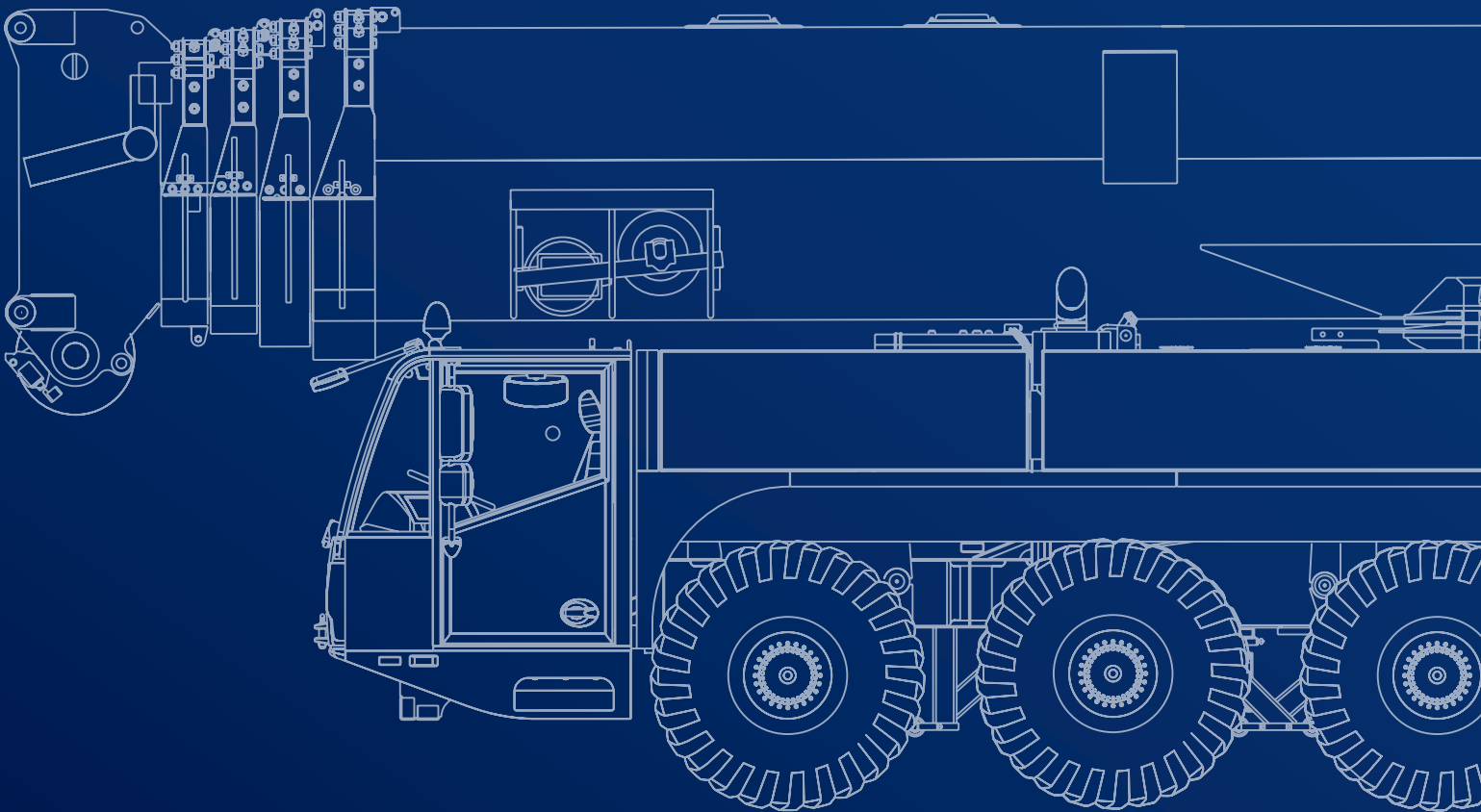


AC 9.700-1

800 US TON MAX. CRANE CAPACITY








November 2021. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings in this brochure are for illustrative purposes only. For correct and safe crane operation, the original operating manual and lifting capacity charts are essential. Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death. The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your local Tadano dealer for details), and Tadano makes no other warranty, express or implied. All rights reserved. Any use of the trademarks, logos, brand names and model names used herein is prohibited.

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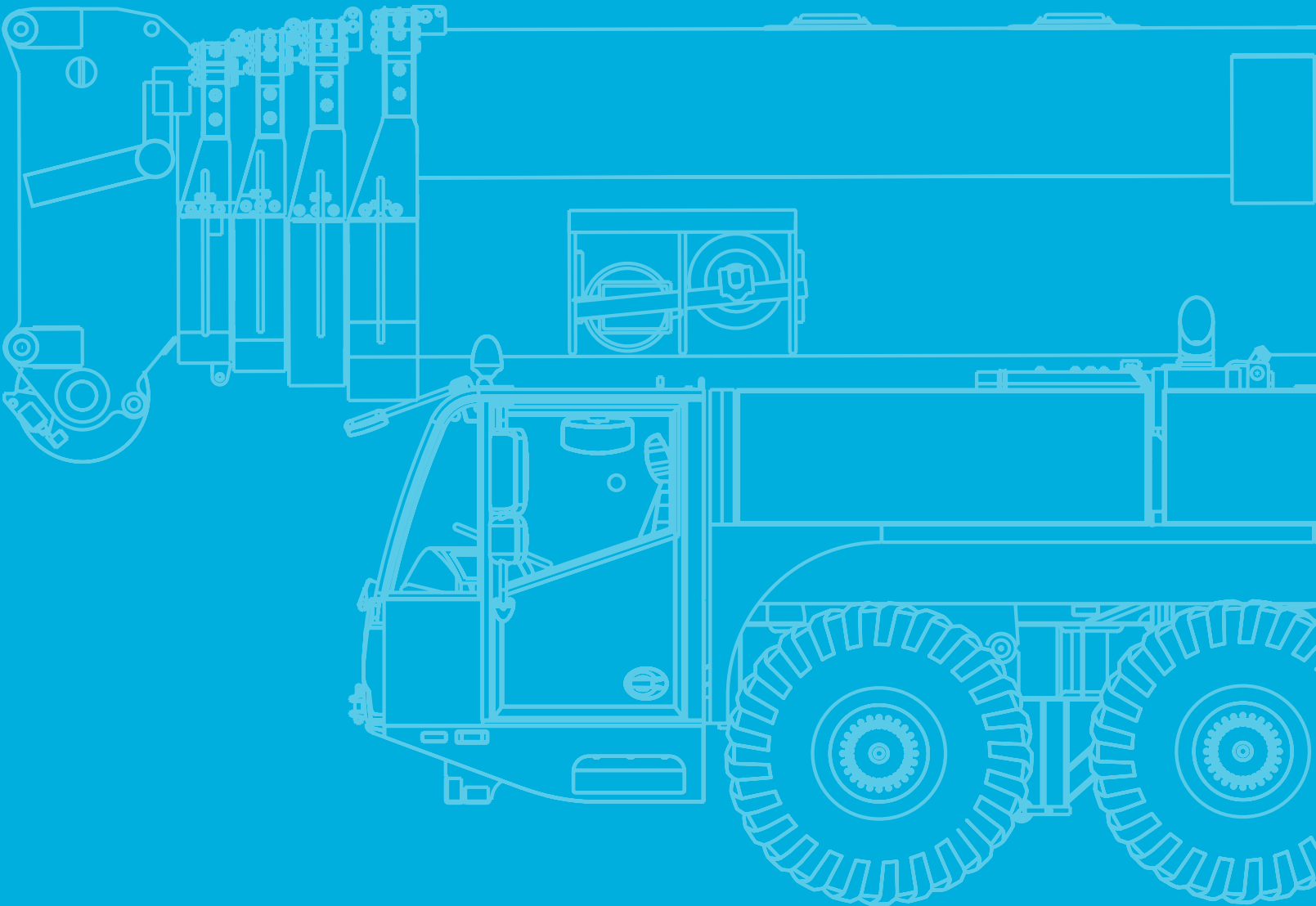
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Key

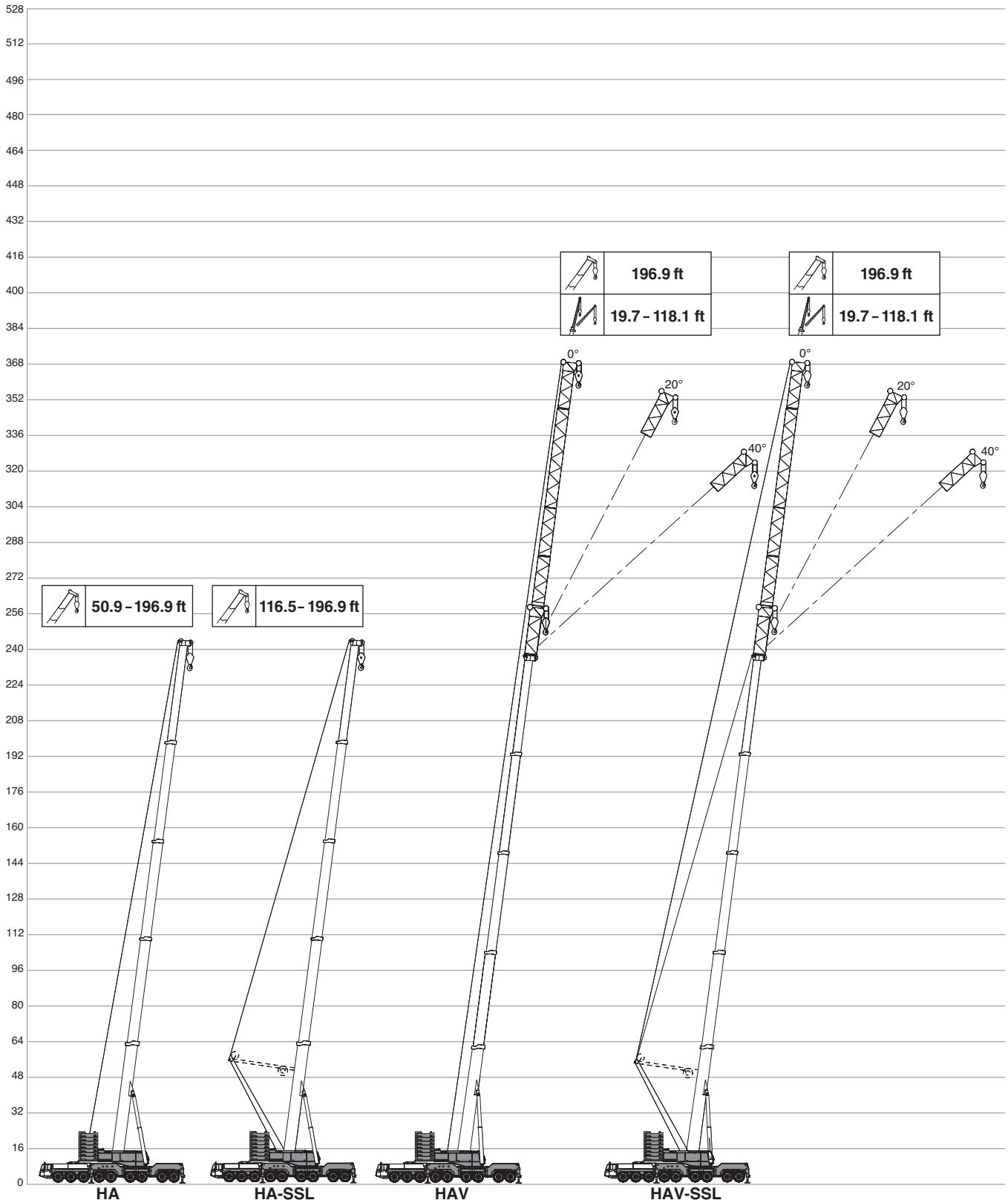
| | | | |
|---|---|---|---|
|  | Counterweight |  | Boom telescoping |
|  | Lifting capacities on outriggers · 360° |  | Boom elevation |
|  | Radius |  | Working speeds |
|  | Main boom |  | Slewing |
|  | Folding swing-away jib |  | Max. line pull |
|  | Fixed fly jib |  | Rope diameter |
|  | Luffing fly jib |  | Rope length |
|  | Adapter |  | Hook block |
|  | Sideways Superlift |  | Number of lines |
|  | Max. axle loads |  | Possible load of hook block |
|  | Mechanism |  | Weight of hook block |
|  | Tires |  | Distance head sheave axle – hook ground |
|  | Hook block |  | Number of sheaves in boom head |
|  | Hoist |  | Max. outrigger load |
|  | Travel speed |  | Length of stroke (support cylinders) |
|  | Gradeability |  | Payload incl. rear storage box |
|  | Off road / On road |  | Front outrigger |
| | |  | Rear outrigger |

GENERAL TECHNICAL DATA



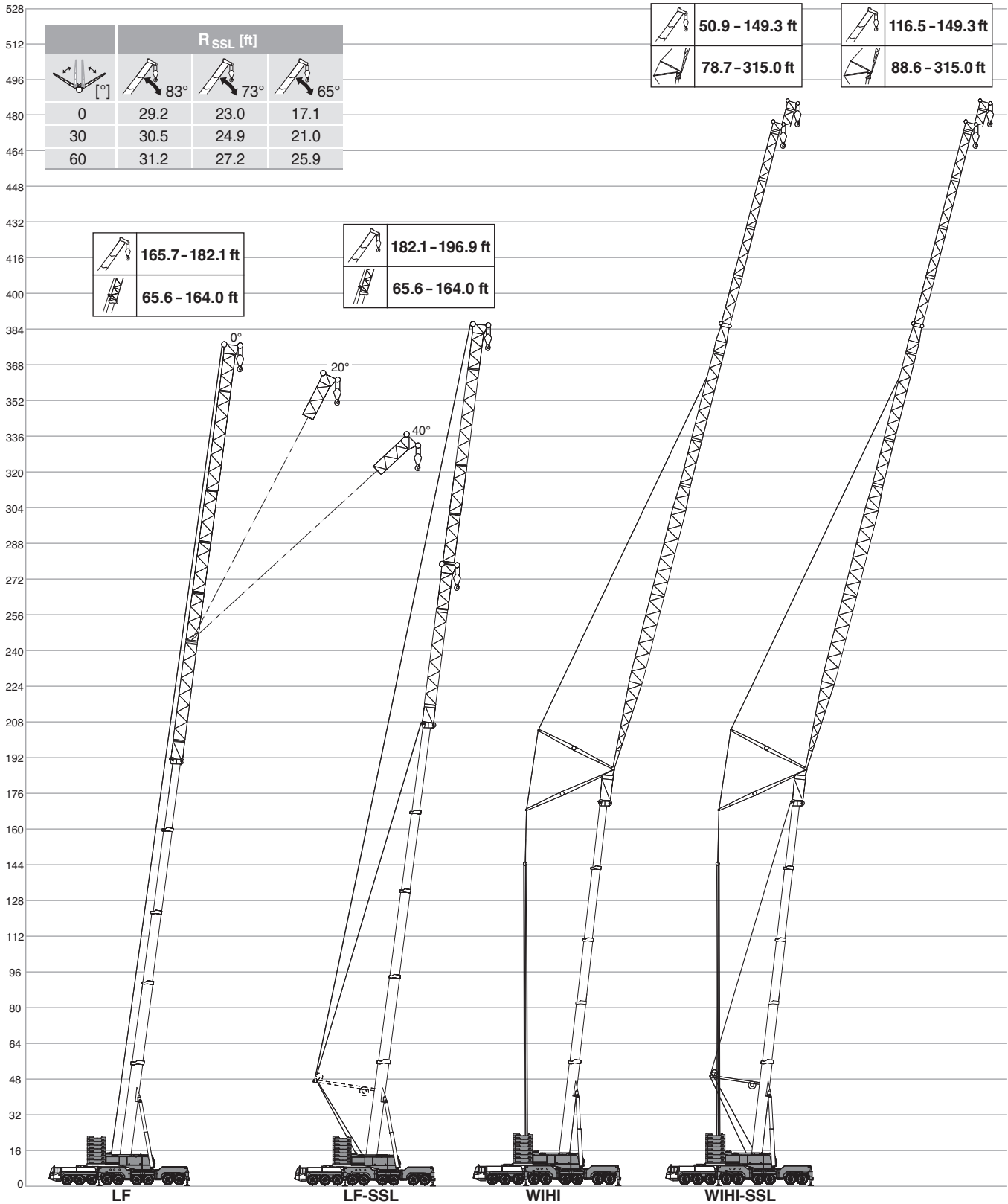
General

Boom combinations

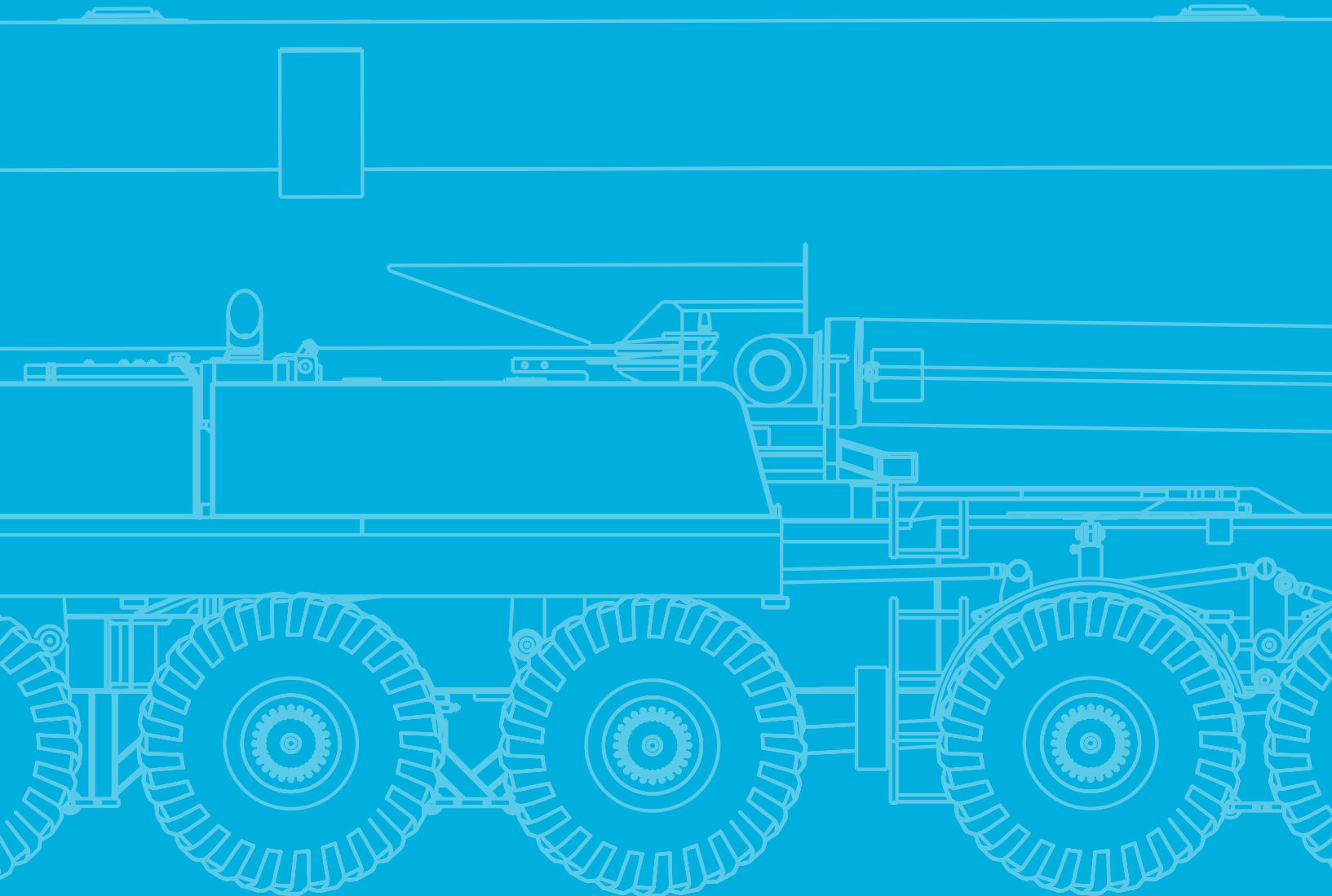


General










Boom combinations







TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING






On-road and off-road driving

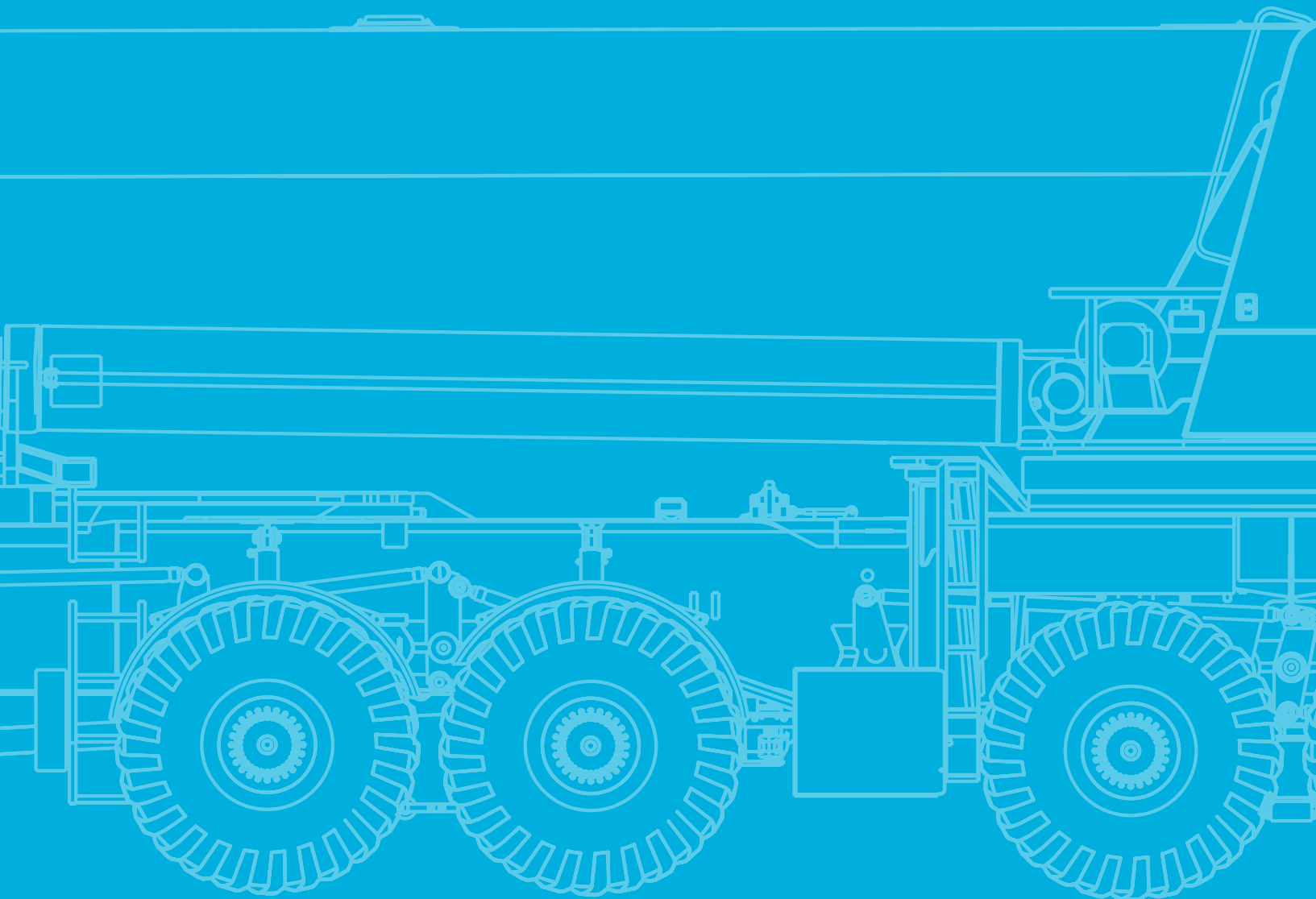
| Axle loads | | | | | | | | | |
|---|--------------|---|---|---|---|--|---|---|---|
|  | Total |  |  |  |  |  |  |  |  |
| < 18,740 lb | < 136,700 lb | 18 x 8 x 16 | 385/95R25 | – | – | – | – | – | – |
| < 26,500 lb | < 238,100 lb | 18 x 8 x 16 | 385/95R25 | – | X | – | – | – | 10,360 lb |
| < 30,210 lb | < 271,200 lb | 18 x 8 x 16 | 385/95R25 | 88,200 lb | X | X | X | – | – |
| < 32,000 lb | < 275,600 lb | 18 x 8 x 16 | 385/95R25 | 88,200 lb | X | – | X | X | – |
| < 34,180 lb | < 306,500 lb | 18 x 8 x 16 | 385/95R25 | 88,200 lb | X | X | X | X | 10,360 lb |

| Speeds and gradeability | |
|---|---------------------------|
|  | 385/95 R 25 14.00 R 25 |
|  | 35 % |
|  | 40 % |
|  | 46.6 mph ¹⁾ |

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

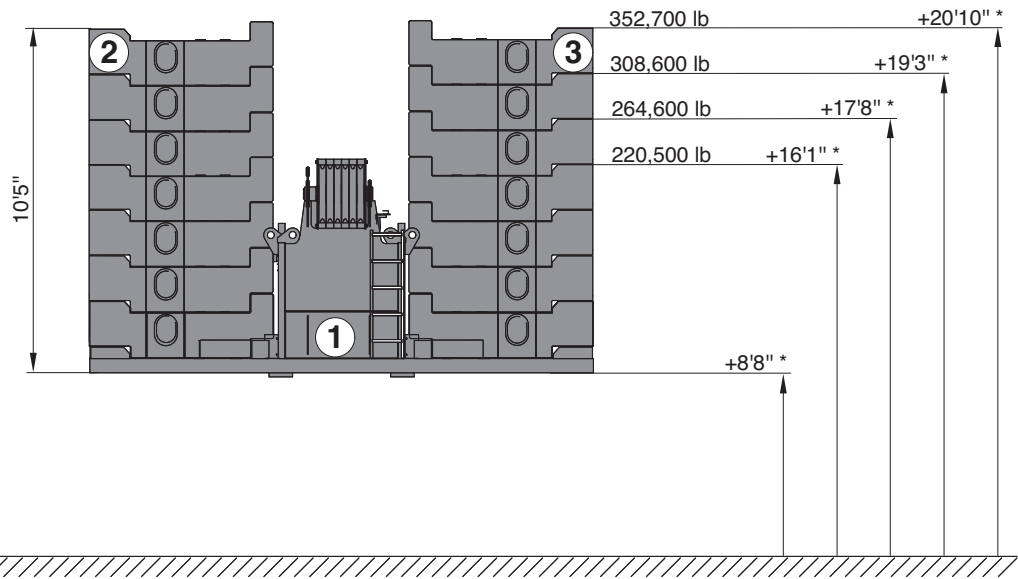
| Steering | |
|---|--------------------|
|  | 1 Road travel |
|  | 2 Manually steered |
|  | 3 Crab steer mode |

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight



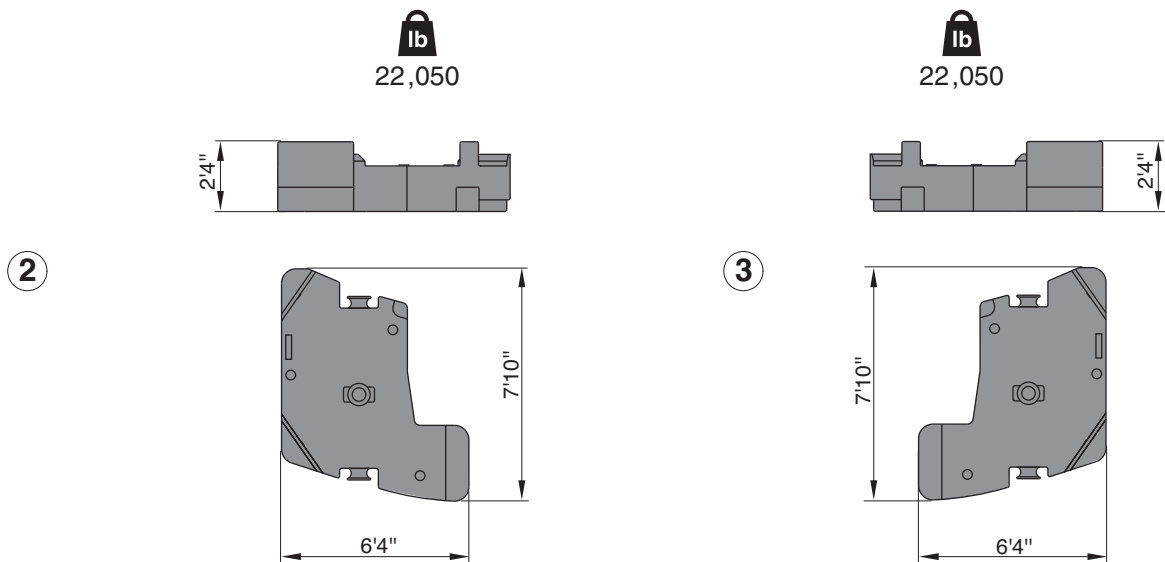
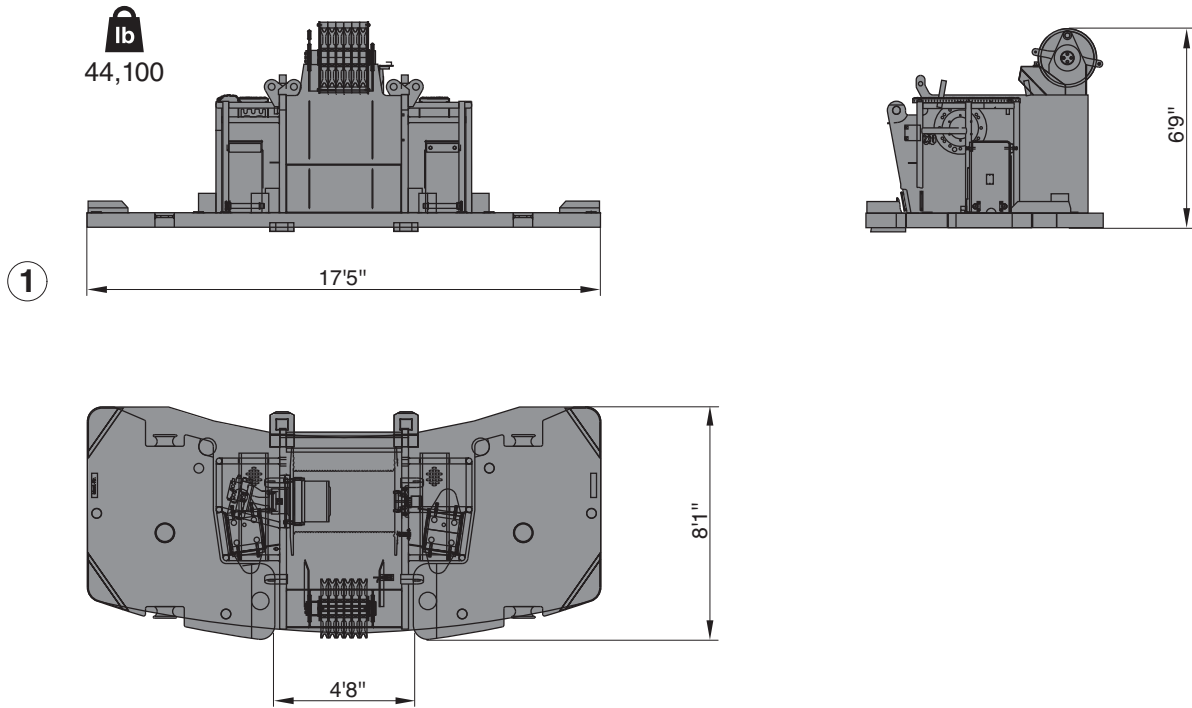
* Tail swing above ground

Configurations

| | 44,100 lb | 88,200 lb | 132,300 lb | 176,400 lb | 220,500 lb | 264,600 lb | 308,700 lb | 352,700 lb |
|-------------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| ① 44,100 lb | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ② 22,050 lb | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| ③ 22,050 lb | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Transportation

