.1 | 94.2 | 62.5 | 99.6 | 63.7 | 99.6 | 63.6 | 97.6 | 62.8 | 96.8 | 62.0 | 91.3 | 28 | | |
| 32 | - | - | 50.6 | 87.9 | 51.7 | 88.0 | 51.6 | 88.4 | 52.5 | 87.3 | 52.0 | 84.5 | 32 | | |
| 36 | - | - | 42.7 | 77.5 | 43.7 | 77.6 | 43.7 | 78.9 | 44.8 | 77.9 | 44.0 | 75.9 | 36 | | |
| 40 | - | - | 31.0 | 63.2 | 37.6 | 67.9 | 38.5 | 69.4 | 37.8 | 68.7 | 38.1 | 67.4 | 40 | | |
| 48 | - | - | - | - | 29.1 | 56.4 | 29.5 | 56.2 | 29.5 | 55.3 | 29.3 | 54.0 | 48 | | |
| 56 | - | - | - | - | 23.0 | 39.1 | 23.3 | 46.0 | 23.4 | 45.1 | 23.6 | 43.7 | 56 | | |
| 64 | - | - | - | - | - | - | 19.1 | 37.7 | 19.3 | 36.8 | 19.1 | 35.5 | 64 | | |
| 72 | - | - | - | - | - | - | 15.7 | 25.4 | 15.9 | 30.6 | 15.7 | 31.6 | 72 | | |
| 80 | - | - | - | - | - | - | - | - | 13.6 | 25.6 | 13.3 | 27.1 | 80 | | |
| 88 | - | - | - | - | - | - | - | - | 11.6 | 15.7 | 11.3 | 23.4 | 88 | | |
| 96 | - | - | - | - | - | - | - | - | - | - | 9.7 | 18.6 | 96 | | |
| 104 | - | - | - | - | - | - | - | - | - | - | 8.3 | 15.3 | 104 | | |
| 1) | 34.6 | 34.6 | 25.1 | 25.1 | 19.4 | 19.4 | 15.0 | 15.0 | 11.9 | 11.9 | 9.0 | 9.0 | 1) | | |

| | | 360° | | Max. | | 360° | | Max. | | 360° | | Max. | | | |
|-----|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|--|
| | | 121.7 ft | 121.7 ft | 135.2 ft | 135.2 ft | 148.6 ft | 148.6 ft | 162.1 ft | 162.1 ft | 175.5 ft | 175.5 ft | 196.2 ft | 196.2 ft | | |
| ft | | 1,000 lb | | | | | | | | | | | | ft | |
| 20 | 78.3 | 79.3 | - | - | - | - | - | - | - | - | - | - | - | 20 | |
| 24 | 67.3 | 77.7 | 59.9 | 61.6 | - | - | - | - | - | - | - | - | - | 24 | |
| 28 | 58.0 | 73.6 | 53.4 | 60.8 | 47.9 | 48.6 | - | - | - | - | - | - | - | 28 | |
| 32 | 50.3 | 68.7 | 48.1 | 58.6 | 44.1 | 48.2 | 39.1 | 39.1 | - | - | - | - | - | 32 | |
| 36 | 43.6 | 63.4 | 42.2 | 55.4 | 39.7 | 46.9 | 36.2 | 38.9 | 32.0 | 32.0 | - | - | - | 36 | |
| 40 | 37.4 | 58.1 | 37.4 | 52.1 | 36.7 | 45.3 | 34.0 | 38.6 | 31.5 | 31.9 | 23.1 | 23.1 | 40 | | |
| 48 | 29.2 | 49.3 | 28.8 | 45.4 | 28.0 | 40.7 | 28.2 | 36.3 | 26.6 | 31.4 | 22.7 | 23.1 | 48 | | |
| 56 | 23.3 | 42.2 | 22.7 | 39.3 | 22.0 | 36.3 | 22.0 | 33.1 | 21.4 | 29.8 | 19.7 | 23.1 | 56 | | |
| 64 | 18.9 | 36.5 | 18.4 | 33.9 | 17.7 | 32.0 | 17.7 | 29.8 | 17.1 | 27.9 | 16.1 | 23.0 | 64 | | |
| 72 | 15.5 | 30.6 | 15.1 | 29.2 | 14.4 | 28.1 | 14.4 | 26.7 | 13.7 | 25.6 | 13.1 | 22.1 | 72 | | |
| 80 | 13.1 | 25.8 | 12.5 | 25.5 | 12.0 | 24.4 | 12.0 | 23.8 | 11.3 | 23.2 | 10.7 | 20.7 | 80 | | |
| 88 | 11.1 | 22.1 | 10.6 | 22.5 | 9.9 | 21.4 | 9.9 | 21.2 | 9.3 | 20.9 | 8.6 | 19.0 | 88 | | |
| 96 | 9.4 | 19.7 | 8.9 | 19.6 | 8.3 | 18.8 | 8.3 | 19.0 | 7.7 | 18.5 | 7.0 | 17.2 | 96 | | |
| 104 | 8.1 | 18.1 | 7.4 | 17.1 | 7.0 | 17.0 | 7.0 | 16.6 | 6.3 | 16.0 | 5.7 | 15.6 | 104 | | |
| 112 | 7.0 | 12.3 | 6.3 | 14.9 | 5.9 | 14.9 | 5.9 | 14.2 | 5.2 | 14.4 | 4.3 | 13.6 | 112 | | |
| 120 | - | - | 5.5 | 13.3 | 4.8 | 13.4 | 4.8 | 12.4 | 3.9 | 12.6 | 3.1 | 11.7 | 120 | | |
| 128 | - | - | 4.5 | 11.7 | 3.9 | 11.9 | 3.9 | 11.2 | 3.0 | 11.0 | - | 10.1 | 128 | | |
| 136 | - | - | - | - | 3.0 | 10.1 | 3.0 | 10.3 | - | 9.6 | - | 8.7 | 136 | | |
| 144 | - | - | - | - | - | - | - | 9.3 | - | 8.4 | - | 7.5 | 144 | | |
| 152 | - | - | - | - | - | - | - | - | - | 7.4 | - | 6.3 | 152 | | |
| 160 | - | - | - | - | - | - | - | - | - | 6.4 | - | 5.4 | 160 | | |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 4.5 | 168 | | |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 3.8 | 176 | | |
| 1) | 6.8 | 7.1 | 4.6 | 4.9 | 2.6 | 2.9 | - | - | - | - | - | - | 1) | | |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| 57,800 lb | | 25.3 ft x 15.4 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 181.0 | 200.7 | 182.4 | 195.2 | 182.6 | 190.2 | 168.2 | 168.3 | - | - | - | - | 10 |
| 12 | 160.2 | 182.6 | 161.8 | 177.9 | 162.0 | 173.5 | 158.7 | 164.9 | 127.6 | 128.9 | - | - | 12 |
| 14 | 143.4 | 166.5 | 145.1 | 163.2 | 145.2 | 159.0 | 132.8 | 155.4 | 120.1 | 128.0 | - | - | 14 |
| 16 | 129.4 | 151.9 | 131.2 | 150.8 | 126.2 | 146.7 | 117.6 | 143.2 | 106.5 | 126.7 | 95.4 | 98.3 | 16 |
| 18 | 110.9 | 140.0 | 113.2 | 140.3 | 109.8 | 136.7 | 103.6 | 133.3 | 94.2 | 124.2 | 86.5 | 97.5 | 18 |
| 20 | 92.0 | 129.1 | 94.8 | 130.4 | 98.1 | 127.3 | 90.9 | 124.0 | 83.1 | 120.7 | 78.2 | 96.7 | 20 |
| 24 | 66.8 | 111.7 | 70.9 | 113.2 | 72.1 | 112.3 | 71.9 | 109.4 | 67.8 | 108.4 | 65.8 | 94.8 | 24 |
| 28 | 51.5 | 94.2 | 55.0 | 98.3 | 56.1 | 98.5 | 55.9 | 97.0 | 57.1 | 96.8 | 55.2 | 91.3 | 28 |
| 32 | - | - | 44.2 | 84.6 | 46.0 | 84.7 | 46.8 | 86.1 | 46.5 | 85.3 | 45.8 | 83.7 | 32 |
| 36 | - | - | 37.2 | 74.2 | 39.1 | 74.3 | 39.9 | 75.9 | 39.3 | 75.1 | 39.3 | 74.0 | 36 |
| 40 | - | - | 26.3 | 60.7 | 33.3 | 67.0 | 33.7 | 66.6 | 33.7 | 65.7 | 33.7 | 64.6 | 40 |
| 48 | - | - | - | - | 25.1 | 53.5 | 25.5 | 53.2 | 26.0 | 52.5 | 25.7 | 51.1 | 48 |
| 56 | - | - | - | - | 19.8 | 37.4 | 20.0 | 42.3 | 20.5 | 41.4 | 20.3 | 39.9 | 56 |
| 64 | - | - | - | - | - | - | 16.1 | 34.4 | 16.6 | 33.3 | 16.4 | 34.2 | 64 |
| 72 | - | - | - | - | - | - | 13.3 | 25.4 | 13.7 | 28.5 | 13.3 | 29.0 | 72 |
| 80 | - | - | - | - | - | - | - | - | 11.4 | 24.9 | 11.2 | 24.3 | 80 |
| 88 | - | - | - | - | - | - | - | - | 9.7 | 15.7 | 9.4 | 21.0 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | 7.9 | 17.8 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | 6.7 | 15.3 | 104 |
| 1) | 34.6 | 34.6 | 25.1 | 25.1 | 17.9 | 19.4 | 13.0 | 15.0 | 9.9 | 11.9 | 7.3 | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 72.4 | 79.3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 59.8 | 77.7 | 55.4 | 61.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 51.9 | 73.6 | 48.7 | 60.8 | 43.9 | 48.6 | - | - | - | - | - | - | 28 |
| 32 | 45.5 | 68.7 | 43.3 | 58.6 | 40.8 | 48.2 | 36.9 | 39.1 | - | - | - | - | 32 |
| 36 | 38.8 | 63.4 | 37.9 | 55.4 | 36.1 | 46.9 | 33.2 | 38.9 | 29.9 | 32.0 | - | - | 36 |
| 40 | 33.7 | 58.1 | 32.8 | 52.1 | 31.6 | 45.3 | 30.4 | 38.6 | 27.8 | 31.9 | 23.0 | 23.1 | 40 |
| 48 | 25.5 | 48.9 | 24.9 | 45.4 | 24.2 | 40.7 | 24.1 | 36.3 | 22.3 | 31.4 | 20.2 | 23.1 | 48 |
| 56 | 20.0 | 40.7 | 19.6 | 38.4 | 18.8 | 36.3 | 18.9 | 33.1 | 18.0 | 29.8 | 16.1 | 23.1 | 56 |
| 64 | 16.1 | 33.2 | 15.7 | 31.9 | 15.0 | 31.1 | 15.0 | 29.8 | 14.4 | 27.9 | 12.8 | 23.0 | 64 |
| 72 | 13.3 | 27.5 | 12.6 | 27.8 | 12.0 | 26.8 | 12.0 | 26.1 | 11.3 | 25.6 | 10.2 | 22.1 | 72 |
| 80 | 10.9 | 23.5 | 10.5 | 23.5 | 9.8 | 22.4 | 9.8 | 23.0 | 9.2 | 22.4 | 8.1 | 20.7 | 80 |
| 88 | 9.2 | 21.1 | 8.7 | 20.2 | 8.1 | 20.2 | 8.1 | 19.7 | 7.4 | 19.3 | 6.3 | 18.7 | 88 |
| 96 | 7.7 | 18.5 | 7.2 | 17.3 | 6.6 | 17.7 | 6.6 | 16.8 | 5.9 | 17.0 | 4.8 | 16.0 | 96 |
| 104 | 6.5 | 16.0 | 5.9 | 15.8 | 5.4 | 15.3 | 5.4 | 14.7 | 4.6 | 14.6 | 3.5 | 13.5 | 104 |
| 112 | 5.5 | 12.3 | 5.0 | 13.8 | 4.1 | 13.4 | 4.1 | 13.4 | 3.5 | 12.5 | - | 11.6 | 112 |
| 120 | - | - | 3.9 | 12.3 | 3.1 | 11.7 | 3.1 | 11.7 | - | 10.9 | - | 10.0 | 120 |
| 128 | - | - | 3.1 | 11.1 | - | 10.2 | - | 10.2 | - | 9.4 | - | 8.5 | 128 |
| 136 | - | - | - | - | - | 8.9 | - | 8.9 | - | 8.0 | - | 7.1 | 136 |
| 144 | - | - | - | - | - | - | - | 7.8 | - | 6.9 | - | 5.8 | 144 |
| 152 | - | - | - | - | - | - | - | - | - | 5.8 | - | 5.0 | 152 |
| 160 | - | - | - | - | - | - | - | - | - | 5.0 | - | 4.2 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 3.4 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 2.7 | 176 |
| 1) | 5.3 | 7.1 | 3.1 | 4.9 | - | 2.9 | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| 23,600 lb | | 25.3 ft x 15.4 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 173.2 | 200.7 | 173.2 | 195.2 | 148.5 | 190.2 | 131.3 | 168.3 | - | - | - | - | 10 |
| 12 | 149.5 | 182.6 | 135.0 | 177.9 | 121.2 | 173.5 | 106.2 | 164.9 | 94.5 | 128.9 | - | - | 12 |
| 14 | 118.3 | 166.5 | 108.5 | 163.2 | 99.2 | 159.0 | 88.3 | 155.4 | 82.2 | 128.0 | - | - | 14 |
| 16 | 90.1 | 151.9 | 90.9 | 150.8 | 83.2 | 146.7 | 77.0 | 143.2 | 70.7 | 126.7 | 65.3 | 98.3 | 16 |
| 18 | 71.9 | 139.3 | 75.6 | 140.0 | 72.0 | 136.7 | 68.3 | 133.3 | 62.3 | 124.2 | 58.6 | 97.5 | 18 |
| 20 | 57.0 | 126.9 | 61.6 | 129.1 | 63.4 | 126.7 | 59.6 | 123.7 | 56.0 | 120.2 | 51.9 | 96.7 | 20 |
| 24 | 40.4 | 102.6 | 44.4 | 104.6 | 47.2 | 104.8 | 47.1 | 103.8 | 45.3 | 104.0 | 42.3 | 91.3 | 24 |
| 28 | 30.2 | 85.2 | 33.7 | 87.2 | 36.4 | 87.2 | 36.9 | 87.1 | 36.8 | 82.2 | 35.1 | 75.6 | 28 |
| 32 | - | - | 26.6 | 72.0 | 29.1 | 74.6 | 29.5 | 71.1 | 30.0 | 67.4 | 29.3 | 62.5 | 32 |
| 36 | - | - | 21.9 | 59.2 | 24.1 | 60.7 | 24.6 | 59.6 | 25.1 | 56.8 | 24.7 | 53.7 | 36 |
| 40 | - | - | 12.8 | 43.5 | 19.8 | 50.7 | 20.3 | 50.7 | 20.9 | 48.7 | 20.5 | 48.6 | 40 |
| 48 | - | - | - | - | 14.5 | 37.9 | 15.0 | 37.7 | 15.4 | 38.8 | 15.1 | 36.5 | 48 |
| 56 | - | - | - | - | 10.8 | 29.7 | 11.3 | 29.9 | 11.6 | 30.0 | 11.4 | 28.9 | 56 |
| 64 | - | - | - | - | - | - | 8.6 | 23.9 | 9.0 | 23.7 | 8.6 | 23.7 | 64 |
| 72 | - | - | - | - | - | - | 6.7 | 19.3 | 7.1 | 19.3 | 6.7 | 19.3 | 72 |
| 80 | - | - | - | - | - | - | - | - | 5.5 | 16.1 | 5.3 | 15.8 | 80 |
| 88 | - | - | - | - | - | - | - | - | 4.3 | 13.5 | 4.0 | 13.1 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | 2.8 | 11.1 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | - | 9.5 | 104 |
| 1) | 22.9 | 34.6 | 13.9 | 25.1 | 9.5 | 19.4 | 6.4 | 15.0 | 4.4 | 11.9 | 2.2 | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 48.2 | 79.3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 39.4 | 77.6 | 36.0 | 61.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 32.8 | 68.3 | 30.1 | 59.9 | 27.9 | 48.6 | - | - | - | - | - | - | 28 |
| 32 | 27.8 | 59.1 | 25.3 | 53.8 | 23.5 | 48.2 | 22.3 | 39.1 | - | - | - | - | 32 |
| 36 | 23.8 | 50.9 | 21.9 | 46.4 | 20.2 | 42.8 | 19.2 | 37.9 | 17.1 | 32.0 | - | - | 36 |
| 40 | 20.1 | 43.6 | 18.8 | 41.9 | 17.3 | 38.3 | 16.4 | 36.4 | 14.5 | 31.7 | 12.5 | 23.1 | 40 |
| 48 | 15.0 | 35.3 | 14.0 | 33.0 | 12.9 | 32.3 | 12.3 | 30.0 | 10.6 | 27.1 | 8.9 | 22.8 | 48 |
| 56 | 11.2 | 28.2 | 10.6 | 27.3 | 9.6 | 25.6 | 9.2 | 24.6 | 7.6 | 22.6 | 6.0 | 20.1 | 56 |
| 64 | 8.6 | 23.1 | 8.0 | 22.2 | 7.1 | 20.5 | 6.8 | 19.8 | 5.5 | 18.1 | 3.9 | 16.2 | 64 |
| 72 | 6.4 | 19.0 | 6.0 | 18.4 | 5.1 | 17.3 | 4.9 | 16.2 | 3.6 | 14.6 | - | 12.6 | 72 |
| 80 | 5.1 | 15.6 | 4.4 | 15.0 | 3.5 | 14.1 | 3.3 | 13.7 | - | 12.0 | - | 10.0 | 80 |
| 88 | 3.7 | 12.9 | 3.1 | 12.1 | - | 11.2 | - | 11.1 | - | 9.6 | - | 8.0 | 88 |
| 96 | - | 10.9 | - | 10.2 | - | 9.2 | - | 8.9 | - | 7.6 | - | 6.2 | 96 |
| 104 | - | 9.2 | - | 8.6 | - | 7.7 | - | 7.3 | - | 6.1 | - | 4.6 | 104 |
| 112 | - | 7.6 | - | 7.0 | - | 6.1 | - | 6.1 | - | 4.8 | - | 3.5 | 112 |
| 120 | - | - | - | 5.7 | - | 4.8 | - | 4.8 | - | 3.7 | - | - | 120 |
| 128 | - | - | - | 4.6 | - | 3.9 | - | 3.9 | - | 2.8 | - | - | 128 |
| 136 | - | - | - | - | - | 3.0 | - | 3.0 | - | - | - | - | 136 |
| 144 | - | - | - | - | - | - | - | 2.2 | - | - | - | - | 144 |
| 1) | - | 7.1 | - | 4.9 | - | 2.6 | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

