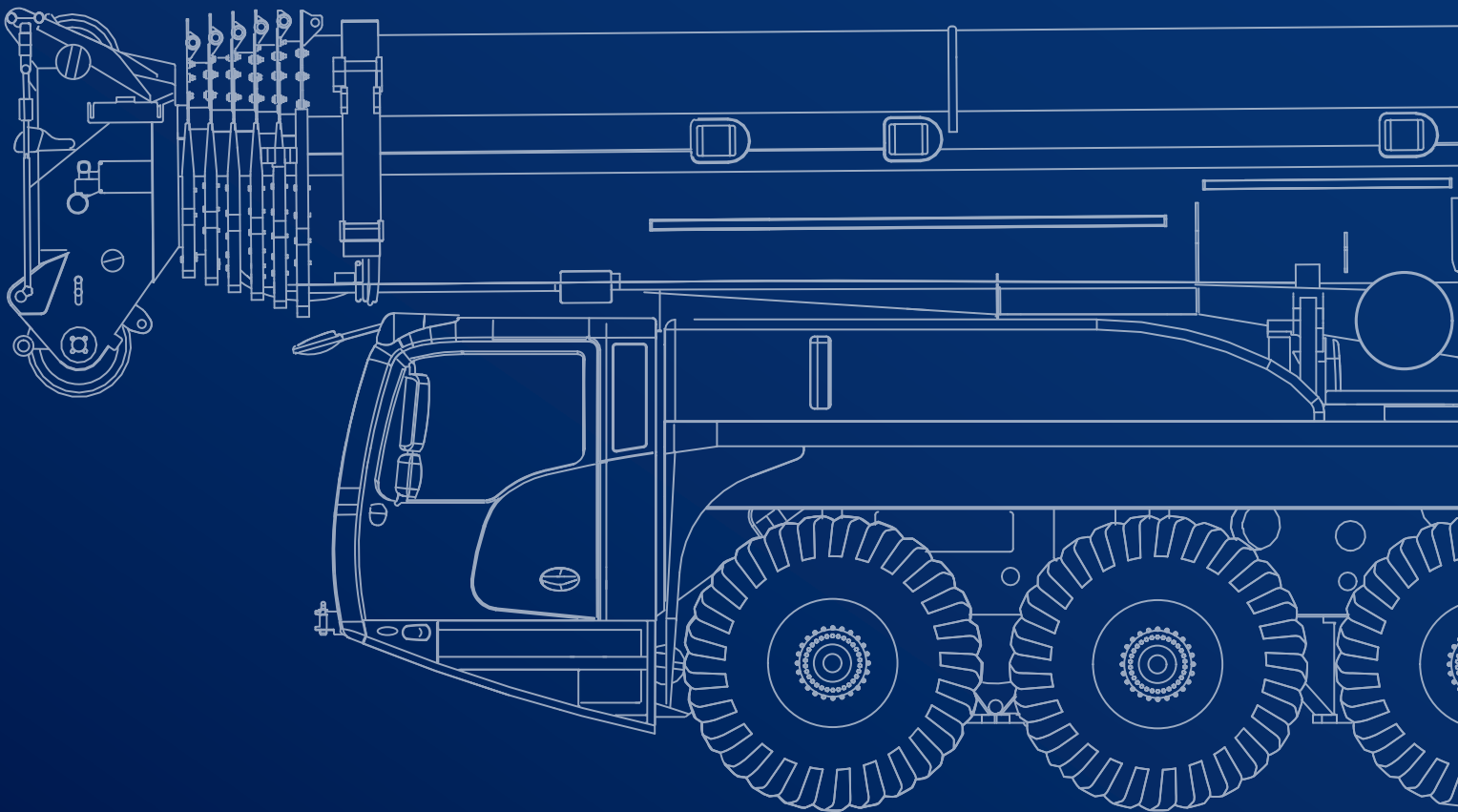


AC 7.450-1

500 US TON MAX. CRANE CAPACITY
















December 2022. 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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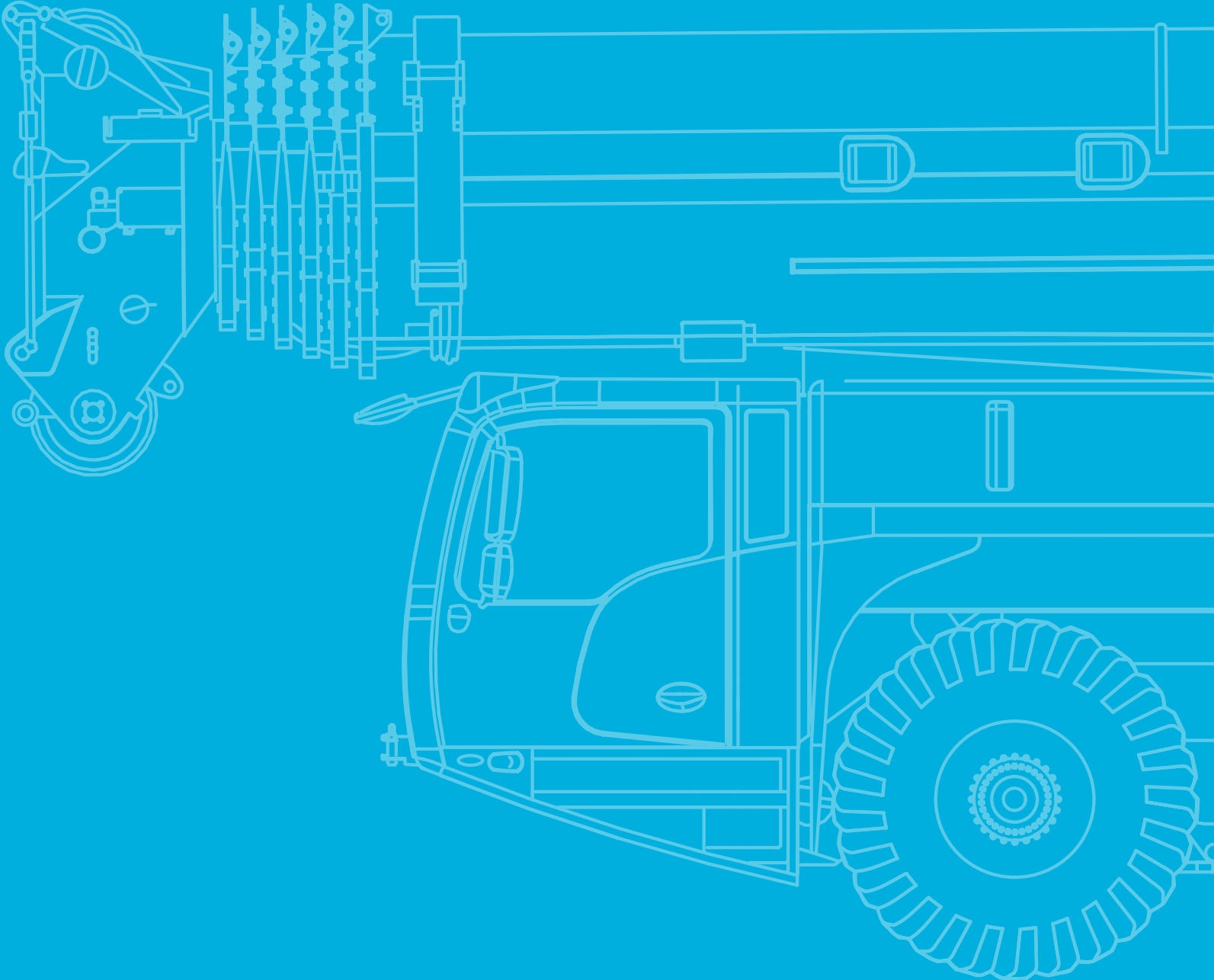
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Key

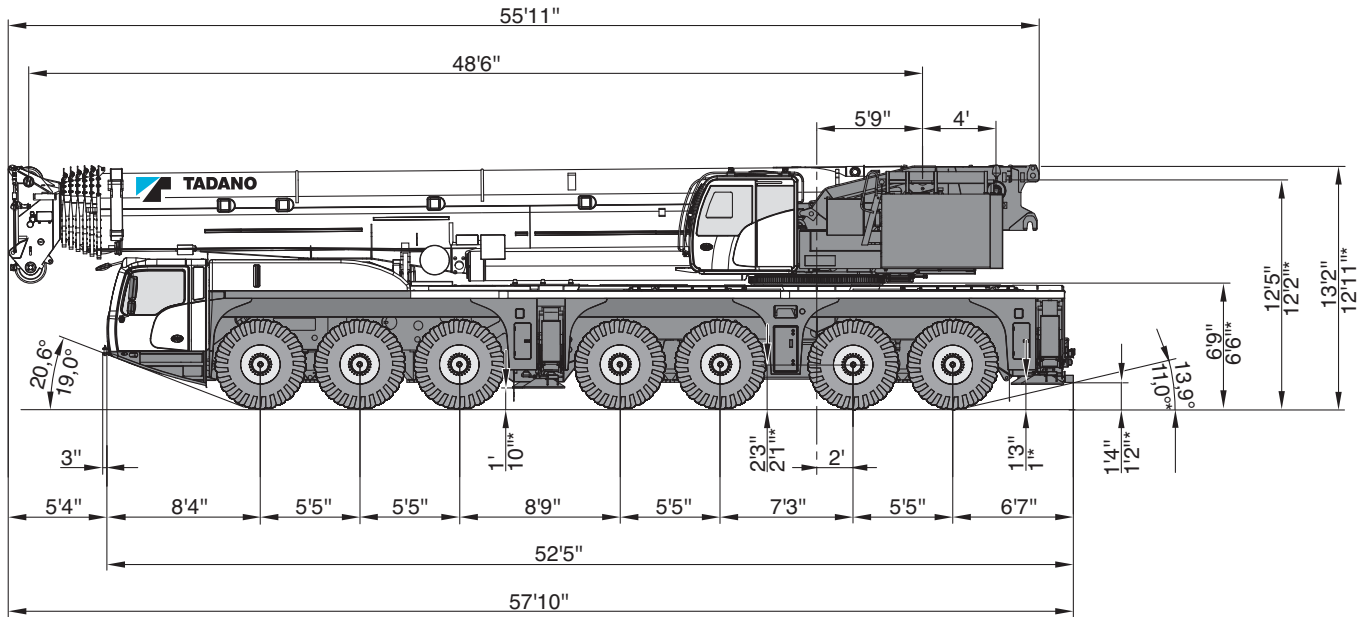
| | | | |
|---|---|---|---|
|  | Counterweight |  | Dolly |
|  | Lifting capacities on outriggers · 360° |  | Boom telescoping |
|  | Radius |  | Boom elevation |
|  | Main boom |  | Max. line pull |
|  | Fixed fly jib |  | Rope diameter |
|  | Luffing fly jib |  | Rope length |
|  | Runner |  | Hook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