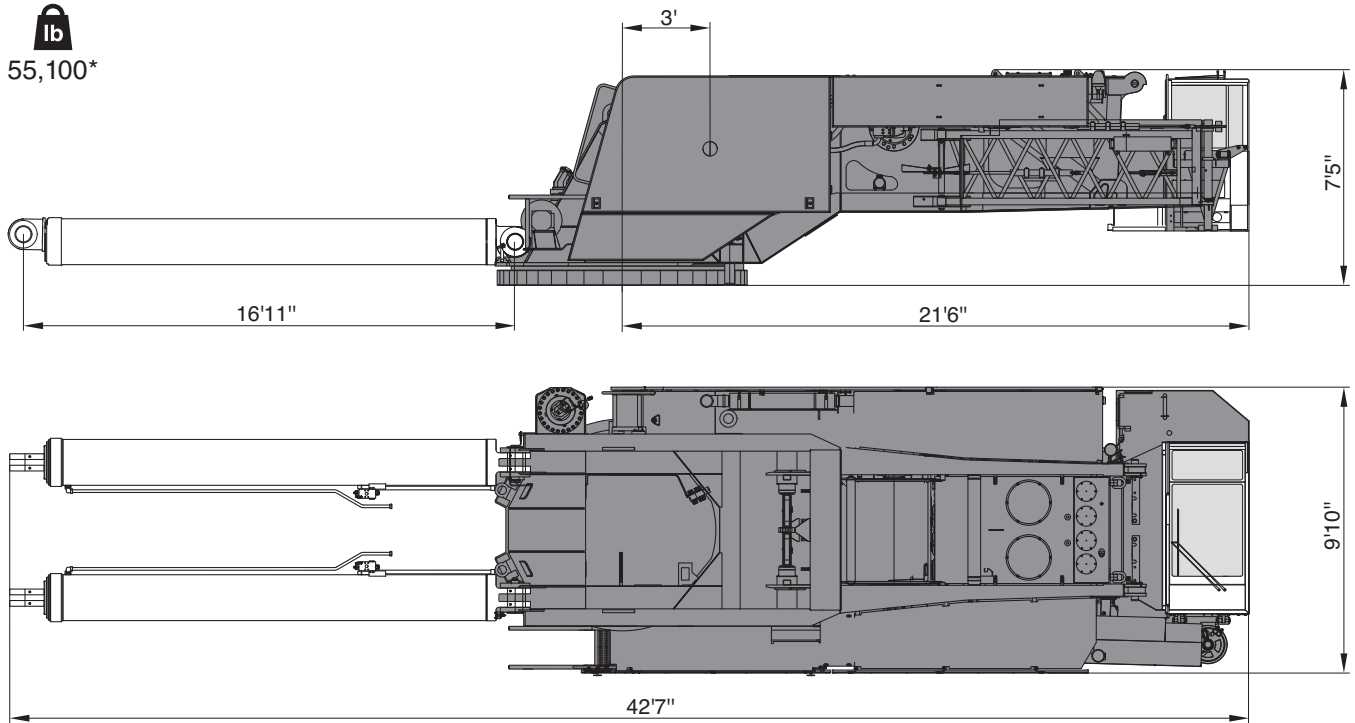
Counterweight



Transportation

Superstructure with luffing cylinder

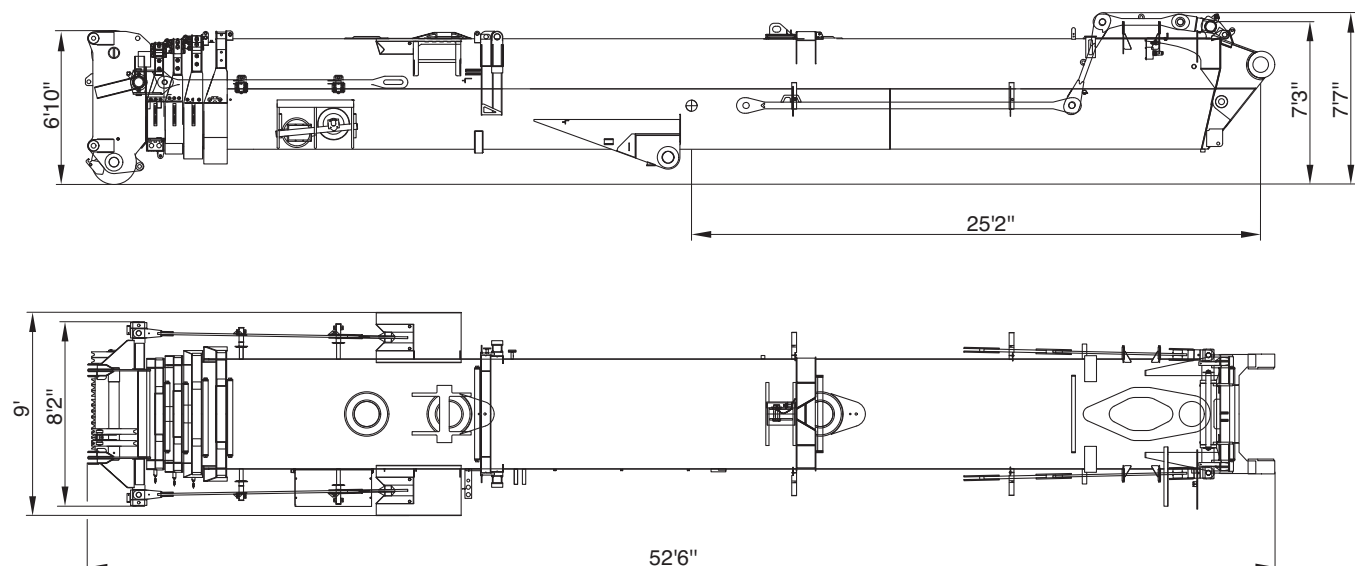
 55,100*



* incl. luffing cylinder

Main boom

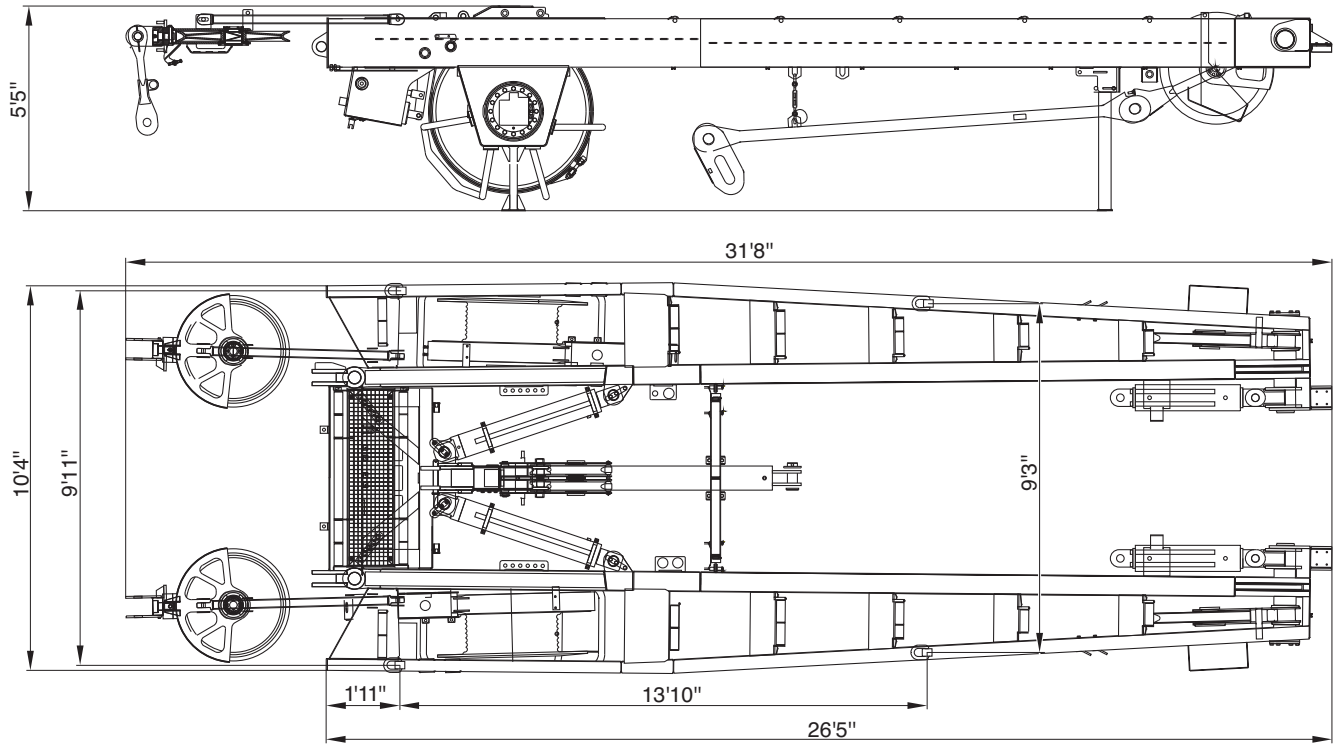
 92,600



Transportation

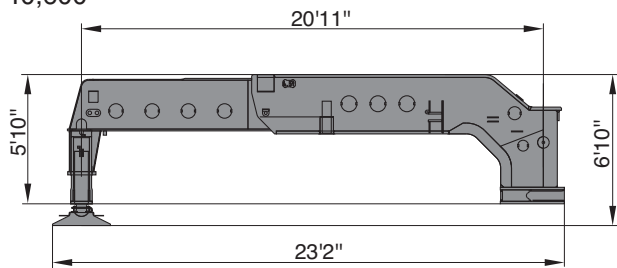
Sideways Superlift (SSL)

lb
26,500

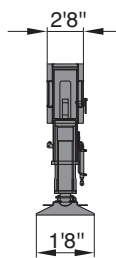
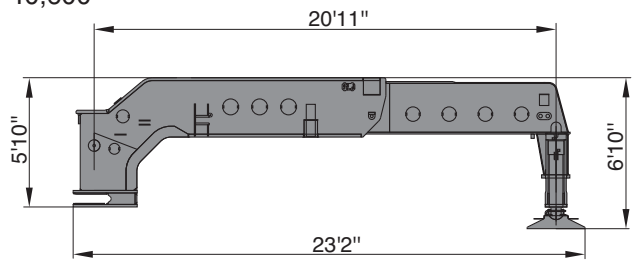


Outriggers

lb
10,600



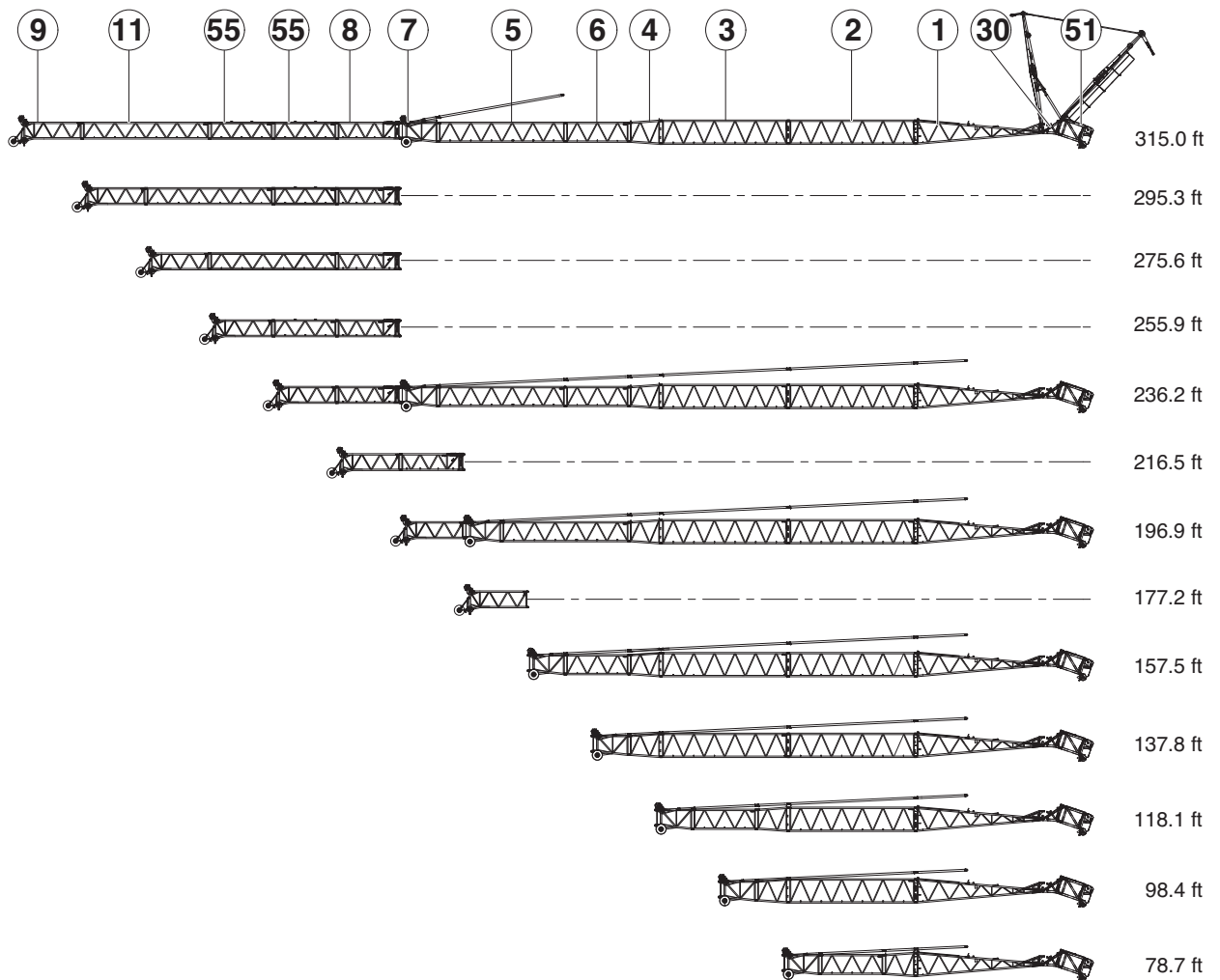
lb
10,600



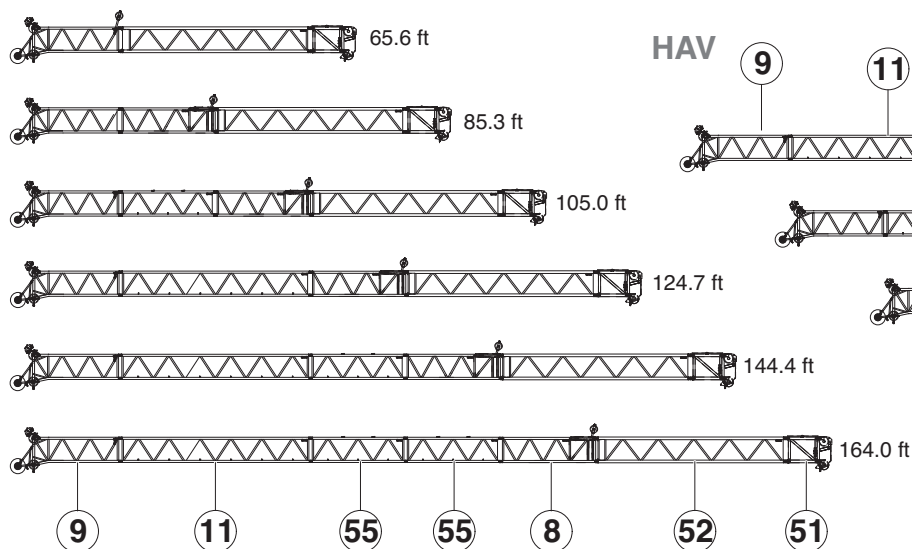
Transportation

Jib

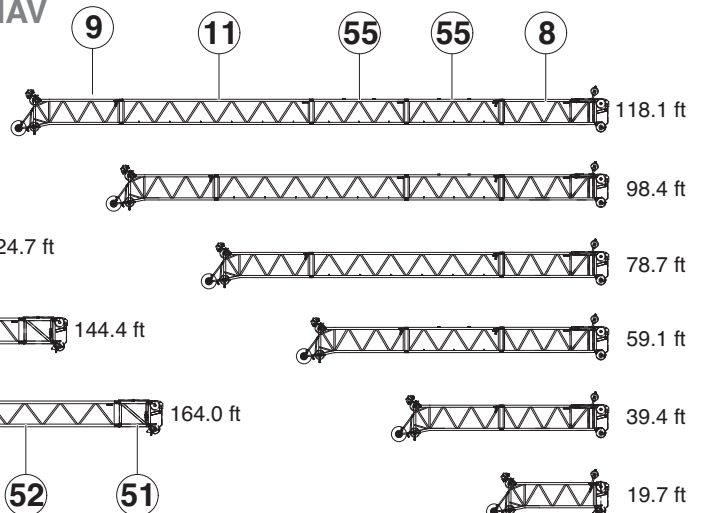
WIHI



LF

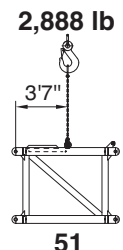
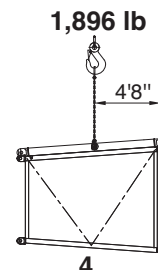
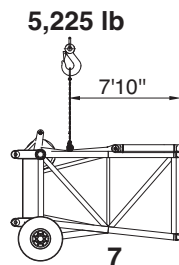
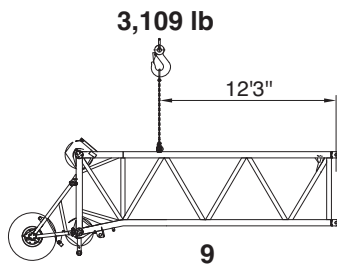
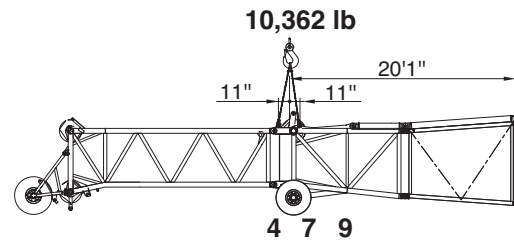
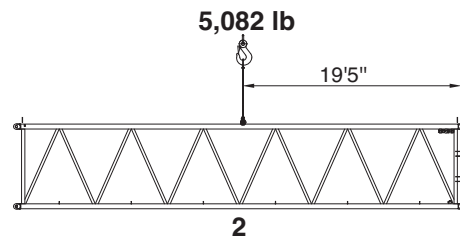
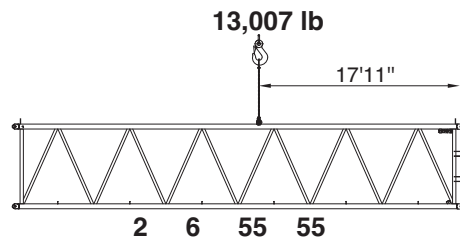
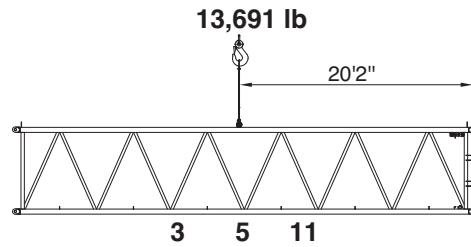
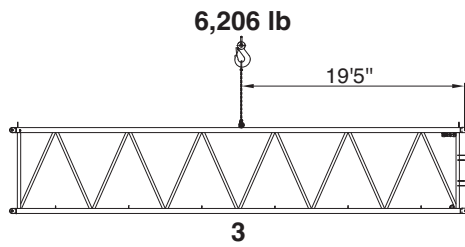
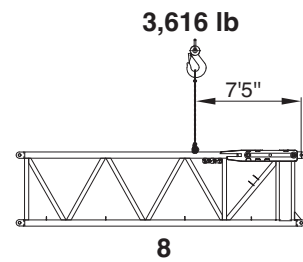
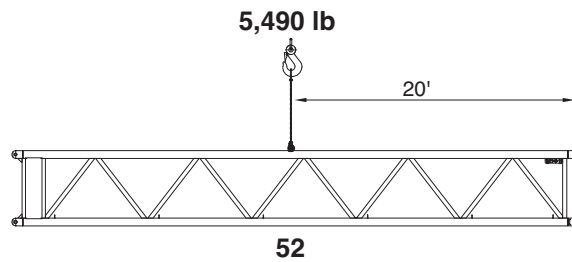
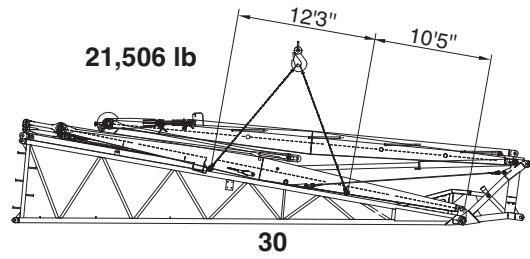
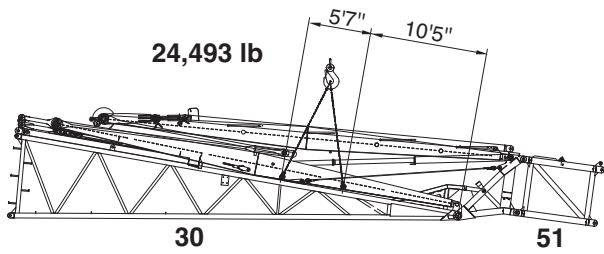


HAV



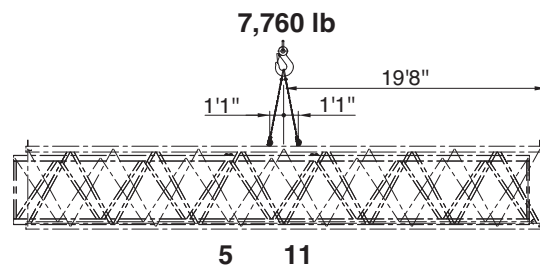
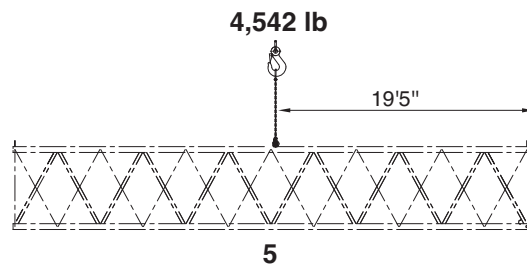
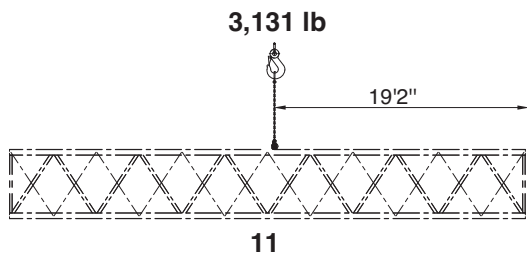
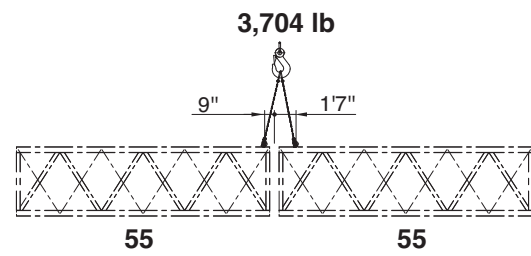
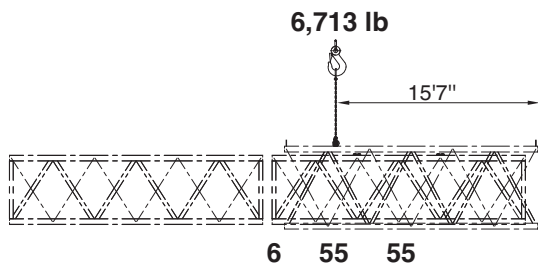
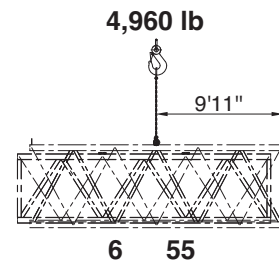
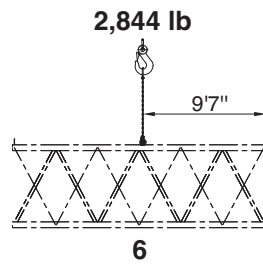
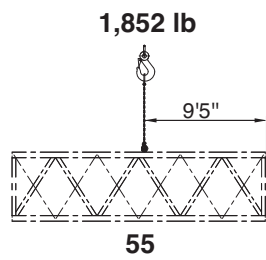
Transportation

Jib

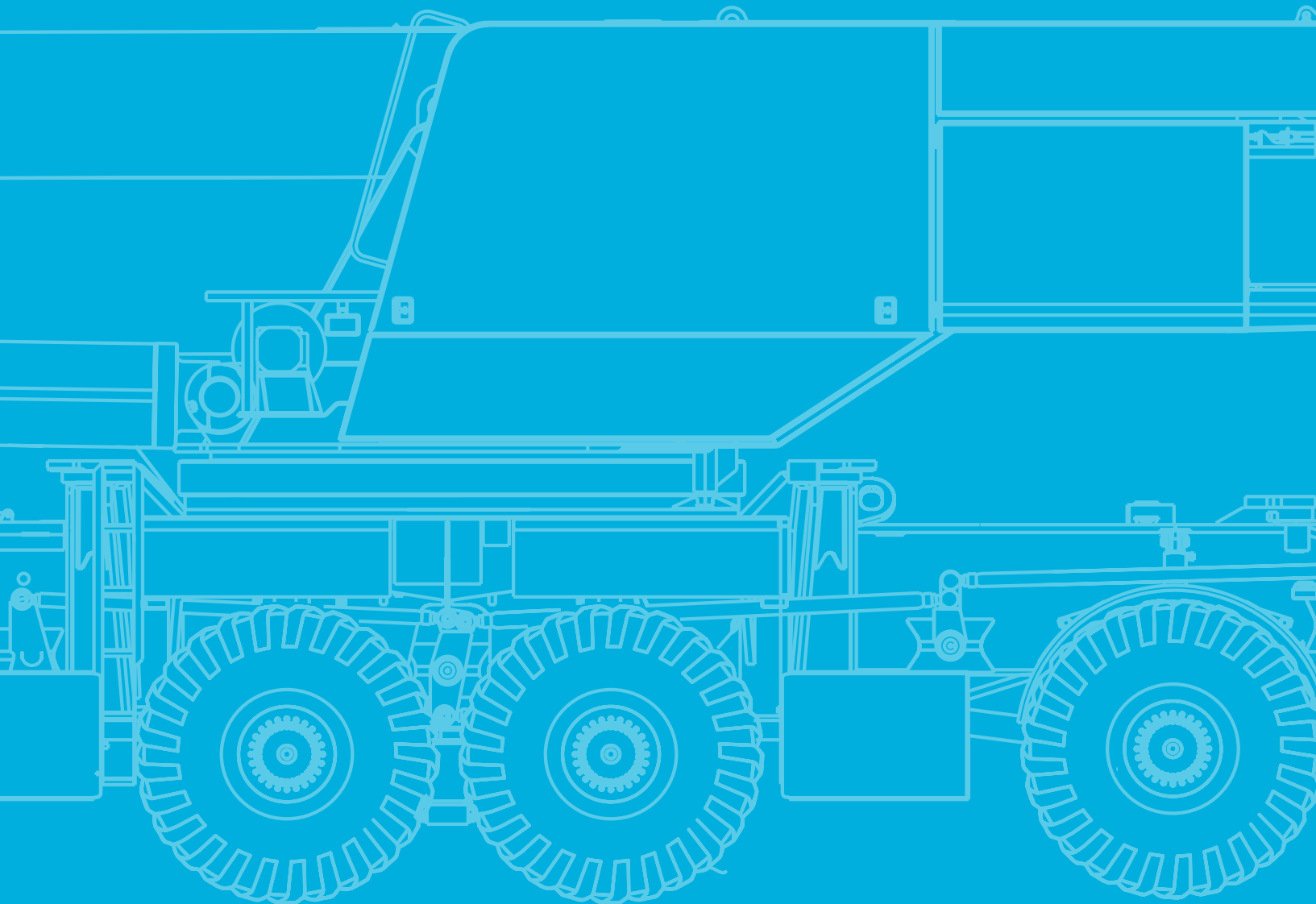


Transportation

Jib



TECHNICAL DATA FOR OPERATION



Operation

Main boom



approx. 480 s (50.9 – 196.9 ft)



approx. 120 s (-5° - +83°)

Slewing



0,7 min⁻¹








Hoist

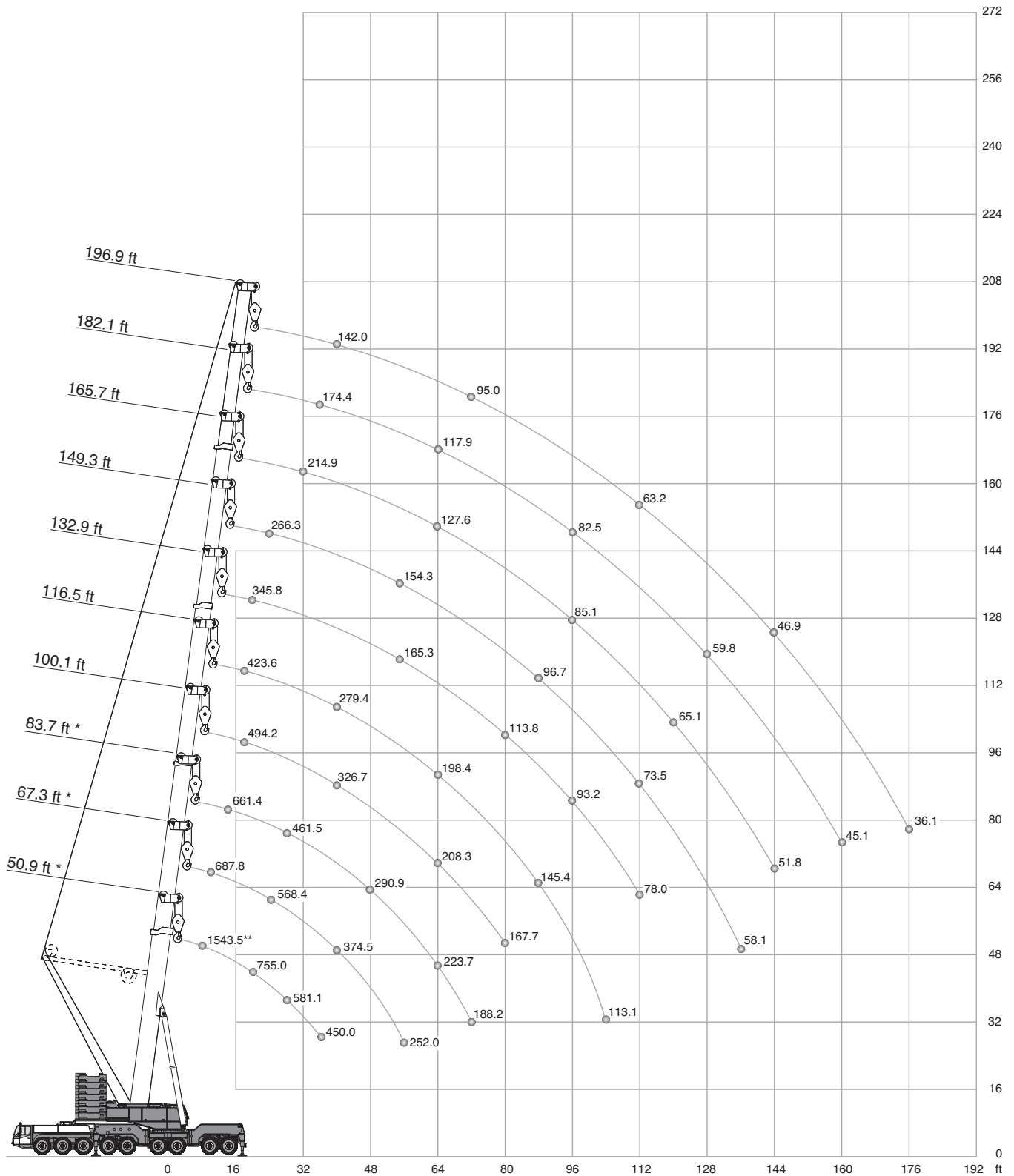
| | 446.2 ft/min | 30,350 lbf | 1.02" | 1805 ft |
|--|--------------|------------|-------|---------|
| | 492.1 ft/min | 30,350 lbf | 1.02" | 2526 ft |

Outrigger cylinders

| | 408,000 lb | 408,000 lb |
|--|------------|------------|
| | 21.7" | 21.7" |

Operation

| Hook Blocks  | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| 33,100 lb | 30,000 lb | 9 | 1 | 2,000 lb | 6.6 ft |
| 88,200 lb | 59,540 lb | 9 | 2 | 2,700 lb | 8.9 ft |
| 88,200 lb | 88,860 lb | 9 | 3 | 2,700 lb | 8.9 ft |
| 220,500 lb | 118,000 lb | 9 | 4 | 4,000 lb | 9.8 ft |
| 220,500 lb | 146,600 lb | 9 | 5 | 4,000 lb | 9.8 ft |
| 220,500 lb | 175,100 lb | 9 | 6 | 4,000 lb | 9.8 ft |
| 220,500 lb | 203,300 lb | 9 | 7 | 4,000 lb | 9.8 ft |
| 352,700 lb | 231,100 lb | 9 | 8 | 4,900 lb | 9.8 ft |
| 352,700 lb | 258,700 lb | 9 | 9 | 4,900 lb | 9.8 ft |
| 352,700 lb | 286,000 lb | 9 | 10 | 4,900 lb | 9.8 ft |
| 352,700 lb | 313,100 lb | 9 | 11 | 4,900 lb | 9.8 ft |
| 441,000 lb | 339,800 lb | 9 | 12 | 5,700 lb | 9.8 ft |
| 441,000 lb | 366,300 lb | 9 | 13 | 5,700 lb | 9.8 ft |
| 441,000 lb | 392,700 lb | 9 | 14 | 5,700 lb | 9.8 ft |
| 441,000 lb | 418,500 lb | 9 | 15 | 5,700 lb | 9.8 ft |
| 551,200 lb | 444,300 lb | 9 | 16 | 6,200 lb | 14.8 ft |
| 551,200 lb | 469,900 lb | 9 | 17 | 6,200 lb | 14.8 ft |
| 551,200 lb | 495,000 lb | 9 | 18 | 6,200 lb | 14.8 ft |
| 551,200 lb | 520,000 lb | 9 + 4 | 19 | 6,200 lb | 14.8 ft |
| 705,600 lb | 544,600 lb | 9 + 4 | 20 | 7,700 lb | 14.8 ft |
| 705,600 lb | 569,100 lb | 9 + 4 | 21 | 7,700 lb | 14.8 ft |
| 705,600 lb | 593,400 lb | 9 + 4 | 22 | 7,700 lb | 14.8 ft |
| 705,600 lb | 617,400 lb | 9 + 4 | 23 | 7,700 lb | 14.8 ft |
| 705,600 lb | 641,000 lb | 9 + 4 | 24 | 8,800 lb | 14.8 ft |
| 705,600 lb | 664,600 lb | 9 + 4 | 25 | 8,800 lb | 14.8 ft |
| 705,600 lb | 688,000 lb | 9 + 4 | 26 | 8,800 lb | 14.8 ft |