| 19,000 lb | | 25.3 ft x 15.4 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|-----------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 171.7 | 200.7 | 164.6 | 195.2 | 137.5 | 190.2 | 121.7 | 168.3 | - | - | - | - | 10 |
| 12 | 142.7 | 182.6 | 124.9 | 177.9 | 112.4 | 173.5 | 98.1 | 164.9 | 89.9 | 128.9 | - | - | 12 |
| 14 | 109.6 | 166.5 | 101.8 | 163.2 | 91.8 | 159.0 | 82.7 | 155.4 | 76.1 | 128.0 | - | - | 14 |
| 16 | 83.1 | 151.9 | 83.9 | 150.8 | 76.8 | 146.7 | 72.2 | 143.2 | 65.9 | 126.7 | 61.0 | 98.3 | 16 |
| 18 | 66.2 | 138.1 | 69.8 | 138.8 | 67.1 | 136.7 | 63.1 | 133.3 | 58.8 | 124.2 | 54.1 | 97.5 | 18 |
| 20 | 52.2 | 124.5 | 56.8 | 126.7 | 58.7 | 126.5 | 55.0 | 123.5 | 51.6 | 119.6 | 47.7 | 96.5 | 20 |
| 24 | 36.8 | 100.7 | 40.7 | 102.7 | 43.7 | 102.8 | 43.3 | 101.9 | 41.6 | 97.9 | 38.7 | 87.8 | 24 |
| 28 | 27.3 | 82.3 | 30.9 | 85.0 | 33.5 | 84.5 | 34.0 | 81.9 | 33.9 | 77.2 | 32.1 | 70.0 | 28 |
| 32 | - | - | 24.1 | 69.1 | 26.6 | 70.0 | 27.0 | 67.1 | 27.7 | 63.5 | 26.8 | 58.5 | 32 |
| 36 | - | - | 19.7 | 56.1 | 22.0 | 57.3 | 22.5 | 56.6 | 23.0 | 53.7 | 22.6 | 51.6 | 36 |
| 40 | - | - | 11.1 | 40.5 | 18.1 | 48.6 | 18.5 | 48.1 | 19.0 | 45.8 | 18.7 | 44.5 | 40 |
| 48 | - | - | - | - | 13.1 | 35.4 | 13.5 | 35.2 | 13.9 | 36.2 | 13.6 | 33.7 | 48 |
| 56 | - | - | - | - | 9.7 | 27.5 | 10.1 | 28.1 | 10.4 | 27.3 | 10.2 | 27.7 | 56 |
| 64 | - | - | - | - | - | - | 7.5 | 21.8 | 7.9 | 21.9 | 7.7 | 21.7 | 64 |
| 72 | - | - | - | - | - | - | 5.8 | 17.5 | 6.0 | 17.7 | 5.8 | 17.5 | 72 |
| 80 | - | - | - | - | - | - | - | - | 4.7 | 14.6 | 4.4 | 14.3 | 80 |
| 88 | - | - | - | - | - | - | - | - | 3.6 | 12.3 | 3.1 | 11.9 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | - | 10.1 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | - | 8.5 | 104 |
| 1) | 20.5 | 34.6 | 12.3 | 25.1 | 8.4 | 19.4 | 5.5 | 15.0 | 3.5 | 11.9 | - | 9.0 | 1) |

| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 44.3 | 79.3 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 36.2 | 75.6 | 32.9 | 61.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 30.1 | 63.9 | 27.3 | 57.5 | 25.2 | 48.6 | - | - | - | - | - | - | 28 |
| 32 | 25.3 | 55.2 | 22.9 | 50.3 | 21.3 | 45.7 | 19.9 | 39.1 | - | - | - | - | 32 |
| 36 | 21.7 | 46.6 | 19.6 | 44.3 | 18.1 | 40.6 | 17.0 | 36.5 | 15.2 | 32.0 | - | - | 36 |
| 40 | 18.3 | 41.9 | 16.6 | 38.5 | 15.3 | 37.6 | 14.5 | 34.6 | 12.7 | 31.4 | 10.7 | 23.1 | 40 |
| 48 | 13.5 | 32.7 | 12.3 | 31.5 | 11.2 | 29.7 | 10.6 | 28.0 | 9.1 | 25.4 | 7.2 | 22.1 | 48 |
| 56 | 9.9 | 26.6 | 9.2 | 24.6 | 8.2 | 23.2 | 7.8 | 22.3 | 6.2 | 20.4 | 4.7 | 18.1 | 56 |
| 64 | 7.5 | 21.4 | 6.8 | 20.2 | 5.9 | 18.6 | 5.5 | 17.8 | 4.1 | 16.0 | - | 14.2 | 64 |
| 72 | 5.6 | 17.3 | 4.9 | 16.4 | 4.0 | 15.3 | 3.8 | 14.6 | 2.5 | 12.8 | - | 10.9 | 72 |
| 80 | 4.2 | 13.9 | 3.5 | 13.2 | - | 12.4 | - | 12.0 | - | 10.5 | - | 8.7 | 80 |
| 88 | 2.9 | 11.7 | - | 10.7 | - | 9.8 | - | 9.7 | - | 8.4 | - | 6.9 | 88 |
| 96 | - | 9.8 | - | 9.1 | - | 8.0 | - | 7.8 | - | 6.7 | - | 5.1 | 96 |
| 104 | - | 8.1 | - | 7.5 | - | 6.6 | - | 6.2 | - | 5.0 | - | 3.7 | 104 |
| 112 | - | 6.8 | - | 6.1 | - | 5.2 | - | 5.0 | - | 3.9 | - | - | 112 |
| 120 | - | - | - | 4.9 | - | 4.2 | - | 4.0 | - | 2.8 | - | - | 120 |
| 128 | - | - | - | 4.0 | - | 3.2 | - | 3.1 | - | - | - | - | 128 |
| 136 | - | - | - | - | - | 2.4 | - | - | - | - | - | - | 136 |
| 1) | - | 6.6 | - | 4.0 | - | - | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