** Max. crane capacity – with additional special equipment

Operation

HA

| 308,600 lb | | 360° | | | | | | | | | | ASME B30.5 | | | |
|------------|----------------------|----------|---------|----------|---------|----------|---------|----------|----------|----------|----------|------------|----------|----------|-----|
| ft | | 50.9 ft* | 50.9 ft | 67.3 ft* | 67.3 ft | 83.7 ft* | 83.7 ft | 100.1 ft | 116.5 ft | 132.9 ft | 149.3 ft | 165.7 ft | 182.1 ft | 196.9 ft | ft |
| 1,000 lb | | | | | | | | | | | | | | | |
| 8 | 1543.5** | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 |
| 10 | 1255.1 ¹⁾ | 687.8 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | - | 10 |
| 12 | 1067.8 ¹⁾ | 687.8 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | - | 12 |
| 14 | 967.5 ¹⁾ | 687.8 | 687.8 | 687.8 | 661.4 | 661.4 | - | - | - | - | - | - | - | - | 14 |
| 16 | 884.3 ¹⁾ | 674.5 | 687.8 | 672.9 | 661.4 | 661.4 | - | - | - | - | - | - | - | - | 16 |
| 18 | 817.2 ¹⁾ | 635.9 | 670.7 | 633.7 | 630.3 | 630.3 | 494.2 | 423.6 | - | - | - | - | - | - | 18 |
| 20 | 755.0 ¹⁾ | 594.4 | 646.2 | 592.0 | 591.5 | 591.5 | 478.1 | 409.9 | 345.8 | - | - | - | - | - | 20 |
| 24 | 659.7 | 529.3 | 568.4 | 525.5 | 519.8 | 519.8 | 446.5 | 381.1 | 314.2 | 266.3 | - | - | - | - | 24 |
| 28 | 581.1 | 473.7 | 504.4 | 471.5 | 461.5 | 461.5 | 415.8 | 354.2 | 285.9 | 248.7 | - | - | - | - | 28 |
| 32 | 513.5 | 429.2 | 452.9 | 425.4 | 412.7 | 412.7 | 385.2 | 327.3 | 260.6 | 232.5 | 214.9 | - | - | - | 32 |
| 36 | 450.0 | 393.2 | 412.0 | 388.8 | 374.5 | 374.5 | 355.6 | 302.6 | 239.6 | 216.9 | 200.9 | 174.4 | - | - | 36 |
| 40 | - | - | 374.5 | 355.1 | 339.9 | 339.9 | 326.7 | 279.4 | 220.2 | 201.8 | 187.6 | 162.8 | 142.0 | - | 40 |
| 48 | - | - | 318.9 | 303.5 | 290.9 | 290.9 | 277.7 | 245.9 | 190.4 | 176.0 | 163.4 | 144.6 | 126.9 | - | 48 |
| 56 | - | - | 252.0 | 239.5 | 252.6 | 252.6 | 238.2 | 219.9 | 165.3 | 154.3 | 143.9 | 129.7 | 114.8 | - | 56 |
| 64 | - | - | - | - | 223.7 | 223.7 | 208.3 | 198.4 | 144.9 | 135.8 | 127.6 | 117.9 | 104.4 | - | 64 |
| 72 | - | - | - | - | 188.2 | 179.6 | 185.7 | 177.9 | 128.2 | 120.5 | 113.8 | 107.2 | 95.0 | - | 72 |
| 80 | - | - | - | - | - | - | 167.7 | 160.6 | 113.8 | 107.4 | 103.2 | 97.9 | 87.1 | - | 80 |
| 88 | - | - | - | - | - | - | - | 145.4 | 102.7 | 96.7 | 93.8 | 89.9 | 80.4 | - | 88 |
| 96 | - | - | - | - | - | - | - | 132.6 | 93.2 | 87.3 | 85.1 | 82.5 | 73.7 | - | 96 |
| 104 | - | - | - | - | - | - | - | 113.1 | 85.7 | 80.2 | 78.0 | 75.8 | 67.9 | - | 104 |
| 112 | - | - | - | - | - | - | - | - | 78.0 | 73.5 | 71.3 | 69.2 | 63.2 | - | 112 |
| 120 | - | - | - | - | - | - | - | - | - | 67.3 | 65.1 | 64.6 | 58.4 | - | 120 |
| 128 | - | - | - | - | - | - | - | - | - | 62.8 | 60.4 | 59.8 | 54.1 | - | 128 |
| 136 | - | - | - | - | - | - | - | - | - | 58.1 | 55.7 | 55.6 | 50.4 | - | 136 |
| 144 | - | - | - | - | - | - | - | - | - | - | 51.8 | 51.8 | 46.9 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | - | 48.3 | 43.7 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | - | 45.1 | 41.0 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | - | 38.5 | - | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | - | 36.1 | - | 176 |

* central jack leg + 352,700 lb counterweight
 ** Max. crane capacity – with additional special equipment
 1) over rear, heavy-lift attachment required






Operation






HA

| 220,500 lb | | 360° | | | | | | | | | | ASME B30.5 |
|------------|-------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|------------|
| ft | | 50.9 ft | 67.3 ft | 83.7 ft | 100.1 ft | 116.5 ft | 132.9 ft | 149.3 ft | 165.7 ft | 182.1 ft | 196.9 ft | ft |
| 1,000 lb | | | | | | | | | | | | ft |
| 10 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | 10 |
| 12 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | 12 |
| 14 | 687.8 | 687.8 | 661.4 | - | - | - | - | - | - | - | - | 14 |
| 16 | 661.2 | 659.6 | 654.7 | - | - | - | - | - | - | - | - | 16 |
| 18 | 619.4 | 617.1 | 619.4 | 494.2 | 423.6 | - | - | - | - | - | - | 18 |
| 20 | 578.9 | 576.7 | 578.7 | 478.1 | 409.9 | 345.8 | - | - | - | - | - | 20 |
| 24 | 514.5 | 511.6 | 512.3 | 446.5 | 381.1 | 314.2 | 266.3 | - | - | - | - | 24 |
| 28 | 461.6 | 457.2 | 459.4 | 415.8 | 354.2 | 285.9 | 248.7 | - | - | - | - | 28 |
| 32 | 416.5 | 413.8 | 412.7 | 385.2 | 327.3 | 260.6 | 232.5 | 214.9 | - | - | - | 32 |
| 36 | 381.0 | 377.8 | 374.5 | 355.6 | 302.6 | 239.6 | 216.9 | 200.9 | 174.4 | - | - | 36 |
| 40 | - | 343.0 | 339.3 | 326.7 | 279.4 | 220.2 | 201.8 | 187.6 | 162.8 | 142.0 | 40 | |
| 48 | - | 280.0 | 281.5 | 277.7 | 245.9 | 190.4 | 176.0 | 163.4 | 144.6 | 126.9 | 48 | |
| 56 | - | 227.2 | 233.7 | 237.0 | 219.9 | 165.3 | 154.3 | 143.9 | 129.7 | 114.8 | 56 | |
| 64 | - | - | 191.7 | 196.1 | 197.5 | 144.9 | 135.8 | 127.6 | 117.9 | 104.4 | 64 | |
| 72 | - | - | 156.2 | 159.5 | 163.9 | 128.2 | 120.5 | 113.8 | 107.2 | 95.0 | 72 | |
| 80 | - | - | - | 133.5 | 137.7 | 113.8 | 107.4 | 103.2 | 97.9 | 87.1 | 80 | |
| 88 | - | - | - | - | 117.6 | 102.7 | 96.7 | 93.8 | 89.9 | 80.4 | 88 | |
| 96 | - | - | - | - | 101.5 | 93.2 | 87.3 | 85.1 | 82.5 | 73.7 | 96 | |
| 104 | - | - | - | - | 89.5 | 84.8 | 80.2 | 78.0 | 75.8 | 67.9 | 104 | |
| 112 | - | - | - | - | - | 75.5 | 73.5 | 71.3 | 69.2 | 63.2 | 112 | |
| 120 | - | - | - | - | - | - | 66.6 | 65.1 | 64.6 | 58.4 | 120 | |
| 128 | - | - | - | - | - | - | 59.5 | 60.2 | 59.8 | 54.1 | 128 | |
| 136 | - | - | - | - | - | - | 53.0 | 54.1 | 55.6 | 50.4 | 136 | |
| 144 | - | - | - | - | - | - | - | 48.3 | 50.7 | 46.9 | 144 | |
| 152 | - | - | - | - | - | - | - | - | 45.5 | 43.7 | 152 | |
| 160 | - | - | - | - | - | - | - | - | 41.0 | 40.8 | 160 | |
| 168 | - | - | - | - | - | - | - | - | - | 37.2 | 168 | |
| 176 | - | - | - | - | - | - | - | - | - | 33.4 | 176 | |

Operation









HA









|  132,300 lb | |  360° | | | | | | | | | | ASME B30.5 | |
|--|---|--|---------|---------|----------|----------|----------|----------|----------|----------|----------|---|--|
|  |  | 50.9 ft | 67.3 ft | 83.7 ft | 100.1 ft | 116.5 ft | 132.9 ft | 149.3 ft | 165.7 ft | 182.1 ft | 196.9 ft |  | |
| ft | 1,000 lb | | | | | | | | | | ft | | |
| 10 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | 10 | |
| 12 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | 12 | |
| 14 | 679.6 | 678.4 | 661.4 | - | - | - | - | - | - | - | - | 14 | |
| 16 | 644.2 | 641.9 | 639.8 | - | - | - | - | - | - | - | - | 16 | |
| 18 | 602.8 | 600.6 | 600.6 | 494.2 | 423.6 | - | - | - | - | - | - | 18 | |
| 20 | 563.5 | 561.3 | 561.5 | 478.1 | 409.9 | 345.8 | - | - | - | - | - | 20 | |
| 24 | 499.8 | 496.9 | 499.1 | 446.5 | 381.1 | 314.2 | 266.3 | - | - | - | - | 24 | |
| 28 | 448.4 | 445.2 | 446.2 | 415.8 | 354.2 | 285.9 | 248.7 | - | - | - | - | 28 | |
| 32 | 395.0 | 391.1 | 392.8 | 385.2 | 327.3 | 260.6 | 232.5 | 214.9 | - | - | - | 32 | |
| 36 | 347.1 | 342.7 | 344.9 | 345.9 | 302.6 | 239.6 | 216.9 | 200.9 | 174.4 | - | - | 36 | |
| 40 | - | 298.3 | 300.7 | 305.1 | 279.4 | 220.2 | 201.8 | 187.6 | 162.8 | 142.0 | - | 40 | |
| 48 | - | 224.5 | 228.2 | 232.9 | 236.2 | 190.4 | 176.0 | 163.4 | 144.6 | 126.9 | - | 48 | |
| 56 | - | 164.6 | 166.8 | 171.7 | 177.2 | 164.7 | 154.3 | 143.9 | 129.7 | 114.8 | - | 56 | |
| 64 | - | - | 128.0 | 132.5 | 137.1 | 133.8 | 132.5 | 127.6 | 117.9 | 104.4 | - | 64 | |
| 72 | - | - | 101.9 | 105.3 | 109.7 | 106.4 | 107.5 | 109.5 | 107.2 | 95.0 | - | 72 | |
| 80 | - | - | - | 86.7 | 90.3 | 87.8 | 87.8 | 90.1 | 92.3 | 87.1 | - | 80 | |
| 88 | - | - | - | - | 75.9 | 73.1 | 73.1 | 74.8 | 77.5 | 78.1 | - | 88 | |
| 96 | - | - | - | - | 64.7 | 61.7 | 62.0 | 63.5 | 66.2 | 66.6 | - | 96 | |
| 104 | - | - | - | - | 56.0 | 51.9 | 52.3 | 54.1 | 56.7 | 57.3 | - | 104 | |
| 112 | - | - | - | - | - | 43.9 | 44.1 | 45.7 | 48.5 | 49.2 | - | 112 | |
| 120 | - | - | - | - | - | - | 37.4 | 38.9 | 41.8 | 42.2 | - | 120 | |
| 128 | - | - | - | - | - | - | 31.8 | 33.3 | 35.9 | 36.3 | - | 128 | |
| 136 | - | - | - | - | - | - | 27.2 | 28.4 | 30.8 | 31.3 | - | 136 | |
| 144 | - | - | - | - | - | - | - | 24.2 | 26.4 | 26.9 | - | 144 | |
| 152 | - | - | - | - | - | - | - | - | 22.7 | 23.1 | - | 152 | |
| 160 | - | - | - | - | - | - | - | - | 19.6 | 19.8 | - | 160 | |
| 168 | - | - | - | - | - | - | - | - | - | 17.0 | - | 168 | |
| 176 | - | - | - | - | - | - | - | - | - | 14.3 | - | 176 | |

|  0 lb | |  360° | | | | | | | | | | ASME B30.5 | |
|--|---|--|---------|---------|----------|----------|----------|----------|----------|----------|----------|---|--|
|  |  | 50.9 ft | 67.3 ft | 83.7 ft | 100.1 ft | 116.5 ft | 132.9 ft | 149.3 ft | 165.7 ft | 182.1 ft | 196.9 ft |  | |
| ft | 1,000 lb | | | | | | | | | | ft | | |
| 10 | 687.8 | 687.8 | - | - | - | - | - | - | - | - | - | 10 | |
| 12 | 687.1 | 686.4 | - | - | - | - | - | - | - | - | - | 12 | |
| 14 | 663.3 | 661.1 | 652.0 | - | - | - | - | - | - | - | - | 14 | |
| 16 | 615.5 | 613.3 | 615.5 | - | - | - | - | - | - | - | - | 16 | |
| 18 | 569.8 | 567.6 | 569.8 | 494.2 | 423.6 | - | - | - | - | - | - | 18 | |
| 20 | 523.1 | 520.9 | 520.5 | 470.2 | 405.5 | 343.5 | - | - | - | - | - | 20 | |
| 24 | 425.2 | 406.3 | 378.6 | 340.6 | 314.6 | 274.7 | 248.0 | - | - | - | - | 24 | |
| 28 | 317.8 | 279.2 | 252.7 | 237.6 | 226.3 | 200.1 | 185.5 | - | - | - | - | 28 | |
| 32 | 201.7 | 188.2 | 183.6 | 176.8 | 172.4 | 153.6 | 144.0 | 137.7 | - | - | - | 32 | |
| 36 | 144.9 | 136.0 | 137.6 | 138.0 | 139.0 | 124.6 | 117.4 | 112.9 | 111.2 | - | - | 36 | |
| 40 | - | 94.8 | 98.0 | 104.4 | 109.9 | 99.7 | 94.6 | 91.5 | 91.5 | 87.3 | - | 40 | |
| 48 | - | 56.9 | 59.1 | 63.9 | 69.3 | 66.0 | 65.5 | 65.3 | 65.7 | 63.6 | - | 48 | |
| 56 | - | 36.0 | 37.4 | 41.8 | 46.9 | 43.7 | 44.4 | 46.3 | 48.4 | 46.9 | - | 56 | |
| 64 | - | - | 23.9 | 27.8 | 32.3 | 29.4 | 29.9 | 31.9 | 34.6 | 34.6 | - | 64 | |
| 72 | - | - | 13.7 | 17.8 | 22.3 | 19.4 | 20.0 | 21.8 | 24.5 | 25.1 | - | 72 | |
| 80 | - | - | - | 10.0 | 14.8 | 11.1 | 11.7 | 13.9 | 17.0 | 17.7 | - | 80 | |
| 88 | - | - | - | - | 8.5 | - | - | 7.4 | 10.4 | 11.3 | - | 88 | |
| 96 | - | - | - | - | - | - | - | - | - | 6.1 | - | 96 | |

Operation





HA-SSL 0°

| ☰ 352,700 lb | |  360° | | | | | ASME B30.5 | | |
|---|---|--|---|---|---|---|------------|--|--|
|  |  |  |  |  |  |  | | | |
| ft | 1,000 lb | | | | | | ft | | |
| 18 | 429.9 | - | - | - | - | - | 18 | | |
| 20 | 429.3 | 360.7 | - | - | - | - | 20 | | |
| 24 | 421.2 | 350.7 | 303.7 | - | - | - | 24 | | |
| 28 | 410.8 | 342.6 | 294.1 | 250.1 | - | - | 28 | | |
| 32 | 394.0 | 332.9 | 287.7 | 247.5 | 204.7 | 158.2 | 32 | | |
| 36 | 370.9 | 322.1 | 281.2 | 243.7 | 200.7 | 155.5 | 36 | | |
| 40 | 346.7 | 310.9 | 274.7 | 239.5 | 196.6 | 152.7 | 40 | | |
| 48 | 299.7 | 283.4 | 263.3 | 229.4 | 186.8 | 145.6 | 48 | | |
| 56 | 259.1 | 253.8 | 242.8 | 220.2 | 176.1 | 137.6 | 56 | | |
| 64 | 226.4 | 225.1 | 218.2 | 206.1 | 165.3 | 129.5 | 64 | | |
| 72 | 201.2 | 201.1 | 197.8 | 190.0 | 155.6 | 122.5 | 72 | | |
| 80 | 179.4 | 181.1 | 180.2 | 174.0 | 146.2 | 115.8 | 80 | | |
| 88 | 157.4 | 161.9 | 163.2 | 159.3 | 136.8 | 109.5 | 88 | | |
| 96 | 133.8 | 143.8 | 147.1 | 145.2 | 128.1 | 104.1 | 96 | | |
| 104 | 102.3 | 127.7 | 131.9 | 132.7 | 120.0 | 98.8 | 104 | | |
| 112 | - | 107.8 | 118.4 | 120.6 | 112.0 | 94.5 | 112 | | |
| 120 | - | - | 105.6 | 110.2 | 103.9 | 89.4 | 120 | | |
| 128 | - | - | 89.7 | 101.4 | 96.4 | 85.4 | 128 | | |
| 136 | - | - | - | 90.1 | 90.0 | 81.7 | 136 | | |
| 144 | - | - | - | 76.7 | 84.0 | 78.4 | 144 | | |
| 152 | - | - | - | - | 77.0 | 74.4 | 152 | | |
| 160 | - | - | - | - | 66.5 | 70.4 | 160 | | |
| 168 | - | - | - | - | - | 63.8 | 168 | | |
| 176 | - | - | - | - | - | 54.7 | 176 | | |

| ☰ 264,600 lb | |  360° | | | | | ASME B30.5 | | |
|---|---|--|---|---|---|---|------------|--|--|
|  |  |  |  |  |  |  | | | |
| ft | 1,000 lb | | | | | | ft | | |
| 18 | 429.9 | - | - | - | - | - | 18 | | |
| 20 | 429.3 | 360.7 | - | - | - | - | 20 | | |
| 24 | 421.2 | 350.7 | 303.7 | - | - | - | 24 | | |
| 28 | 410.8 | 342.6 | 294.1 | 250.1 | - | - | 28 | | |
| 32 | 394.0 | 332.9 | 287.7 | 247.5 | 204.7 | 158.2 | 32 | | |
| 36 | 368.8 | 322.1 | 281.2 | 243.7 | 200.7 | 155.5 | 36 | | |
| 40 | 341.9 | 310.9 | 274.7 | 239.5 | 196.6 | 152.7 | 40 | | |
| 48 | 290.9 | 283.4 | 263.3 | 229.4 | 186.8 | 145.6 | 48 | | |
| 56 | 247.9 | 249.1 | 242.8 | 220.2 | 176.1 | 137.6 | 56 | | |
| 64 | 209.9 | 212.9 | 214.9 | 206.1 | 165.3 | 129.5 | 64 | | |
| 72 | 179.2 | 183.6 | 186.9 | 190.0 | 155.6 | 122.5 | 72 | | |
| 80 | 154.7 | 159.1 | 162.4 | 165.9 | 146.2 | 115.8 | 80 | | |
| 88 | 131.0 | 134.9 | 138.3 | 142.7 | 136.8 | 109.5 | 88 | | |
| 96 | 112.2 | 115.5 | 118.8 | 123.2 | 125.3 | 104.1 | 96 | | |
| 104 | 97.6 | 100.9 | 103.2 | 107.6 | 111.0 | 98.8 | 104 | | |
| 112 | - | 87.7 | 90.9 | 94.2 | 97.5 | 94.5 | 112 | | |
| 120 | - | - | 80.5 | 83.8 | 87.1 | 88.2 | 120 | | |
| 128 | - | - | 71.6 | 74.9 | 78.2 | 78.8 | 128 | | |
| 136 | - | - | - | 67.2 | 70.2 | 70.7 | 136 | | |
| 144 | - | - | - | 60.7 | 63.5 | 64.2 | 144 | | |
| 152 | - | - | - | - | 57.4 | 58.3 | 152 | | |
| 160 | - | - | - | - | 52.0 | 52.6 | 160 | | |
| 168 | - | - | - | - | - | 47.8 | 168 | | |
| 176 | - | - | - | - | - | 43.2 | 176 | | |

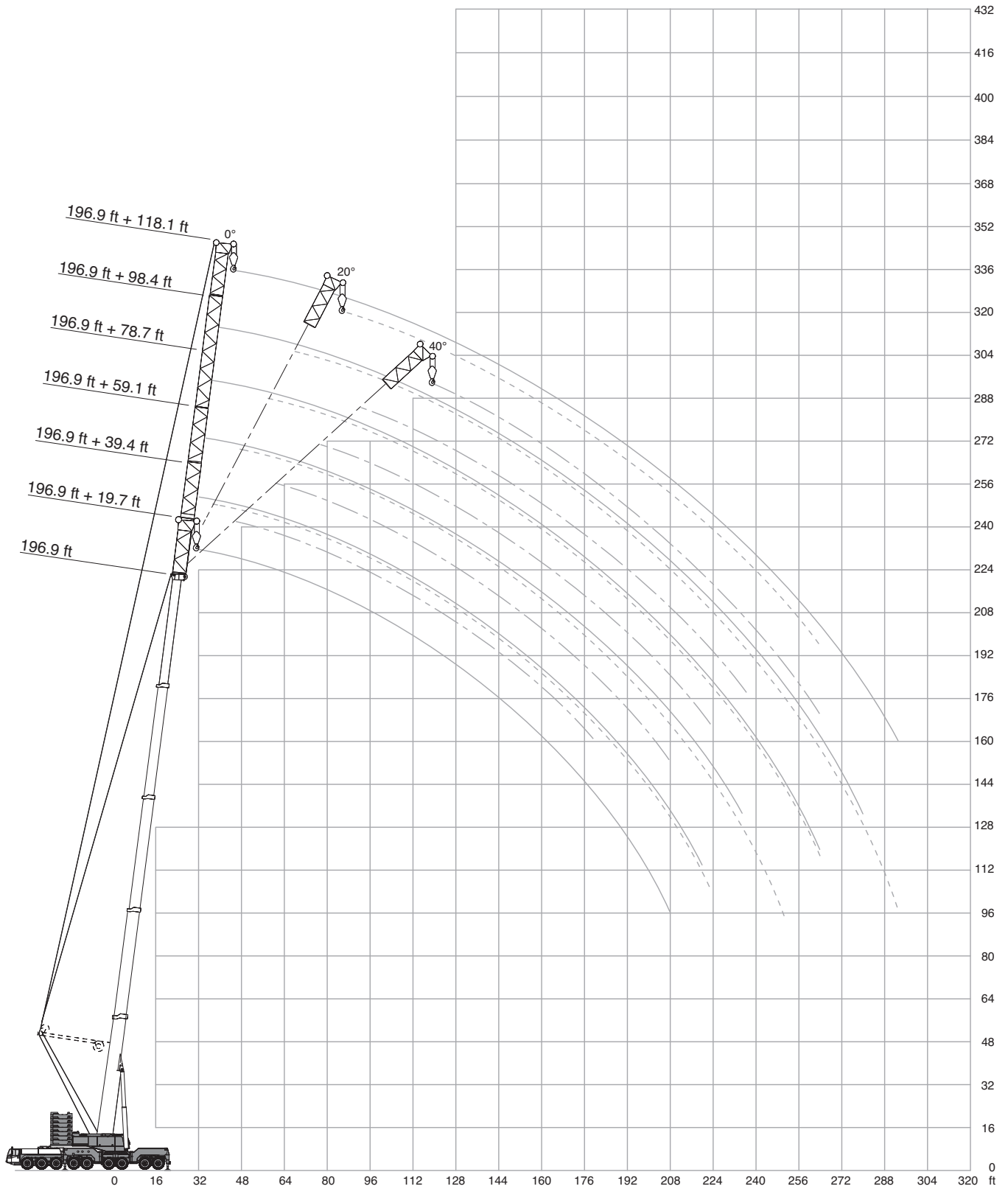
Operation

HA-SSL 0°

| ☰ 220,500 lb | |  360° | | | | | ASME B30.5 | |
|---|---|--|----------|----------|----------|----------|------------|---|
|  |  | 116.5 ft | 132.9 ft | 149.3 ft | 165.7 ft | 182.1 ft | 196.9 ft |  |
| ft | 1,000 lb | | | | | | | ft |
| 18 | 429.9 | - | - | - | - | - | - | 18 |
| 20 | 429.3 | 360.7 | - | - | - | - | - | 20 |
| 24 | 421.2 | 350.7 | 303.7 | - | - | - | - | 24 |
| 28 | 410.8 | 342.6 | 294.1 | 250.1 | - | - | - | 28 |
| 32 | 394.0 | 332.9 | 287.7 | 247.5 | 204.7 | 158.2 | - | 32 |
| 36 | 366.6 | 322.1 | 281.2 | 243.7 | 200.7 | 155.5 | - | 36 |
| 40 | 337.1 | 310.9 | 274.7 | 239.5 | 196.6 | 152.7 | - | 40 |
| 48 | 279.3 | 279.2 | 263.3 | 229.4 | 186.8 | 145.6 | - | 48 |
| 56 | 231.4 | 235.3 | 238.1 | 220.2 | 176.1 | 137.6 | - | 56 |
| 64 | 192.8 | 196.9 | 201.1 | 199.4 | 165.3 | 129.5 | - | 64 |
| 72 | 156.2 | 160.6 | 165.0 | 169.3 | 155.6 | 122.5 | - | 72 |
| 80 | 128.9 | 133.3 | 136.6 | 141.9 | 144.3 | 115.8 | - | 80 |
| 88 | 108.8 | 112.7 | 116.0 | 120.4 | 123.7 | 109.5 | - | 88 |
| 96 | 92.7 | 96.0 | 99.3 | 103.0 | 106.3 | 104.1 | - | 96 |
| 104 | 78.8 | 82.1 | 85.4 | 89.7 | 92.0 | 93.2 | - | 104 |
| 112 | - | 71.1 | 74.4 | 77.7 | 81.0 | 82.1 | - | 112 |
| 120 | - | - | 65.2 | 68.7 | 72.0 | 72.7 | - | 120 |
| 128 | - | - | 57.1 | 61.0 | 64.1 | 64.6 | - | 128 |
| 136 | - | - | - | 53.8 | 57.1 | 58.0 | - | 136 |
| 144 | - | - | - | 47.7 | 50.8 | 51.4 | - | 144 |
| 152 | - | - | - | - | 45.2 | 46.0 | - | 152 |
| 160 | - | - | - | - | 40.4 | 41.1 | - | 160 |
| 168 | - | - | - | - | - | 36.9 | - | 168 |
| 176 | - | - | - | - | - | 33.0 | - | 176 |

Operation

HAV, HAV-SSL 0°



Operation




HAV




| 220,500 lb | | | | | | | | | | | | | 360° | | ASME B30.5 | |
|------------|---------|---------|------|---------|------|---------|------|---------|------|----------|------|-----|------|--|------------|--|
| 196.9 ft | | | | | | | | | | | | | | | | |
| ft | 19.7 ft | 39.4 ft | | 59.1 ft | | 78.7 ft | | 98.4 ft | | 118.1 ft | | ft | | | | |
| | | 0° | 0° | 20° | 0° | 20° | 0° | 20° | 0° | 20° | 0° | | 20° | | | |
| 1,000 lb | | | | | | | | | | | | | | | | |
| 48 | 99.9 | - | - | - | - | - | - | - | - | - | - | 48 | | | | |
| 56 | 91.1 | 78.5 | - | 66.8 | - | - | - | - | - | - | - | 56 | | | | |
| 64 | 83.3 | 71.6 | 62.7 | 61.6 | - | 50.6 | - | 41.9 | - | - | - | 64 | | | | |
| 72 | 76.2 | 65.6 | 58.9 | 57.0 | - | 47.3 | - | 39.9 | - | 33.3 | - | 72 | | | | |
| 80 | 70.1 | 60.6 | 55.5 | 53.0 | 45.4 | 44.3 | - | 38.1 | - | 31.7 | - | 80 | | | | |
| 88 | 64.5 | 56.2 | 52.4 | 49.3 | 43.1 | 41.6 | 33.1 | 36.2 | - | 29.9 | - | 88 | | | | |
| 96 | 59.6 | 52.4 | 49.5 | 46.1 | 40.8 | 39.1 | 31.9 | 34.3 | 27.8 | 28.3 | - | 96 | | | | |
| 104 | 55.2 | 49.1 | 46.6 | 43.3 | 38.8 | 36.9 | 30.8 | 32.4 | 26.6 | 26.7 | - | 104 | | | | |
| 112 | 51.2 | 45.9 | 44.0 | 40.6 | 36.9 | 34.7 | 29.7 | 30.8 | 25.3 | 25.1 | 20.5 | 112 | | | | |
| 120 | 47.6 | 43.2 | 41.5 | 38.2 | 35.1 | 32.8 | 28.6 | 28.9 | 24.2 | 23.6 | 19.6 | 120 | | | | |
| 128 | 44.2 | 40.4 | 39.2 | 35.9 | 33.5 | 30.9 | 27.7 | 27.2 | 22.9 | 22.1 | 18.6 | 128 | | | | |
| 136 | 41.1 | 37.9 | 37.1 | 33.8 | 31.9 | 29.1 | 26.7 | 25.5 | 21.7 | 20.8 | 17.7 | 136 | | | | |
| 144 | 38.3 | 35.4 | 34.9 | 31.8 | 30.5 | 27.4 | 25.6 | 23.9 | 20.3 | 19.5 | 16.8 | 144 | | | | |
| 152 | 35.8 | 33.2 | 32.8 | 29.9 | 28.9 | 25.8 | 24.5 | 22.3 | 19.2 | 18.1 | 15.9 | 152 | | | | |
| 160 | 33.5 | 31.1 | 30.9 | 28.1 | 27.3 | 24.4 | 23.5 | 20.9 | 18.0 | 16.9 | 15.0 | 160 | | | | |
| 168 | 31.4 | 29.1 | 29.1 | 26.3 | 25.7 | 22.9 | 22.3 | 19.4 | 16.9 | 15.6 | 14.1 | 168 | | | | |
| 176 | 29.4 | 27.2 | 27.4 | 24.7 | 24.2 | 21.4 | 21.1 | 18.1 | 15.8 | 14.3 | 13.1 | 176 | | | | |
| 184 | 27.6 | 25.5 | 25.7 | 23.2 | 22.9 | 20.0 | 19.9 | 16.8 | 14.8 | 13.2 | 12.3 | 184 | | | | |
| 192 | - | 23.9 | 24.2 | 21.7 | 21.5 | 18.7 | 18.7 | 15.6 | 13.9 | 12.1 | 11.5 | 192 | | | | |
| 200 | - | 22.5 | 22.7 | 20.3 | 20.2 | 17.5 | 17.7 | 14.4 | 13.0 | 11.0 | 10.7 | 200 | | | | |
| 208 | - | 21.1 | - | 18.9 | 18.9 | 16.2 | 16.5 | 13.3 | 12.0 | 10.0 | 9.9 | 208 | | | | |
| 216 | - | - | - | 17.7 | 17.7 | 15.1 | 15.3 | 12.2 | 11.1 | 8.9 | 9.1 | 216 | | | | |
| 224 | - | - | - | 16.5 | 16.8 | 14.0 | 14.2 | 11.1 | 10.3 | 8.0 | 8.3 | 224 | | | | |
| 232 | - | - | - | - | - | 12.9 | 13.2 | 10.1 | 9.5 | 7.2 | 7.5 | 232 | | | | |
| 240 | - | - | - | - | - | 11.8 | 12.2 | 9.1 | 8.8 | 6.3 | 6.7 | 240 | | | | |
| 248 | - | - | - | - | - | - | - | 8.2 | 8.2 | 5.6 | 6.0 | 248 | | | | |
| 256 | - | - | - | - | - | - | - | 7.3 | 7.5 | - | - | 256 | | | | |
| 264 | - | - | - | - | - | - | - | - | 7.0 | - | - | 264 | | | | |

| 132,300 lb | | | | | | | | | | | | | 360° | | ASME B30.5 | |
|------------|---------|---------|------|---------|------|------|---------|------|------|---------|------|------|----------|------|------------|-----|
| 196.9 ft | | | | | | | | | | | | | | | | |
| ft | 19.7 ft | 39.4 ft | | 59.1 ft | | | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | ft |
| | | 0° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | |
| 1,000 lb | | | | | | | | | | | | | | | | |
| 48 | 99.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | |
| 56 | 91.1 | 78.5 | - | 66.8 | - | - | - | - | - | - | - | - | - | - | 56 | |
| 64 | 83.3 | 71.6 | 62.7 | 61.6 | - | 50.6 | - | 41.9 | - | - | - | - | - | - | 64 | |
| 72 | 76.2 | 65.6 | 58.9 | 57.0 | - | 47.3 | - | 39.9 | - | 33.3 | - | - | - | - | 72 | |
| 80 | 70.1 | 60.6 | 55.5 | 53.0 | 45.4 | 44.3 | - | 38.1 | - | 31.7 | - | - | - | - | 80 | |
| 88 | 64.5 | 56.2 | 52.4 | 49.3 | 43.1 | 38.5 | 41.6 | 33.1 | - | 36.2 | - | - | 29.9 | - | 88 | |
| 96 | 59.6 | 52.4 | 49.5 | 46.9 | 46.1 | 40.8 | 36.9 | 39.1 | 31.9 | - | 34.3 | 27.8 | - | 28.3 | - | 96 |
| 104 | 53.9 | 49.1 | 46.6 | 44.8 | 43.3 | 38.8 | 35.5 | 36.9 | 30.8 | 25.9 | 32.4 | 26.6 | - | 26.7 | - | 104 |
| 112 | 46.8 | 45.8 | 44.0 | 42.9 | 40.6 | 36.9 | 34.1 | 34.7 | 29.7 | 25.6 | 30.8 | 25.3 | - | 25.1 | 20.5 | 112 |
| 120 | 40.6 | 40.6 | 41.5 | 40.8 | 38.2 | 35.1 | 32.8 | 32.8 | 28.6 | 25.2 | 28.9 | 24.2 | 20.5 | 23.6 | 19.6 | 120 |
| 128 | 35.1 | 35.1 | 38.0 | 38.8 | 35.6 | 33.5 | 31.4 | 30.9 | 27.7 | 24.8 | 27.2 | 22.9 | 19.7 | 22.1 | 18.6 | 128 |
| 136 | 30.2 | 30.3 | 33.1 | 34.9 | 31.7 | 31.9 | 30.0 | 29.1 | 26.7 | 24.4 | 25.5 | 21.7 | 18.9 | 20.8 | 17.7 | 136 |
| 144 | 26.0 | 26.2 | 28.6 | 30.2 | 27.5 | 30.5 | 28.9 | 27.4 | 25.6 | 23.8 | 23.9 | 20.3 | 18.1 | 19.5 | 16.8 | 144 |
| 152 | 22.2 | 22.5 | 24.6 | 25.9 | 23.8 | 27.3 | 27.6 | 25.1 | 24.5 | 23.3 | 22.3 | 19.2 | 17.3 | 18.1 | 15.9 | 152 |
| 160 | 18.8 | 19.0 | 20.9 | 22.0 | 20.6 | 23.8 | 25.8 | 21.9 | 23.5 | 22.8 | 20.9 | 18.0 | 16.5 | 16.9 | 15.0 | 160 |
| 168 | 15.8 | 16.0 | 17.7 | - | 17.6 | 20.5 | 22.4 | 19.0 | 21.9 | 22.1 | 19.1 | 16.9 | 15.8 | 15.6 | 14.1 | 168 |
| 176 | 13.0 | 13.2 | 14.8 | - | 14.7 | 17.4 | 19.0 | 16.3 | 19.7 | 21.3 | 17.0 | 15.8 | 15.1 | 14.3 | 13.1 | 176 |
| 184 | 10.5 | 10.8 | 12.0 | - | 12.4 | 14.7 | 16.0 | 13.8 | 17.1 | 19.1 | 14.8 | 14.8 | 14.4 | 13.2 | 12.3 | 184 |
| 192 | - | 8.6 | 9.4 | - | 10.1 | 12.1 | - | 11.5 | 14.5 | 16.6 | 12.6 | 13.9 | 13.7 | 12.1 | 11.5 | 192 |
| 200 | - | 6.4 | 7.1 | - | 8.0 | 9.8 | - | 9.5 | 12.2 | 13.9 | 10.6 | 13.0 | 12.9 | 10.7 | 10.7 | 200 |
| 208 | - | - | - | - | - | 7.6 | - | 7.5 | 10.0 | 11.4 | 8.6 | 11.6 | 12.3 | 9.1 | 9.9 | 208 |
| 216 | - | - | - | - | - | 5.4 | - | 5.6 | 7.9 | - | 6.7 | 9.8 | 11.5 | 7.4 | 9.1 | 216 |
| 224 | - | - | - | - | - | - | - | - | 6.0 | - | - | 8.1 | 9.8 | 5.8 | 8.3 | 224 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.8 | 7.3 | 240 |

Operation










HAV-SSL 0°










| 352,700 lb  360° ASME B30.5 | | | | | | | |
|--|---|---------|------|---------|------|---------|-----|
| 196.9 ft +  0° | | | | | | | |
| ft |  | 19.7 ft | | 39.4 ft | | 59.1 ft | |
| | | 0° | 20° | 0° | 20° | 0° | 20° |
| 1,000 lb | | | | | | | |
| 36 | | 117.4 | - | - | - | - | - |
| 40 | | 116.5 | 94.7 | - | 76.9 | - | - |
| 48 | | 111.8 | 90.7 | - | 73.9 | - | - |
| 56 | | 107.5 | 86.6 | 83.3 | 70.8 | - | - |
| 64 | | 103.2 | 82.8 | 80.0 | 67.8 | 59.5 | - |
| 72 | | 99.3 | 79.0 | 76.8 | 64.9 | 56.7 | - |
| 80 | | 95.5 | 75.5 | 73.6 | 61.9 | 54.1 | - |
| 88 | | 91.9 | 72.1 | 70.7 | 59.1 | 52.0 | - |
| 96 | | 88.4 | 69.0 | 68.1 | 56.4 | 50.1 | - |
| 104 | | 84.9 | 66.3 | 65.4 | 54.1 | 48.5 | - |
| 112 | | 81.4 | 63.6 | 62.9 | 51.7 | 46.9 | - |
| 120 | | 78.2 | 61.2 | 60.6 | 49.8 | 45.8 | - |
| 128 | | 75.1 | 59.0 | 58.5 | 47.8 | 44.5 | - |
| 136 | | 72.1 | 56.9 | 56.5 | 46.2 | 43.5 | - |
| 144 | | 69.1 | 55.2 | 54.7 | 44.8 | 42.4 | - |
| 152 | | 66.4 | 53.4 | 52.9 | 43.5 | 41.3 | - |
| 160 | | 63.8 | 52.0 | 51.5 | 42.4 | 40.5 | - |
| 168 | | 61.5 | 50.5 | 50.0 | 41.4 | 39.7 | - |
| 176 | | 59.2 | 49.3 | 48.7 | 40.5 | 38.7 | - |
| 184 | | 53.8 | 48.1 | 47.5 | 39.6 | 38.0 | - |
| 192 | | - | 46.9 | 46.3 | 38.8 | 37.3 | - |
| 200 | | - | 45.4 | 45.2 | 38.0 | 36.5 | - |
| 208 | | - | - | - | 37.2 | 35.8 | - |
| 216 | | - | - | - | 36.4 | 35.1 | - |
| 224 | | - | - | - | - | 34.4 | - |

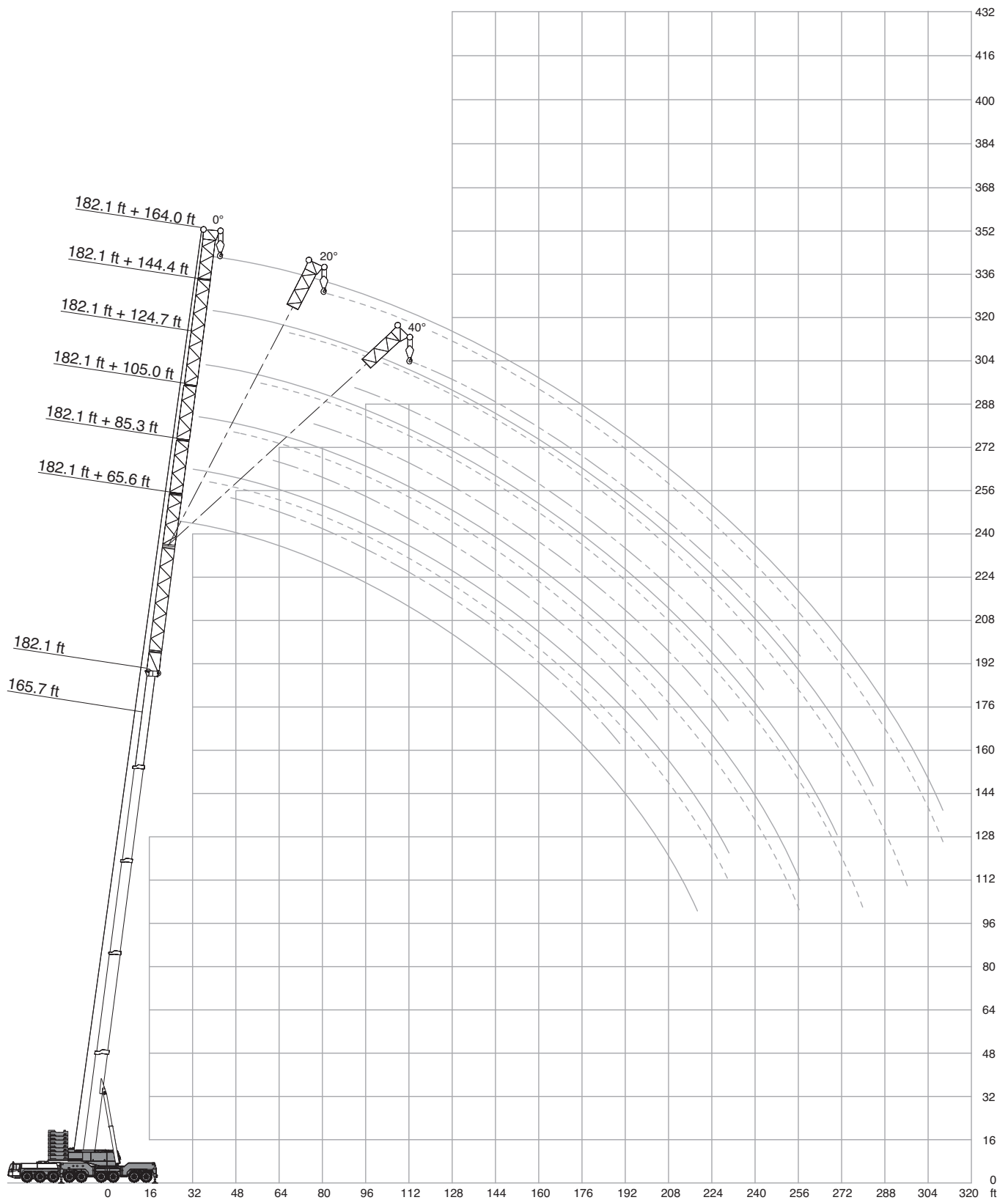
| 220,500 lb  360° ASME B30.5 | | | | | | | | |
|--|---|---------|------|---------|------|---------|------|------|
| 196.9 ft +  0° | | | | | | | | |
| ft |  | 19.7 ft | | 39.4 ft | | 59.1 ft | | |
| | | 0° | 20° | 0° | 20° | 0° | 20° | 40° |
| 1,000 lb | | | | | | | | |
| 36 | | 117.4 | - | - | - | - | - | - |
| 40 | | 116.5 | 94.7 | - | 76.9 | - | - | - |
| 48 | | 111.8 | 90.7 | - | 73.9 | - | - | - |
| 56 | | 107.5 | 86.6 | 83.3 | 70.8 | - | - | - |
| 64 | | 103.2 | 82.8 | 80.0 | 68.1 | 67.8 | 59.5 | - |
| 72 | | 99.3 | 79.0 | 76.8 | 67.0 | 64.9 | 56.7 | - |
| 80 | | 95.5 | 75.5 | 73.6 | 65.9 | 61.9 | 54.1 | 45.0 |
| 88 | | 91.9 | 72.1 | 70.7 | 64.6 | 59.1 | 52.0 | 43.7 |
| 96 | | 88.4 | 69.0 | 68.1 | 63.2 | 56.4 | 50.1 | 42.7 |
| 104 | | 84.9 | 66.3 | 65.4 | 61.7 | 54.1 | 48.5 | 41.8 |
| 112 | | 81.3 | 63.6 | 62.9 | 60.3 | 51.7 | 46.9 | 41.0 |
| 120 | | 74.9 | 61.2 | 60.6 | 58.7 | 49.8 | 45.8 | 40.2 |
| 128 | | 66.8 | 59.0 | 58.5 | 57.1 | 47.8 | 44.5 | 39.7 |
| 136 | | 59.7 | 56.9 | 56.5 | 55.5 | 46.2 | 43.5 | 39.1 |
| 144 | | 53.4 | 53.9 | 54.7 | 53.9 | 44.8 | 42.4 | 38.6 |
| 152 | | 47.6 | 48.3 | 50.6 | 51.7 | 43.5 | 41.3 | 38.1 |
| 160 | | 42.7 | 43.2 | 45.2 | 46.4 | 42.4 | 40.5 | 37.8 |
| 168 | | 38.3 | 38.7 | 40.6 | - | 40.0 | 39.6 | 37.3 |
| 176 | | 34.1 | 34.6 | 36.1 | - | 36.3 | 38.5 | 36.9 |
| 184 | | 30.6 | 31.0 | 32.3 | - | 32.7 | 35.1 | - |
| 192 | | - | 27.6 | 28.7 | - | 29.3 | 31.5 | - |
| 200 | | - | 24.6 | 25.6 | - | 26.2 | 28.1 | - |
| 208 | | - | - | - | - | 23.4 | 25.1 | - |
| 216 | | - | - | - | - | 20.9 | 22.2 | - |
| 224 | | - | - | - | - | - | 19.7 | - |

Operation

HAV-SSL 30°

| 352,700 lb  360° ASME B30.5 | | | | | | |
|--|---|---|---|---|--|--|
|  196.9 ft +  30° | | | | | | |
|  0° |  39.4 ft 0° |  59.1 ft 0° |  78.7 ft 0° |  98.4 ft 0° |  118.1 ft 0° | |
| ft | 1,000 lb | | | | | |
| 48 | 111.2 | 87.0 | 63.6 | - | - | |
| 56 | 102.0 | 80.5 | 58.7 | 50.8 | 42.7 | |
| 64 | 93.2 | 74.4 | 54.4 | 47.0 | 39.6 | |
| 72 | 84.8 | 68.7 | 50.6 | 43.7 | 36.7 | |
| 80 | 76.9 | 63.6 | 47.4 | 40.8 | 34.2 | |
| 88 | 69.5 | 58.6 | 44.7 | 38.4 | 31.9 | |
| 96 | 62.8 | 54.2 | 42.3 | 36.1 | 29.9 | |
| 104 | 57.1 | 50.3 | 40.4 | 34.2 | 28.2 | |
| 112 | 51.6 | 46.6 | 38.3 | 32.5 | 26.6 | |
| 120 | 47.0 | 43.3 | 36.6 | 31.0 | 25.0 | |
| 128 | 43.1 | 40.1 | 34.8 | 29.6 | 23.8 | |
| 136 | 39.7 | 37.4 | 33.2 | 28.3 | 22.7 | |
| 144 | 36.9 | 34.9 | 31.4 | 27.0 | 21.7 | |
| 152 | 34.3 | 32.6 | 29.8 | 25.8 | 20.8 | |
| 160 | 32.2 | 30.4 | 28.2 | 24.6 | 19.8 | |
| 168 | 30.2 | 28.5 | 26.5 | 23.5 | 19.1 | |
| 176 | 28.5 | 26.7 | 24.9 | 22.4 | 18.4 | |
| 184 | 26.7 | 25.1 | 23.4 | 21.3 | 17.7 | |
| 192 | 25.0 | 23.5 | 22.0 | 20.3 | 17.1 | |
| 200 | 23.2 | 22.2 | 20.6 | 19.2 | 16.4 | |
| 208 | - | 20.8 | 19.4 | 18.1 | 15.7 | |
| 216 | - | 19.3 | 18.2 | 17.0 | 15.0 | |
| 224 | - | - | 16.9 | 16.1 | 14.4 | |
| 232 | - | - | 15.8 | 15.1 | 13.7 | |
| 240 | - | - | - | 14.0 | 13.0 | |
| 248 | - | - | - | 13.0 | 12.3 | |
| 256 | - | - | - | - | 11.5 | |
| 264 | - | - | - | - | 10.4 | |
| 272 | - | - | - | - | 9.3 | |

| 220,500 lb  360° ASME B30.5 | | | | | | |
|--|---|--|---|---|--|--|
|  196.9 ft +  30° | | | | | | |
|  0° |  39.4 ft 0° |  59.1 ft 0° |  78.7 ft 0° |  98.4 ft 0° |  118.1 ft 0° | |
| ft | 1,000 lb | | | | | |
| 48 | 111.2 | 87.0 | 63.6 | - | - | |
| 56 | 102.0 | 80.5 | 58.7 | 50.8 | 42.7 | |
| 64 | 93.2 | 74.4 | 54.4 | 47.0 | 39.6 | |
| 72 | 84.8 | 68.7 | 50.6 | 43.7 | 36.7 | |
| 80 | 76.9 | 63.6 | 47.4 | 40.8 | 34.2 | |
| 88 | 69.5 | 58.6 | 44.7 | 38.4 | 31.9 | |
| 96 | 62.8 | 54.2 | 42.3 | 36.1 | 29.9 | |
| 104 | 57.1 | 50.3 | 40.4 | 34.2 | 28.2 | |
| 112 | 51.6 | 46.6 | 38.3 | 32.5 | 26.6 | |
| 120 | 47.0 | 43.3 | 36.6 | 31.0 | 25.0 | |
| 128 | 43.1 | 40.1 | 34.8 | 29.6 | 23.8 | |
| 136 | 39.7 | 37.4 | 33.2 | 28.3 | 22.7 | |
| 144 | 36.9 | 34.9 | 31.4 | 27.0 | 21.7 | |
| 152 | 34.3 | 32.6 | 29.8 | 25.8 | 20.8 | |
| 160 | 32.2 | 30.4 | 28.2 | 24.6 | 19.8 | |
| 168 | 30.2 | 28.5 | 26.5 | 23.5 | 19.1 | |
| 176 | 28.5 | 26.7 | 24.9 | 22.4 | 18.4 | |
| 184 | 26.7 | 25.1 | 23.4 | 21.3 | 17.7 | |
| 192 | 25.0 | 23.5 | 22.0 | 20.3 | 17.1 | |
| 200 | 23.2 | 22.2 | 20.6 | 19.2 | 16.4 | |
| 208 | - | 20.8 | 19.4 | 18.1 | 15.7 | |
| 216 | - | 19.3 | 18.2 | 17.0 | 15.0 | |
| 224 | - | - | 16.9 | 16.1 | 14.4 | |
| 232 | - | - | 15.8 | 15.1 | 13.7 | |
| 240 | - | - | - | 14.0 | 13.0 | |
| 248 | - | - | - | 13.0 | 12.3 | |
| 256 | - | - | - | - | 11.5 | |
| 264 | - | - | - | - | 10.4 | |
| 272 | - | - | - | - | 9.3 | |



Operation

| 360° | | | | | | | | | | | | | | | | | ASME B30.5 | | |
|----------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------------|-----|----|
| 165.7 ft | | | | | | | | | | | | | | | | | | | |
| ft | 65.6 ft | | | 85.3 ft | | | 105.0 ft | | | 124.7 ft | | | 144.4 ft | | | 164.0 ft | | | ft |
| | 0° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | |
| 1,000 lb | | | | | | | | | | | | | | | | | | | |
| 48 | 101.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | |
| 56 | 92.4 | 80.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 | |
| 64 | 84.2 | 73.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 64 | |
| 72 | 76.9 | 68.0 | 62.9 | - | 65.8 | - | - | 53.7 | - | - | - | - | - | - | - | - | - | 72 | |
| 80 | 70.8 | 62.7 | 58.9 | 55.8 | 60.5 | - | - | 51.0 | - | - | 41.3 | - | - | - | - | - | - | 80 | |
| 88 | 65.5 | 58.0 | 55.0 | 52.8 | 55.8 | 50.5 | - | 48.3 | - | - | 38.9 | - | - | 34.1 | - | - | - | 88 | |
| 96 | 60.8 | 53.8 | 51.7 | 50.0 | 51.6 | 48.0 | - | 45.6 | 34.8 | - | 36.8 | - | - | 32.0 | - | - | - | 96 | |
| 104 | 56.7 | 50.1 | 48.5 | 47.3 | 47.8 | 45.3 | 41.3 | 42.9 | 33.8 | - | 34.7 | 26.1 | - | 30.0 | - | - | - | 104 | |
| 112 | 53.2 | 46.8 | 45.5 | 44.6 | 44.5 | 42.8 | 39.8 | 40.2 | 32.9 | - | 32.7 | 24.8 | - | 28.2 | - | - | - | 112 | |
| 120 | 49.8 | 43.9 | 42.9 | 42.4 | 41.5 | 40.4 | 38.3 | 37.8 | 31.9 | 26.6 | 30.8 | 23.7 | - | 26.3 | 21.1 | - | - | 120 | |
| 128 | 46.9 | 41.3 | 40.6 | 40.1 | 39.1 | 38.1 | 36.6 | 35.4 | 31.1 | 26.2 | 29.1 | 22.7 | 19.5 | 24.5 | 20.3 | - | - | 128 | |
| 136 | 44.3 | 39.1 | 38.4 | 38.1 | 36.7 | 35.9 | 34.8 | 32.9 | 30.0 | 25.8 | 27.3 | 21.8 | 19.0 | 22.9 | 19.5 | - | - | 136 | |
| 144 | 41.8 | 37.1 | 36.5 | 36.2 | 34.6 | 33.8 | 33.1 | 30.7 | 28.7 | 25.3 | 25.7 | 20.9 | 18.6 | 21.5 | 18.7 | - | - | 144 | |
| 152 | 39.4 | 35.3 | 34.8 | 34.4 | 32.5 | 31.8 | 31.4 | 28.7 | 27.6 | 24.7 | 24.3 | 20.3 | 18.1 | 19.9 | 17.7 | 15.2 | - | 152 | |
| 160 | 37.3 | 33.7 | 33.2 | 32.8 | 30.6 | 30.0 | 29.5 | 26.7 | 26.3 | 24.1 | 22.7 | 19.5 | 17.6 | 18.6 | 16.8 | 14.7 | - | 160 | |
| 168 | 35.4 | 32.1 | 31.7 | 31.3 | 28.9 | 28.4 | 27.9 | 25.0 | 25.2 | 23.4 | 21.3 | 18.7 | 17.2 | 17.2 | 15.8 | 14.4 | - | 168 | |
| 176 | 33.4 | 30.6 | 30.2 | 30.0 | 27.3 | 26.8 | 26.4 | 23.2 | 23.7 | 22.7 | 19.8 | 18.0 | 16.8 | 15.9 | 14.9 | 13.8 | - | 176 | |
| 184 | 31.6 | 29.3 | 28.8 | - | 25.8 | 25.1 | 24.9 | 21.6 | 22.3 | 21.9 | 18.5 | 17.3 | 16.4 | 14.7 | 13.8 | 13.1 | - | 184 | |
| 192 | 29.8 | 27.9 | 27.5 | - | 24.3 | 23.9 | 23.5 | 20.2 | 20.9 | 21.0 | 17.3 | 16.5 | 15.9 | 13.6 | 12.9 | 12.4 | - | 192 | |
| 200 | 27.9 | 26.4 | 26.1 | - | 22.9 | 22.7 | 22.3 | 18.9 | 19.5 | 20.0 | 16.1 | 15.7 | 15.3 | 12.6 | 11.9 | 11.7 | - | 200 | |
| 208 | - | 24.9 | 24.7 | - | 21.7 | 21.5 | 21.2 | 17.7 | 18.0 | 18.8 | 14.8 | 14.9 | 14.8 | 11.5 | 11.0 | 10.8 | - | 208 | |
| 216 | - | 23.3 | 23.2 | - | 20.5 | 20.3 | - | 16.5 | 16.7 | 17.4 | 13.7 | 14.0 | 14.1 | 10.5 | 10.1 | 10.1 | - | 216 | |
| 224 | - | - | - | - | 19.3 | 19.0 | - | 15.3 | 15.5 | 15.8 | 12.6 | 13.1 | 13.3 | 9.5 | 9.3 | 9.3 | - | 224 | |
| 232 | - | - | - | - | 18.0 | 18.1 | - | 14.4 | 14.3 | - | 11.8 | 12.3 | 12.5 | 8.7 | 8.5 | 8.6 | - | 232 | |
| 240 | - | - | - | - | 16.9 | 17.1 | - | 13.4 | 13.2 | - | 10.8 | 11.4 | 11.6 | 7.9 | 7.7 | 7.9 | - | 240 | |
| 248 | - | - | - | - | - | - | - | 12.5 | 12.2 | - | 10.1 | 10.6 | - | 7.2 | 7.1 | 7.2 | - | 248 | |
| 256 | - | - | - | - | - | - | - | 11.6 | 11.5 | - | 9.3 | 9.8 | - | 6.6 | 6.5 | 6.7 | - | 256 | |
| 264 | - | - | - | - | - | - | - | 10.8 | - | - | 8.6 | 9.0 | - | 5.9 | 5.9 | 6.2 | - | 264 | |
| 272 | - | - | - | - | - | - | - | - | - | - | 8.1 | 8.5 | - | 5.4 | 5.4 | - | - | 272 | |
| 280 | - | - | - | - | - | - | - | - | - | - | 7.6 | 8.0 | - | 5.0 | 5.0 | - | - | 280 | |
| | - | - | - | - | - | - | - | - | - | - | - | 7.4 | - | 4.6 | 4.7 | - | - | 280 | |

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

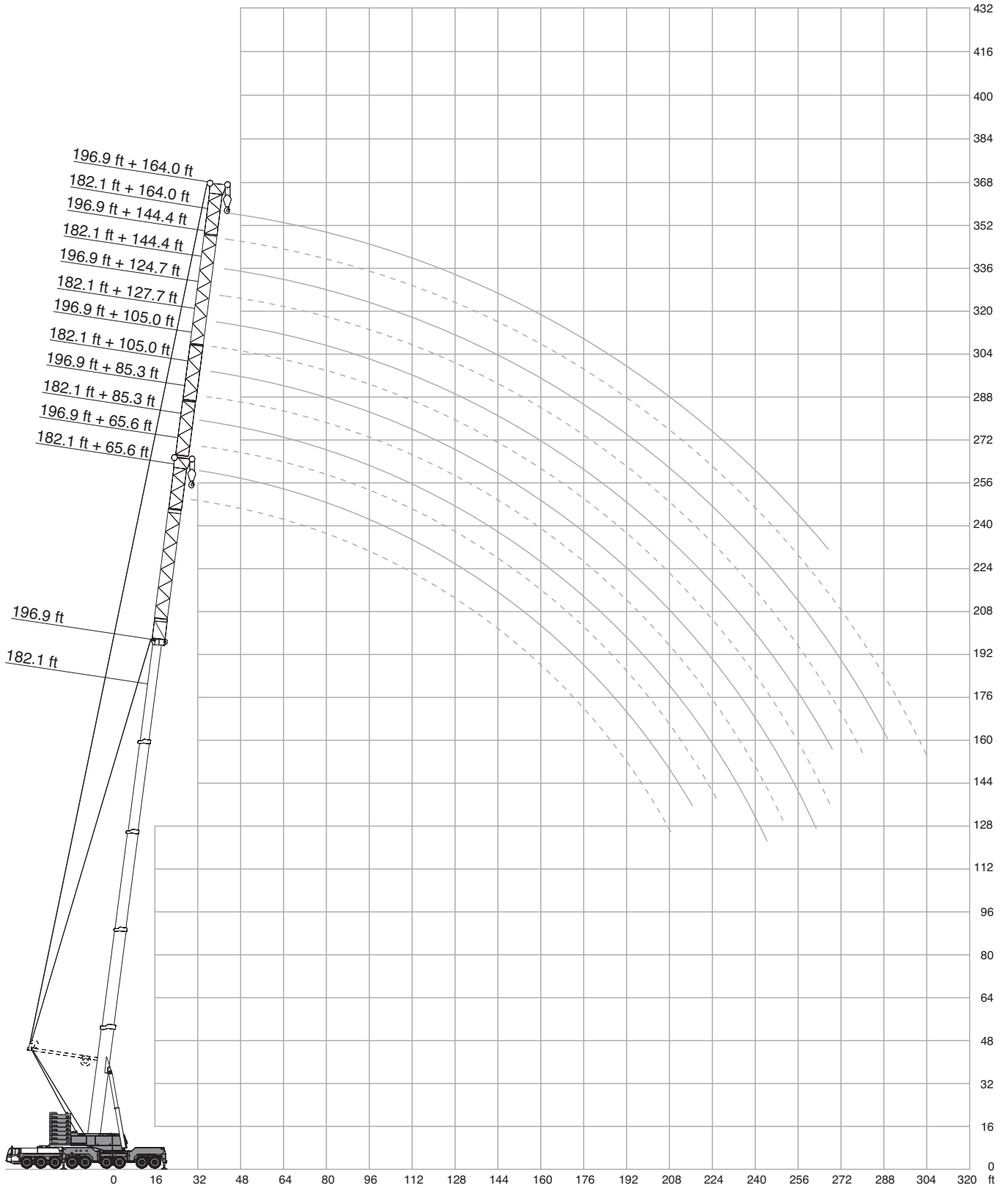
| 360° | | | | | | | | | | | | | | | | | ASME B30.5 | | |
|----------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------------|-----|----|
| 182.1 ft | | | | | | | | | | | | | | | | | | | |
| ft | 65.6 ft | | | 85.3 ft | | | 105.0 ft | | | 124.7 ft | | | 144.4 ft | | | 164.0 ft | | | ft |
| | 0° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | |
| 1,000 lb | | | | | | | | | | | | | | | | | | | |
| 56 | 78.5 | 65.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 | |
| 64 | 72.5 | 60.5 | - | - | 52.8 | - | - | - | - | - | - | - | - | - | - | - | - | 64 | |
| 72 | 67.1 | 55.9 | 51.0 | - | 49.2 | - | - | 44.2 | - | - | - | - | - | - | - | - | - | 72 | |
| 80 | 62.3 | 51.9 | 48.3 | 45.9 | 45.8 | - | - | 41.4 | - | - | 36.0 | - | - | 30.5 | - | - | - | 80 | |
| 88 | 57.9 | 48.2 | 45.6 | 43.3 | 42.7 | 38.2 | - | 38.6 | - | - | 33.3 | - | - | 28.3 | - | - | - | 88 | |
| 96 | 54.2 | 44.8 | 42.9 | 40.8 | 40.1 | 35.9 | 32.8 | 36.0 | 32.3 | - | 30.7 | - | - | 26.0 | - | - | - | 96 | |
| 104 | 50.9 | 41.8 | 40.2 | 38.4 | 37.6 | 33.6 | 30.9 | 33.6 | 30.8 | - | 28.5 | - | - | 24.0 | - | - | - | 104 | |
| 112 | 47.9 | 39.1 | 37.8 | 36.0 | 35.2 | 31.4 | 29.0 | 31.2 | 29.2 | 26.8 | 26.3 | 23.1 | - | 22.0 | - | - | - | 112 | |
| 120 | 45.1 | 36.7 | 35.4 | 33.9 | 33.0 | 29.5 | 27.2 | 28.8 | 27.6 | 25.5 | 24.2 | 21.5 | - | 20.3 | 18.6 | - | - | 120 | |
| 128 | 42.6 | 34.4 | 33.1 | 31.7 | 31.0 | 27.7 | 25.6 | 26.7 | 25.9 | 24.1 | 22.4 | 20.2 | 18.2 | 18.5 | 17.4 | - | - | 128 | |
| 136 | 40.2 | 32.4 | 30.9 | 29.7 | 29.1 | 25.9 | 24.1 | 24.7 | 24.2 | 22.6 | 20.6 | 18.8 | 17.2 | 17.1 | 16.3 | - | - | 136 | |
| 144 | 38.2 | 30.5 | 29.2 | 27.9 | 27.4 | 24.3 | 22.6 | 22.8 | 22.6 | 21.2 | 19.0 | 17.7 | 16.4 | 15.7 | 15.3 | - | - | 144 | |
| 152 | 36.1 | 28.7 | 27.3 | 26.0 | 25.6 | 23.0 | 21.2 | 20.9 | 20.9 | 19.9 | 17.5 | 16.4 | 15.3 | 14.2 | 14.1 | 13.3 | - | 152 | |
| 160 | 34.2 | 27.0 | 25.7 | 24.4 | 24.0 | 21.6 | 20.1 | 19.3 | 19.3 | 18.5 | 16.1 | 15.3 | 14.3 | 13.0 | 12.9 | 12.2 | - | 160 | |
| 168 | 32.5 | 25.5 | 24.2 | 22.9 | 22.4 | 20.3 | 18.9 | 17.8 | 17.9 | 17.2 | 14.8 | 14.2 | 13.4 | 11.8 | 11.8 | 11.2 | - | 168 | |
| 176 | 30.9 | 24.0 | 22.7 | 21.6 | 20.7 | 18.9 | 17.8 | 16.3 | 16.5 | 15.8 | 13.4 | 13.2 | 12.5 | 10.7 | 10.7 | 10.3 | - | 176 | |
| 184 | 29.3 | 22.7 | 21.5 | 20.4 | 19.2 | 17.8 | 16.7 | 15.1 | 15.2 | 14.6 | 12.3 | 12.1 | 11.5 | 9.8 | 9.8 | 9.5 | - | 184 | |
| 192 | 27.7 | 21.3 | 20.3 | - | 17.8 | 16.7 | 15.6 | 13.9 | 13.9 | 13.4 | 11.3 | 11.0 | 10.6 | 8.8 | 8.8 | 8.6 | - | 192 | |
| 200 | 26.0 | 20.0 | 19.2 | - | 16.4 | 15.7 | 14.6 | 13.0 | 12.8 | 12.4 | 10.3 | 10.1 | 9.7 | 7.9 | 7.9 | 7.8 | - | 200 | |
| 208 | 24.5 | 18.8 | 18.2 | - | 15.3 | 14.7 | 13.6 | 12.0 | 11.9 | 11.4 | 9.4 | 9.2 | 8.8 | 7.0 | 7.0 | 7.1 | - | 208 | |
| 216 | 23.0 | 17.7 | 17.3 | - | 14.2 | 13.7 | - | 11.1 | 11.1 | 10.4 | 8.4 | 8.2 | 8.0 | 6.2 | 6.2 | 6.4 | - | 216 | |
| 224 | - | 16.4 | 16.3 | - | 13.1 | 12.9 | - | 10.2 | 10.3 | 9.7 | 7.6 | 7.4 | 7.3 | 5.5 | 5.5 | 5.8 | - | 224 | |
| 232 | - | 15.3 | - | - | 12.1 | 12.1 | - | 9.5 | 9.5 | - | 6.8 | 6.6 | 6.6 | - | - | 5.1 | - | 232 | |
| 240 | - | - | - | - | 11.3 | 11.5 | - | 8.7 | 8.7 | - | 6.1 | 6.0 | 6.0 | - | - | 4.6 | - | 240 | |
| 248 | - | - | - | - | 10.6 | 10.8 | - | 8.0 | 8.0 | - | 5.5 | 5.4 | 5.4 | - | - | - | - | 248 | |
| 256 | - | - | - | - | - | - | - | 7.5 | 7.5 | - | - | - | - | - | - | - | - | 256 | |
| 264 | - | - | - | - | - | - | - | 6.7 | 7.0 | - | - | - | - | - | - | - | - | 264 | |
| 272 | - | - | - | - | - | - | - | 6.2 | 6.4 | - | - | - | - | - | - | - | - | 272 | |