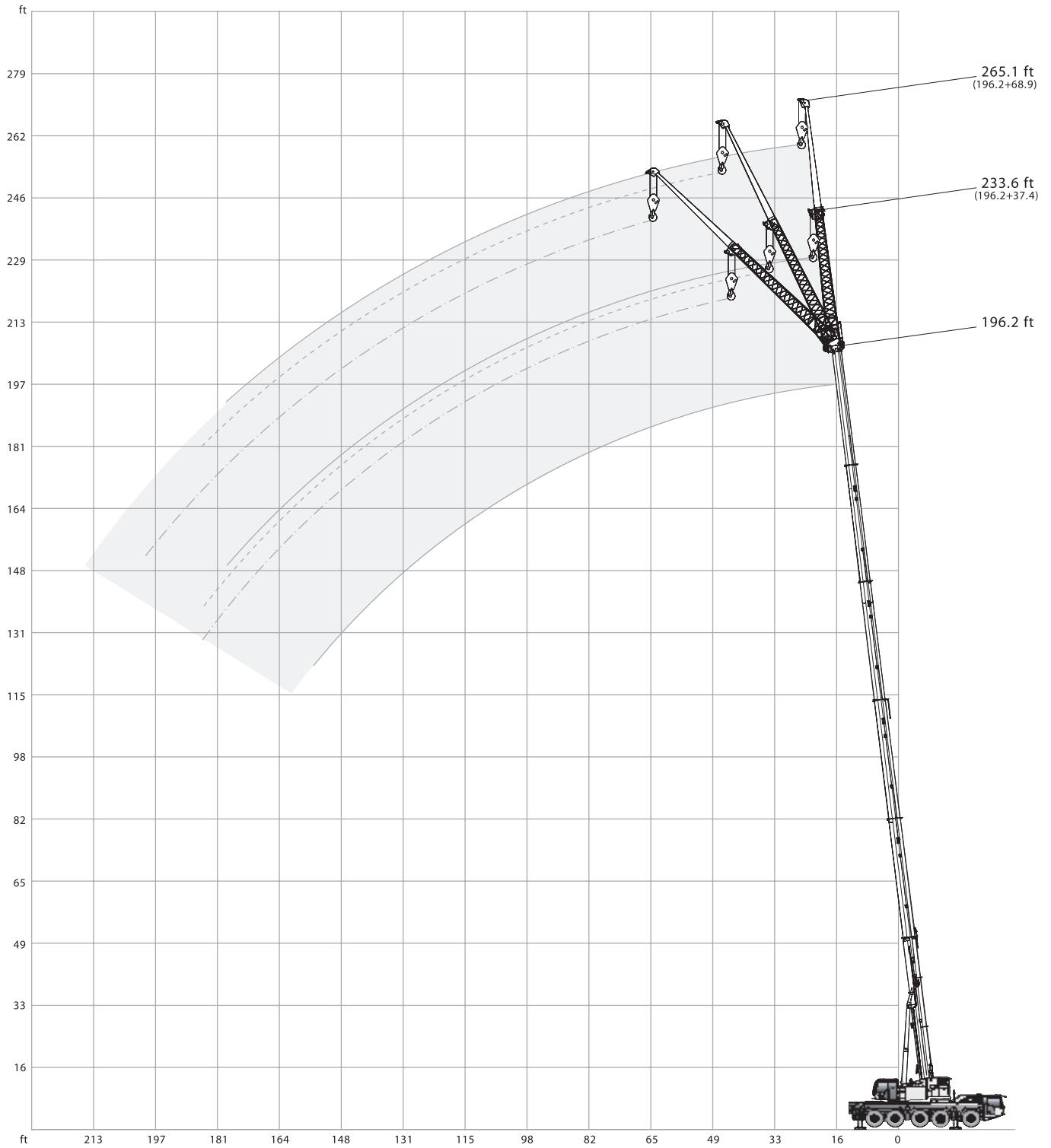
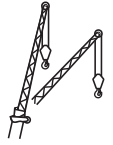
| 8,200 lb | | 25.3 ft x 8.4 ft | | | | 360° / Max.* | | | | ASME B30.5 | | | |
|----------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|-----|
| ft | 360° 41.0 ft | Max. 41.0 ft | 360° 54.5 ft | Max. 54.5 ft | 360° 67.9 ft | Max. 67.9 ft | 360° 81.4 ft | Max. 81.4 ft | 360° 94.8 ft | Max. 94.8 ft | 360° 108.3 ft | Max. 108.3 ft | ft |
| 1,000 lb | | | | | | | | | | | | | |
| 10 | 53.5 | 200.7 | 51.4 | 195.2 | 48.5 | 164.8 | 44.6 | 103.3 | - | - | - | - | 10 |
| 12 | 41.2 | 182.6 | 41.6 | 177.9 | 40.1 | 167.2 | 37.2 | 104.7 | 33.1 | 75.4 | - | - | 12 |
| 14 | 30.6 | 166.5 | 34.2 | 163.2 | 33.7 | 159.0 | 31.5 | 106.4 | 29.3 | 76.2 | - | - | 14 |
| 16 | 23.5 | 151.9 | 27.5 | 150.8 | 28.7 | 146.7 | 26.9 | 108.5 | 25.2 | 77.2 | 22.9 | 59.0 | 16 |
| 18 | 18.9 | 135.5 | 22.6 | 136.3 | 24.6 | 134.3 | 23.4 | 110.8 | 22.1 | 76.1 | 20.1 | 59.5 | 18 |
| 20 | 15.0 | 119.3 | 18.3 | 121.4 | 20.7 | 120.6 | 20.3 | 110.5 | 19.3 | 76.3 | 17.5 | 59.5 | 20 |
| 24 | 9.8 | 93.5 | 13.0 | 94.3 | 15.2 | 89.9 | 15.6 | 82.0 | 15.2 | 72.9 | 13.7 | 59.3 | 24 |
| 28 | 6.3 | 67.4 | 9.3 | 71.4 | 11.4 | 67.7 | 11.8 | 62.3 | 11.9 | 58.6 | 10.7 | 55.1 | 28 |
| 32 | - | - | 6.7 | 52.8 | 8.6 | 53.0 | 9.1 | 49.5 | 9.5 | 48.9 | 8.4 | 45.2 | 32 |
| 36 | - | - | 4.6 | 42.3 | 6.8 | 43.0 | 7.2 | 42.3 | 7.6 | 40.8 | 6.6 | 39.2 | 36 |
| 40 | - | - | - | 25.6 | 5.1 | 35.2 | 5.5 | 35.9 | 6.0 | 34.9 | 5.1 | 33.4 | 40 |
| 48 | - | - | - | - | - | 25.1 | - | 25.2 | - | 25.6 | - | 24.7 | 48 |
| 56 | - | - | - | - | - | 18.8 | - | 18.8 | - | 19.0 | - | 18.8 | 56 |
| 64 | - | - | - | - | - | - | - | 14.9 | - | 15.3 | - | 14.6 | 64 |
| 72 | - | - | - | - | - | - | - | 12.0 | - | 12.2 | - | 11.7 | 72 |
| 80 | - | - | - | - | - | - | - | - | - | 10.0 | - | 9.4 | 80 |
| 88 | - | - | - | - | - | - | - | - | - | 8.1 | - | 7.4 | 88 |
| 96 | - | - | - | - | - | - | - | - | - | - | - | 6.1 | 96 |
| 104 | - | - | - | - | - | - | - | - | - | - | - | 5.0 | 104 |
| 1) | 3.1 | 34.6 | - | 25.1 | - | 16.5 | - | 11.9 | - | 8.4 | - | 5.5 | 1) |





| ft | 360° 121.7 ft | Max. 121.7 ft | 360° 135.2 ft | Max. 135.2 ft | 360° 148.6 ft | Max. 148.6 ft | 360° 162.1 ft | Max. 162.1 ft | 360° 175.5 ft | Max. 175.5 ft | 360° 196.2 ft | Max. 196.2 ft | ft |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----|
| 1,000 lb | | | | | | | | | | | | | |
| 20 | 16.0 | 46.8 | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 12.5 | 47.7 | 10.5 | 37.6 | - | - | - | - | - | - | - | - | 24 |
| 28 | 9.7 | 47.7 | 8.0 | 38.2 | - | 30.8 | - | - | - | - | - | - | 28 |
| 32 | 7.5 | 43.5 | 5.9 | 38.9 | - | 31.2 | - | 25.1 | - | - | - | - | 32 |
| 36 | 5.8 | 37.4 | 4.4 | 34.4 | - | 29.6 | - | 25.5 | - | 20.1 | - | - | 36 |
| 40 | 4.2 | 31.5 | - | 29.1 | - | 27.2 | - | 25.3 | - | 20.2 | - | 15.3 | 40 |
| 48 | - | 23.5 | - | 21.5 | - | 20.3 | - | 19.5 | - | 17.8 | - | 15.0 | 48 |
| 56 | - | 18.2 | - | 17.0 | - | 15.7 | - | 15.1 | - | 13.7 | - | 11.9 | 56 |
| 64 | - | 14.4 | - | 13.4 | - | 12.3 | - | 11.8 | - | 10.4 | - | 8.6 | 64 |
| 72 | - | 11.3 | - | 10.6 | - | 9.7 | - | 9.1 | - | 7.8 | - | 6.0 | 72 |
| 80 | - | 8.9 | - | 8.3 | - | 7.4 | - | 7.0 | - | 5.7 | - | 4.1 | 80 |
| 88 | - | 7.2 | - | 6.3 | - | 5.4 | - | 5.4 | - | 4.1 | - | - | 88 |
| 96 | - | 5.7 | - | 4.9 | - | 4.1 | - | 3.9 | - | 2.6 | - | - | 96 |
| 104 | - | 4.4 | - | 3.7 | - | 2.8 | - | 2.8 | - | - | - | - | 104 |
| 112 | - | 3.5 | - | - | - | - | - | - | - | - | - | - | 112 |
| 1) | - | 3.3 | - | - | - | - | - | - | - | - | - | - | 1) |





1) Capacities with horizontal boom





* Max. values are valid only for specific superstructure positions





A large rectangular area with horizontal lines, intended for taking notes.



| 93,000 lb | | 25.3 ft x 23.0 ft | | 360° | | | ASME B30.5 | | |
|---|------|-------------------|------|------|------|-----|------------|--|--|
|  41.0 ft | | | | | | | | | |
|   37.4 ft | | | | | | | | | |
|  68.9 ft | | | | | | | | | |
| ft 0° 20° 40° 0° 20° 40° | | | | | | | | | |
| 1,000 lb | | | | | | | | | |
| 10 | 36.6 | - | - | 22.0 | - | - | | | |
| 12 | 36.6 | - | - | 21.8 | - | - | | | |
| 14 | 36.6 | - | - | 21.7 | - | - | | | |
| 16 | 36.6 | - | - | 21.4 | - | - | | | |
| 18 | 36.6 | - | - | 21.2 | - | - | | | |
| 20 | 36.6 | 34.6 | - | 20.9 | - | - | | | |
| 24 | 36.6 | 31.9 | - | 20.4 | - | - | | | |
| 28 | 36.6 | 29.5 | - | 19.7 | - | - | | | |
| 32 | 35.3 | 27.5 | 22.5 | 18.9 | - | - | | | |
| 36 | 32.6 | 25.8 | 21.5 | 17.9 | - | - | | | |
| 40 | 29.9 | 24.3 | 20.6 | 16.8 | 13.6 | - | | | |
| 48 | 25.8 | 21.7 | 19.3 | 14.9 | 12.3 | - | | | |
| 56 | 22.5 | 19.9 | 18.6 | 13.2 | 11.2 | 9.7 | | | |
| 64 | 19.9 | 18.9 | - | 11.7 | 10.3 | 9.1 | | | |
| 72 | - | - | - | 10.6 | 9.5 | 8.6 | | | |
| 80 | - | - | - | 9.8 | 9.0 | 8.3 | | | |
| 88 | - | - | - | 9.1 | 8.5 | 8.2 | | | |
| 96 | - | - | - | 8.5 | 8.2 | - | | | |

| | | | | | | | | | |
|---|------|------|------|------|------|-----|--|--|--|
|  108.3 ft | | | | | | | | | |
|   37.4 ft | | | | | | | | | |
|  68.9 ft | | | | | | | | | |
| ft 0° 20° 40° 0° 20° 40° | | | | | | | | | |
| 1,000 lb | | | | | | | | | |
| 20 | 36.6 | - | - | - | - | - | | | |
| 24 | 36.6 | - | - | 17.0 | - | - | | | |
| 28 | 36.6 | - | - | 16.9 | - | - | | | |
| 32 | 36.6 | - | - | 16.6 | - | - | | | |
| 36 | 36.6 | - | - | 16.3 | - | - | | | |
| 40 | 36.5 | 28.7 | - | 16.1 | - | - | | | |
| 48 | 35.0 | 26.9 | 21.2 | 15.6 | - | - | | | |
| 56 | 31.5 | 25.0 | 20.4 | 15.2 | 12.7 | - | | | |
| 64 | 28.4 | 23.3 | 19.7 | 14.7 | 11.8 | - | | | |
| 72 | 25.8 | 21.6 | 19.2 | 14.3 | 11.3 | - | | | |
| 80 | 23.8 | 20.3 | 18.6 | 13.8 | 10.7 | 9.0 | | | |
| 88 | 22.2 | 19.3 | 17.9 | 13.0 | 10.2 | 8.7 | | | |
| 96 | 20.7 | 18.3 | 17.4 | 12.1 | 9.6 | 8.5 | | | |
| 104 | 18.4 | 17.5 | 17.0 | 11.3 | 9.3 | 8.2 | | | |
| 112 | 16.0 | 16.6 | 16.6 | 10.8 | 9.0 | 8.1 | | | |
| 120 | 14.0 | 14.5 | - | 10.0 | 8.8 | 7.9 | | | |
| 128 | 12.7 | 12.8 | - | 9.6 | 8.5 | 7.9 | | | |
| 136 | 7.6 | 7.6 | - | 9.2 | 8.2 | 7.9 | | | |
| 144 | - | - | - | 8.8 | 8.2 | 7.9 | | | |
| 152 | - | - | - | 8.6 | 8.2 | - | | | |
| 160 | - | - | - | 8.0 | 7.9 | - | | | |

| | | | | | | | | | |
|---|------|------|------|-----|-----|-----|--|--|--|
|  175.5 ft | | | | | | | | | |
|   37.4 ft | | | | | | | | | |
|  68.9 ft | | | | | | | | | |
| ft 0° 20° 40° 0° 20° 40° | | | | | | | | | |
| 1,000 lb | | | | | | | | | |
| 40 | 16.1 | - | - | - | - | - | | | |
| 48 | 16.1 | - | - | 9.0 | - | - | | | |
| 56 | 16.1 | - | - | 9.0 | - | - | | | |
| 64 | 16.1 | 16.1 | - | 9.0 | - | - | | | |
| 72 | 16.1 | 16.1 | - | 9.0 | - | - | | | |
| 80 | 16.1 | 16.0 | 15.5 | 9.0 | 9.0 | - | | | |
| 88 | 15.6 | 15.1 | 14.5 | 9.0 | 9.0 | - | | | |
| 96 | 14.7 | 14.1 | 13.8 | 9.0 | 9.0 | - | | | |
| 104 | 13.8 | 13.3 | 13.1 | 9.0 | 9.0 | 8.2 | | | |
| 112 | 12.7 | 12.3 | 12.3 | 9.0 | 9.0 | 8.1 | | | |
| 120 | 11.9 | 11.5 | 11.5 | 8.8 | 8.7 | 7.9 | | | |
| 128 | 10.7 | 10.8 | 10.8 | 8.5 | 8.3 | 7.8 | | | |
| 136 | 9.3 | 9.9 | 10.1 | 8.2 | 7.8 | 7.6 | | | |
| 144 | 8.4 | 8.7 | 9.1 | 7.7 | 7.5 | 7.3 | | | |
| 152 | 7.4 | 7.8 | 7.9 | 6.9 | 7.0 | 7.0 | | | |
| 160 | 6.3 | 6.9 | 7.2 | 6.0 | 6.7 | 6.5 | | | |
| 168 | 5.3 | 5.9 | 6.1 | 5.3 | 5.9 | 6.1 | | | |
| 176 | 4.5 | 5.0 | 5.0 | 4.5 | 5.1 | 5.6 | | | |
| 184 | 3.7 | 4.0 | - | 3.7 | 4.5 | 4.8 | | | |
| 192 | - | - | - | - | 3.8 | 4.2 | | | |
| 200 | - | - | - | - | 3.0 | 3.4 | | | |

| | | | | | | | | | |
|---|------|------|------|-----|-----|-----|--|--|--|
|  196.2 ft | | | | | | | | | |
|   37.4 ft | | | | | | | | | |
|  68.9 ft | | | | | | | | | |
| ft 0° 20° 40° 0° 20°* 40°* | | | | | | | | | |
| 1,000 lb | | | | | | | | | |
| 48 | 11.7 | - | - | - | - | - | | | |
| 56 | 11.7 | - | - | 6.6 | - | - | | | |
| 64 | 11.7 | - | - | 6.6 | - | - | | | |
| 72 | 11.7 | 11.7 | - | 6.6 | - | - | | | |
| 80 | 11.7 | 11.7 | 11.7 | 6.6 | - | - | | | |
| 88 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | | | |
| 96 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | | | |
| 104 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | | | |
| 112 | 11.4 | 11.4 | 11.4 | 6.6 | 7.1 | 7.1 | | | |
| 120 | 10.7 | 10.8 | 10.7 | 6.6 | 7.1 | 7.1 | | | |
| 128 | 10.0 | 10.0 | 10.1 | 6.6 | 7.1 | 7.1 | | | |
| 136 | 8.9 | 9.4 | 9.4 | 6.6 | 7.1 | 7.1 | | | |
| 144 | 7.6 | 8.4 | 8.6 | 6.6 | 6.8 | 6.6 | | | |
| 152 | 6.2 | 7.1 | 7.5 | 6.2 | 6.5 | 6.4 | | | |
| 160 | 5.2 | 5.8 | 6.3 | 5.2 | 6.1 | 6.1 | | | |
| 168 | 4.2 | 4.8 | 5.2 | 4.2 | 5.6 | 5.8 | | | |
| 176 | 3.4 | 3.9 | 4.1 | 3.4 | 4.7 | 5.3 | | | |
| 184 | - | 3.1 | 3.3 | - | 3.9 | 4.5 | | | |
| 192 | - | - | - | - | - | 3.6 | | | |
| 200 | - | - | - | - | - | 2.8 | | | |

 * 191.6 ft

| 69,700 lb | | 25.3 ft x 23.0 ft | | 360° | | | ASME B30.5 | | | |
|-----------------------|------|-------------------|------|------|------|-----|------------|------|------|------|
| 41.0 ft | | | | | | | | | | |
| 108.3 ft | | | | | | | | | | |
| 37.4 ft | | | | | | | | | | |
| 68.9 ft | | | | | | | | | | |
| 0° 20° 40° 0° 20° 40° | | | | | | | | | | |
| ft 1,000 lb | | | | | | | | | | |
| 10 | 36.6 | - | - | 22.0 | - | - | 20 | 36.6 | - | - |
| 12 | 36.6 | - | - | 21.8 | - | - | 24 | 36.6 | - | - |
| 14 | 36.6 | - | - | 21.7 | - | - | 28 | 36.6 | - | - |
| 16 | 36.6 | - | - | 21.4 | - | - | 32 | 36.6 | - | - |
| 18 | 36.6 | - | - | 21.2 | - | - | 36 | 36.6 | - | - |
| 20 | 36.6 | 34.6 | - | 20.9 | - | - | 40 | 36.5 | 28.7 | - |
| 24 | 36.6 | 31.9 | - | 20.4 | - | - | 48 | 35.0 | 26.9 | 21.2 |
| 28 | 36.6 | 29.5 | - | 19.7 | - | - | 56 | 31.5 | 25.0 | 20.4 |
| 32 | 35.3 | 27.5 | 22.5 | 18.9 | - | - | 64 | 28.4 | 23.3 | 19.7 |
| 36 | 32.6 | 25.8 | 21.5 | 17.9 | - | - | 72 | 25.8 | 21.6 | 19.2 |
| 40 | 29.9 | 24.3 | 20.6 | 16.8 | 13.6 | - | 80 | 22.6 | 20.3 | 18.6 |
| 48 | 25.8 | 21.7 | 19.3 | 14.9 | 12.3 | - | 88 | 19.6 | 19.2 | 17.9 |
| 56 | 22.5 | 19.9 | 18.6 | 13.2 | 11.2 | 9.7 | 96 | 16.7 | 17.6 | 17.2 |
| 64 | 19.9 | 18.9 | - | 11.7 | 10.3 | 9.1 | 104 | 14.7 | 15.1 | 15.6 |
| 72 | - | - | - | 10.6 | 9.5 | 8.6 | 112 | 12.9 | 13.3 | 12.7 |
| 80 | - | - | - | 9.8 | 9.0 | 8.3 | 120 | 11.7 | 11.9 | - |
| 88 | - | - | - | 9.1 | 8.5 | 8.2 | 128 | 10.2 | 10.6 | - |
| 96 | - | - | - | 8.5 | 8.2 | - | 136 | 7.6 | 7.6 | - |
| | | | | | | | 144 | - | - | - |
| | | | | | | | 152 | - | - | - |
| | | | | | | | 160 | - | - | - |

| 175.5 ft | | | | | | | | | | |
|-----------------------|------|------|------|-----|-----|-----|-----|------|------|------|
| 37.4 ft | | | | | | | | | | |
| 68.9 ft | | | | | | | | | | |
| 0° 20° 40° 0° 20° 40° | | | | | | | | | | |
| ft 1,000 lb | | | | | | | | | | |
| 40 | 16.1 | - | - | - | - | - | 48 | 16.1 | - | - |
| 48 | 16.1 | - | - | 9.0 | - | - | 56 | 16.1 | - | - |
| 56 | 16.1 | - | - | 9.0 | - | - | 64 | 16.1 | 16.1 | - |
| 64 | 16.1 | 16.1 | - | 9.0 | - | - | 72 | 16.1 | 16.1 | - |
| 72 | 16.1 | 16.1 | - | 9.0 | - | - | 80 | 16.1 | 16.0 | 15.5 |
| 80 | 16.1 | 16.0 | 15.5 | 9.0 | 9.0 | - | 88 | 15.6 | 15.1 | 14.5 |
| 88 | 15.6 | 15.1 | 14.5 | 9.0 | 9.0 | - | 96 | 14.5 | 14.1 | 13.8 |
| 96 | 14.5 | 14.1 | 13.8 | 9.0 | 9.0 | - | 104 | 12.4 | 13.3 | 13.1 |
| 104 | 12.4 | 13.3 | 13.1 | 9.0 | 9.0 | 8.2 | 112 | 10.9 | 11.6 | 12.2 |
| 112 | 10.9 | 11.6 | 12.2 | 9.0 | 9.0 | 8.1 | 120 | 9.3 | 10.2 | 10.4 |
| 120 | 9.3 | 10.2 | 10.4 | 8.1 | 8.7 | 7.9 | 128 | 7.7 | 8.6 | 9.3 |
| 128 | 7.7 | 8.6 | 9.3 | 7.3 | 8.3 | 7.8 | 136 | 6.3 | 7.1 | 7.8 |
| 136 | 6.3 | 7.1 | 7.8 | 6.0 | 7.4 | 7.6 | 144 | 5.1 | 6.0 | 6.5 |
| 144 | 5.1 | 6.0 | 6.5 | 4.9 | 6.6 | 7.3 | 152 | 4.1 | 4.7 | 5.1 |
| 152 | 4.1 | 4.7 | 5.1 | 4.1 | 5.6 | 6.3 | 160 | 3.3 | 3.9 | 4.1 |
| 160 | 3.3 | 3.9 | 4.1 | 3.3 | 4.5 | 5.4 | 168 | - | - | - |
| 168 | - | - | - | - | 3.5 | 4.4 | 176 | - | - | - |
| 176 | - | - | - | - | 2.6 | 3.4 | | | | |

| 196.2 ft | | | | | | | | | | |
|-------------------------|------|------|------|-----|-----|-----|-----|------|------|------|
| 37.4 ft | | | | | | | | | | |
| 68.9 ft | | | | | | | | | | |
| 0° 20° 40° 0° 20°* 40°* | | | | | | | | | | |
| ft 1,000 lb | | | | | | | | | | |
| 48 | 11.7 | - | - | - | - | - | 56 | 11.7 | - | - |
| 56 | 11.7 | - | - | 6.6 | - | - | 64 | 11.7 | - | - |
| 64 | 11.7 | - | - | 6.6 | - | - | 72 | 11.7 | 11.7 | - |
| 72 | 11.7 | 11.7 | - | 6.6 | - | - | 80 | 11.7 | 11.7 | 11.7 |
| 80 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | 88 | 11.7 | 11.7 | 11.7 |
| 88 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | 96 | 11.7 | 11.7 | 11.7 |
| 96 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | 104 | 11.3 | 11.7 | 11.7 |
| 104 | 11.3 | 11.7 | 11.7 | 6.6 | 7.1 | - | 112 | 9.6 | 10.9 | 11.4 |
| 112 | 9.6 | 10.9 | 11.4 | 6.6 | 7.1 | 7.1 | 120 | 7.8 | 9.1 | 10.1 |
| 120 | 7.8 | 9.1 | 10.1 | 6.5 | 7.1 | 7.1 | 128 | 6.5 | 7.6 | 8.4 |
| 128 | 6.5 | 7.6 | 8.4 | 5.6 | 6.6 | 7.1 | 136 | 5.3 | 6.3 | 6.9 |
| 136 | 5.3 | 6.3 | 6.9 | 4.4 | 5.6 | 7.1 | 144 | 4.0 | 4.9 | 5.6 |
| 144 | 4.0 | 4.9 | 5.6 | 3.4 | 4.5 | 6.6 | 152 | 3.2 | 3.8 | 4.3 |
| 152 | 3.2 | 3.8 | 4.3 | - | 3.7 | 6.0 | 160 | - | 2.8 | 3.3 |
| 160 | - | 2.8 | 3.3 | - | - | 4.7 | 168 | - | - | - |
| 168 | - | - | - | - | - | 3.7 | 176 | - | - | - |
| 176 | - | - | - | - | - | 2.8 | | | | |

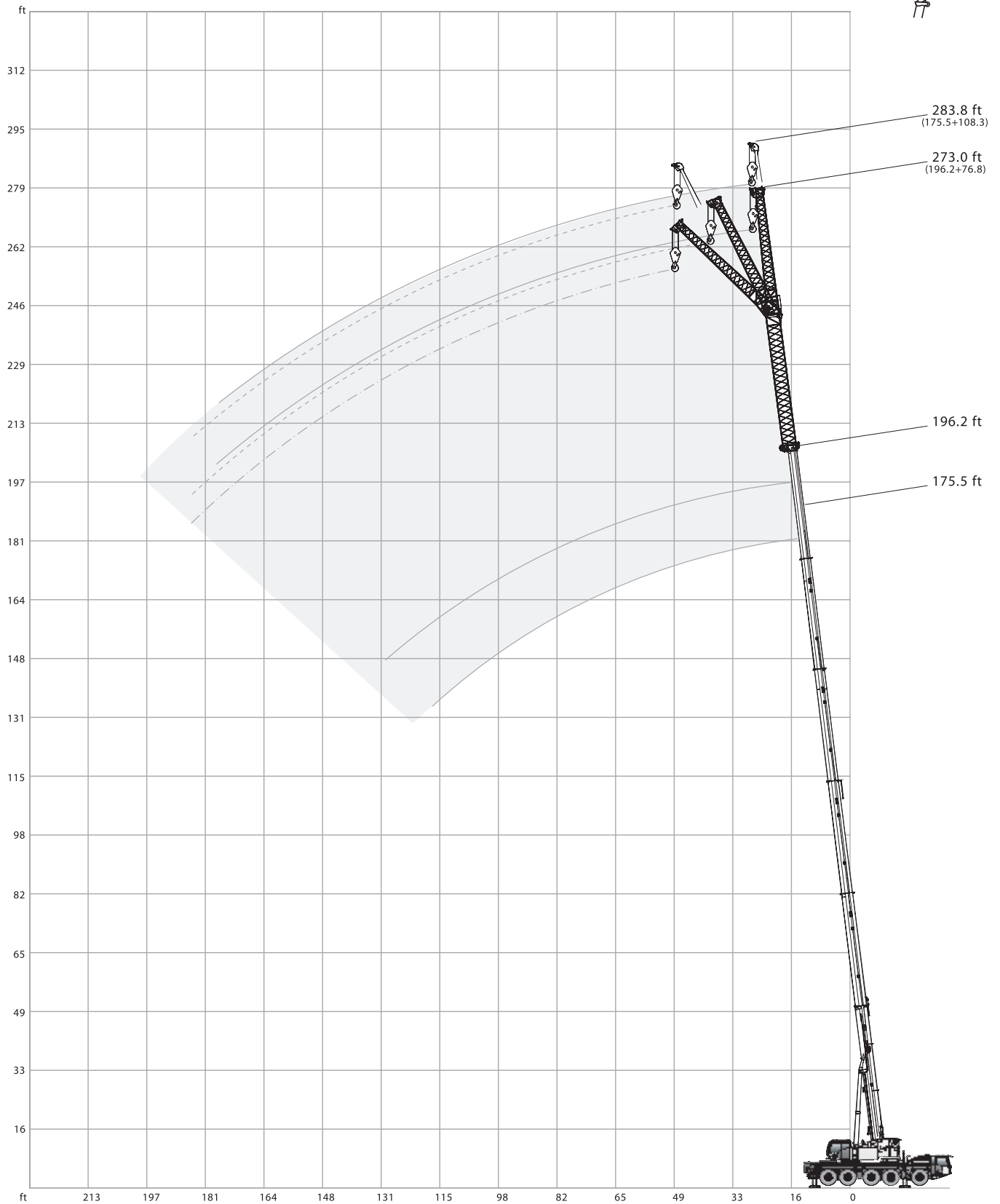
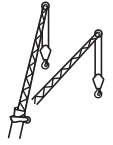
 *191.6 ft