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

Operation

LF-SSL 0°/30°



Operation

LF-SSL 0°

| 360° | | | | | | | | | | | | | | | | | ASME B30.5 | | | |
|---------------|------|---------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|-----|----|-----|
| 182.1 ft + 0° | | | | | | | | | | | | | | | | | | | | |
| 65.6 ft | | 85.3 ft | | | 105.0 ft | | | 124.7 ft | | | 144.4 ft | | | 164.0 ft | | | | | | |
| 0° | | 0° | | 20° | | 40° | | 0° | | 20° | | 40° | | 0° | | 20° | | 40° | | |
| 1,000 lb | | | | | | | | | | | | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft | |
| 40 | 92.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 |
| 48 | 89.6 | 69.0 | - | - | 57.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 |
| 56 | 86.6 | 67.4 | - | - | 57.1 | - | - | 48.7 | - | - | 41.2 | - | - | - | - | - | - | - | - | 56 |
| 64 | 83.3 | 65.9 | 61.2 | - | 56.2 | - | - | 48.0 | - | - | 40.1 | - | - | 31.2 | - | - | - | - | - | 64 |
| 72 | 80.3 | 64.2 | 59.4 | 57.8 | 54.9 | 49.2 | - | 47.0 | - | - | 39.0 | - | - | 30.2 | - | - | - | - | - | 72 |
| 80 | 77.1 | 62.3 | 57.5 | 55.9 | 53.6 | 48.1 | - | 45.9 | 37.0 | - | 38.0 | - | - | 29.4 | - | - | - | - | - | 80 |
| 88 | 74.2 | 60.2 | 55.5 | 54.0 | 52.1 | 46.9 | 43.5 | 44.5 | 35.7 | - | 36.8 | - | - | 28.4 | - | - | - | - | - | 88 |
| 96 | 71.2 | 58.2 | 53.5 | 52.2 | 50.5 | 45.6 | 42.3 | 43.2 | 34.5 | - | 35.6 | 28.1 | - | 27.4 | - | - | - | - | - | 96 |
| 104 | 68.3 | 56.2 | 51.6 | 50.3 | 48.7 | 44.1 | 40.8 | 41.6 | 33.2 | 27.8 | 34.3 | 27.0 | - | 26.4 | 21.7 | - | - | - | - | 104 |
| 112 | 65.3 | 54.1 | 49.5 | 48.2 | 47.1 | 42.7 | 39.4 | 40.3 | 32.1 | 27.3 | 33.0 | 26.2 | - | 25.5 | 20.9 | - | - | - | - | 112 |
| 120 | 62.6 | 52.0 | 47.6 | 46.3 | 45.2 | 41.1 | 38.0 | 38.6 | 31.1 | 26.5 | 31.9 | 25.4 | 21.7 | 24.5 | 20.3 | - | - | - | - | 120 |
| 128 | 59.7 | 49.8 | 45.7 | 44.4 | 43.3 | 39.5 | 36.5 | 37.0 | 30.2 | 25.9 | 30.5 | 24.6 | 21.3 | 23.6 | 19.6 | - | - | - | - | 128 |
| 136 | 57.0 | 47.8 | 43.9 | 42.5 | 41.4 | 37.8 | 35.0 | 35.6 | 29.3 | 25.3 | 29.3 | 23.9 | 20.8 | 22.7 | 19.1 | 15.1 | - | - | - | 136 |
| 144 | 54.6 | 45.7 | 42.2 | 40.9 | 39.8 | 36.2 | 33.6 | 34.0 | 28.5 | 24.7 | 28.3 | 23.2 | 20.3 | 21.9 | 18.3 | 14.8 | - | - | - | 144 |
| 152 | 51.9 | 43.8 | 40.6 | 39.2 | 37.9 | 34.8 | 32.0 | 32.7 | 27.7 | 24.0 | 27.2 | 22.6 | 19.8 | 20.8 | 17.8 | 14.5 | - | - | - | 152 |
| 160 | 49.6 | 41.7 | 39.2 | 37.7 | 36.3 | 33.3 | 30.7 | 31.3 | 26.9 | 23.4 | 26.1 | 22.1 | 19.2 | 20.0 | 17.2 | 14.0 | - | - | - | 160 |
| 168 | 47.4 | 39.9 | 37.7 | 36.2 | 34.8 | 32.0 | 29.4 | 30.0 | 26.1 | 22.8 | 25.2 | 21.6 | 18.7 | 19.3 | 16.7 | 13.7 | - | - | - | 168 |
| 176 | 45.3 | 38.2 | 36.4 | 34.4 | 33.3 | 30.8 | 28.2 | 28.8 | 25.3 | 22.1 | 24.4 | 21.0 | 18.2 | 18.6 | 16.2 | 13.3 | - | - | - | 176 |
| 184 | 43.4 | 36.5 | 35.1 | 32.6 | 31.8 | 29.6 | 27.1 | 27.7 | 24.4 | 21.4 | 23.6 | 20.4 | 17.6 | 18.1 | 15.7 | 12.9 | - | - | - | 184 |
| 192 | 41.5 | 35.0 | 33.9 | - | 30.4 | 28.4 | 26.0 | 26.7 | 23.7 | 20.8 | 22.8 | 19.7 | 17.3 | 17.5 | 15.3 | 12.7 | - | - | - | 192 |
| 200 | 39.9 | 33.5 | 32.7 | - | 29.2 | 27.4 | 25.1 | 25.8 | 23.0 | 20.1 | 22.1 | 19.2 | 16.8 | 17.0 | 14.8 | 12.3 | - | - | - | 200 |
| 208 | 37.5 | 32.1 | 31.6 | - | 28.0 | 26.4 | - | 24.9 | 22.3 | 19.5 | 21.5 | 18.7 | 16.2 | 16.4 | 14.3 | 12.1 | - | - | - | 208 |
| 216 | 34.6 | 30.7 | 30.7 | - | 26.8 | 25.4 | - | 24.1 | 21.7 | 18.8 | 21.0 | 18.1 | 15.7 | 15.9 | 13.9 | 11.7 | - | - | - | 216 |
| 224 | - | 29.8 | 29.8 | - | 25.7 | 24.5 | - | 23.3 | 20.9 | 18.2 | 20.3 | 17.6 | 15.2 | 15.5 | 13.5 | 11.4 | - | - | - | 224 |
| 232 | - | 28.8 | - | - | 24.8 | 23.6 | - | 22.4 | 20.1 | - | 19.7 | 17.0 | 14.7 | 15.1 | 13.1 | 10.9 | - | - | - | 232 |
| 240 | - | - | - | - | 23.9 | 22.8 | - | 21.6 | 19.4 | - | 19.1 | 16.5 | 14.2 | 14.7 | 12.7 | 10.7 | - | - | - | 240 |
| 248 | - | - | - | - | 23.1 | 22.0 | - | 21.0 | 18.7 | - | 18.6 | 15.9 | - | 14.3 | 12.4 | 10.3 | - | - | - | 248 |
| 256 | - | - | - | - | - | - | - | 20.5 | 17.8 | - | 18.1 | 15.2 | - | 14.1 | 12.1 | 9.9 | - | - | - | 256 |
| 264 | - | - | - | - | - | - | - | 20.0 | 17.0 | - | 17.5 | 14.7 | - | 13.7 | 11.7 | 9.6 | - | - | - | 264 |
| 272 | - | - | - | - | - | - | - | - | 16.2 | - | 17.0 | 14.1 | - | 13.3 | 11.4 | - | - | - | - | 272 |
| 280 | - | - | - | - | - | - | - | - | - | - | 16.5 | 13.6 | - | 13.1 | 11.1 | - | - | - | - | 280 |
| 288 | - | - | - | - | - | - | - | - | - | - | 15.1 | 13.2 | - | 12.8 | 10.7 | - | - | - | - | 288 |
| 296 | - | - | - | - | - | - | - | - | - | - | - | - | - | 12.4 | 10.3 | - | - | - | - | 296 |
| 304 | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.1 | 9.9 | - | - | - | - | 304 |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.6 | - | - | - | - | 312 |

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

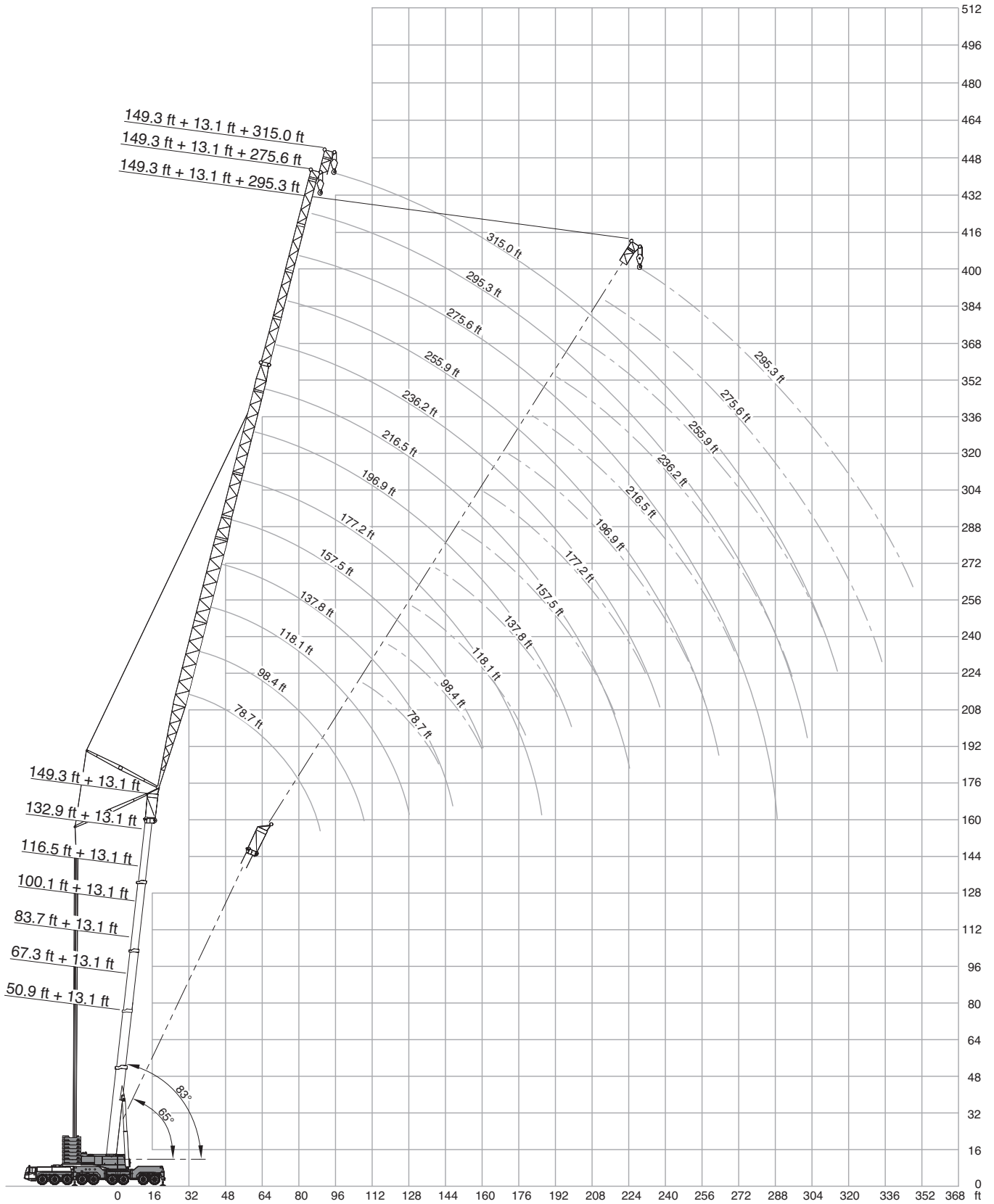
Operation

LF-SSL 30°

| 360° | | | | | | | | ASME B30.5 | | | | | | | |
|----------------|----------|---------|----------|----------|----------|----------|-----|----------------|----------|----------|----------|----------|----------|---|--|
| 182.1 ft + 30° | | | | | | | | 196.9 ft + 30° | | | | | | | |
| | 65.6 ft | 85.3 ft | 105.0 ft | 124.7 ft | 144.4 ft | 164.0 ft | | 65.6 ft | 85.3 ft | 105.0 ft | 124.7 ft | 144.4 ft | 164.0 ft | | |
| | 0° | 0° | 0° | 0° | 0° | 0° | | 0° | 0° | 0° | 0° | 0° | 0° | | |
| ft | 1,000 lb | | | | | | | ft | 1,000 lb | | | | | | |
| 48 | 104.4 | - | - | - | - | - | 48 | 95.2 | - | - | - | - | - | - | |
| 56 | 95.0 | 85.1 | 73.2 | 58.6 | - | - | 56 | 86.6 | 78.3 | 59.5 | - | - | - | - | |
| 64 | 86.4 | 77.6 | 67.7 | 55.3 | 46.3 | 37.5 | 64 | 79.1 | 72.3 | 59.5 | 52.2 | 44.3 | - | - | |
| 72 | 78.4 | 70.7 | 62.3 | 52.1 | 43.5 | 35.1 | 72 | 72.0 | 66.5 | 57.8 | 49.0 | 41.5 | 32.4 | - | |
| 80 | 71.0 | 64.5 | 57.5 | 48.9 | 40.8 | 33.0 | 80 | 65.9 | 61.1 | 53.8 | 46.1 | 38.9 | 30.8 | - | |
| 88 | 64.5 | 58.8 | 53.2 | 46.0 | 38.5 | 31.1 | 88 | 60.2 | 56.1 | 49.9 | 43.2 | 36.5 | 29.0 | - | |
| 96 | 58.6 | 53.6 | 49.1 | 43.1 | 36.4 | 29.2 | 96 | 55.1 | 51.4 | 46.3 | 40.5 | 34.4 | 27.5 | - | |
| 104 | 53.3 | 49.0 | 45.3 | 40.5 | 34.3 | 27.5 | 104 | 50.6 | 47.2 | 42.8 | 37.9 | 32.3 | 26.1 | - | |
| 112 | 48.3 | 44.8 | 41.7 | 37.8 | 32.3 | 25.9 | 112 | 46.3 | 43.2 | 39.3 | 35.4 | 30.3 | 24.6 | - | |
| 120 | 44.1 | 41.0 | 38.6 | 35.5 | 30.6 | 24.5 | 120 | 42.5 | 39.6 | 36.3 | 33.1 | 28.4 | 23.1 | - | |
| 128 | 40.3 | 37.6 | 35.7 | 33.2 | 28.9 | 23.1 | 128 | 39.0 | 36.2 | 33.5 | 30.9 | 26.7 | 21.8 | - | |
| 136 | 36.9 | 34.6 | 33.0 | 30.9 | 27.3 | 21.9 | 136 | 35.8 | 33.3 | 30.8 | 28.9 | 25.1 | 20.6 | - | |
| 144 | 34.0 | 32.1 | 30.6 | 28.9 | 25.6 | 20.7 | 144 | 33.0 | 30.6 | 28.4 | 26.9 | 23.5 | 19.3 | - | |
| 152 | 31.2 | 29.7 | 28.4 | 26.9 | 24.1 | 19.5 | 152 | 30.3 | 28.2 | 26.2 | 24.9 | 22.1 | 18.1 | - | |
| 160 | 29.1 | 27.7 | 26.4 | 25.0 | 22.6 | 18.2 | 160 | 27.9 | 26.2 | 24.2 | 23.1 | 20.6 | 16.9 | - | |
| 168 | 27.1 | 25.9 | 24.5 | 23.2 | 21.1 | 17.1 | 168 | 25.7 | 24.3 | 22.4 | 21.5 | 19.2 | 15.8 | - | |
| 176 | 25.4 | 24.3 | 22.7 | 21.6 | 19.6 | 16.0 | 176 | 23.7 | 22.5 | 20.7 | 19.9 | 17.8 | 14.7 | - | |
| 184 | 23.9 | 22.8 | 21.3 | 20.0 | 18.3 | 15.1 | 184 | 22.0 | 21.0 | 19.4 | 18.2 | 16.5 | 13.6 | - | |
| 192 | 22.4 | 21.3 | 20.0 | 18.5 | 16.9 | 14.1 | 192 | 20.4 | 19.6 | 18.0 | 16.7 | 15.2 | 12.6 | - | |
| 200 | 21.1 | 20.1 | 18.7 | 17.1 | 15.7 | 13.0 | 200 | 19.1 | 18.4 | 16.8 | 15.3 | 14.0 | 11.5 | - | |
| 208 | 19.8 | 18.9 | 17.4 | 15.9 | 14.5 | 12.1 | 208 | 17.8 | 17.2 | 15.7 | 14.1 | 12.8 | 10.5 | - | |
| 216 | - | 17.7 | 16.2 | 14.7 | 13.3 | 11.3 | 216 | 16.6 | 16.2 | 14.6 | 12.9 | 11.5 | 9.5 | - | |
| 224 | - | 16.5 | 15.1 | 13.5 | 12.2 | 10.4 | 224 | 15.5 | 14.9 | 13.7 | 11.8 | 10.5 | 8.6 | - | |
| 232 | - | 15.2 | 14.0 | 12.6 | 11.1 | 9.5 | 232 | - | 13.8 | 12.7 | 10.7 | 9.6 | 7.9 | - | |
| 240 | - | - | 12.9 | 11.8 | 10.2 | 8.8 | 240 | - | 12.5 | 11.8 | 9.8 | 8.7 | 7.1 | - | |
| 248 | - | - | 11.9 | 10.9 | 9.4 | 8.1 | 248 | - | - | 10.8 | 8.9 | 7.8 | 6.2 | - | |
| 256 | - | - | - | 10.1 | 8.6 | 7.5 | 256 | - | - | 9.9 | 8.1 | 7.0 | 5.5 | - | |
| 264 | - | - | - | 9.4 | 7.9 | 6.8 | 264 | - | - | - | 7.4 | 6.5 | 4.9 | - | |
| 272 | - | - | - | - | 7.3 | 6.2 | 272 | - | - | - | 6.9 | 6.0 | - | - | |
| 280 | - | - | - | - | 6.9 | 5.7 | 280 | - | - | - | - | 5.4 | - | - | |
| 288 | - | - | - | - | - | 5.2 | 288 | - | - | - | - | 5.1 | - | - | |
| 296 | - | - | - | - | - | 4.8 | 296 | - | - | - | - | 4.9 | - | - | |

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

| | | | | | |
|---|------------|------------|------------|------------|------------|
|  | 132,300 lb | 176,400 lb | 220,500 lb | 264,600 lb | 308,600 lb |
|---|------------|------------|------------|------------|------------|



Operation

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | |
|-------------------|-------|----------|-------|-----|---------|-------|-------|----------|-------|-------|----------|-------|------------|----------|-------|-------|----------|-------|------|--|--|
| 50.9 ft + 13.1 ft | | | | | | | | | | | | | | | | | | | | | |
| | | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | | |
| | | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | | |
| ft | | 1,000 lb | | | | | | | | | | | | | | | | | | | |
| 40 | 270.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 48 | 256.7 | - | - | - | 225.7 | - | - | 195.5 | - | - | - | - | - | - | - | - | - | - | - | | |
| 56 | 244.4 | - | - | - | 222.7 | - | - | 192.8 | - | - | 160.9 | - | - | 133.4 | - | - | - | - | - | | |
| 64 | 228.1 | 224.8 | - | - | 221.0 | - | - | 190.1 | - | - | 160.1 | - | - | 133.4 | - | - | 114.6 | - | - | | |
| 72 | 198.1 | 206.6 | - | - | 210.8 | 196.4 | - | 188.5 | - | - | 158.8 | - | - | 133.4 | - | - | 114.6 | - | - | | |
| 80 | - | 189.3 | 184.9 | - | 192.6 | 187.1 | - | 186.1 | 169.3 | - | 157.2 | - | - | 133.0 | - | - | 114.6 | - | - | | |
| 88 | - | 111.5 | 168.7 | - | 171.5 | 171.4 | 167.0 | 175.3 | 165.7 | - | 155.6 | 147.7 | - | 130.3 | - | - | 114.2 | - | - | | |
| 96 | - | - | 154.0 | - | 139.2 | 156.6 | 152.2 | 154.8 | 155.1 | 150.7 | 153.6 | 147.0 | - | 127.6 | 124.6 | - | 112.1 | - | - | | |
| 104 | - | - | - | - | - | 143.7 | 139.3 | 130.7 | 142.6 | 138.2 | 143.9 | 140.1 | - | 125.8 | 123.6 | - | 108.7 | 108.4 | - | | |
| 112 | - | - | - | - | - | - | 128.4 | 107.8 | 130.6 | 127.3 | 125.8 | 129.5 | 126.2 | 122.9 | 122.3 | - | 105.6 | 106.8 | - | | |
| 120 | - | - | - | - | - | - | - | - | 121.2 | 118.2 | 108.6 | 120.5 | 116.8 | 113.8 | 119.3 | 111.0 | 101.6 | 104.1 | - | | |
| 128 | - | - | - | - | - | - | - | - | - | 110.2 | 92.5 | 112.4 | 108.5 | 103.5 | 111.3 | 107.4 | 97.0 | 101.4 | - | | |
| 136 | - | - | - | - | - | - | - | - | - | 102.9 | 75.6 | 104.3 | 101.8 | 90.9 | 103.2 | 100.7 | 91.6 | 98.7 | 97.9 | | |
| 144 | - | - | - | - | - | - | - | - | - | - | - | 94.2 | 95.1 | 78.8 | 97.2 | 94.0 | 86.2 | 95.0 | 92.8 | | |
| 152 | - | - | - | - | - | - | - | - | - | - | - | - | 89.5 | 66.7 | 90.4 | 87.5 | 75.9 | 89.5 | 86.4 | | |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 81.7 | 82.1 | 66.7 | 83.2 | 81.0 | | |
| 168 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 77.2 | 57.5 | 76.9 | 76.0 | | |
| 176 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70.2 | 71.3 | | |
| 184 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 67.4 | | |

| | | 196.9 ft | | | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
|-----|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|--|--|
| ft | | 1,000 lb | | | | | | | | | | | | | | | | | | | | |
| 72 | 92.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 80 | 92.6 | - | - | - | 77.0 | - | - | 66.1 | - | - | - | - | - | - | - | - | - | - | - | | | |
| 88 | 92.6 | - | - | - | 75.6 | - | - | 66.1 | - | - | 53.2 | - | - | - | - | - | - | - | - | | | |
| 96 | 92.6 | - | - | - | 74.3 | - | - | 66.1 | - | - | 52.1 | - | - | 42.9 | - | - | 34.7 | - | - | | | |
| 104 | 92.6 | - | - | - | 72.9 | - | - | 66.1 | - | - | 51.2 | - | - | 42.0 | - | - | 33.8 | - | 27.7 | | | |
| 112 | 92.6 | 88.2 | - | - | 71.7 | - | - | 65.9 | - | - | 50.2 | - | - | 41.0 | - | - | 32.8 | - | 26.4 | | | |
| 120 | 92.6 | 87.9 | - | - | 71.3 | 71.7 | - | 65.3 | - | - | 49.2 | - | - | 40.1 | - | - | 32.0 | - | 25.3 | | | |
| 128 | 92.6 | 87.1 | - | - | 70.0 | 71.1 | - | 64.5 | 65.0 | - | 48.4 | - | - | 39.0 | - | - | 31.2 | - | 24.4 | | | |
| 136 | 92.6 | 86.3 | - | - | 68.6 | 69.7 | - | 63.7 | 65.0 | - | 47.6 | 48.7 | - | 38.1 | - | - | 30.4 | - | 23.5 | | | |
| 144 | 89.4 | 85.0 | 82.7 | - | 67.3 | 69.4 | - | 62.9 | 65.0 | - | 46.8 | 47.9 | - | 37.1 | - | - | 29.6 | - | 22.7 | | | |
| 152 | 82.5 | 83.4 | 81.4 | 65.9 | 68.2 | 68.2 | 62.1 | 65.0 | - | 45.9 | 47.1 | - | 36.0 | 37.3 | - | 28.8 | - | 21.9 | | | | |
| 160 | 73.5 | 80.7 | 79.6 | 64.0 | 66.8 | 66.8 | 61.3 | 65.0 | - | 44.9 | 46.3 | - | 35.2 | 36.3 | - | 28.0 | 29.1 | 21.2 | | | | |
| 168 | 65.8 | 77.4 | 75.9 | 61.9 | 65.3 | 65.5 | 59.6 | 65.0 | 61.3 | 44.2 | 45.4 | - | 34.1 | 35.2 | - | 27.2 | 28.3 | 20.6 | | | | |
| 176 | 58.4 | 73.3 | 71.2 | 59.6 | 63.7 | 64.1 | 57.0 | 65.0 | 60.9 | 43.4 | 44.6 | 45.1 | 33.2 | 34.3 | - | 26.6 | 27.5 | 19.9 | | | | |
| 184 | 50.9 | 68.2 | 67.3 | 54.7 | 62.0 | 62.9 | 54.2 | 63.0 | 60.5 | 42.4 | 43.8 | 44.2 | 32.3 | 33.4 | - | 25.9 | 26.8 | 19.5 | | | | |
| 192 | - | 62.3 | 63.7 | 49.2 | 60.1 | 61.3 | 51.1 | 60.6 | 59.6 | 41.5 | 43.0 | 43.2 | 31.4 | 32.5 | 33.7 | 25.2 | 26.1 | 19.1 | | | | |
| 200 | - | 54.6 | 60.3 | 43.1 | 57.7 | 58.4 | 46.5 | 58.1 | 57.1 | 40.5 | 42.2 | 42.3 | 30.5 | 31.6 | 32.8 | 24.7 | 25.6 | 18.7 | | | | |
| 208 | - | - | 57.3 | 36.9 | 53.2 | 55.5 | 41.6 | 54.7 | 54.3 | 39.5 | 41.4 | 41.4 | 29.7 | 30.8 | 31.9 | 24.2 | 25.0 | 18.4 | | | | |
| 216 | - | - | - | - | 47.1 | 52.6 | 36.5 | 50.5 | 51.3 | 38.4 | 40.6 | 40.6 | 28.9 | 30.0 | 31.1 | 23.6 | 24.3 | 17.9 | | | | |
| 224 | - | - | - | - | - | 50.2 | 31.5 | 45.6 | 48.8 | 35.1 | 39.7 | 39.8 | 28.3 | 29.4 | 30.3 | 23.1 | 23.7 | 17.5 | | | | |
| 232 | - | - | - | - | - | - | - | 40.6 | 46.3 | 31.4 | 38.8 | 39.0 | 27.6 | 28.7 | 29.5 | 22.6 | 23.2 | 17.1 | | | | |
| 240 | - | - | - | - | - | - | - | 35.3 | 44.2 | 27.4 | 38.0 | 38.2 | 26.9 | 28.0 | 28.7 | 22.2 | 22.7 | 16.7 | | | | |
| 248 | - | - | - | - | - | - | - | - | 40.5 | 23.0 | 35.2 | 37.6 | 25.5 | 27.4 | 28.1 | 21.7 | 22.2 | 16.4 | | | | |
| 256 | - | - | - | - | - | - | - | - | - | - | 16.3 | 36.8 | 23.8 | 26.9 | 27.5 | 21.2 | 21.8 | 16.1 | | | | |
| 264 | - | - | - | - | - | - | - | - | - | - | - | 34.9 | 20.3 | 26.4 | 26.9 | 20.9 | 21.4 | 15.7 | | | | |
| 272 | - | - | - | - | - | - | - | - | - | - | - | - | - | 25.5 | 26.3 | 19.7 | 21.0 | 15.3 | | | | |
| 280 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25.9 | 17.0 | 20.6 | 14.9 | | | | |
| 288 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.0 | 20.3 | 14.5 | | | | |
| 296 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.2 | 20.3 | 13.9 | | | |
| 304 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19.9 | 13.5 | | | |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.5 | | | |
| 320 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.2 | | | |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | | | | | | | |
|-------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------|------|-------------|---|------|-------------|------|---|-------------|--|--|-------------|--|--|
| 67.3 ft + 13.1 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78.7 ft | | | | | | | | | | | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | |
| 83° 73° 65° | | | | | | | | | | | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | |
| ft | 1,000 lb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 248.5 | - | - | 215.4 | - | - | 172.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 56 | 235.4 | - | - | 209.3 | - | - | 170.8 | - | - | 140.0 | - | - | 114.6 | - | - | - | - | - | - | - | - | - | | | | | |
| 64 | 220.1 | - | - | 203.9 | - | - | 169.8 | - | - | 139.2 | - | - | 114.6 | - | - | - | - | 97.0 | - | - | - | - | | | | | |
| 72 | 204.3 | 192.1 | - | 197.5 | - | - | 168.7 | - | - | 138.9 | - | - | 114.6 | - | - | - | - | 97.0 | - | - | - | - | | | | | |
| 80 | - | 178.9 | - | 188.6 | 167.2 | - | 166.9 | 146.0 | - | 137.6 | - | - | 114.4 | - | - | - | - | 97.0 | - | - | - | - | | | | | |
| 88 | - | 167.2 | 156.7 | 174.2 | 158.2 | - | 162.0 | 141.9 | - | 135.8 | - | - | 113.1 | - | - | - | - | 97.0 | - | - | - | - | | | | | |
| 96 | - | 94.5 | 147.3 | 150.5 | 149.5 | 140.6 | 153.9 | 137.2 | - | 134.9 | 124.3 | - | 112.4 | - | - | - | - | 97.0 | - | - | - | - | | | | | |
| 104 | - | - | 136.0 | - | 140.1 | 133.1 | 138.8 | 131.8 | - | 128.9 | 120.6 | - | 111.5 | 108.4 | - | - | - | 96.1 | - | - | - | - | | | | | |
| 112 | - | - | - | - | 75.0 | 124.0 | 116.7 | 126.3 | 118.8 | 121.6 | 117.6 | - | 109.9 | 105.7 | - | - | - | 94.7 | 93.5 | - | - | - | | | | | |
| 120 | - | - | - | - | - | 114.9 | - | 118.2 | 113.8 | 109.6 | 112.6 | 104.9 | 104.6 | 103.0 | - | - | - | 93.1 | 91.2 | - | - | - | | | | | |
| 128 | - | - | - | - | - | - | - | 110.2 | 105.8 | 96.9 | 108.0 | 100.8 | 98.1 | 100.3 | 91.5 | - | - | 89.8 | 89.3 | - | - | - | | | | | |
| 136 | - | - | - | - | - | - | - | - | 98.5 | 81.9 | 101.8 | 96.8 | 90.0 | 96.8 | 89.6 | - | - | 86.6 | 86.6 | - | - | - | | | | | |
| 144 | - | - | - | - | - | - | - | - | 92.8 | - | 95.1 | 91.7 | 81.9 | 92.8 | 87.2 | - | - | 81.8 | 83.9 | 81.7 | - | - | | | | | |
| 152 | - | - | - | - | - | - | - | - | - | - | 46.5 | 79.9 | 71.1 | 87.5 | 84.2 | - | - | 76.4 | 81.2 | 79.2 | - | - | | | | | |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - | - | 82.1 | 78.8 | - | - | 70.2 | 78.5 | 77.0 | - | - | | | | | |
| 168 | - | - | - | - | - | - | - | - | - | - | - | - | - | 38.7 | 73.7 | - | - | 61.4 | 75.2 | 72.6 | - | - | | | | | |
| 176 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 69.0 | - | - | 51.7 | 71.1 | 67.9 | - | - | | | | | |
| 184 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 65.3 | 64.3 | 64.3 | - | - | | | | | |
| 192 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 60.8 | 60.8 | - | - | | | | | |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 57.6 | 57.6 | - | - | | | | | |

| 196.9 ft | | | | | | | | | | | | | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
|----------|----------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|--|--|----------|--|--|----------|--|--|
| ft | 1,000 lb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 81.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 80 | 81.6 | - | - | 66.1 | - | - | 57.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 88 | 81.6 | - | - | 65.7 | - | - | 56.8 | - | - | 47.7 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 96 | 81.6 | - | - | 65.2 | - | - | 56.7 | - | - | 47.1 | - | - | 38.4 | - | - | 30.7 | - | - | - | - | - | - | | | | | | | | |
| 104 | 81.6 | - | - | 64.5 | - | - | 56.7 | - | - | 46.8 | - | - | 38.0 | - | - | 30.0 | - | - | 24.2 | - | - | - | | | | | | | | |
| 112 | 81.6 | - | - | 63.9 | - | - | 56.4 | - | - | 46.3 | - | - | 37.4 | - | - | 29.3 | - | - | 23.3 | - | - | - | | | | | | | | |
| 120 | 81.6 | 77.2 | - | 63.1 | - | - | 56.4 | - | - | 45.7 | - | - | 36.9 | - | - | 28.7 | - | - | 22.7 | - | - | - | | | | | | | | |
| 128 | 81.6 | 77.2 | - | 62.5 | 64.9 | - | 56.3 | - | - | 45.1 | - | - | 36.3 | - | - | 28.0 | - | - | 21.9 | - | - | - | | | | | | | | |
| 136 | 81.6 | 76.4 | - | 61.9 | 64.1 | - | 56.1 | 55.6 | - | 44.4 | - | - | 35.5 | - | - | 27.3 | - | - | 21.3 | - | - | - | | | | | | | | |
| 144 | 79.5 | 76.1 | - | 61.1 | 63.3 | - | 55.8 | 55.6 | - | 43.9 | 44.8 | - | 34.6 | - | - | 26.7 | - | - | 20.5 | - | - | - | | | | | | | | |
| 152 | 76.4 | 74.6 | 69.3 | 60.2 | 62.5 | - | 55.4 | 55.6 | - | 43.1 | 44.2 | - | 33.8 | 35.2 | - | 26.1 | - | - | 20.0 | - | - | - | | | | | | | | |
| 160 | 71.5 | 72.3 | 67.9 | 58.6 | 61.8 | - | 54.7 | 55.6 | - | 42.4 | 43.5 | - | 33.0 | 34.4 | - | 25.4 | - | - | 19.5 | - | - | - | | | | | | | | |
| 168 | 66.8 | 70.7 | 66.4 | 56.6 | 60.8 | 58.9 | 54.1 | 55.6 | - | 41.7 | 42.9 | - | 32.2 | 33.5 | - | 24.9 | 25.9 | - | 18.9 | 19.8 | - | - | | | | | | | | |
| 176 | 61.4 | 68.6 | 64.8 | 54.1 | 59.7 | 57.3 | 53.1 | 55.6 | 53.0 | 40.9 | 42.2 | - | 31.4 | 32.5 | - | 24.3 | 25.2 | - | 18.4 | 19.3 | - | - | | | | | | | | |
| 184 | 54.1 | 66.3 | 63.0 | 51.7 | 58.3 | 55.7 | 51.8 | 54.9 | 52.5 | 40.1 | 41.4 | 42.1 | 30.6 | 31.7 | - | 23.7 | 24.7 | - | 17.8 | 18.8 | - | - | | | | | | | | |
| 192 | - | 63.4 | 60.8 | 49.0 | 56.8 | 54.2 | 50.2 | 53.9 | 51.9 | 39.3 | 40.6 | 41.3 | 29.8 | 31.0 | - | 23.0 | 24.1 | - | 17.3 | 18.4 | - | - | | | | | | | | |
| 200 | - | 59.0 | 57.4 | 44.9 | 55.3 | 53.1 | 47.8 | 52.6 | 51.1 | 38.3 | 40.0 | 40.5 | 28.8 | 30.3 | 31.5 | 22.5 | 23.6 | - | 16.9 | 17.9 | - | - | | | | | | | | |
| 208 | - | 26.6 | 54.5 | 39.4 | 53.4 | 51.7 | 43.8 | 51.3 | 49.9 | 37.5 | 39.3 | 39.7 | 28.1 | 29.5 | 30.6 | 22.2 | 23.1 | 24.4 | 16.5 | 17.3 | - | - | | | | | | | | |
| 216 | - | - | 51.8 | - | 51.3 | 49.9 | 38.7 | 49.9 | 48.6 | 36.7 | 38.6 | 38.9 | 27.4 | 28.7 | 29.8 | 21.6 | 22.5 | 23.8 | 16.1 | 16.8 | - | - | | | | | | | | |
| 224 | - | - | - | - | 45.3 | 47.6 | 33.6 | 47.4 | 46.2 | 35.5 | 37.8 | 38.2 | 26.7 | 28.0 | 29.1 | 21.1 | 22.0 | 23.2 | 15.7 | 16.4 | 17.2 | - | | | | | | | | |
| 232 | - | - | - | - | - | 45.3 | - | 44.2 | 43.9 | 33.4 | 37.1 | 37.5 | 26.1 | 27.4 | 28.5 | 20.6 | 21.4 | 22.5 | 15.3 | 16.0 | 16.6 | - | | | | | | | | |
| 240 | - | - | - | - | - | - | 39.2 | 41.8 | 29.2 | 36.4 | 36.8 | 37.8 | 25.5 | 26.9 | 27.8 | 20.2 | 20.9 | 21.8 | 14.9 | 15.6 | 15.9 | - | | | | | | | | |
| 248 | - | - | - | - | - | - | - | 39.9 | 24.9 | 35.5 | 36.1 | 36.1 | 25.0 | 26.3 | 27.1 | 19.8 | 20.5 | 21.3 | 14.5 | 15.2 | 15.3 | - | | | | | | | | |
| 256 | - | - | - | - | - | - | - | - | - | 34.6 | 35.5 | 35.5 | 24.4 | 25.8 | 26.4 | 19.4 | 20.1 | 20.7 | 14.1 | 14.8 | 14.8 | - | | | | | | | | |
| 264 | - | - | - | - | - | - | - | - | - | 30.1 | 35.0 | 35.0 | 21.3 | 25.3 | 25.9 | 19.0 | 19.7 | 20.3 | 13.7 | 14.4 | 14.2 | - | | | | | | | | |
| 272 | - | - | - | - | - | - | - | - | - | - | 34.2 | - | 24.8 | 25.4 | 25.4 | 18.4 | 19.3 | 19.9 | 13.3 | 14.0 | 13.7 | - | | | | | | | | |
| 280 | - | - | - | - | - | - | - | - | - | - | - | - | 24.4 | 25.0 | 25.0 | 17.6 | 18.8 | 19.3 | 12.9 | 13.6 | 13.3 | - | | | | | | | | |
| 288 | - | - | - | - | - | - | - | - | - | - | - | - | - | 24.6 | 24.6 | 15.3 | 18.5 | 19.0 | 12.6 | 13.2 | 13.0 | - | | | | | | | | |
| 296 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.2 | 18.7 | 18.7 | 12.3 | 12.8 | 12.8 | - | | | | | | | | |
| 304 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.2 | 18.2 | 11.5 | 12.3 | 12.3 | - | | | | | | | | |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.0 | 12.0 | 12.1 | 12.1 | - | | | | | | | | |
| 320 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.7 | 11.9 | 11.9 | - | | | | | | | | |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.8 | 11.8 | - | | | | | | | | |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|-------------------|----------|-------|-------|---------|-------|-------|----------|-------|-------|----------|-------|------|------------|-------|------|----------|------|------|
| 83.7 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | |
| | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° |
| | 1,000 lb | | | | | | | | | | | | | | | | | |
| 48 | 241.2 | - | - | 203.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 56 | 226.0 | - | - | 198.8 | - | - | 167.6 | - | - | 133.4 | - | - | - | - | - | - | - | - |
| 64 | 206.1 | - | - | 191.2 | - | - | 167.6 | - | - | 133.4 | - | - | 108.0 | - | - | - | - | - |
| 72 | 183.5 | - | - | 181.0 | - | - | 166.5 | - | - | 133.4 | - | - | 108.0 | - | - | - | 90.4 | - |
| 80 | - | 154.8 | - | 170.3 | 148.2 | - | 162.1 | - | - | 132.1 | - | - | 108.0 | - | - | - | 90.4 | - |
| 88 | - | 145.0 | - | 159.1 | 137.9 | - | 155.4 | 132.4 | - | 130.7 | - | - | 108.0 | - | - | - | 90.4 | - |
| 96 | - | 138.6 | 123.7 | 147.7 | 129.2 | - | 147.3 | 124.4 | - | 129.8 | 118.5 | - | 108.0 | - | - | - | 90.4 | - |
| 104 | - | 80.7 | 116.6 | - | 123.0 | 111.2 | 136.0 | 118.6 | - | 126.2 | 112.2 | - | 108.0 | - | - | - | 90.4 | - |
| 112 | - | - | - | - | 117.8 | 104.4 | 123.3 | 113.4 | 103.3 | 121.8 | 106.7 | - | 107.9 | 101.1 | - | - | 90.4 | 89.2 |
| 120 | - | - | - | - | 65.0 | 99.4 | - | 110.4 | 97.6 | 112.4 | 102.3 | - | 105.2 | 96.1 | - | - | 90.4 | 87.6 |
| 128 | - | - | - | - | - | 96.4 | - | 106.3 | 92.0 | 101.9 | 97.5 | 88.7 | 100.8 | 92.0 | - | - | 89.3 | 85.4 |
| 136 | - | - | - | - | - | - | - | 100.7 | 88.0 | 87.4 | 94.3 | 83.9 | 94.4 | 87.7 | 80.6 | - | 87.4 | 83.3 |
| 144 | - | - | - | - | - | - | - | - | 86.0 | - | 91.6 | 80.6 | 87.4 | 85.0 | 76.2 | - | 82.9 | 81.6 |
| 152 | - | - | - | - | - | - | - | - | - | - | 86.4 | 76.8 | 75.3 | 83.4 | 72.4 | - | 77.5 | 79.2 |
| 160 | - | - | - | - | - | - | - | - | - | - | 40.8 | 74.5 | - | 79.9 | 69.7 | - | 72.2 | 77.4 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | - | - | 74.8 | 67.5 | - | 64.6 | 73.7 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | - | - | 70.1 | 65.9 | - | 54.8 | 69.0 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 62.7 | - | - | 65.2 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28.1 | 57.8 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 54.7 |

| ft | 196.9 ft | | | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
|-----|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|--|--|
| | 1,000 lb | | | | | | | | | | | | | | | | | | | | |
| 72 | 79.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 80 | 79.4 | - | - | 61.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 88 | 79.4 | - | - | 61.7 | - | - | 52.9 | - | - | 46.3 | - | - | - | - | - | - | - | - | | | |
| 96 | 79.4 | - | - | 61.7 | - | - | 52.9 | - | - | 46.3 | - | - | 37.3 | - | - | - | - | - | | | |
| 104 | 79.4 | - | - | 61.7 | - | - | 52.9 | - | - | 46.3 | - | - | 37.3 | - | - | 29.4 | - | - | | | |
| 112 | 79.4 | - | - | 61.7 | - | - | 52.9 | - | - | 46.3 | - | - | 37.0 | - | - | 28.9 | - | - | | | |
| 120 | 79.4 | - | - | 61.5 | - | - | 52.9 | - | - | 46.3 | - | - | 36.8 | - | - | 28.3 | - | - | | | |
| 128 | 79.4 | 75.5 | - | 61.4 | - | - | 52.9 | - | - | 46.2 | - | - | 36.6 | - | - | 27.8 | - | - | | | |
| 136 | 79.4 | 75.0 | - | 61.1 | 64.7 | - | 52.9 | - | - | 45.8 | - | - | 36.4 | - | - | 27.2 | - | - | | | |
| 144 | 78.3 | 75.0 | - | 61.1 | 64.4 | - | 52.9 | 51.8 | - | 45.2 | - | - | 35.8 | - | - | 26.7 | - | - | | | |
| 152 | 76.6 | 73.7 | - | 60.7 | 63.9 | - | 52.9 | 51.8 | - | 44.5 | 45.8 | - | 34.9 | - | - | 26.2 | - | - | | | |
| 160 | 72.6 | 72.8 | 63.3 | 59.9 | 63.2 | - | 52.9 | 51.8 | - | 43.8 | 45.2 | - | 34.1 | 35.9 | - | 25.6 | - | - | | | |
| 168 | 68.3 | 71.4 | 61.9 | 58.7 | 62.6 | - | 52.6 | 51.8 | - | 43.1 | 44.6 | - | 33.3 | 35.0 | - | 25.1 | 26.2 | - | | | |
| 176 | 63.7 | 68.7 | 60.6 | 56.9 | 61.8 | 57.0 | 52.1 | 51.8 | - | 42.4 | 44.0 | - | 32.5 | 34.1 | - | 24.5 | 25.7 | - | | | |
| 184 | 56.6 | 65.2 | 59.1 | 55.2 | 60.9 | 54.9 | 50.7 | 51.8 | 50.1 | 41.8 | 43.3 | - | 31.7 | 33.3 | - | 24.0 | 25.0 | - | | | |
| 192 | - | 61.7 | 57.4 | 52.6 | 59.6 | 53.0 | 49.0 | 51.7 | 49.2 | 41.1 | 42.7 | - | 30.9 | 32.5 | - | 23.5 | 24.4 | - | | | |
| 200 | - | 58.5 | 54.6 | 47.3 | 56.6 | 51.2 | 47.4 | 51.2 | 48.2 | 40.4 | 42.0 | 42.5 | 30.3 | 31.8 | - | 22.9 | 23.8 | - | | | |
| 208 | - | 54.2 | 51.8 | 41.4 | 53.7 | 49.3 | 44.4 | 50.4 | 47.1 | 39.7 | 41.3 | 41.7 | 29.7 | 31.1 | 32.6 | 22.4 | 23.4 | - | | | |
| 216 | - | 49.3 | 49.1 | 35.0 | 50.9 | 47.1 | 40.4 | 49.4 | 45.7 | 39.1 | 40.6 | 41.1 | 29.1 | 30.5 | 31.8 | 21.9 | 23.0 | 24.1 | | | |
| 224 | - | - | 46.8 | - | 47.4 | 44.8 | 35.4 | 47.1 | 43.5 | 37.3 | 39.8 | 40.4 | 28.5 | 29.8 | 31.0 | 21.3 | 22.4 | 23.4 | | | |
| 232 | - | - | - | - | 42.7 | - | 44.6 | 41.3 | 34.7 | 39.0 | 39.7 | 27.8 | 29.2 | 30.2 | 20.8 | 21.9 | 22.8 | 15.1 | | | |
| 240 | - | - | - | - | 40.8 | - | 41.8 | 39.3 | 30.5 | 38.4 | 39.0 | 27.3 | 28.6 | 29.6 | 20.2 | 21.4 | 22.2 | 14.5 | | | |
| 248 | - | - | - | - | - | - | 37.3 | 37.4 | 26.2 | 37.7 | 37.7 | 26.8 | 28.0 | 28.9 | 19.8 | 20.9 | 21.7 | 14.1 | | | |
| 256 | - | - | - | - | - | - | - | 35.7 | - | 37.0 | 35.9 | 26.2 | 27.3 | 28.2 | 19.4 | 20.5 | 21.2 | 13.7 | | | |
| 264 | - | - | - | - | - | - | 34.3 | - | 32.8 | 34.2 | 32.7 | 26.9 | 27.7 | 27.7 | 19.0 | 20.1 | 20.8 | 13.3 | | | |
| 272 | - | - | - | - | - | - | - | - | - | 32.5 | - | 26.5 | 27.1 | 27.1 | 18.6 | 19.6 | 20.3 | 12.9 | | | |
| 280 | - | - | - | - | - | - | - | - | - | - | 31.0 | - | 25.9 | 26.6 | 18.2 | 19.1 | 19.8 | 12.5 | | | |
| 288 | - | - | - | - | - | - | - | - | - | - | - | 24.4 | 26.2 | 26.2 | 16.0 | 18.7 | 19.4 | 12.1 | | | |
| 296 | - | - | - | - | - | - | - | - | - | - | - | - | 25.8 | - | 18.3 | 18.9 | 11.7 | 12.5 | | | |
| 304 | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.9 | 18.5 | 11.4 | 12.1 | 12.8 | | | |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18.1 | - | 11.8 | 12.4 | | | |
| 320 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.7 | - | 11.5 | 12.0 | | | |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.0 | 11.7 | | | |
| 336 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.2 | | | |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
| 132.9 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | |
| | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 56 | 144.4 | - | - | 123.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 64 | 140.2 | - | - | 123.5 | - | - | 94.8 | - | - | - | - | - | - | - | - | - | - | - |
| 72 | 132.5 | - | - | 121.3 | - | - | 94.8 | - | - | 78.3 | - | - | 64.4 | - | - | - | - | - |
| 80 | 123.3 | - | - | 113.6 | - | - | 94.4 | - | - | 78.3 | - | - | 64.4 | - | - | 55.6 | - | - |
| 88 | - | - | - | 107.3 | - | - | 91.7 | - | - | 78.3 | - | - | 64.4 | - | - | 55.6 | - | - |
| 96 | - | 88.0 | - | 103.0 | 87.3 | - | 89.7 | - | - | 78.3 | - | - | 64.4 | - | - | 55.6 | - | - |
| 104 | - | 83.2 | - | 100.5 | 81.1 | - | 88.4 | - | - | 77.3 | - | - | 64.4 | - | - | 55.6 | - | - |
| 112 | - | 65.8 | - | - | 75.8 | - | 87.0 | 68.1 | - | 77.2 | - | - | 64.4 | - | - | 55.6 | - | - |
| 120 | - | - | 64.6 | - | 71.8 | - | 85.7 | 64.6 | - | 76.1 | 62.6 | - | 64.3 | - | - | 55.5 | - | - |
| 128 | - | - | 60.1 | - | 69.4 | 59.3 | - | 61.5 | - | 75.5 | 59.2 | - | 64.0 | 56.5 | - | 55.3 | - | - |
| 136 | - | - | 43.1 | - | 48.7 | 55.9 | - | 59.2 | - | 74.2 | 56.2 | - | 63.6 | 53.6 | - | 55.3 | 50.9 | - |
| 144 | - | - | - | - | - | 53.0 | - | 57.8 | 48.0 | 72.8 | 53.9 | - | 63.3 | 51.0 | - | 55.1 | 48.6 | - |
| 152 | - | - | - | - | - | 34.5 | - | 40.4 | 45.4 | - | 51.8 | 43.4 | 62.7 | 48.7 | - | 55.1 | 46.3 | - |
| 160 | - | - | - | - | - | - | - | - | 43.7 | - | 50.6 | 41.2 | 62.0 | 46.9 | - | 54.7 | 44.4 | - |
| 168 | - | - | - | - | - | - | - | - | 28.1 | - | 33.0 | 39.3 | - | 45.3 | 36.9 | 54.4 | 42.7 | - |
| 176 | - | - | - | - | - | - | - | - | 26.1 | - | 30.8 | 37.7 | - | 44.0 | 34.9 | 54.1 | 41.2 | 33.7 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 36.8 | - | 43.3 | 33.3 | - | 40.1 | 32.0 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32.0 | - | 39.1 | 30.4 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 31.0 | - | 38.4 | 29.0 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.3 | - | 19.6 | 27.9 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.2 | - | 18.4 | 27.0 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 26.4 |

| ft | 196.9 ft | | 216.5 ft | | 236.2 ft | | 255.9 ft | | 275.6 ft | | 295.3 ft | | 315.0 ft | |
|-----|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
| | 1,000 lb | | | | | | | | | | | | | |
| 80 | 48.3 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 88 | 48.3 | - | - | 37.5 | - | - | - | - | - | - | - | - | - | - |
| 96 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.8 | - | - | - | - | - |
| 104 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.8 | - | 22.0 | - | - | - |
| 112 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.6 | - | 22.0 | - | 18.3 | - |
| 120 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.5 | - | 22.0 | - | 18.2 | - |
| 128 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.3 | - | 22.0 | - | 18.1 | - |
| 136 | 48.3 | - | - | 37.5 | - | - | 31.5 | - | 27.3 | - | 22.0 | - | 18.1 | - |
| 144 | 48.3 | 43.3 | - | 37.5 | - | - | 31.5 | - | 27.3 | - | 22.0 | - | 18.1 | - |
| 152 | 48.3 | 41.9 | - | 37.5 | 41.9 | - | 31.5 | - | 27.3 | - | 22.0 | - | 17.9 | - |
| 160 | 48.2 | 40.6 | - | 37.5 | 40.3 | - | 31.5 | - | 27.3 | - | 22.0 | - | 17.8 | - |
| 168 | 47.9 | 39.3 | - | 37.5 | 38.7 | - | 31.5 | 30.1 | 27.3 | - | 22.0 | - | 17.6 | - |
| 176 | 47.7 | 38.1 | - | 37.5 | 37.3 | - | 31.5 | 29.8 | 27.3 | 27.6 | - | 22.0 | - | 17.6 |
| 184 | 47.4 | 37.2 | 31.0 | 37.5 | 35.7 | - | 31.5 | 29.5 | 27.3 | 27.2 | - | 22.0 | 20.9 | 17.5 |
| 192 | 46.7 | 36.2 | 29.7 | 37.5 | 34.2 | - | 31.5 | 29.3 | 27.3 | 26.8 | - | 22.0 | 20.9 | 17.4 |
| 200 | 44.2 | 35.4 | 28.4 | 37.5 | 33.1 | 27.5 | 31.5 | 29.0 | 27.2 | 26.6 | - | 22.0 | 20.9 | 17.3 |
| 208 | - | 34.7 | 27.2 | 37.5 | 32.2 | 26.0 | 31.5 | 28.6 | 24.5 | 27.1 | 26.2 | - | 22.0 | 20.9 |
| 216 | - | 34.0 | 26.1 | 37.5 | 31.6 | 24.6 | 31.5 | 28.2 | 23.0 | 27.1 | 25.8 | - | 21.8 | 20.9 |
| 224 | - | 33.4 | 25.1 | - | 30.9 | 23.2 | 31.5 | 27.7 | 21.8 | 27.1 | 25.4 | 19.2 | 21.7 | 20.9 |
| 232 | - | - | 24.3 | - | 30.2 | 22.1 | 30.6 | 27.2 | 20.6 | 27.1 | 25.0 | 18.2 | 21.5 | 20.9 |
| 240 | - | - | 23.6 | - | 29.6 | 21.6 | 27.4 | 26.6 | 19.2 | 27.1 | 24.6 | 17.3 | 21.3 | 20.9 |
| 248 | - | - | 8.4 | - | 11.2 | 21.0 | - | 26.2 | 18.5 | 26.1 | 24.2 | 16.5 | 21.1 | 20.8 |
| 256 | - | - | - | - | 20.5 | - | 25.8 | 18.1 | - | 23.8 | 15.9 | 20.9 | 20.5 | 14.5 |
| 264 | - | - | - | - | 20.0 | - | 25.3 | 17.5 | - | 23.4 | 15.3 | 20.7 | 20.4 | 13.9 |
| 272 | - | - | - | - | - | - | - | 17.0 | - | 22.9 | 14.8 | 19.5 | 20.2 | 13.2 |
| 280 | - | - | - | - | - | - | - | 16.6 | - | 22.4 | 14.3 | 16.8 | 20.1 | 12.5 |
| 288 | - | - | - | - | - | - | - | - | 5.6 | 13.9 | - | 20.0 | 12.1 | 15.3 |
| 296 | - | - | - | - | - | - | - | - | - | 13.7 | - | 19.8 | 11.6 | - |
| 304 | - | - | - | - | - | - | - | - | - | 13.5 | - | 19.5 | 11.2 | - |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | 10.9 | - |
| 320 | - | - | - | - | - | - | - | - | - | - | - | - | 10.6 | - |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.3 |
| 344 | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.6 |

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

Max. capacities with minimum counterweight
Further counterweight configurations on request!

Operation

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | |
|---------------------|----------|------|------|---------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|--|--|--|
| 149.3 ft + 13.1 ft | | | | | | | | | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | | | |
| | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | | | |
| | 1,000 lb | | | | | | | | | | | | | | | | | | | | |
| 64 | 114.1 | - | - | 99.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 72 | 109.2 | - | - | 99.2 | - | - | 79.4 | - | - | 66.1 | - | - | - | - | - | - | - | - | | | |
| 80 | 102.6 | - | - | 95.1 | - | - | 79.2 | - | - | 66.1 | - | - | 57.3 | - | - | 50.7 | - | - | | | |
| 88 | 96.3 | - | - | 90.6 | - | - | 78.3 | - | - | 66.1 | - | - | 57.3 | - | - | 50.7 | - | - | | | |
| 96 | - | - | - | 86.8 | - | - | 77.2 | - | - | 66.1 | - | - | 57.3 | - | - | 50.7 | - | - | | | |
| 104 | - | - | - | 85.0 | - | - | 76.2 | - | - | 66.1 | - | - | 57.1 | - | - | 50.7 | - | - | | | |
| 112 | - | 67.1 | - | - | 63.7 | - | 75.0 | 60.4 | - | 66.1 | - | - | 57.1 | - | - | 50.7 | - | - | | | |
| 120 | - | - | - | - | 60.3 | - | 74.6 | 56.7 | - | 66.1 | - | - | 56.8 | - | - | 50.6 | - | - | | | |
| 128 | - | - | 50.5 | - | 57.5 | - | 73.9 | 53.6 | - | 65.9 | 51.2 | - | 56.5 | - | - | 50.5 | - | - | | | |
| 136 | - | - | 47.2 | - | 55.4 | 45.6 | - | 51.0 | - | 65.5 | 48.3 | - | 56.3 | 46.1 | - | 50.5 | - | - | | | |
| 144 | - | - | 37.2 | - | - | 43.3 | - | 49.2 | - | 65.1 | 46.0 | - | 55.8 | 43.5 | - | 50.3 | 42.2 | - | | | |
| 152 | - | - | - | - | - | 41.2 | - | 48.0 | 38.1 | - | 43.7 | - | 55.5 | 41.2 | - | 50.2 | 39.9 | - | | | |
| 160 | - | - | - | - | - | 29.7 | - | - | 36.2 | - | 42.3 | - | 55.0 | 39.1 | - | 50.0 | 37.9 | - | | | |
| 168 | - | - | - | - | - | - | - | - | 34.7 | - | 41.0 | 33.0 | - | 37.3 | - | 49.6 | 36.0 | - | | | |
| 176 | - | - | - | - | - | - | - | - | 33.7 | - | 40.0 | 31.5 | - | 35.9 | 28.9 | 49.2 | 34.4 | - | | | |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 30.3 | - | 34.9 | 27.4 | 47.5 | 33.0 | 26.8 | | | |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 18.0 | - | - | 26.0 | - | 32.0 | 25.3 | | | |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 16.8 | - | - | 24.8 | - | 31.0 | 23.9 | | | |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23.8 | - | 30.4 | 22.8 | | | |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23.0 | - | 30.0 | 21.9 | | | |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 21.1 | | | |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.4 | | | |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.7 | | | |

| ft | 196.9 ft | | 216.5 ft | | 236.2 ft | | 255.9 ft | | 275.6 ft | | 295.3 ft | | 315.0 ft | |
|-----|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
| | 1,000 lb | | | | | | | | | | | | | |
| 88 | 41.9 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 96 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | - | - | - | - | - |
| 104 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 23.2 | - | - | - | - |
| 112 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 22.9 | - | - | 17.6 | - |
| 120 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 22.6 | - | - | 17.6 | - |
| 128 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 22.5 | - | - | 17.6 | - |
| 136 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 22.3 | - | - | 17.6 | - |
| 144 | 41.9 | - | - | 32.4 | - | - | 25.4 | - | - | 22.1 | - | - | 17.6 | - |
| 152 | 41.9 | 36.9 | - | 32.4 | - | - | 25.4 | - | - | 22.0 | - | - | 17.6 | - |
| 160 | 41.9 | 35.5 | - | 32.4 | - | - | 25.4 | - | - | 22.0 | - | - | 17.6 | - |
| 168 | 41.9 | 34.2 | - | 32.4 | 32.1 | - | 25.4 | 24.2 | - | 22.0 | - | - | 17.6 | - |
| 176 | 41.9 | 33.0 | - | 32.4 | 30.6 | - | 25.4 | 23.9 | - | 22.0 | - | - | 17.6 | - |
| 184 | 41.9 | 31.9 | - | 32.4 | 29.4 | - | 25.4 | 23.6 | - | 22.0 | 24.2 | - | 17.6 | 16.5 |
| 192 | 41.9 | 30.9 | - | 32.4 | 28.2 | - | 25.4 | 23.3 | - | 22.0 | 23.4 | - | 17.6 | 16.5 |
| 200 | 41.9 | 29.9 | 23.2 | 32.4 | 27.1 | - | 25.4 | 22.9 | - | 22.0 | 22.6 | - | 17.6 | 16.5 |
| 208 | 41.9 | 29.1 | 22.0 | 32.4 | 26.1 | 20.3 | 25.4 | 22.5 | - | 22.0 | 21.8 | - | 17.6 | 16.5 |
| 216 | - | 28.3 | 20.8 | 32.4 | 25.2 | 19.0 | 25.4 | 22.1 | - | 22.0 | 21.0 | - | 17.6 | 16.5 |
| 224 | - | 27.7 | 19.8 | 30.4 | 24.4 | 17.8 | 25.4 | 21.7 | 16.2 | 22.0 | 20.3 | - | 17.6 | 16.5 |
| 232 | - | - | 19.0 | - | 23.7 | 16.7 | 25.4 | 21.3 | 14.9 | 22.0 | 19.6 | 11.7 | 17.6 | 16.5 |
| 240 | - | - | 18.3 | - | 23.1 | 15.9 | 25.4 | 20.9 | 13.8 | 22.0 | 19.0 | 10.9 | 17.6 | 16.5 |
| 248 | - | - | 17.6 | - | 22.7 | 15.2 | - | 20.4 | 12.9 | 22.0 | 18.4 | 10.1 | 17.6 | 16.4 |
| 256 | - | - | - | - | - | 14.5 | - | 19.8 | 12.1 | 22.0 | 17.9 | 9.5 | 17.6 | 16.1 |
| 264 | - | - | - | - | - | 14.0 | - | 19.2 | 11.4 | 19.1 | 17.3 | 8.9 | 17.6 | 16.1 |
| 272 | - | - | - | - | - | - | - | - | 10.9 | - | 16.8 | 8.5 | 17.4 | 15.3 |
| 280 | - | - | - | - | - | - | - | - | 10.5 | - | 16.4 | 8.2 | 16.9 | 15.1 |
| 288 | - | - | - | - | - | - | - | - | 10.2 | - | 16.0 | 7.9 | - | 14.7 |
| 296 | - | - | - | - | - | - | - | - | - | 7.5 | - | 14.3 | 7.0 | 14.0 |
| 304 | - | - | - | - | - | - | - | - | - | - | 7.3 | - | 13.9 | 7.0 |
| 312 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.6 |
| 320 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.3 |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.2 |
| 344 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.2 |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | |
|--------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|--|--|--|
| 165.7 ft + 13.1 ft | | | | | | | | | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | | | |
| | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | 83° | 73° | 65° | | | |
| 1,000 lb | | | | | | | | | | | | | | | | | | | | | |
| 64 | 83.8 | - | - | 72.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 72 | 82.7 | - | - | 69.5 | - | - | 58.6 | - | - | - | - | - | - | - | - | - | - | - | | | |
| 80 | 80.3 | - | - | 68.3 | - | - | 58.6 | - | - | 48.7 | - | - | 44.5 | - | - | - | - | - | | | |
| 88 | 78.5 | - | - | 68.3 | - | - | 58.5 | - | - | 48.7 | - | - | 44.5 | - | - | 37.7 | - | - | | | |
| 96 | - | - | - | 68.3 | - | - | 57.9 | - | - | 48.7 | - | - | 44.5 | - | - | 37.7 | - | - | | | |
| 104 | - | - | - | 67.4 | - | - | 57.6 | - | - | 48.7 | - | - | 44.3 | - | - | 37.7 | - | - | | | |
| 112 | - | 56.1 | - | - | 54.1 | - | 57.1 | - | - | 48.7 | - | - | 44.1 | - | - | 37.7 | - | - | | | |
| 120 | - | 53.2 | - | - | 51.1 | - | 56.9 | - | - | 48.7 | - | - | 43.5 | - | - | 37.5 | - | - | | | |
| 128 | - | - | - | - | 48.4 | - | 56.5 | 42.5 | - | 48.7 | - | - | 43.1 | - | - | 37.5 | - | - | | | |
| 136 | - | - | - | - | 46.0 | - | - | 40.4 | - | 48.6 | 38.0 | - | 42.7 | - | - | 37.5 | - | - | | | |
| 144 | - | - | 35.2 | - | 44.2 | - | - | 38.7 | - | 48.3 | 36.0 | - | 42.1 | 33.8 | - | 37.5 | - | - | | | |
| 152 | - | - | - | - | - | 35.0 | - | 37.1 | - | - | 34.2 | - | 41.8 | 31.7 | - | 37.4 | 30.4 | - | | | |
| 160 | - | - | - | - | - | 33.1 | - | 36.3 | 29.0 | - | 32.8 | - | 41.4 | 30.1 | - | 37.2 | 28.8 | - | | | |
| 168 | - | - | - | - | - | - | - | - | 27.6 | - | 31.6 | - | - | 28.5 | - | 36.9 | 27.3 | - | | | |
| 176 | - | - | - | - | - | - | - | 26.4 | - | - | 30.8 | 24.4 | - | 27.3 | - | 36.6 | 26.0 | - | | | |
| 184 | - | - | - | - | - | - | - | 20.6 | - | - | - | 23.3 | - | 26.3 | 21.0 | 36.5 | 24.9 | - | | | |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 22.3 | - | 25.5 | 19.8 | - | 23.8 | - | | | |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 21.5 | - | 24.9 | 18.8 | - | 23.0 | 17.9 | | | |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.8 | - | 22.4 | 16.9 | | | |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.0 | - | 21.9 | 15.9 | | | |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.7 | - | - | 15.1 | | | |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.4 | | | |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.0 | | | |