| 57,800 lb | | 25.3 ft x 23.0 ft | | 360° | | | ASME B30.5 | | | | | | |
|-----------|----------|-------------------|------|------|---------|-----|------------|----------|------|------|---------|------|-----|
| 41.0 ft | | 37.4 ft | | | 68.9 ft | | | 108.3 ft | | | | | |
| ft | 0° | | | 40° | | | ft | 37.4 ft | | | 68.9 ft | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | | 0° | 20° | 40° | 0° | 20° | 40° |
| | 1,000 lb | | | | | | | | | | | | |
| 10 | 36.6 | - | - | 22.0 | - | - | 20 | 36.6 | - | - | - | - | - |
| 12 | 36.6 | - | - | 21.8 | - | - | 24 | 36.6 | - | - | 17.0 | - | - |
| 14 | 36.6 | - | - | 21.7 | - | - | 28 | 36.6 | - | - | 16.9 | - | - |
| 16 | 36.6 | - | - | 21.4 | - | - | 32 | 36.6 | - | - | 16.6 | - | - |
| 18 | 36.6 | - | - | 21.2 | - | - | 36 | 36.6 | - | - | 16.3 | - | - |
| 20 | 36.6 | 34.6 | - | 20.9 | - | - | 40 | 36.5 | 28.7 | - | 16.1 | - | - |
| 24 | 36.6 | 31.9 | - | 20.4 | - | - | 48 | 35.0 | 26.9 | 21.2 | 15.6 | - | - |
| 28 | 36.6 | 29.5 | - | 19.7 | - | - | 56 | 31.5 | 25.0 | 20.4 | 15.2 | 12.7 | - |
| 32 | 35.3 | 27.5 | 22.5 | 18.9 | - | - | 64 | 28.0 | 23.3 | 19.7 | 14.7 | 11.8 | - |
| 36 | 32.6 | 25.8 | 21.5 | 17.9 | - | - | 72 | 23.7 | 21.6 | 19.2 | 14.3 | 11.3 | - |
| 40 | 29.9 | 24.3 | 20.6 | 16.8 | 13.6 | - | 80 | 19.8 | 20.0 | 18.6 | 13.8 | 10.7 | 9.0 |
| 48 | 25.8 | 21.7 | 19.3 | 14.9 | 12.3 | - | 88 | 17.1 | 17.7 | 17.6 | 13.0 | 10.2 | 8.7 |
| 56 | 22.5 | 19.9 | 18.6 | 13.2 | 11.2 | 9.7 | 96 | 15.0 | 15.3 | 15.6 | 12.1 | 9.6 | 8.5 |
| 64 | 19.9 | 18.9 | - | 11.7 | 10.3 | 9.1 | 104 | 13.1 | 13.3 | 13.5 | 11.3 | 9.3 | 8.2 |
| 72 | - | - | - | 10.6 | 9.5 | 8.6 | 112 | 11.2 | 11.8 | 10.2 | 10.5 | 9.0 | 8.1 |
| 80 | - | - | - | 9.8 | 9.0 | 8.3 | 120 | 9.7 | 10.0 | - | 9.3 | 8.8 | 7.9 |
| 88 | - | - | - | 9.1 | 8.5 | 8.2 | 128 | 8.9 | 9.0 | - | 8.5 | 8.5 | 7.9 |
| 96 | - | - | - | 8.5 | 8.2 | - | 136 | 7.6 | 7.6 | - | 7.4 | 7.6 | 7.9 |
| | | | | | | | 144 | - | - | - | 6.4 | 7.1 | 7.3 |
| | | | | | | | 152 | - | - | - | 5.9 | 6.1 | - |
| | | | | | | | 160 | - | - | - | 5.3 | 4.8 | - |

| 175.5 ft | | 37.4 ft | | | 68.9 ft | | |
|----------|----------|---------|------|-----|---------|-----|--|
| ft | 0° | | | 40° | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | |
| | 1,000 lb | | | | | | |
| 40 | 16.1 | - | - | - | - | - | |
| 48 | 16.1 | - | - | 9.0 | - | - | |
| 56 | 16.1 | - | - | 9.0 | - | - | |
| 64 | 16.1 | 16.1 | - | 9.0 | - | - | |
| 72 | 16.1 | 16.1 | - | 9.0 | - | - | |
| 80 | 15.9 | 16.0 | 15.5 | 9.0 | 9.0 | - | |
| 88 | 14.1 | 15.1 | 14.5 | 9.0 | 9.0 | - | |
| 96 | 12.3 | 13.3 | 13.8 | 9.0 | 9.0 | - | |
| 104 | 10.2 | 11.5 | 12.2 | 8.5 | 9.0 | 8.2 | |
| 112 | 8.5 | 9.6 | 10.7 | 7.4 | 9.0 | 8.1 | |
| 120 | 7.0 | 8.0 | 8.8 | 6.1 | 7.8 | 7.9 | |
| 128 | 5.6 | 6.5 | 7.2 | 4.8 | 6.8 | 7.7 | |
| 136 | 4.4 | 5.2 | 5.8 | 3.9 | 5.6 | 6.9 | |
| 144 | 3.4 | 4.0 | 4.5 | 2.9 | 4.5 | 6.0 | |
| 152 | - | 3.0 | 3.4 | - | 3.6 | 4.7 | |
| 160 | - | - | - | - | 2.8 | 3.7 | |


| 196.2 ft | | 37.4 ft | | | 68.9 ft | | |
|----------|----------|---------|------|-----|---------|------|--|
| ft | 0° | | | 40° | | | |
| | 0° | 20° | 40° | 0° | 20°* | 40°* | |
| | 1,000 lb | | | | | | |
| 48 | 11.7 | - | - | - | - | - | |
| 56 | 11.7 | - | - | 6.6 | - | - | |
| 64 | 11.7 | - | - | 6.6 | - | - | |
| 72 | 11.7 | 11.7 | - | 6.6 | - | - | |
| 80 | 11.7 | 11.7 | 11.7 | 6.6 | - | - | |
| 88 | 11.7 | 11.7 | 11.7 | 6.6 | 7.1 | - | |
| 96 | 10.6 | 11.5 | 11.7 | 6.6 | 7.1 | - | |
| 104 | 8.4 | 10.0 | 11.1 | 6.6 | 7.1 | - | |
| 112 | 6.8 | 8.3 | 9.4 | 5.9 | 7.1 | 7.1 | |
| 120 | 5.4 | 6.7 | 7.8 | 4.4 | 6.9 | 7.1 | |
| 128 | 4.2 | 5.3 | 6.3 | 3.3 | 5.8 | 7.1 | |
| 136 | 3.1 | 4.2 | 4.9 | - | 4.7 | 6.3 | |
| 144 | - | 3.1 | 3.8 | - | 3.6 | 5.1 | |
| 152 | - | - | - | - | - | 4.0 | |
| 160 | - | - | - | - | - | 3.1 | |


 *191.6 ft







| 93,000 lb | | 25.3 ft x 23.0 ft | | 360° | | ASME B30.5 | |
|---|----------|-------------------|------|--|------|------------|---|
|  41.0 ft | | | |  108.3 ft | | | |
| | | 76.8 ft | | 108.3 ft | | | |
| | | 0° 20° 40° | | 0° 20° 40° | | | |
| ft | 1,000 lb | | | | | | |
| 14 | 36.6 | - | - | - | - | - | - |
| 16 | 36.6 | - | - | - | - | - | - |
| 18 | 35.7 | - | - | - | - | - | - |
| 20 | 34.6 | - | - | 17.0 | - | - | - |
| 24 | 31.6 | - | - | 16.7 | - | - | - |
| 28 | 28.6 | - | - | 16.4 | - | - | - |
| 32 | 25.7 | 22.3 | - | 16.1 | - | - | - |
| 36 | 23.5 | 20.5 | - | 15.9 | - | - | - |
| 40 | 21.5 | 19.0 | 17.5 | 15.5 | - | - | - |
| 48 | 18.0 | 16.4 | 15.4 | 14.1 | 13.0 | - | - |
| 56 | 15.4 | 14.4 | 13.6 | 12.5 | 11.4 | - | - |
| 64 | 13.6 | 12.8 | 12.2 | 11.1 | 10.1 | - | - |
| 72 | 12.2 | 11.5 | 11.0 | 9.7 | 9.1 | - | - |
| 80 | 10.9 | 10.4 | 10.2 | 8.7 | 8.0 | - | - |
| 88 | 9.8 | 9.4 | 9.4 | 7.9 | 7.3 | - | - |
| 96 | 8.8 | 8.8 | - | 7.1 | 6.6 | - | - |
| 104 | 8.2 | 8.0 | - | 6.3 | 6.0 | - | - |
| 112 | - | - | - | 5.7 | 5.5 | - | - |
| 120 | - | - | - | 5.2 | 5.2 | - | - |
| 128 | - | - | - | 4.8 | 4.7 | - | - |
| 136 | - | - | - | 4.5 | - | - | - |





| | | | | | | | |
|-----|----------|------------|------|------------|------|---|---|
| | | 76.8 ft | | 108.3 ft | | | |
| | | 0° 20° 40° | | 0° 20° 40° | | | |
| ft | 1,000 lb | | | | | | |
| 32 | 22.3 | - | - | - | - | - | - |
| 36 | 22.2 | - | - | 12.1 | - | - | - |
| 40 | 22.0 | - | - | 12.1 | - | - | - |
| 48 | 21.3 | 19.0 | - | 12.1 | - | - | - |
| 56 | 19.9 | 17.4 | - | 11.8 | - | - | - |
| 64 | 18.4 | 15.9 | 14.3 | 11.5 | - | - | - |
| 72 | 17.0 | 14.6 | 13.5 | 11.0 | 10.2 | - | - |
| 80 | 15.4 | 13.7 | 12.5 | 10.5 | 9.4 | - | - |
| 88 | 14.2 | 12.7 | 11.9 | 10.0 | 8.8 | - | - |
| 96 | 13.1 | 11.9 | 11.2 | 9.3 | 8.1 | - | - |
| 104 | 12.2 | 11.1 | 10.6 | 8.7 | 7.6 | - | - |
| 112 | 11.4 | 10.6 | 10.1 | 8.1 | 7.0 | - | - |
| 120 | 10.7 | 10.0 | 9.6 | 7.6 | 6.7 | - | - |
| 128 | 10.0 | 9.5 | 9.3 | 7.1 | 6.3 | - | - |
| 136 | 9.4 | 8.9 | 8.9 | 6.7 | 6.0 | - | - |
| 144 | 8.8 | 8.6 | 8.6 | 6.2 | 5.5 | - | - |
| 152 | 8.3 | 8.1 | 4.4 | 5.9 | 5.3 | - | - |
| 160 | 7.7 | 7.6 | - | 5.4 | 5.0 | - | - |
| 168 | 3.7 | 3.6 | - | 5.2 | 4.8 | - | - |
| 176 | 3.5 | 3.3 | - | 4.9 | 4.6 | - | - |
| 184 | - | - | - | 4.7 | 4.5 | - | - |
| 192 | - | - | - | 4.4 | - | - | - |
| 200 | - | - | - | 3.6 | - | - | - |



| | | | | | |
|--|----------|------------|-----|------------|-----|
|  175.5 ft | | | | | |
| | | 76.8 ft | | 108.3 ft | |
| | | 0° 20° 40° | | 0° 20° 40° | |
| ft | 1,000 lb | | | | |
| 56 | 8.8 | - | - | - | - |
| 64 | 8.8 | - | - | 4.9 | - |
| 72 | 8.8 | - | - | 4.9 | - |
| 80 | 8.8 | 8.8 | 7.7 | 4.9 | - |
| 88 | 8.8 | 8.8 | 7.5 | 4.9 | - |
| 96 | 8.8 | 8.8 | 7.4 | 4.9 | 4.9 |
| 104 | 8.8 | 8.8 | 7.3 | 4.9 | 4.9 |
| 112 | 8.8 | 8.6 | 7.0 | 4.9 | 4.9 |
| 120 | 8.3 | 8.0 | 6.8 | 4.9 | 4.9 |
| 128 | 7.7 | 7.6 | 6.7 | 4.9 | 4.9 |
| 136 | 7.3 | 7.2 | 6.6 | 4.9 | 4.9 |
| 144 | 6.9 | 6.8 | 6.4 | 4.9 | 4.9 |
| 152 | 6.3 | 6.3 | 6.3 | 4.6 | 4.6 |
| 160 | 5.4 | 5.8 | 5.9 | 4.3 | 4.3 |
| 168 | 4.7 | 5.0 | 5.3 | 3.9 | 4.1 |
| 176 | 4.1 | 4.5 | 4.5 | 3.2 | 3.8 |
| 184 | 3.3 | 3.7 | 3.8 | - | 3.3 |

| | | | |
|--|----------|--------------|-----|
|  196.2 ft | | | |
| | | 76.8 ft | |
| | | 0° 20°* 40°* | |
| ft | 1,000 lb | | |
| 64 | 6.0 | - | - |
| 72 | 6.0 | - | - |
| 80 | 6.0 | 6.4 | - |
| 88 | 6.0 | 6.4 | 6.1 |
| 96 | 6.0 | 6.4 | 6.0 |
| 104 | 6.0 | 6.4 | 6.0 |
| 112 | 6.0 | 6.4 | 5.7 |
| 120 | 6.0 | 6.4 | 5.7 |
| 128 | 6.0 | 6.4 | 5.6 |
| 136 | 6.0 | 6.4 | 5.5 |
| 144 | 6.0 | 6.2 | 5.5 |
| 152 | 5.6 | 5.7 | 5.5 |
| 160 | 4.6 | 5.3 | 5.3 |
| 168 | 3.8 | 4.7 | 5.0 |
| 176 | 3.0 | 3.9 | 4.3 |
| 184 | - | 3.1 | 3.4 |






 * 191.6 ft






| 69,700 lb | | 25.3 ft x 23.0 ft | | 360° | | | ASME B30.5 | | | |
|---|------|-------------------|------|------|------|-----|------------|------|------|------|
|  41.0 ft | | | | | | | | | | |
|   76.8 ft | | | | | | | | | | |
|  108.3 ft | | | | | | | | | | |
| ft | 0° | 20° | 40° | 0° | 20° | 40° | ft | 0° | 20° | 40° |
| 1,000 lb | | | | | | | | | | |
| 14 | 36.6 | - | - | - | - | - | 32 | 22.3 | - | - |
| 16 | 36.6 | - | - | - | - | - | 36 | 22.2 | - | - |
| 18 | 35.7 | - | - | - | - | - | 40 | 22.0 | - | - |
| 20 | 34.6 | - | - | 17.0 | - | - | 48 | 21.3 | 19.0 | - |
| 24 | 31.6 | - | - | 16.7 | - | - | 56 | 19.9 | 17.4 | - |
| 28 | 28.6 | - | - | 16.4 | - | - | 64 | 18.4 | 15.9 | 14.3 |
| 32 | 25.7 | 22.3 | - | 16.1 | - | - | 72 | 17.0 | 14.6 | 13.5 |
| 36 | 23.5 | 20.5 | - | 15.9 | - | - | 80 | 15.4 | 13.7 | 12.5 |
| 40 | 21.5 | 19.0 | 17.5 | 15.5 | - | - | 88 | 14.2 | 12.7 | 11.9 |
| 48 | 18.0 | 16.4 | 15.4 | 14.1 | 13.0 | - | 96 | 13.1 | 11.9 | 11.2 |
| 56 | 15.4 | 14.4 | 13.6 | 12.5 | 11.4 | - | 104 | 12.2 | 11.1 | 10.6 |
| 64 | 13.6 | 12.8 | 12.2 | 11.1 | 10.1 | - | 112 | 11.4 | 10.6 | 10.1 |
| 72 | 12.2 | 11.5 | 11.0 | 9.7 | 9.1 | - | 120 | 10.5 | 10.0 | 9.6 |
| 80 | 10.9 | 10.4 | 10.2 | 8.7 | 8.0 | - | 128 | 9.3 | 9.5 | 9.3 |
| 88 | 9.8 | 9.4 | 9.4 | 7.9 | 7.3 | - | 136 | 8.1 | 8.5 | 8.7 |
| 96 | 8.8 | 8.8 | - | 7.1 | 6.6 | - | 144 | 7.1 | 7.5 | 7.6 |
| 104 | 8.2 | 8.0 | - | 6.3 | 6.0 | - | 152 | 6.1 | 6.5 | 4.4 |
| 112 | - | - | - | 5.7 | 5.5 | - | 160 | 5.7 | 5.8 | - |
| 120 | - | - | - | 5.2 | 5.2 | - | 168 | 3.7 | 3.6 | - |
| 128 | - | - | - | 4.8 | 4.7 | - | 176 | 3.5 | 3.3 | - |
| 136 | - | - | - | 4.5 | - | - | 184 | - | - | - |
| | | | | | | | 192 | - | - | - |
| | | | | | | | 200 | - | - | - |




| | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|  175.5 ft | | | | | | | | | | |
|   76.8 ft | | | | | | | | | | |
|  108.3 ft | | | | | | | | | | |
| ft | 0° | 20° | 40° | 0° | 20° | 40° | ft | 0° | 20° | 40° |
| 1,000 lb | | | | | | | | | | |
| 56 | 8.8 | - | - | - | - | - | 64 | 6.0 | - | - |
| 64 | 8.8 | - | - | 4.9 | - | - | 72 | 6.0 | - | - |
| 72 | 8.8 | - | - | 4.9 | - | - | 80 | 6.0 | 6.4 | - |
| 80 | 8.8 | 8.8 | 7.7 | 4.9 | - | - | 88 | 6.0 | 6.4 | 6.1 |
| 88 | 8.8 | 8.8 | 7.5 | 4.9 | - | - | 96 | 6.0 | 6.4 | 6.0 |
| 96 | 8.8 | 8.8 | 7.4 | 4.9 | 4.9 | - | 104 | 6.0 | 6.4 | 6.0 |
| 104 | 8.8 | 8.8 | 7.3 | 4.9 | 4.9 | - | 112 | 6.0 | 6.4 | 5.7 |
| 112 | 8.8 | 8.6 | 7.0 | 4.9 | 4.9 | - | 120 | 5.8 | 6.4 | 5.7 |
| 120 | 7.6 | 8.0 | 6.8 | 4.9 | 4.9 | - | 128 | 5.1 | 6.3 | 5.6 |
| 128 | 6.7 | 7.3 | 6.7 | 4.7 | 4.9 | - | 136 | 4.0 | 5.5 | 5.5 |
| 136 | 5.5 | 6.4 | 6.6 | 4.0 | 4.9 | - | 144 | 2.9 | 4.5 | 5.1 |
| 144 | 4.5 | 5.3 | 6.0 | 2.9 | 4.9 | - | 152 | - | 3.4 | 4.1 |
| 152 | 3.6 | 4.5 | 5.1 | - | 3.8 | - | 160 | - | - | 3.2 |
| 160 | 2.7 | 3.5 | 4.1 | - | 2.8 | - | | | | |

| | | | | | | | | | | |
|--|-----|------|------|--|--|--|--|--|--|--|
|  196.2 ft | | | | | | | | | | |
|  76.8 ft | | | | | | | | | | |
| ft | 0° | 20°* | 40°* | | | | | | | |
| 1,000 lb | | | | | | | | | | |
| 64 | 6.0 | - | - | | | | | | | |
| 72 | 6.0 | - | - | | | | | | | |
| 80 | 6.0 | 6.4 | - | | | | | | | |
| 88 | 6.0 | 6.4 | 6.1 | | | | | | | |
| 96 | 6.0 | 6.4 | 6.0 | | | | | | | |
| 104 | 6.0 | 6.4 | 6.0 | | | | | | | |
| 112 | 6.0 | 6.4 | 5.7 | | | | | | | |
| 120 | 5.8 | 6.4 | 5.7 | | | | | | | |
| 128 | 5.1 | 6.3 | 5.6 | | | | | | | |
| 136 | 4.0 | 5.5 | 5.5 | | | | | | | |
| 144 | 2.9 | 4.5 | 5.1 | | | | | | | |
| 152 | - | 3.4 | 4.1 | | | | | | | |
| 160 | - | - | 3.2 | | | | | | | |

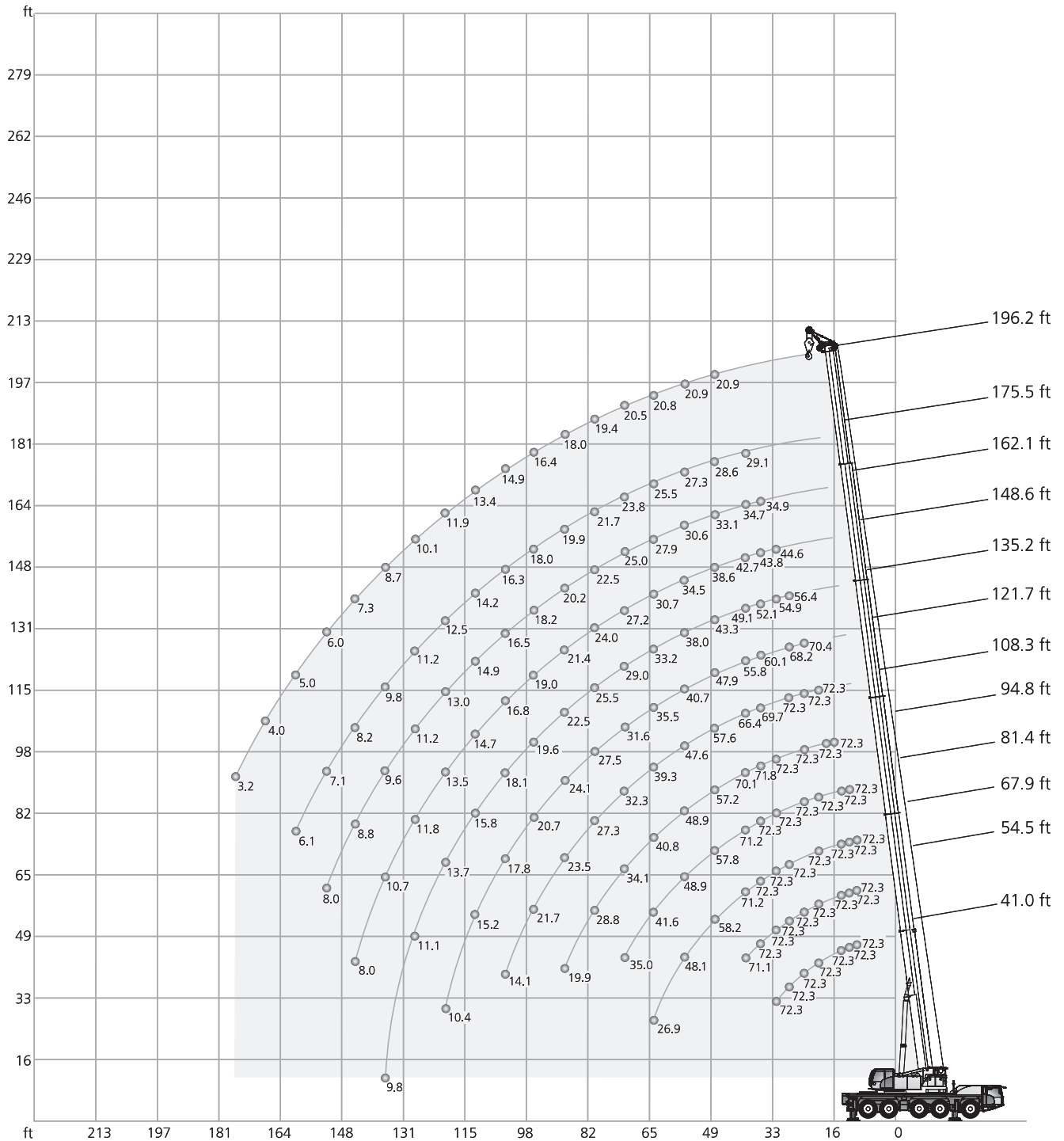
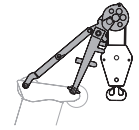
 * 191.6 ft

| 57,800 lb | | 25.3 ft x 23.0 ft | | 360° | | | ASME B30.5 | | | |
|--|------|-------------------|------|------|------|-----|------------|------|------|------|
|  41.0 ft | | | | | | | | | | |
|   76.8 ft | | | | | | | | | | |
|   108.3 ft | | | | | | | | | | |
| ft | 0° | 20° | 40° | 0° | 20° | 40° | ft | 0° | 20° | 40° |
| 1,000 lb | | | | | | | | | | |
| 14 | 36.6 | - | - | - | - | - | 32 | 22.3 | - | - |
| 16 | 36.6 | - | - | - | - | - | 36 | 22.2 | - | - |
| 18 | 35.7 | - | - | - | - | - | 40 | 22.0 | - | - |
| 20 | 34.6 | - | - | 17.0 | - | - | 48 | 21.3 | 19.0 | - |
| 24 | 31.6 | - | - | 16.7 | - | - | 56 | 19.9 | 17.4 | - |
| 28 | 28.6 | - | - | 16.4 | - | - | 64 | 18.4 | 15.9 | 14.3 |
| 32 | 25.7 | 22.3 | - | 16.1 | - | - | 72 | 17.0 | 14.6 | 13.5 |
| 36 | 23.5 | 20.5 | - | 15.9 | - | - | 80 | 15.4 | 13.7 | 12.5 |
| 40 | 21.5 | 19.0 | 17.5 | 15.5 | - | - | 88 | 14.2 | 12.7 | 11.9 |
| 48 | 18.0 | 16.4 | 15.4 | 14.1 | 13.0 | - | 96 | 13.1 | 11.9 | 11.2 |
| 56 | 15.4 | 14.4 | 13.6 | 12.5 | 11.4 | - | 104 | 12.0 | 11.1 | 10.6 |
| 64 | 13.6 | 12.8 | 12.2 | 11.1 | 10.1 | - | 112 | 10.7 | 10.5 | 10.1 |
| 72 | 12.2 | 11.5 | 11.0 | 9.7 | 9.1 | - | 120 | 8.9 | 9.4 | 9.5 |
| 80 | 10.9 | 10.4 | 10.2 | 8.7 | 8.0 | - | 128 | 7.6 | 8.3 | 8.6 |
| 88 | 9.8 | 9.4 | 9.4 | 7.9 | 7.3 | - | 136 | 6.8 | 6.9 | 7.4 |
| 96 | 8.8 | 8.8 | - | 7.1 | 6.6 | - | 144 | 6.0 | 6.4 | 6.4 |
| 104 | 8.2 | 8.0 | - | 6.3 | 6.0 | - | 152 | 5.0 | 5.4 | 4.4 |
| 112 | - | - | - | 5.7 | 5.5 | - | 160 | 4.5 | 4.6 | - |
| 120 | - | - | - | 5.2 | 5.2 | - | 168 | 3.6 | 3.6 | - |
| 128 | - | - | - | 4.8 | 4.7 | - | 176 | 3.3 | 3.3 | - |
| 136 | - | - | - | 4.5 | - | - | 184 | - | - | - |