| ft | 196.9 ft | | 216.5 ft | | 236.2 ft | | 255.9 ft | | 275.6 ft | | 295.3 ft | | 315.0 ft | |
|-----|----------|------|----------|------|----------|---|----------|------|----------|------|----------|---|----------|---|
| | 1,000 lb | | | | | | | | | | | | | |
| 88 | 29.8 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 96 | 29.8 | - | - | 22.7 | - | - | - | - | - | - | - | - | - | - |
| 104 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | - | - | - | - | - |
| 112 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 14.3 | - | - | - | - |
| 120 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 14.3 | - | - | - | - |
| 128 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 14.2 | - | - | - | - |
| 136 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 14.1 | - | - | - | - |
| 144 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 14.1 | - | - | - | - |
| 152 | 29.8 | - | - | 22.7 | - | - | 17.2 | - | - | 13.9 | - | - | - | - |
| 160 | 29.8 | 26.3 | - | 22.7 | - | - | 17.2 | - | - | 13.9 | - | - | - | - |
| 168 | 29.8 | 25.3 | - | 22.7 | 22.6 | - | 17.2 | - | - | 13.9 | - | - | - | - |
| 176 | 29.8 | 24.2 | - | 22.7 | 21.7 | - | 17.2 | 16.5 | - | 13.9 | - | - | - | - |
| 184 | 29.8 | 23.1 | - | 22.7 | 20.7 | - | 17.2 | 16.2 | - | 13.9 | - | - | - | - |
| 192 | 29.8 | 22.1 | - | 22.7 | 19.6 | - | 17.2 | 15.8 | - | 13.9 | - | - | - | - |
| 200 | 29.8 | 21.3 | - | 22.7 | 18.7 | - | 17.2 | 15.5 | - | 13.9 | - | - | - | - |
| 208 | - | 20.6 | 15.8 | 22.7 | 17.8 | - | 17.2 | 15.2 | - | 13.9 | - | - | - | - |
| 216 | - | 20.1 | 14.8 | 22.7 | 17.0 | - | 17.2 | 14.8 | - | 13.9 | - | - | - | - |
| 224 | - | 19.6 | 14.0 | 22.7 | 16.5 | - | 17.2 | 14.4 | - | 13.9 | - | - | - | - |
| 232 | - | 19.1 | 13.3 | - | 15.9 | - | 17.2 | 14.0 | - | 13.9 | - | - | - | - |
| 240 | - | 18.7 | 12.6 | - | 15.4 | - | 17.2 | 13.8 | - | 13.9 | - | - | - | - |
| 248 | - | - | 12.1 | - | 14.9 | - | - | 13.4 | - | 13.9 | - | - | - | - |
| 256 | - | - | - | - | - | - | - | 13.0 | - | 13.9 | - | - | - | - |
| 264 | - | - | - | - | - | - | - | 12.7 | - | 13.9 | - | - | - | - |
| 272 | - | - | - | - | - | - | - | 12.4 | - | - | - | - | - | - |
| 280 | - | - | - | - | - | - | - | 12.0 | - | - | - | - | - | - |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | | | | | | | |
|--------------------|----------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|------|-------------|------|------|-------------|---|---|-------------|--|--|-------------|--|--|
| 182.1 ft + 13.1 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78.7 ft | | | | | | | | | | | | | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | |
| 83° 73° 65° | | | | | | | | | | | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | | 83° 73° 65° | | |
| ft | 1,000 lb | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 68.3 | - | - | 56.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 80 | 65.9 | - | - | 56.1 | - | - | 44.1 | - | - | 36.6 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 88 | 64.4 | - | - | 55.1 | - | - | 44.1 | - | - | 36.6 | - | - | 36.4 | - | - | - | - | - | - | - | - | - | | | | | |
| 96 | - | - | - | 53.9 | - | - | 44.1 | - | - | 36.6 | - | - | 36.4 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 104 | - | - | - | 52.8 | - | - | 44.1 | - | - | 36.6 | - | - | 36.2 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 112 | - | - | - | - | - | - | 44.1 | - | - | 36.6 | - | - | 35.9 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 120 | - | 44.1 | - | - | 39.8 | - | 44.1 | - | - | 36.6 | - | - | 35.1 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 128 | - | 41.9 | - | - | 37.6 | - | 44.1 | 34.8 | - | 36.6 | - | - | 34.4 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 136 | - | - | - | - | 35.7 | - | - | 33.1 | - | 36.6 | - | - | 33.7 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 144 | - | - | - | - | 34.4 | - | - | 31.6 | - | 36.6 | 29.2 | - | 33.1 | - | - | 28.4 | - | - | - | - | - | - | | | | | |
| 152 | - | - | 30.4 | - | - | - | - | 30.3 | - | - | 27.6 | - | 32.6 | 25.0 | - | 28.4 | - | - | - | - | - | - | | | | | |
| 160 | - | - | - | - | - | 26.4 | - | 29.4 | - | - | 26.3 | - | 32.1 | 23.5 | - | 28.4 | 22.1 | - | - | - | - | - | | | | | |
| 168 | - | - | - | - | - | 24.0 | - | - | - | - | 25.3 | - | - | 22.2 | - | 28.2 | 20.8 | - | - | - | - | - | | | | | |
| 176 | - | - | - | - | - | 22.3 | - | - | 21.7 | - | 24.4 | - | - | 21.1 | - | 28.0 | 19.6 | - | - | - | - | - | | | | | |
| 184 | - | - | - | - | - | - | - | - | 20.8 | - | 23.6 | 18.3 | - | 20.1 | - | 27.9 | 18.6 | - | - | - | - | - | | | | | |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 17.5 | - | 19.3 | - | - | 17.7 | - | - | - | - | - | | | | | |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 16.7 | - | 18.7 | 13.8 | - | 17.0 | - | - | - | - | - | | | | | |
| 208 | - | - | - | - | - | - | - | - | - | - | - | 12.5 | - | - | 13.3 | - | 16.4 | 12.1 | - | - | - | - | | | | | |
| 216 | - | - | - | - | - | - | - | - | - | - | - | 11.5 | - | - | 12.6 | - | 15.9 | 11.3 | - | - | - | - | | | | | |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12.1 | - | 13.2 | 10.6 | - | - | - | - | | | | | |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.0 | - | - | - | - | | | | | |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.4 | - | - | - | - | | | | | |

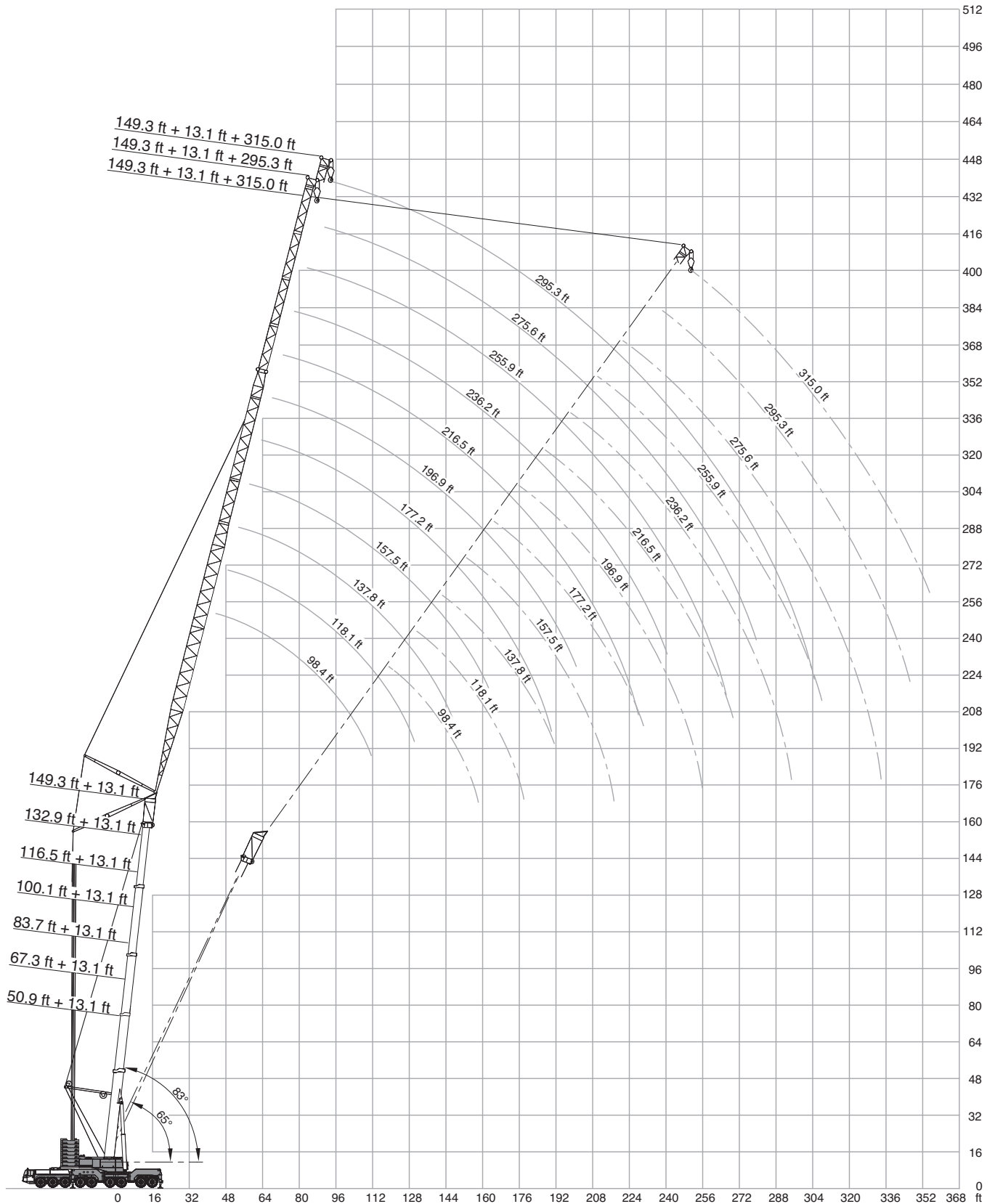
| 196.9 ft | | | | | | | | | | | | | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
|----------|----------|------|------|------|------|---|------|------|---|-----|---|---|----------|---|---|----------|---|---|----------|---|---|----------|--|--|----------|--|--|----------|--|--|
| ft | 1,000 lb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | 20.9 | - | - | 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 104 | 20.9 | - | - | 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 112 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 120 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 128 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 136 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 144 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 152 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 160 | 20.9 | - | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 168 | 20.9 | 18.9 | - | 15.4 | - | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 176 | 20.9 | 17.8 | - | 15.4 | 13.8 | - | 11.0 | - | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 184 | 20.9 | 16.9 | - | 15.4 | 13.0 | - | 11.0 | 10.6 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 192 | 20.9 | 16.1 | - | 15.4 | 12.2 | - | 11.0 | 10.2 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 200 | 20.9 | 15.3 | - | 15.4 | 11.5 | - | 11.0 | 9.7 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 208 | - | 14.6 | - | 15.4 | 10.9 | - | 11.0 | 9.2 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 216 | - | 13.9 | 10.2 | 15.4 | 10.2 | - | 11.0 | 8.8 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 224 | - | 13.5 | 9.4 | 15.4 | 9.5 | - | 11.0 | 8.6 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 232 | - | 13.1 | 8.7 | - | 8.9 | - | 11.0 | 8.3 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 240 | - | 12.7 | 8.1 | - | 8.3 | - | 11.0 | 7.9 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 248 | - | - | 7.7 | - | 7.9 | - | - | 7.5 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 256 | - | - | 7.3 | - | 7.0 | - | - | 7.3 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 264 | - | - | 6.9 | - | 6.4 | - | - | 7.0 | - | 7.3 | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 272 | - | - | - | - | - | - | - | 6.8 | - | - | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |
| 280 | - | - | - | - | - | - | - | 6.7 | - | - | - | - | 4.4 | - | - | - | - | - | - | - | - | - | | | | | | | | |

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°



Operation




WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--------------------|---------|-------|-------|----------|-------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
| 116.5 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | 196.6 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 56 | 202.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 64 | 196.2 | - | - | 174.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 72 | 182.2 | - | - | 170.9 | - | - | 146.6 | - | - | - | - | - | - | - | - | - | - | - |
| 80 | 169.8 | - | - | 163.0 | - | - | 146.2 | - | - | 125.9 | - | - | 107.6 | - | - | - | - | - |
| 88 | 157.3 | - | - | 152.9 | - | - | 142.6 | - | - | 122.6 | - | - | 104.9 | - | - | 88.4 | - | - |
| 96 | 146.6 | 134.4 | - | 143.3 | 116.2 | - | 136.5 | - | - | 119.2 | - | - | 102.2 | - | - | 86.8 | - | - |
| 104 | 134.9 | 127.6 | - | 134.4 | 112.8 | - | 129.8 | - | - | 116.1 | - | - | 100.5 | - | - | 85.0 | - | - |
| 112 | - | 120.5 | - | 125.1 | 109.3 | - | 123.1 | 98.5 | - | 112.2 | - | - | 98.0 | - | - | 83.7 | - | - |
| 120 | - | 111.7 | 103.4 | 112.9 | 105.0 | - | 116.4 | 98.0 | - | 108.5 | 78.3 | - | 95.3 | - | - | 82.4 | - | - |
| 128 | - | 69.4 | 96.2 | - | 100.1 | 94.1 | 109.1 | 96.8 | - | 104.7 | 78.3 | - | 93.1 | 66.1 | - | 80.5 | - | - |
| 136 | - | - | 89.8 | - | 94.0 | 88.0 | 97.0 | 93.5 | - | 100.1 | 78.3 | - | 91.0 | 66.1 | - | 78.6 | 59.5 | - |
| 144 | - | - | 84.2 | - | 87.8 | 82.3 | 80.1 | 88.0 | 80.3 | 94.0 | 77.4 | - | 87.3 | 66.1 | - | 77.2 | 59.5 | - |
| 152 | - | - | - | - | - | 77.4 | - | 82.6 | 75.2 | 82.1 | 76.1 | 73.5 | 84.2 | 66.0 | - | 75.7 | 59.5 | - |
| 160 | - | - | - | - | - | 72.9 | - | 77.7 | 70.8 | 69.9 | 72.8 | 69.0 | 77.1 | 65.3 | - | 73.0 | 59.5 | - |
| 168 | - | - | - | - | - | - | - | - | 66.9 | - | 69.6 | 65.1 | 67.1 | 64.0 | 63.6 | 70.3 | 59.3 | - |
| 176 | - | - | - | - | - | - | - | - | 63.2 | - | 66.4 | 61.4 | 58.0 | 61.8 | 60.0 | 67.6 | 58.7 | 59.1 |
| 184 | - | - | - | - | - | - | - | - | 33.7 | - | 37.8 | 58.1 | - | 59.5 | 56.8 | 60.8 | 57.0 | 56.1 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 55.0 | - | 57.3 | 53.7 | 53.2 | 55.4 | 53.0 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 52.2 | - | 55.2 | 51.0 | 45.2 | 53.5 | 50.2 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48.4 | - | 51.8 | 47.6 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 45.8 | - | 50.0 | 45.1 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 26.3 | 43.2 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 39.1 |

| ft | 216.5 ft | | 236.2 ft | | 255.9 ft | | 275.6 ft | | 295.3 ft | | 315.0 ft | | | |
|----------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|------|------|
| | 83°* | 73° | 83°* | 73° | 83°* | 73° | 83°* | 73° | 83°* | 73° | 83°* | 73° | | |
| 1,000 lb | | | | | | | | | | | | | | |
| 96 | 69.9 | - | 60.6 | - | - | - | - | - | - | - | - | - | | |
| 104 | 68.5 | - | 59.4 | - | 49.5 | - | - | - | - | - | - | - | | |
| 112 | 67.2 | - | 58.1 | - | 48.4 | - | 39.0 | - | 31.0 | - | - | - | | |
| 120 | 66.1 | - | 57.0 | - | 47.4 | - | 37.9 | - | 30.3 | - | 24.6 | - | | |
| 128 | 65.6 | - | 55.9 | - | 46.3 | - | 37.0 | - | 29.6 | - | 24.0 | - | | |
| 136 | 64.6 | - | 54.9 | - | 45.1 | - | 36.1 | - | 29.0 | - | 23.3 | - | | |
| 144 | 63.7 | 46.3 | 54.0 | - | 44.3 | - | 35.1 | - | 28.3 | - | 22.7 | - | | |
| 152 | 62.7 | 46.3 | 53.5 | 40.8 | 43.6 | - | 34.3 | - | 27.5 | - | 22.2 | - | | |
| 160 | 61.9 | 46.3 | 52.7 | 40.8 | 43.0 | 35.3 | - | 33.5 | - | 26.9 | - | 21.4 | - | |
| 168 | 60.9 | 46.3 | 51.9 | 40.8 | 42.3 | 35.3 | - | 32.7 | 28.7 | 26.1 | - | 20.9 | - | |
| 176 | 59.7 | 46.3 | 51.0 | 40.8 | 41.7 | 35.3 | - | 32.1 | 28.7 | 25.5 | - | 20.4 | - | |
| 184 | 58.6 | 46.1 | 50.1 | 40.8 | 41.0 | 35.3 | - | 31.3 | 28.7 | 24.8 | 22.9 | 19.7 | - | |
| 192 | 56.6 | 45.9 | 49.2 | 40.8 | 40.2 | 35.3 | - | 30.5 | 28.7 | 24.1 | 22.9 | 19.1 | 17.8 | |
| 200 | 50.9 | 45.2 | 48.1 | 40.6 | 39.4 | 35.3 | - | 29.8 | 28.7 | 23.3 | 22.7 | 18.5 | 17.6 | |
| 208 | 45.0 | 44.7 | 45.9 | 40.3 | 38.6 | 35.3 | 35.3 | 29.2 | 28.7 | 22.6 | 22.6 | 18.0 | 17.5 | |
| 216 | 38.8 | 44.1 | 43.4 | 39.7 | 37.8 | 35.1 | 35.3 | 28.5 | 28.7 | 22.1 | 22.5 | 17.5 | 17.2 | |
| 224 | - | 43.6 | 41.2 | 38.0 | 39.2 | 39.4 | 36.8 | 34.8 | 35.3 | 27.8 | 28.6 | 28.4 | 21.8 | 22.3 |
| 232 | - | 42.9 | 39.1 | 32.8 | 38.6 | 37.4 | 35.3 | 34.5 | 35.1 | 27.2 | 28.3 | 27.9 | 21.5 | 22.2 |
| 240 | - | 41.8 | 37.3 | 27.3 | 38.1 | 35.6 | 32.3 | 34.1 | 34.6 | 26.8 | 27.9 | 27.5 | 21.1 | 22.1 |
| 248 | - | - | 35.5 | - | 37.5 | 33.7 | 28.5 | 33.7 | 33.3 | 26.4 | 27.4 | 27.1 | 20.8 | 21.8 |
| 256 | - | - | - | 16.5 | 31.9 | - | 33.3 | 31.5 | 26.0 | 26.9 | 26.7 | 26.7 | 20.5 | 21.4 |
| 264 | - | - | - | - | 30.5 | - | 32.9 | 30.0 | 23.8 | 26.5 | 26.4 | 26.4 | 20.2 | 21.1 |
| 272 | - | - | - | - | 29.0 | - | 31.7 | 28.6 | 21.0 | 26.0 | 26.1 | 26.0 | 19.9 | 20.8 |
| 280 | - | - | - | - | - | - | 29.1 | 27.3 | 17.1 | 25.5 | 25.7 | 25.7 | 19.5 | 20.4 |
| 288 | - | - | - | - | - | - | - | 25.9 | - | 25.1 | 25.1 | 25.1 | 17.4 | 20.1 |
| 296 | - | - | - | - | - | - | - | - | 11.4 | 24.4 | - | 24.4 | - | 19.8 |
| 304 | - | - | - | - | - | - | - | - | - | 23.3 | - | 23.3 | - | 19.4 |
| 312 | - | - | - | - | - | - | - | - | - | 22.2 | - | 22.2 | - | 19.1 |
| 320 | - | - | - | - | - | - | - | - | - | - | - | 18.8 | 19.5 | 19.1 |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | 19.1 |
| 336 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 352 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Operation

WIHI-SSL 0°/60°

|  360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--|---------|-------|------|----------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
|  132.9 ft +  13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | 196.6 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 64 | 157.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 72 | 143.6 | - | - | 142.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | 133.9 | - | - | 131.7 | - | - | 128.4 | - | - | 117.8 | - | - | - | - | - | - | - | - |
| 88 | 124.7 | - | - | 121.8 | - | - | 119.2 | - | - | 111.7 | - | - | 100.1 | - | - | 84.0 | - | - |
| 96 | 116.0 | 116.5 | - | 113.8 | - | - | 111.2 | - | - | 106.3 | - | - | 96.7 | - | - | 82.0 | - | - |
| 104 | 107.0 | 109.4 | - | 105.7 | 93.9 | - | 104.4 | - | - | 101.0 | - | - | 94.0 | - | - | 80.6 | - | - |
| 112 | - | 102.1 | - | 98.8 | 92.3 | - | 97.7 | 78.5 | - | 94.5 | - | - | 90.2 | - | - | 79.3 | - | - |
| 120 | - | 95.8 | - | 91.0 | 90.4 | - | 91.3 | 78.2 | - | 89.1 | 64.4 | - | 86.1 | - | - | 77.6 | - | - |
| 128 | - | 89.5 | 92.3 | - | 87.4 | - | 85.9 | 78.0 | - | 83.7 | 64.4 | - | 81.5 | 55.6 | - | 74.9 | - | - |
| 136 | - | 82.4 | 87.5 | - | 82.1 | 84.5 | 79.8 | 77.9 | - | 79.2 | 64.4 | - | 77.0 | 55.6 | - | 72.3 | - | - |
| 144 | - | - | 82.3 | - | 76.7 | 80.2 | 74.1 | 74.7 | - | 74.1 | 64.4 | - | 72.9 | 55.6 | - | 69.6 | 48.3 | - |
| 152 | - | - | 46.3 | - | 52.4 | 75.3 | - | 70.8 | 72.3 | 69.8 | 64.0 | - | 68.9 | 55.6 | - | 66.9 | 48.3 | - |
| 160 | - | - | - | - | - | 71.0 | - | 66.5 | 68.7 | 64.9 | 61.6 | 63.3 | 65.1 | 55.6 | - | 64.1 | 48.3 | - |
| 168 | - | - | - | - | - | 38.8 | - | 43.7 | 65.1 | - | 59.2 | 61.5 | 61.6 | 54.5 | 55.2 | 61.0 | 48.3 | - |
| 176 | - | - | - | - | - | - | - | - | 61.4 | - | 56.6 | 59.4 | 57.7 | 52.5 | 54.0 | 57.8 | 48.3 | - |
| 184 | - | - | - | - | - | - | - | - | 58.1 | - | 53.9 | 56.3 | - | 50.4 | 52.4 | 54.6 | 47.1 | 47.8 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 53.2 | - | 48.5 | 51.0 | 50.9 | 45.7 | 47.0 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 50.5 | - | 46.3 | 49.0 | 45.8 | 44.1 | 46.3 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | 23.7 | - | 28.4 | 46.7 | - | 42.7 | 45.3 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | 44.3 | - | 41.1 | 43.6 | - |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | 42.3 | - | 39.5 | 41.6 | - |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 39.6 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 37.7 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.3 |



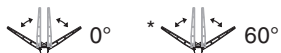
Max. capacities with minimum counterweight - Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--------------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
| 132.9 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 96 | 67.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 104 | 66.3 | - | - | 56.1 | - | - | 46.4 | - | - | - | - | - | - | - | - | - | - | - |
| 112 | 66.1 | - | - | 55.3 | - | - | 45.8 | - | - | 37.0 | - | - | - | - | - | - | - | - |
| 120 | 65.2 | - | - | 54.7 | - | - | 45.3 | - | - | 36.3 | - | - | 29.2 | - | - | - | - | - |
| 128 | 64.1 | - | - | 53.9 | - | - | 44.5 | - | - | 35.7 | - | - | 28.7 | - | - | 22.5 | - | - |
| 136 | 63.1 | - | - | 53.3 | - | - | 44.0 | - | - | 35.2 | - | - | 28.1 | - | - | 22.1 | - | - |
| 144 | 62.2 | - | - | 52.5 | - | - | 43.5 | - | - | 34.4 | - | - | 27.6 | - | - | 21.8 | - | - |
| 152 | 61.1 | 37.5 | - | 51.9 | - | - | 42.9 | - | - | 33.9 | - | - | 27.0 | - | - | 21.3 | - | - |
| 160 | 60.2 | 37.5 | - | 51.2 | 31.5 | - | 42.2 | - | - | 33.3 | - | - | 26.5 | - | - | 21.1 | - | - |
| 168 | 58.6 | 37.5 | - | 50.6 | 31.5 | - | 41.6 | 27.3 | - | 32.5 | - | - | 25.9 | - | - | 20.7 | - | - |
| 176 | 56.3 | 37.5 | - | 49.9 | 31.5 | - | 41.1 | 27.3 | - | 31.8 | 21.6 | - | 25.2 | - | - | 20.1 | - | - |
| 184 | 53.6 | 37.5 | - | 48.6 | 31.5 | - | 40.5 | 27.3 | - | 31.2 | 21.6 | - | 24.7 | 17.4 | - | 19.6 | - | - |
| 192 | 50.8 | 37.3 | 37.5 | 47.1 | 31.5 | - | 39.9 | 27.3 | - | 30.5 | 21.6 | - | 24.1 | 17.2 | - | 19.1 | 11.9 | - |
| 200 | 48.1 | 36.6 | 37.5 | 45.4 | 31.5 | - | 39.0 | 27.3 | - | 29.8 | 21.6 | - | 23.4 | 17.2 | - | 18.5 | 11.8 | - |
| 208 | 44.4 | 36.1 | 37.5 | 43.8 | 31.2 | 31.5 | 38.1 | 27.3 | - | 29.2 | 21.6 | - | 22.8 | 17.0 | - | 18.0 | 11.5 | - |
| 216 | 40.0 | 35.5 | 37.5 | 42.2 | 30.9 | 31.5 | 37.3 | 27.3 | 27.3 | 28.5 | 21.6 | - | 22.1 | 17.0 | - | 17.5 | 11.3 | - |
| 224 | - | 34.8 | 37.0 | 38.3 | 30.4 | 31.5 | 36.5 | 27.1 | 27.3 | 27.8 | 21.6 | - | 21.5 | 16.8 | - | 16.9 | 11.0 | - |
| 232 | - | 34.2 | 36.2 | 33.9 | 30.1 | 31.4 | 35.2 | 26.8 | 27.3 | 27.1 | 21.5 | 21.3 | 21.0 | 16.7 | - | 16.4 | 10.9 | - |
| 240 | - | 33.5 | 35.0 | 28.5 | 29.7 | 31.2 | 32.8 | 26.5 | 27.3 | 26.5 | 21.3 | 21.0 | 20.5 | 16.5 | 16.4 | 16.0 | 10.7 | - |
| 248 | - | 18.5 | 33.7 | - | 29.3 | 30.6 | 29.2 | 26.3 | 27.2 | 25.9 | 21.0 | 20.9 | 19.9 | 16.4 | 16.2 | 15.6 | 10.4 | - |
| 256 | - | - | 32.4 | - | 28.9 | 29.8 | - | 26.0 | 27.1 | 25.3 | 20.7 | 20.7 | 19.4 | 16.3 | 16.1 | 15.2 | 10.4 | 10.8 |
| 264 | - | - | 30.9 | - | 28.6 | 28.8 | - | 25.7 | 26.4 | 23.9 | 20.6 | 20.5 | 19.0 | 16.0 | 16.0 | 14.8 | 10.1 | 10.7 |
| 272 | - | - | - | - | - | 27.7 | - | 25.5 | 25.8 | 21.5 | 20.4 | 20.2 | 18.6 | 15.8 | 15.8 | 14.4 | 9.9 | 10.5 |
| 280 | - | - | - | - | - | 26.4 | - | 25.2 | 25.3 | 17.8 | 20.1 | 20.1 | 18.2 | 15.7 | 15.7 | 14.0 | 9.7 | 10.4 |
| 288 | - | - | - | - | - | 6.7 | - | 11.8 | 24.4 | - | 19.9 | 20.0 | 16.8 | 15.6 | 15.6 | 13.7 | 9.6 | 10.2 |
| 296 | - | - | - | - | - | - | - | - | 23.5 | - | 19.6 | 19.8 | - | 15.4 | 15.4 | 13.4 | 9.5 | 9.9 |
| 304 | - | - | - | - | - | - | - | - | 22.3 | - | 19.4 | 19.6 | - | 15.3 | 15.3 | 13.2 | 9.3 | 9.8 |
| 312 | - | - | - | - | - | - | - | - | - | - | - | 19.6 | - | 15.2 | 15.2 | 11.9 | 9.2 | 9.6 |
| 320 | - | - | - | - | - | - | - | - | - | - | - | 19.4 | - | 15.0 | 15.0 | 9.3 | 8.9 | 9.5 |
| 328 | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.9 | - | 8.7 | 9.3 | - |
| 336 | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.7 | - | 8.6 | 9.0 | - |
| 344 | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.6 | - | 8.4 | 8.8 | - |
| 352 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.7 | - |
| 360 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.4 | - |






Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°

|  360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--|---------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
|  149.3 ft +  13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | 196.6 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 64 | 146.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 72 | 139.1 | - | - | 132.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | 129.5 | - | - | 123.3 | - | - | 117.8 | - | - | - | - | - | - | - | - | - | - | - |
| 88 | 120.7 | - | - | 115.7 | - | - | 110.2 | - | - | 102.9 | - | - | 92.3 | - | - | - | - | - |
| 96 | 112.7 | - | - | 109.0 | - | - | 104.1 | - | - | 97.5 | - | - | 88.3 | - | - | 75.4 | - | - |
| 104 | 104.6 | 96.0 | - | 102.1 | - | - | 98.8 | - | - | 92.2 | - | - | 85.2 | - | - | 74.2 | - | - |
| 112 | - | 91.9 | - | 95.5 | 78.4 | - | 93.4 | - | - | 88.0 | - | - | 81.4 | - | - | 72.7 | - | - |
| 120 | - | 87.1 | - | 88.8 | 77.1 | - | 88.0 | 65.9 | - | 83.9 | - | - | 78.4 | - | - | 71.3 | - | - |
| 128 | - | 82.0 | - | 82.1 | 75.3 | - | 82.6 | 65.5 | - | 79.9 | 57.3 | - | 74.9 | - | - | 69.4 | - | - |
| 136 | - | 76.2 | 74.6 | - | 72.7 | - | 78.1 | 65.1 | - | 75.9 | 57.3 | - | 72.3 | 50.7 | - | 67.5 | - | - |
| 144 | - | - | 71.1 | - | 69.0 | - | 72.0 | 63.8 | - | 71.8 | 57.3 | - | 68.5 | 50.7 | - | 65.8 | 39.9 | - |
| 152 | - | - | 67.4 | - | 64.7 | 66.8 | - | 62.0 | - | 67.8 | 57.2 | - | 65.7 | 50.7 | - | 63.6 | 39.9 | - |
| 160 | - | - | 41.0 | - | - | 63.6 | - | 58.9 | 62.0 | 63.5 | 56.0 | - | 62.7 | 50.7 | - | 61.2 | 39.9 | - |
| 168 | - | - | - | - | - | 60.2 | - | 55.9 | 59.2 | - | 54.0 | 56.4 | 59.4 | 50.3 | - | 58.5 | 39.9 | - |
| 176 | - | - | - | - | - | 56.7 | - | 52.9 | 56.4 | - | 51.1 | 53.5 | 56.0 | 49.3 | - | 55.5 | 39.9 | - |
| 184 | - | - | - | - | - | - | - | - | 53.5 | - | 48.2 | 50.6 | 49.4 | 47.3 | 48.9 | 52.7 | 39.5 | - |
| 192 | - | - | - | - | - | - | - | - | 27.2 | - | - | 47.8 | - | 45.2 | 47.0 | 49.8 | 39.0 | 39.8 |
| 200 | - | - | - | - | - | - | - | - | 25.6 | - | - | 45.3 | - | 43.0 | 45.1 | 46.7 | 37.9 | 39.6 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | 42.9 | - | 40.7 | 43.1 | - | 37.0 | 39.2 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | 40.5 | - | 38.5 | 40.9 | - | 36.0 | 38.8 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | 38.8 | - | 34.9 | 37.8 | - |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.8 | - | - | - | 36.3 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 34.7 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 33.2 |