|  175.5 ft | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|--|--|--|--|
|   76.8 ft | | | | | | | | | | |
|   108.3 ft | | | | | | | | | | |
| ft | 0° | 20° | 40° | 0° | 20° | 40° | | | | |
| 1,000 lb | | | | | | | | | | |
| 56 | 8.8 | - | - | - | - | - | | | | |
| 64 | 8.8 | - | - | 4.9 | - | - | | | | |
| 72 | 8.8 | - | - | 4.9 | - | - | | | | |
| 80 | 8.8 | 8.8 | 7.7 | 4.9 | - | - | | | | |
| 88 | 8.8 | 8.8 | 7.5 | 4.9 | - | - | | | | |
| 96 | 8.8 | 8.8 | 7.4 | 4.9 | 4.9 | - | | | | |
| 104 | 8.1 | 8.8 | 7.3 | 4.9 | 4.9 | - | | | | |
| 112 | 7.0 | 7.8 | 7.0 | 4.8 | 4.9 | - | | | | |
| 120 | 5.6 | 6.7 | 6.8 | 3.9 | 4.9 | - | | | | |
| 128 | 4.4 | 5.5 | 6.2 | 2.9 | 4.6 | - | | | | |
| 136 | 3.3 | 4.4 | 5.2 | - | 3.8 | - | | | | |
| 144 | 2.5 | 3.4 | 4.2 | - | 2.7 | - | | | | |
| 152 | - | - | 3.2 | - | - | - | | | | |






|  196.2 ft | | | | | | | | | | |
|---|-----|------|------|--|--|--|--|--|--|--|
|   76.8 ft | | | | | | | | | | |
| ft | 0° | 20°* | 40°* | | | | | | | |
| 1,000 lb | | | | | | | | | | |
| 64 | 6.0 | - | - | | | | | | | |
| 72 | 6.0 | - | - | | | | | | | |
| 80 | 6.0 | 6.4 | - | | | | | | | |
| 88 | 6.0 | 6.4 | 6.1 | | | | | | | |
| 96 | 6.0 | 6.4 | 6.0 | | | | | | | |
| 104 | 6.0 | 6.4 | 6.0 | | | | | | | |
| 112 | 5.2 | 6.4 | 5.7 | | | | | | | |
| 120 | 3.9 | 5.6 | 5.7 | | | | | | | |
| 128 | 2.9 | 4.4 | 5.3 | | | | | | | |
| 136 | - | 3.3 | 4.2 | | | | | | | |
| 144 | - | 2.3 | 3.1 | | | | | | | |

 *191.6 ft



| 93,000 lb | | 25.3 ft x 23.0 ft | | | | | | | | | | | 360° | | ASME B30.5 | |
|-----------|----------|-------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------|----|------------|--|
| 41.0 ft | | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft | | | | |
| ft | 1,000 lb | | | | | | | | | | | | ft | | | |
| 10 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | - | 10 | | |
| 12 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 12 | | |
| 14 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 14 | | |
| 16 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 16 | | |
| 18 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 18 | | |
| 20 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | 20 | | |
| 24 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 70.4 | - | - | - | - | - | - | 24 | | |
| 28 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 68.2 | 56.4 | - | - | - | - | - | 28 | | |
| 32 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 64.4 | 54.9 | 44.6 | - | - | - | - | 32 | | |
| 36 | - | 72.3 | 72.3 | 72.3 | 71.8 | 69.7 | 60.1 | 52.1 | 43.8 | 34.9 | - | - | - | 36 | | |
| 40 | - | 71.1 | 71.2 | 71.2 | 70.1 | 66.4 | 55.8 | 49.1 | 42.7 | 34.7 | 29.1 | - | - | 40 | | |
| 48 | - | - | 58.2 | 57.8 | 57.2 | 57.6 | 47.9 | 43.3 | 38.6 | 33.1 | 28.6 | 20.9 | - | 48 | | |
| 56 | - | - | 48.1 | 48.9 | 48.9 | 47.6 | 40.7 | 38.0 | 34.5 | 30.6 | 27.3 | 20.9 | 56 | | | |
| 64 | - | - | 26.9 | 41.6 | 40.8 | 39.3 | 35.5 | 33.2 | 30.7 | 27.9 | 25.5 | 20.8 | 64 | | | |
| 72 | - | - | - | 35.0 | 34.1 | 32.3 | 31.6 | 29.0 | 27.2 | 25.0 | 23.8 | 20.5 | 72 | | | |
| 80 | - | - | - | - | 28.8 | 27.3 | 27.5 | 25.5 | 24.0 | 22.5 | 21.7 | 19.4 | 80 | | | |
| 88 | - | - | - | - | 19.9 | 23.5 | 24.1 | 22.5 | 21.4 | 20.2 | 19.9 | 18.0 | 88 | | | |
| 96 | - | - | - | - | - | 21.7 | 20.7 | 19.6 | 19.0 | 18.2 | 18.0 | 16.4 | 96 | | | |
| 104 | - | - | - | - | - | 14.1 | 17.8 | 18.1 | 16.8 | 16.5 | 16.3 | 14.9 | 104 | | | |
| 112 | - | - | - | - | - | - | 15.2 | 15.8 | 14.7 | 14.9 | 14.2 | 13.4 | 112 | | | |
| 120 | - | - | - | - | - | - | 10.4 | 13.7 | 13.5 | 13.0 | 12.5 | 11.9 | 120 | | | |
| 128 | - | - | - | - | - | - | - | 11.1 | 11.8 | 11.2 | 11.2 | 10.1 | 128 | | | |
| 136 | - | - | - | - | - | - | - | 9.8 | 10.7 | 9.6 | 9.8 | 8.7 | 136 | | | |
| 144 | - | - | - | - | - | - | - | - | 8.0 | 8.8 | 8.2 | 7.3 | 144 | | | |
| 152 | - | - | - | - | - | - | - | - | - | 8.0 | 7.1 | 6.0 | 152 | | | |
| 160 | - | - | - | - | - | - | - | - | - | - | 6.1 | 5.0 | 160 | | | |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 4.0 | 168 | | | |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 3.2 | 176 | | | |
| 1) | 29.8 | 22.0 | 17.0 | 13.2 | 10.4 | 7.7 | 5.7 | 3.5 | - | - | - | - | 1) | | | |

1) Capacities with horizontal boom

|  69,700 lb | |  25.3 ft x 23.0 ft | | | | | | | | | | | 360° | | ASME B30.5 | |
|---|----------|--|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|---|--|-------------------|--|
|   | 41.0 ft | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft |  | | | |
| ft | 1,000 lb | | | | | | | | | | | | ft | | | |
| 10 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 10 | | | |
| 12 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 12 | | | |
| 14 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 14 | | | |
| 16 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | 16 | | | |
| 18 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | 18 | | | |
| 20 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | 20 | | | |
| 24 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 70.4 | - | - | - | - | - | 24 | | | |
| 28 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 68.2 | 56.4 | - | - | - | - | 28 | | | |
| 32 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 64.4 | 54.9 | 44.6 | - | - | - | 32 | | | |
| 36 | - | 70.3 | 70.4 | 70.1 | 69.4 | 69.7 | 60.1 | 52.1 | 43.8 | 34.9 | - | - | 36 | | | |
| 40 | - | 66.9 | 67.1 | 66.4 | 65.0 | 65.8 | 55.8 | 49.1 | 42.7 | 34.7 | 29.1 | - | 40 | | | |
| 48 | - | - | 51.9 | 52.7 | 52.4 | 50.7 | 47.5 | 43.3 | 38.6 | 33.1 | 28.6 | 20.9 | 48 | | | |
| 56 | - | - | 42.1 | 42.0 | 41.0 | 39.3 | 38.8 | 36.9 | 34.5 | 30.6 | 27.3 | 20.9 | 56 | | | |
| 64 | - | - | 24.8 | 33.9 | 32.8 | 31.8 | 31.8 | 30.6 | 29.7 | 27.9 | 25.5 | 20.8 | 64 | | | |
| 72 | - | - | - | 27.9 | 27.0 | 27.8 | 26.4 | 25.0 | 25.4 | 24.8 | 23.8 | 20.5 | 72 | | | |
| 80 | - | - | - | - | 23.1 | 23.4 | 21.9 | 22.3 | 21.2 | 21.4 | 21.0 | 19.4 | 80 | | | |
| 88 | - | - | - | - | 16.0 | 19.9 | 19.5 | 18.8 | 18.5 | 18.3 | 17.8 | 17.2 | 88 | | | |
| 96 | - | - | - | - | - | 17.1 | 17.3 | 15.8 | 16.3 | 15.4 | 15.2 | 14.1 | 96 | | | |
| 104 | - | - | - | - | - | 13.5 | 14.8 | 14.5 | 14.0 | 13.9 | 12.6 | 11.7 | 104 | | | |
| 112 | - | - | - | - | - | - | 11.2 | 12.5 | 11.8 | 11.8 | 10.7 | 9.6 | 112 | | | |
| 120 | - | - | - | - | - | - | 10.4 | 10.9 | 10.0 | 10.0 | 8.9 | 7.8 | 120 | | | |
| 128 | - | - | - | - | - | - | - | 9.4 | 8.5 | 8.5 | 7.4 | 6.3 | 128 | | | |
| 136 | - | - | - | - | - | - | - | 8.2 | 7.3 | 7.1 | 6.0 | 4.9 | 136 | | | |
| 144 | - | - | - | - | - | - | - | - | 5.6 | 6.0 | 4.9 | 3.8 | 144 | | | |
| 152 | - | - | - | - | - | - | - | - | - | 5.0 | 3.9 | - | 152 | | | |
| 160 | - | - | - | - | - | - | - | - | - | - | 3.1 | - | 160 | | | |
| 1) | 29.8 | 22.0 | 17.0 | 13.2 | 10.4 | 7.7 | 5.7 | 3.5 | - | - | - | - | 1) | | | |

1) Capacities with horizontal boom

| 57,800 lb | | 25.3 ft x 23.0 ft | | | | | | | | | | | 360° | | ASME B30.5 | |
|-----------|----------|-------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------|----|------------|--|
| 41.0 ft | | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft | | | | |
| ft | 1,000 lb | | | | | | | | | | | | ft | | | |
| 10 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | - | 10 | | |
| 12 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 12 | | |
| 14 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 14 | | |
| 16 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 16 | | |
| 18 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 18 | | |
| 20 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | 20 | | |
| 24 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 70.4 | - | - | - | - | - | - | 24 | | |
| 28 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 68.2 | 56.4 | - | - | - | - | - | 28 | | |
| 32 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 64.4 | 54.9 | 44.6 | - | - | - | - | 32 | | |
| 36 | - | 67.6 | 67.7 | 67.2 | 66.8 | 66.7 | 60.1 | 52.1 | 43.8 | 34.9 | - | - | - | 36 | | |
| 40 | - | 61.2 | 61.5 | 60.4 | 62.1 | 59.6 | 55.5 | 49.1 | 42.7 | 34.7 | 29.1 | - | - | 40 | | |
| 48 | - | - | 47.4 | 47.2 | 46.1 | 44.3 | 43.9 | 42.1 | 38.5 | 33.1 | 28.6 | 20.9 | - | 48 | | |
| 56 | - | - | 36.8 | 36.8 | 35.7 | 35.0 | 34.8 | 33.7 | 32.5 | 30.6 | 27.3 | 20.9 | 56 | | | |
| 64 | - | - | 23.6 | 29.4 | 28.4 | 29.3 | 28.0 | 27.5 | 27.0 | 26.1 | 25.5 | 20.8 | 64 | | | |
| 72 | - | - | - | 24.1 | 25.0 | 24.1 | 23.4 | 23.0 | 22.8 | 22.4 | 21.7 | 20.5 | 72 | | | |
| 80 | - | - | - | - | 21.1 | 20.0 | 20.4 | 19.1 | 19.5 | 18.8 | 18.4 | 17.1 | 80 | | | |
| 88 | - | - | - | - | 14.2 | 17.5 | 17.2 | 17.0 | 16.2 | 16.2 | 15.1 | 13.9 | 88 | | | |
| 96 | - | - | - | - | - | 15.5 | 14.5 | 14.3 | 13.5 | 13.5 | 12.4 | 11.3 | 96 | | | |
| 104 | - | - | - | - | - | 13.4 | 12.8 | 12.2 | 11.3 | 11.3 | 10.2 | 9.1 | 104 | | | |
| 112 | - | - | - | - | - | - | 11.1 | 10.3 | 9.4 | 9.4 | 8.3 | 7.2 | 112 | | | |
| 120 | - | - | - | - | - | - | 9.4 | 8.7 | 7.8 | 7.8 | 6.7 | 5.6 | 120 | | | |
| 128 | - | - | - | - | - | - | - | 7.3 | 6.5 | 6.4 | 5.3 | 4.2 | 128 | | | |
| 136 | - | - | - | - | - | - | - | 6.2 | 5.3 | 5.2 | 4.0 | 2.9 | 136 | | | |
| 144 | - | - | - | - | - | - | - | - | 3.6 | 4.2 | 3.1 | - | 144 | | | |
| 152 | - | - | - | - | - | - | - | - | - | 3.2 | - | - | 152 | | | |
| 1) | 29.8 | 22.0 | 17.0 | 13.2 | 10.4 | 7.7 | 5.7 | 3.5 | - | - | - | - | 1) | | | |

1) Capacities with horizontal boom

| 23,600 lb | | 25.3 ft x 23.0 ft | | | | | | | | | | | 360° | | ASME B30.5 | |
|-----------|----------|-------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------|-----|------------|--|
| 41.0 ft | | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft | | | | |
| ft | 1,000 lb | | | | | | | | | | | ft | | | | |
| 10 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | - | 10 | | |
| 12 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 12 | | |
| 14 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 14 | | |
| 16 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 16 | | |
| 18 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 18 | | |
| 20 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 68.3 | - | - | - | - | - | - | 20 | | |
| 24 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 71.3 | 58.7 | - | - | - | - | - | - | 24 | | |
| 28 | 68.5 | 70.0 | 70.1 | 69.7 | 67.4 | 63.8 | 50.8 | 53.4 | - | - | - | - | - | 28 | | |
| 32 | 56.1 | 58.6 | 59.7 | 60.1 | 56.4 | 53.0 | 43.4 | 46.5 | 42.4 | - | - | - | - | 32 | | |
| 36 | - | 48.4 | 50.2 | 49.9 | 47.6 | 46.1 | 38.3 | 40.8 | 37.6 | 33.1 | - | - | - | 36 | | |
| 40 | - | 39.8 | 40.9 | 40.7 | 40.5 | 40.5 | 30.0 | 35.9 | 34.7 | 32.6 | 28.7 | - | - | 40 | | |
| 48 | - | - | 30.0 | 31.0 | 30.7 | 29.8 | 23.4 | 29.1 | 27.4 | 26.2 | 23.8 | 20.1 | - | 48 | | |
| 56 | - | - | 23.5 | 24.0 | 23.7 | 23.7 | 18.3 | 22.5 | 21.2 | 20.5 | 18.4 | 16.3 | 56 | 56 | | |
| 64 | - | - | 18.3 | 18.8 | 18.9 | 18.8 | 14.4 | 17.7 | 16.5 | 16.0 | 14.2 | 12.1 | 64 | 64 | | |
| 72 | - | - | - | 15.1 | 15.3 | 14.9 | 11.5 | 13.8 | 12.6 | 12.4 | 10.7 | 8.7 | 72 | 72 | | |
| 80 | - | - | - | - | 12.4 | 12.0 | 9.1 | 10.6 | 9.8 | 9.8 | 8.0 | 6.3 | 80 | 80 | | |
| 88 | - | - | - | - | 10.1 | 9.6 | 7.2 | 8.3 | 7.4 | 7.4 | 5.8 | 4.2 | 88 | 88 | | |
| 96 | - | - | - | - | - | 7.6 | 5.7 | 6.4 | 5.6 | 5.4 | 4.2 | - | 96 | 96 | | |
| 104 | - | - | - | - | - | 6.1 | 4.3 | 4.8 | 3.9 | 3.9 | 2.8 | - | 104 | 104 | | |
| 112 | - | - | - | - | - | - | 3.3 | 3.5 | - | - | - | - | 112 | 112 | | |
| 120 | - | - | - | - | - | - | - | - | - | - | - | - | 120 | 120 | | |
| 1) | 29.8 | 22.0 | 17.0 | 12.3 | 8.8 | 5.7 | 3.5 | - | - | - | - | - | 1) | 1) | | |

| 19,000 lb | | 25.3 ft x 23.0 ft | | | | | | | | | | | 360° | | ASME B30.5 | |
|-----------|----------|-------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------|-----|------------|--|
| 41.0 ft | | 54.5 ft | 67.9 ft | 81.4 ft | 94.8 ft | 108.3 ft | 121.7 ft | 135.2 ft | 148.6 ft | 162.1 ft | 175.5 ft | 196.2 ft | | | | |
| ft | 1,000 lb | | | | | | | | | | | ft | | | | |
| 10 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | - | 10 | | |
| 12 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 12 | | |
| 14 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | - | 14 | | |
| 16 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 16 | | |
| 18 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | - | 18 | | |
| 20 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | - | - | - | - | - | - | - | 20 | | |
| 24 | 72.3 | 72.3 | 72.3 | 72.3 | 71.3 | 69.9 | 66.4 | - | - | - | - | - | - | 24 | | |
| 28 | 66.0 | 67.4 | 67.5 | 67.2 | 63.5 | 59.4 | 56.0 | 50.3 | - | - | - | - | - | 28 | | |
| 32 | 51.9 | 54.4 | 56.7 | 56.0 | 52.3 | 50.1 | 47.0 | 44.7 | 40.4 | - | - | - | - | 32 | | |
| 36 | - | 45.4 | 46.6 | 46.4 | 44.2 | 43.9 | 40.8 | 38.8 | 35.9 | 31.7 | - | - | - | 36 | | |
| 40 | - | 36.8 | 37.9 | 37.7 | 39.0 | 37.3 | 36.1 | 35.0 | 32.6 | 29.8 | 27.6 | - | - | 40 | | |
| 48 | - | - | 28.2 | 29.0 | 28.4 | 28.6 | 28.4 | 26.6 | 24.8 | 23.8 | 21.5 | 19.1 | - | 48 | | |
| 56 | - | - | 21.6 | 22.0 | 22.1 | 22.0 | 21.6 | 20.6 | 19.0 | 18.4 | 16.3 | 14.2 | - | 56 | | |
| 64 | - | - | 16.7 | 17.2 | 17.4 | 17.2 | 16.7 | 15.9 | 14.9 | 14.2 | 12.2 | 10.2 | - | 64 | | |
| 72 | - | - | - | 13.5 | 13.7 | 13.3 | 12.9 | 12.2 | 11.1 | 10.9 | 8.9 | 7.1 | - | 72 | | |
| 80 | - | - | - | - | 11.1 | 10.6 | 10.2 | 9.3 | 8.4 | 8.3 | 6.5 | 4.7 | - | 80 | | |
| 88 | - | - | - | - | 8.8 | 8.4 | 8.0 | 7.1 | 6.2 | 6.2 | 4.5 | - | - | 88 | | |
| 96 | - | - | - | - | - | 6.5 | 6.1 | 5.3 | 4.5 | 4.5 | 2.9 | - | - | 96 | | |
| 104 | - | - | - | - | - | 5.0 | 4.6 | 3.7 | 3.0 | 2.8 | - | - | - | 104 | | |
| 112 | - | - | - | - | - | - | 3.5 | - | - | - | - | - | - | 112 | | |
| 1) | 29.8 | 22.0 | 16.1 | 11.0 | 7.7 | 4.9 | 2.6 | - | - | - | - | - | 1) | 1) | | |

1) Capacities with horizontal boom

Ratings are in compliance with ASME B30.5.
Lifting capacities do not exceed 85 % of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.
Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

Basic machine

Equipment carrier

| | |
|---|--|
| Engine 405-4 | Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with Tier 4F; Exhaust system complete stainless steel. |
| Fuel tank | Fuel tank 127 gallons Diesel (no RME / biodiesel); 16 gallons AdBlue tank. |
| Transmission ZF TraXon | ZF TraXon; Automated gearbox with integrated hydraulic retarder, 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock. |
| Axles 10 x 6 x 10 | 10 x 6 x 10; Five axles, axles 2, 4, 5 are driven and dispose of a selectable transverse lock; Axle 4 with selectable longitudinal lock; All axles steered. |
| Suspension | Hydropneumatic suspension with axle load compensation; Hydraulically lockable. |
| Steering | Dual-circuit steering system with independent rear axle steering; Axles 1, 2, 3 mechanically connected; Axles 4 and 5 electro-hydraulically connected, all axles steered with 6 different steering programs. |
| Brakes | Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wear-free sustained-action brake; Additional exhaust brake; Parking brake. |
| Tires size 385/95 R25 (14.00R25) | Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"; TechKing ETCRANE 170F or similar. |
| Cab 2550 | Type 8.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary / passenger seat; Powered door windows; Tinted glass; Central door locking; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating. |
| Heating engine-dependent | Engine-dependent warm water heating with 12 kW heating power. |
| Aircondition | Aircondition for carrier cab, 7 kW rated cooling power. |
| Drive lights | Including low beam, upper beam, daytime running lights, fog lights and cornering lights. |
| Outriggers | H-4-point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 8.4 ft, 15.4 ft, 23.0 ft. |
| Outrigger pads 038PA | 4 round polyamide outrigger pads A = 1.25 ft ² with transport position at vertical cylinder. |
| Outrigger basis monitoring | Individual monitoring of horizontal stroke; Deviation warning in crane cab. |
| Outrigger load indicator | The outrigger load is indicated in the operator cab and the outrigger control box. |
| Electronic immobilizer system | Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys. |
| Pneumatic system adapter for inflating tires | Pneumatic system adapter for inflating tires makes it possible for operators to inflate tires by themselves. |
| Contour safety marking | Continuous reflective strips on the sides of the chassis and on the rear. |

Equipment superstructure

| | |
|-----------------------------------|---|
| Telescopic boom HA60 | 41.0 ft - 196.2 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 4 sheaves integrated in boom head for max. capacity of 141,800 lb. |
| Boom luffing | 1 luffing cylinder with automatic lowering brake valve. |
| Rotary drive | Single slewing gear unit with spring-loaded multi-disc brake. |
| H1 | Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring. |
| Counterweight 69,700 lb | Counterweight 69,700 lb, 6 pieces (a-f); Automatic rigging system. |
| Control system | Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits. |
| Operator aids | IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger. |
| Working range limiter | Displaying and programmability of the work range limits by IC-1. |
| Hook height indication | Displaying and programmability of the hook height H1 by IC-1. |
| Cab 875 | Type 2.87 ft; Tilt infinitely variable 16°; Sliding window rear; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating. |
| Heating engine-independent | Engine-independent warm water heating with 5 kW heating power. |
| Aircondition | Aircondition in crane cab with 5 kW rated cooling power. |
| Anemometer | Removable, to be used with all extensions. |

Additional equipment

Carrier

| | |
|-----------------------------|---|
| Engine 331-3 | Scania DC13; Diesel engine; 331 kW / 2100 1/min (450 HP), torque 2007 Nm / 1575 1/min; The engine complies with EU Stage III A / Tier 3; Exhaust system optional with spark arrester. |
| Axles 10 x 8 x 10 | 10 x 8 x 10; Five axles, axles 1, 2, 4, 5 are driven and dispose of a selectable transverse lock; Axles 2 and 4 with a disengageable center-differential lock; All axles steered. |
| Additional fuel tank | Additional fuel tank 37 gallons; For 164 gallons diesel total in carrier (no RME / biodiesel). |

Superstructure

| | |
|---|---|
| Heavy lift attachment | 2 additional sheaves; Dis-/connectable; For total 6 sheaves at boom head; Max. capacity 202,400 lb. |
| 2. hoist (H2) | 2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. quick couplings and transport rack. |
| Additional counterweight 23,300 lb | Additional counterweight 23,300 lb; 2 pieces; for total 93,000 lb, 8 pieces. |
| Load supervision camera | Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head. |

Handling

| | |
|-----------------------|--|
| Remote control | Control of superstructure movements via wireless remote control. |
| IC-1 Plus | Smart crane control system for main boom operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation. |
| IC-1 Remote | IC-1 Remote, Demag telematic system. |

Extensions

| | |
|------------------------|--|
| HAV 37.4 ft | 37.4 ft; Lattice swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage. |
| HAV 68.9 ft | 68.9 ft; Double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Includes HAV 37.4 ft. |
| HAV-VA 108.3 ft | 108.3 ft; Variable extension; Single piece, 39.4 ft lattice boom extension and double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage for double folding swing-away jib; Includes HAV 37.4 ft, HAV 68.9 ft and HAV-VA 75.5 ft. |
| HAV-HY | Hydraulic offset 0°-40° instead of manual offset 20°/40°; available for HAV 37.4 ft, HAV 68.9 ft, HAV-VA 108.3 ft. |
| MS (runner) | 5.25 ft; Fixed angle runner; 2 sheaves, for max. 72,300 lb lifting capacity; Incl. transport storage at boom head; Not transportable within 9.0 ft crane width. |

Hook Blocks

| | |
|------------------------------|---|
| Hook block 160-7-21-D | 160-7-21-D (3660 lb); Hook block with ramshorn hook; white with red signal stripes. |
| Hook block 125-5-21-D | 125-5-21-D (2490 lb); Hook block with ramshorn hook; white with red signal stripes. |
| Hook block 80-3-21-D | 80-3-21-D (1870 lb); Hook block with ramshorn hook; white with red signal stripes. |
| Hook block 32-1-21-D | 32-1-21-D (1390 lb); Hook block with ramshorn hook; white with red signal stripes. |
| Hook 12-0V-E | 12-0V-E (770 lb); Single hook with vertical swivel; red. |

Further additional equipment on request!

Weight data may deviate from posted values based on road / travel configuration, equipment configuration, and component weight tolerances.

December 2020. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the corresponding Operator's Manual when using our equipment or to otherwise act responsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Tadano makes no other warranty, express or implied. All rights reserved. Products and services listed may be trademarks, service marks or trade-names of Tadano Ltd.

© Tadano Demag GmbH 2020. Tadano and Demag are trademarks of or licensed by Tadano Ltd. or its subsidiaries.



Tadano Demag GmbH
Europa Allee 2
66482 Zweibrücken
Germany
T +49 6332 830

info.demag@tadano.com
www.demagmobilecranes.com



Tadano Ltd. (International Division)
4-12, Kamezawa 2-chome
Sumida-ku Tokyo 130-0014, Japan
E info@tadano.com T 81-3-3621-7750
www.tadano.com