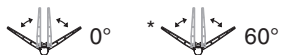
Max. capacities with minimum counterweight - Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--|----------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|-----|-----|----------|-----|-----|
|  149.3 ft +  13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 104 | 62.7 | - | - | 53.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 112 | 62.4 | - | - | 52.7 | - | - | 43.2 | - | - | - | - | - | - | - | - | - | - | - |
| 120 | 61.8 | - | - | 52.2 | - | - | 42.9 | - | - | 34.9 | - | - | 27.4 | - | - | - | - | - |
| 128 | 61.2 | - | - | 51.9 | - | - | 42.4 | - | - | 34.4 | - | - | 27.0 | - | - | 21.3 | - | - |
| 136 | 60.5 | - | - | 51.5 | - | - | 42.2 | - | - | 34.0 | - | - | 26.7 | - | - | 21.0 | - | - |
| 144 | 59.4 | - | - | 51.2 | - | - | 41.9 | - | - | 33.5 | - | - | 26.5 | - | - | 20.7 | - | - |
| 152 | 58.2 | 32.4 | - | 50.6 | - | - | 41.4 | - | - | 33.0 | - | - | 26.2 | - | - | 20.5 | - | - |
| 160 | 57.0 | 32.4 | - | 50.1 | - | - | 41.1 | - | - | 32.5 | - | - | 25.9 | - | - | 20.4 | - | - |
| 168 | 55.6 | 32.4 | - | 49.6 | 25.4 | - | 40.6 | 20.5 | - | 31.9 | - | - | 25.5 | - | - | 20.1 | - | - |
| 176 | 54.0 | 32.4 | - | 49.0 | 25.4 | - | 40.2 | 20.5 | - | 31.4 | - | - | 25.0 | - | - | 19.9 | - | - |
| 184 | 51.6 | 32.4 | - | 48.0 | 25.4 | - | 39.7 | 20.5 | - | 30.7 | 14.3 | - | 24.5 | - | - | 19.5 | - | - |
| 192 | 49.1 | 32.4 | - | 46.7 | 25.4 | - | 39.1 | 20.5 | - | 30.1 | 14.3 | - | 23.9 | 9.9 | - | 19.1 | - | - |
| 200 | 46.5 | 32.2 | - | 44.6 | 25.4 | - | 38.6 | 20.5 | - | 29.6 | 14.3 | - | 23.2 | 9.9 | - | 18.5 | 5.5 | - |
| 208 | 43.8 | 32.0 | 32.4 | 42.4 | 25.4 | - | 37.8 | 20.5 | - | 28.9 | 14.3 | - | 22.6 | 9.9 | - | 18.0 | 5.5 | - |
| 216 | 41.0 | 31.8 | 32.4 | 40.3 | 25.4 | 25.4 | 36.9 | 20.5 | - | 28.3 | 14.3 | - | 22.1 | 9.9 | - | 17.5 | 5.5 | - |
| 224 | 34.3 | 31.5 | 32.4 | 38.0 | 25.4 | 25.4 | 35.9 | 20.5 | 19.8 | 27.7 | 14.3 | - | 21.5 | 9.9 | - | 16.9 | 5.5 | - |
| 232 | - | 31.2 | 32.2 | 34.8 | 25.4 | 25.4 | 34.8 | 20.5 | 19.8 | 27.1 | 14.3 | - | 21.0 | 9.9 | - | 16.4 | 5.5 | - |
| 240 | - | 31.0 | 31.5 | 29.4 | 25.4 | 25.4 | 33.2 | 20.5 | 19.8 | 26.5 | 14.3 | 14.3 | 20.5 | 9.9 | - | 16.0 | 5.5 | - |
| 248 | - | 30.6 | 30.6 | - | 25.4 | 25.2 | 29.8 | 20.5 | 19.8 | 25.9 | 14.3 | 14.3 | 20.0 | 9.9 | 9.9 | 15.6 | 5.5 | - |
| 256 | - | - | 29.5 | - | 25.4 | 24.9 | 25.5 | 20.5 | 19.8 | 25.3 | 14.3 | 14.3 | 19.6 | 9.9 | 9.9 | 15.2 | 5.5 | 5.5 |
| 264 | - | - | 28.5 | - | 25.4 | 24.6 | 20.7 | 20.5 | 19.8 | 24.1 | 14.3 | 14.3 | 19.1 | 9.9 | 9.9 | 14.8 | 5.5 | 5.5 |
| 272 | - | - | 8.6 | - | - | 24.3 | - | 20.5 | 19.8 | 22.0 | 14.3 | 14.3 | 18.6 | 9.9 | 9.9 | 14.4 | 5.5 | 5.5 |
| 280 | - | - | - | - | - | 23.9 | - | 20.5 | 19.8 | 18.2 | 14.3 | 14.3 | 18.2 | 9.9 | 9.9 | 14.0 | 5.5 | 5.5 |
| 288 | - | - | - | - | - | 23.3 | - | 20.5 | 19.8 | - | 14.3 | 14.3 | 17.0 | 9.9 | 9.9 | 13.7 | 5.5 | 5.5 |
| 296 | - | - | - | - | - | - | - | - | 19.8 | - | 14.3 | 14.3 | 15.3 | 9.9 | 9.9 | 13.4 | 5.5 | 5.5 |
| 304 | - | - | - | - | - | - | - | - | 19.8 | - | 14.3 | 14.3 | 11.8 | 9.9 | 9.9 | 13.2 | 5.5 | 5.5 |
| 312 | - | - | - | - | - | - | - | - | - | - | - | 14.3 | - | 9.9 | 9.9 | 11.9 | 5.5 | 5.5 |
| 320 | - | - | - | - | - | - | - | - | - | - | - | 14.3 | - | 9.9 | 9.9 | 9.5 | 5.5 | 5.5 |
| 328 | - | - | - | - | - | - | - | - | - | - | - | 14.3 | - | 9.9 | 9.9 | - | 5.5 | 5.5 |
| 336 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.9 | - | 5.5 | 5.5 |
| 344 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.9 | - | 5.5 | 5.5 |
| 352 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.5 |
| 360 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.5 |
| 368 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.5 |





Max. capacities with minimum counterweight · Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--|---------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
|  165.7 ft +  13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | 196.6 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 72 | 111.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | 103.7 | - | - | 99.0 | - | - | 95.9 | - | - | - | - | - | - | - | - | - | - | - |
| 88 | 96.9 | - | - | 91.9 | - | - | 89.2 | - | - | 83.1 | - | - | - | - | - | - | - | - |
| 96 | 90.9 | - | - | 86.8 | - | - | 83.2 | - | - | 78.0 | - | - | 73.6 | - | - | 65.3 | - | - |
| 104 | 85.5 | - | - | 82.2 | - | - | 78.6 | - | - | 73.4 | - | - | 69.8 | - | - | 63.3 | - | - |
| 112 | - | 67.9 | - | 78.0 | 58.5 | - | 74.7 | - | - | 69.2 | - | - | 66.0 | - | - | 61.2 | - | - |
| 120 | - | 63.9 | - | 72.9 | 56.7 | - | 70.7 | - | - | 65.6 | - | - | 62.9 | - | - | 59.0 | - | - |
| 128 | - | 60.1 | - | 68.9 | 54.8 | - | 67.2 | 48.1 | - | 63.0 | - | - | 59.7 | - | - | 56.8 | - | - |
| 136 | - | 56.4 | - | - | 52.7 | - | 64.1 | 47.4 | - | 60.0 | 43.7 | - | 57.0 | - | - | 54.5 | - | - |
| 144 | - | 52.8 | 53.0 | - | 50.2 | - | 60.6 | 46.6 | - | 57.2 | 42.6 | - | 54.4 | 37.3 | - | 52.1 | - | - |
| 152 | - | - | 50.4 | - | 47.2 | 47.1 | - | 45.5 | - | 54.5 | 41.7 | - | 51.7 | 36.7 | - | 49.9 | 29.1 | - |
| 160 | - | - | 47.9 | - | 44.3 | 44.7 | - | 43.0 | - | 51.8 | 40.7 | - | 49.6 | 36.2 | - | 47.6 | 29.1 | - |
| 168 | - | - | - | - | - | 42.4 | - | 40.7 | 40.1 | - | 39.1 | - | 47.5 | 35.7 | - | 45.7 | 29.1 | - |
| 176 | - | - | - | - | - | 40.2 | - | 38.3 | 38.2 | - | 37.1 | 35.9 | 45.5 | 35.1 | - | 43.9 | 29.1 | - |
| 184 | - | - | - | - | - | 30.4 | - | - | 36.3 | - | 35.2 | 34.1 | 43.0 | 33.7 | 31.9 | 42.0 | 29.1 | - |
| 192 | - | - | - | - | - | - | - | - | 34.4 | - | 33.1 | 32.5 | - | 32.0 | 30.6 | 40.2 | 28.9 | - |
| 200 | - | - | - | - | - | - | - | - | 32.7 | - | 31.1 | 30.9 | - | 30.2 | 29.1 | 38.3 | 27.8 | 27.7 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | 29.4 | - | 28.6 | 27.7 | - | 26.7 | 26.5 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | 27.9 | - | 27.0 | 26.3 | - | 25.4 | 25.2 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | 17.5 | - | - | 25.2 | - | 24.4 | 24.1 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23.9 | - | 23.3 | 22.8 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 22.7 | - | 22.2 | 21.8 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20.7 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.2 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.5 |





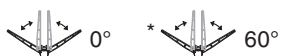
Max. capacities with minimum counterweight · Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | | | | | | | |
|--|----------|------|------|----------|------|------|----------|------|------|----------|-----|-----|------------|-----|-----|----------|-----|-----|--|--|--|--|--|--|
|  165.7 ft +  13.1 ft | | | | | | | | | | | | | | | | | | | | | | | | |
| ft | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | | | | | | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | | | | | | |
| 1,000 lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 56.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| 112 | 54.3 | - | - | 44.3 | - | - | 37.2 | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| 120 | 52.5 | - | - | 43.2 | - | - | 36.7 | - | - | 30.4 | - | - | - | - | - | - | - | - | | | | | | |
| 128 | 50.8 | - | - | 42.3 | - | - | 36.2 | - | - | 30.0 | - | - | 23.5 | - | - | - | - | - | | | | | | |
| 136 | 49.1 | - | - | 41.2 | - | - | 35.6 | - | - | 29.6 | - | - | 23.2 | - | - | - | - | - | | | | | | |
| 144 | 47.3 | - | - | 40.4 | - | - | 35.1 | - | - | 29.3 | - | - | 23.1 | - | - | - | - | - | | | | | | |
| 152 | 45.4 | - | - | 39.3 | - | - | 34.3 | - | - | 28.8 | - | - | 22.9 | - | - | - | - | - | | | | | | |
| 160 | 43.5 | 21.4 | - | 38.2 | - | - | 33.8 | - | - | 28.6 | - | - | 22.8 | - | - | - | - | - | | | | | | |
| 168 | 41.6 | 21.4 | - | 37.2 | 15.7 | - | 33.2 | - | - | 28.2 | - | - | 22.6 | - | - | - | - | - | | | | | | |
| 176 | 39.7 | 21.4 | - | 36.1 | 15.7 | - | 32.5 | 12.6 | - | 27.6 | - | - | 22.3 | - | - | - | - | - | | | | | | |
| 184 | 38.3 | 21.4 | - | 35.0 | 15.7 | - | 31.8 | 12.6 | - | 27.2 | 9.5 | - | 22.0 | - | - | - | - | - | | | | | | |
| 192 | 37.0 | 21.4 | - | 33.9 | 15.7 | - | 31.2 | 12.6 | - | 26.8 | 9.5 | - | 21.8 | - | - | - | - | - | | | | | | |
| 200 | 35.6 | 21.4 | - | 32.9 | 15.7 | - | 30.5 | 12.6 | - | 26.2 | 9.5 | - | 21.5 | - | - | - | - | - | | | | | | |
| 208 | 34.1 | 21.1 | 21.2 | 31.8 | 15.7 | - | 29.7 | 12.6 | - | 25.8 | 9.5 | - | 21.2 | - | - | - | - | - | | | | | | |
| 216 | 32.5 | 20.5 | 20.8 | 30.7 | 15.7 | - | 28.9 | 12.6 | - | 25.4 | 9.5 | - | 20.8 | - | - | - | - | - | | | | | | |
| 224 | 30.8 | 20.0 | 20.5 | 29.6 | 15.4 | 15.7 | 28.0 | 12.6 | - | 24.7 | 9.5 | - | 20.5 | - | - | - | - | - | | | | | | |
| 232 | - | 19.5 | 20.1 | 28.4 | 15.4 | 15.7 | 27.1 | 12.6 | 12.6 | 24.1 | 9.5 | - | 20.2 | - | - | - | - | - | | | | | | |
| 240 | - | 18.9 | 19.6 | 27.0 | 15.1 | 15.7 | 26.3 | 12.6 | 12.6 | 23.6 | 9.5 | - | 19.8 | - | - | - | - | - | | | | | | |
| 248 | - | 18.4 | 18.8 | - | 14.9 | 15.7 | 25.2 | 12.5 | 12.6 | 23.0 | 9.5 | 9.5 | 19.4 | - | - | - | - | - | | | | | | |
| 256 | - | - | 17.8 | - | 14.8 | 15.6 | 24.0 | 12.3 | 12.6 | 22.5 | 9.5 | 9.5 | 19.2 | - | - | - | - | - | | | | | | |
| 264 | - | - | 16.9 | - | 14.5 | 15.0 | 20.6 | 12.2 | 12.6 | 21.8 | 9.5 | 9.5 | 18.8 | - | - | - | - | - | | | | | | |
| 272 | - | - | 16.0 | - | 14.3 | 14.3 | - | 12.1 | 12.4 | 20.5 | 9.5 | 9.5 | 18.4 | - | - | - | - | - | | | | | | |
| 280 | - | - | 15.0 | - | 14.1 | 13.4 | - | 11.9 | 12.0 | 18.3 | 9.5 | 9.5 | 18.0 | - | - | - | - | - | | | | | | |
| 288 | - | - | - | - | - | 12.7 | - | 11.8 | 11.5 | - | 9.5 | 9.3 | 17.0 | - | - | - | - | - | | | | | | |
| 296 | - | - | - | - | - | - | - | - | 11.0 | - | 9.5 | 9.0 | 15.6 | - | - | - | - | - | | | | | | |
| 304 | - | - | - | - | - | - | - | - | 10.4 | - | 9.5 | 8.7 | 12.2 | - | - | - | - | - | | | | | | |
| 312 | - | - | - | - | - | - | - | - | 9.9 | - | 9.5 | 8.5 | - | - | - | - | - | - | | | | | | |
| 320 | - | - | - | - | - | - | - | - | 9.4 | - | - | 8.3 | - | - | - | - | - | - | | | | | | |
| 328 | - | - | - | - | - | - | - | - | - | - | - | 7.9 | - | - | - | - | - | - | | | | | | |



Max. capacities with minimum counterweight · Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--------------------|---------|------|------|----------|------|------|----------|------|------|----------|------|------|------------|------|------|----------|------|------|
| 182.1 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 98.4 ft | | | 118.1 ft | | | 137.8 ft | | | 157.5 ft | | | 177.2 ft | | | 196.6 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 72 | 87.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | 80.7 | - | - | 76.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 88 | 75.3 | - | - | 70.9 | - | - | 68.5 | - | - | - | - | - | - | - | - | - | - | - |
| 96 | 71.1 | - | - | 66.9 | - | - | 64.1 | - | - | 60.0 | - | - | 53.9 | - | - | - | - | - |
| 104 | 67.6 | - | - | 63.7 | - | - | 60.6 | - | - | 56.2 | - | - | 51.3 | - | - | 47.0 | - | - |
| 112 | - | 53.7 | - | 60.5 | - | - | 57.2 | - | - | 52.6 | - | - | 48.4 | - | - | 44.9 | - | - |
| 120 | - | 52.9 | - | 58.6 | 41.9 | - | 54.4 | - | - | 50.2 | - | - | 45.9 | - | - | 42.7 | - | - |
| 128 | - | 51.7 | - | 57.0 | 41.9 | - | 52.0 | 34.6 | - | 47.9 | - | - | 43.5 | - | - | 40.7 | - | - |
| 136 | - | 49.6 | - | - | 41.9 | - | 50.4 | 34.6 | - | 45.5 | - | - | 41.6 | - | - | 38.9 | - | - |
| 144 | - | 47.1 | - | - | 41.3 | - | 49.0 | 34.6 | - | 43.9 | 30.4 | - | 39.8 | - | - | 37.3 | - | - |
| 152 | - | - | 44.7 | - | 40.3 | - | - | 34.5 | - | 42.8 | 30.2 | - | 38.0 | 25.4 | - | 35.7 | - | - |
| 160 | - | - | 42.4 | - | 38.9 | - | - | 34.0 | - | 41.5 | 29.8 | - | 36.9 | 25.4 | - | 34.2 | 19.4 | - |
| 168 | - | - | 34.7 | - | - | 37.6 | - | 33.3 | - | - | 29.3 | - | 35.9 | 25.4 | - | 33.0 | 19.4 | - |
| 176 | - | - | 32.5 | - | - | 35.8 | - | 32.5 | 32.7 | - | 28.7 | - | 35.0 | 25.4 | - | 31.9 | 19.4 | - |
| 184 | - | - | - | - | - | 34.1 | - | 31.7 | 31.7 | - | 28.0 | 28.4 | 34.1 | 25.1 | - | 30.8 | 19.4 | - |
| 192 | - | - | - | - | - | - | - | - | 30.6 | - | 27.4 | 27.5 | - | 24.8 | - | 29.8 | 19.4 | - |
| 200 | - | - | - | - | - | - | - | - | 29.2 | - | 26.6 | 26.6 | - | 24.3 | 24.5 | 28.8 | 19.4 | - |
| 208 | - | - | - | - | - | - | - | - | 21.1 | - | - | 25.6 | - | 23.7 | 23.6 | - | 19.4 | 19.4 |
| 216 | - | - | - | - | - | - | - | - | 19.7 | - | - | 24.5 | - | 23.2 | 22.6 | - | 19.4 | 19.4 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | 23.2 | - | 21.5 | 21.7 | - | 19.4 | 19.4 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20.7 | - | 19.4 | 19.3 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19.7 | - | 19.4 | 18.9 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.0 | - | - | 18.2 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.4 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16.6 |



Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°

| 360° | | | | | | | | | | | | | ASME B30.5 | | | | | |
|--------------------|----------|------|------|----------|------|-----|----------|-----|-----|----------|-----|-----|------------|-----|-----|----------|-----|-----|
| 182.1 ft + 13.1 ft | | | | | | | | | | | | | | | | | | |
| ft | 216.5 ft | | | 236.2 ft | | | 255.9 ft | | | 275.6 ft | | | 295.3 ft | | | 315.0 ft | | |
| | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° | 83°* | 73° | 65° |
| 1,000 lb | | | | | | | | | | | | | | | | | | |
| 112 | 39.8 | - | - | 35.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 120 | 38.0 | - | - | 33.6 | - | - | 29.9 | - | - | - | - | - | - | - | - | - | - | - |
| 128 | 36.3 | - | - | 32.1 | - | - | 28.9 | - | - | 23.8 | - | - | 17.9 | - | - | - | - | - |
| 136 | 34.5 | - | - | 30.7 | - | - | 27.6 | - | - | 23.1 | - | - | 17.9 | - | - | - | - | - |
| 144 | 33.1 | - | - | 29.2 | - | - | 26.5 | - | - | 22.5 | - | - | 17.6 | - | - | - | - | - |
| 152 | 31.8 | - | - | 27.9 | - | - | 25.4 | - | - | 22.0 | - | - | 17.4 | - | - | - | - | - |
| 160 | 30.7 | - | - | 27.0 | - | - | 24.4 | - | - | 21.4 | - | - | 17.3 | - | - | - | - | - |
| 168 | 29.5 | 14.3 | - | 26.1 | - | - | 23.6 | - | - | 20.7 | - | - | 17.1 | - | - | - | - | - |
| 176 | 28.4 | 14.3 | - | 25.3 | 11.0 | - | 22.8 | - | - | 20.3 | - | - | 17.0 | - | - | - | - | - |
| 184 | 27.5 | 14.3 | - | 24.3 | 11.0 | - | 22.0 | 7.3 | - | 19.8 | - | - | 16.7 | - | - | - | - | - |
| 192 | 26.7 | 14.3 | - | 23.4 | 11.0 | - | 21.2 | 7.3 | - | 19.3 | - | - | 16.5 | - | - | - | - | - |
| 200 | 25.9 | 14.3 | - | 22.8 | 11.0 | - | 20.6 | 7.3 | - | 18.7 | - | - | 16.2 | - | - | - | - | - |
| 208 | 25.2 | 14.3 | - | 22.1 | 11.0 | - | 20.0 | 7.3 | - | 18.3 | - | - | 15.9 | - | - | - | - | - |
| 216 | 24.5 | 14.3 | - | 21.4 | 11.0 | - | 19.4 | 7.3 | - | 17.9 | - | - | 15.5 | - | - | - | - | - |
| 224 | 23.6 | 14.3 | 14.1 | 20.8 | 11.0 | - | 18.8 | 7.3 | - | 17.4 | - | - | 15.2 | - | - | - | - | - |
| 232 | - | 14.3 | 13.8 | 20.1 | 11.0 | 8.8 | 18.1 | 7.3 | - | 16.8 | - | - | 14.9 | - | - | - | - | - |
| 240 | - | 14.3 | 13.5 | 19.4 | 11.0 | 8.8 | 17.6 | 7.3 | 7.3 | 16.3 | - | - | 14.5 | - | - | - | - | - |
| 248 | - | 14.3 | 13.3 | - | 11.0 | 8.8 | 17.1 | 7.3 | 7.3 | 15.7 | - | - | 14.1 | - | - | - | - | - |
| 256 | - | 14.1 | 13.0 | - | 11.0 | 8.8 | 16.5 | 7.3 | 7.3 | 15.2 | - | - | 13.7 | - | - | - | - | - |
| 264 | - | 13.3 | 12.6 | - | 11.0 | 8.8 | 16.0 | 7.3 | 7.3 | 14.8 | - | - | 13.1 | - | - | - | - | - |
| 272 | - | - | 12.2 | - | 11.0 | 8.8 | - | 7.3 | 7.3 | 14.4 | - | - | 12.6 | - | - | - | - | - |
| 280 | - | - | 11.8 | - | 11.0 | 8.8 | - | 7.3 | 7.3 | 13.8 | - | - | 12.2 | - | - | - | - | - |
| 288 | - | - | - | - | - | 8.8 | - | 7.3 | 7.2 | - | - | - | 11.8 | - | - | - | - | - |
| 296 | - | - | - | - | - | 8.8 | - | 7.3 | 7.0 | - | - | - | 11.4 | - | - | - | - | - |
| 304 | - | - | - | - | - | 8.8 | - | 7.3 | 6.9 | - | - | - | 11.0 | - | - | - | - | - |
| 312 | - | - | - | - | - | - | - | - | 6.8 | - | - | - | - | - | - | - | - | - |
| 320 | - | - | - | - | - | - | - | - | 6.6 | - | - | - | - | - | - | - | - | - |



Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

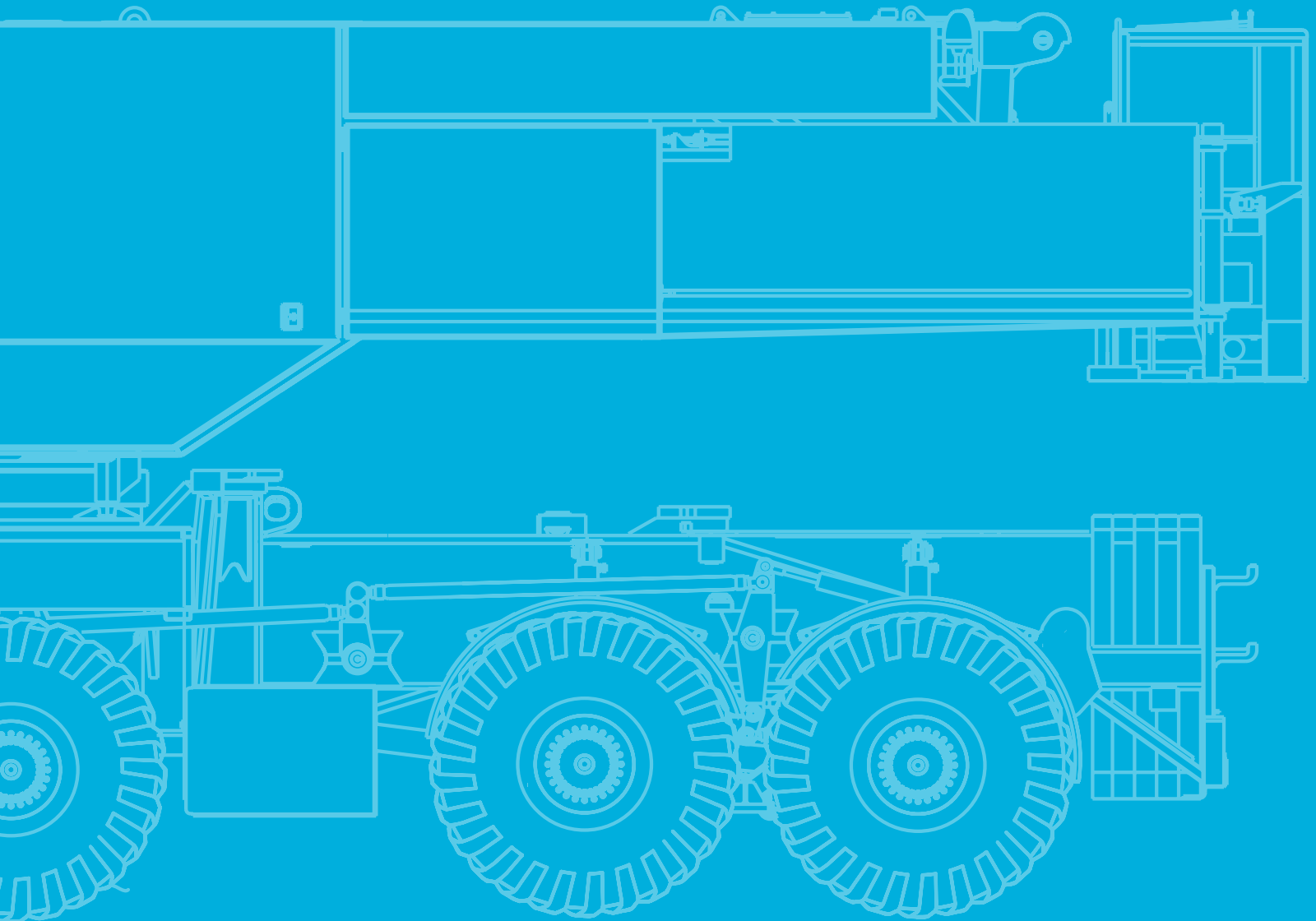
Notes to Lifting Capacity

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.

TECHNICAL DESCRIPTION



Technical Description

Basic machine

Equipment carrier

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|--------------------------------------|--|
| Engine 460-4 | Mercedes-Benz OM473LA; Output 460 kW / 1700 1/min (625 HP), torque 2900 Nm / 1300 1/min, certifications in accordance with EU Stage IV / Tier 4F. Fuel tank 217 gallons Diesel (no RME / biodiesel); 25 gallons tank for AdBlue. |
| Transmission ZF TC-Tronic | Automated gearbox with integrated torque converter and hydraulic retarder, 12 forward speeds and 2 reverse; Selectable longitudinal lock included in transfer case. |
| Axles 18 x 8 x 16 | 9 axles, axles 3, 4, 8, 9 driven equipped with selectable transverse lock, axles 1-5 and 7-9 steered, axle 6 liftable. |
| Suspension | Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively. |
| Steering | Dual-circuit semiblock mechanical steering with hydraulic booster. |
| Brakes | In conformity with EC-directives. Sustained action brake: constant decompression valve, exhaust brake, hydraulic retarder integrated into gearbox. |
| Tires | Tires size 385/95R25 (14.00R25); Steel rims 9,5-25/1,7". |
| Cab 2880 | Type 9.45 ft; Adjustable driver seat with seat heating, armrests and pneumatic suspension; Steering wheel height and tilt adjustable; Co-driver's seat; Power door windows; Tinted glass; Radio-preparation; Heating engine-dependent; Aircondition. |
| Drive lights | With low beam, upper beam. |
| Central lubrication | Automatic central lubrication system for the lubricating points at the carrier. |
| Outriggers | X-4-Point design; 4 outriggers telescopic; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 2 outrigger bases. 4 outrigger pads with transport position at outrigger beam. |
| Outrigger quick connection | Hydraulic bolt extractors and hydraulic and electric quick couplings for fast (dis-) assembly. |
| Outrigger load indicator | Displayed in LMI crane cab. |
| Outrigger basis monitoring | Individual monitoring of horizontal stroke; Deviation warning in crane cab. |
| Cruise control | Automatic speed control including automatic brake control. |
| Electronic immobiliser system | Prevents uncontrolled carrier mobilisation; Incl. 2 electronic keys and 4 ignition keys. |

Equipment superstructure

| | |
|---------------------------------------|--|
| Engine 210-4 | Mercedes-Benz OM936LA; Output 210 kW / 2200 1/min (286 HP), torque 1150 Nm / 1200 1/min, certifications in accordance with EU Stage IV / Tier 4F. Fuel tank 79 gallons Diesel (no RME / biodiesel); 11 gallons tank for AdBlue. |
| Telescopic boom HA60 | 50.9 ft - 196.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 9 sheaves integrated in boom head for max. capacity of 495,000 lb. |
| Boom luffing | Two differential cylinders with pilot-controlled lowering brake valves. |
| Rotary drive | Axial piston motor with planetary gearing, foot-operated brake, and spring-applied holding brake. |
| H1 | Axial piston variable displacement motor, hoist drum with integrated planetary gear reducer, and brake. |
| Counterweight system 44,100 lb | 44,100 lb (base frame); Self rigging with semiautomatic rigging system, rigging storage on carrier front; Expandable to max. 352,700 lb; Incl. tightening device. |
| 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. |
| 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. |
| Cab 088 | Type 2.87 ft; Tilt infinitely variable 20°; Seat heating; Sliding window in door and rear; Fold-out front window; Extendable side pedestal, foldable front pedestal; Handrails; Tinted safety glass; Pull-down sun visor and light curtains; Radio-preparation; Heating engine-independent; Aircondition. |
| Central lubrication | Automatic central lubrication system for the lubricating points at the superstructure. |

Technical Description

Additional equipment

Carrier

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|---|--|
| Engine 480-3 | Mercedes-Benz OM502LA; Output 480 kW / 1800 1/min (653 HP), torque 2800 Nm / 1200 1/min, certifications in accordance with EU Stage III A / Tier 3. Fuel tank 174 gallons Diesel (no RME / biodiesel). |
| Self-assembly outriggers | 2 x assembly outrigger; Road able in driving conditions with 26,500 lb axle load; Enabling self-rigging of the 4 main outriggers without assist crane. |
| 32.8 ft x 32.8 ft outrigger base | Additional outrigger base of 32.8 ft x 32.8 ft for increased versatility. Crane can work on same outrigger base like 600 USt all terrain cranes. |

Superstructure

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|-----------------------------------|---|
| Engine 205-3 | Mercedes-Benz OM906LA; Output 205 kW / 2200 1/min (279 HP), torque 1100 Nm / 1200 1/min, certifications in accordance with EU Stage III A / Tier 3. Fuel tank 79 gallons Diesel (no RME / biodiesel). |
| Heavy lift attachment | 4 additional sheaves; For total 13 sheaves on boom head. Max. capacity of 688,000 lb. |
| SSL | Sideways Superlift; Capacity increasing boom guy support. |
| 2. hoist (H2) | Spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. quick couplings; Required for luffing jib operation (WIHI); Incl. rope twist prevention. |
| Counterweights AC-GG10 140 | 308,700 lb = 14 AC-GG à 22,050 lb (AC 350, AC 500-1, AC 500-2, AC 500-8, AC 650, AC 700, AC 1000, AC 1000-9). |

Handling

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|---|---|
| Fall-from-height protection system boom base section | Rail system as fall-from-height protection at the main boom base section. |
| Fall-from-height protection system boom base section + SSL | Rail system as fall-from-height protection at the main boom base section and SSL. |
| Fall-from-height protection system WIHI | Rail system as fall-from-height protection for the lattice parts WIHI-A 315.0 ft. |

Extensions

| | |
|------------------------|---|
| WIHI-A 315.0 ft | Luffing jib; Complete building set; With increments 19.7 ft; With integrated manual offset section 20°/40°; 5-sheave and 3-sheave head; Enables configuration WIHI 78.7 ft - 315.0 ft, LF 65.6 ft - 164.0 ft and HAV 19.7 ft - 118.1 ft; Only together with H2. |
|------------------------|---|

Hook Blocks

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|--|---|
| Hook block 705,600 lb, 13-sheaves | Max. capacity 688,000 lb; 8,800 lb; Double hook, white with red signal stripes. |
| Hook block 705,600 lb, 11-sheaves | Max. capacity 688,000 lb; 7,700 lb; Double hook, white with red signal stripes. |
| Hook block 551,200 lb, 9-sheaves | Max. capacity 520,000 lb; 6,200 lb; Double hook, white with red signal stripes. |
| Hook block 441,000 lb, 7-sheaves | Max. capacity 418,500 lb; 5,700 lb; Double hook, white with red signal stripes. |
| Hook block 352,700 lb, 5-sheaves | Max. capacity 313,100 lb; 4,900 lb; Double hook, white with red signal stripes. |
| Hook block 220,500 lb, 3-sheaves | Max. capacity 203,300 lb; 4,000 lb; Double hook, white with red signal stripes. |
| Hook block 88,200 lb, 1-sheave | Max. capacity 88,860 lb; 2,700 lb; Double hook, white with red signal stripes. |
| Hook 33,100 lb | Max. capacity 30,000 lb; 2,000 lb; Single hook, red. |

Further additional equipment on request!

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

tac.sales@tadano.com
www.tadanoamericas.com

Tadano Europe Holdings GmbH

Dinglerstraße 24, 66482 Zweibrücken, Germany
Phone +49 6332 830

Tadano America Corporation

4242 West Greens Road, Houston, TX 77066
Phone: +1 (281) 869-00300 · Fax: +1 (281) 869-0040



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