GENERAL TECHNICAL DATA



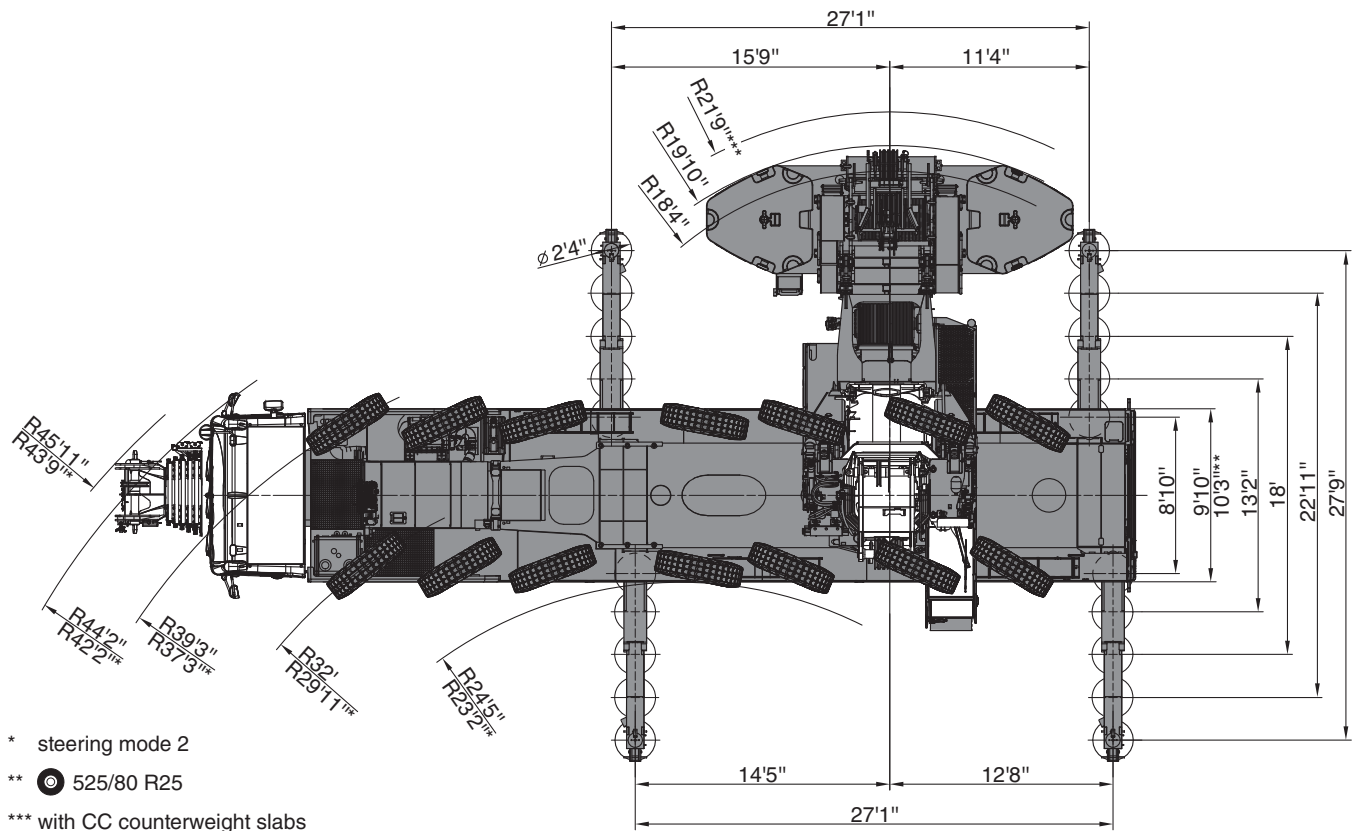
General

Vehicle dimensions



⊙ 445/95 R25 / 525/80 R25

* ⊙ 385/95 R25



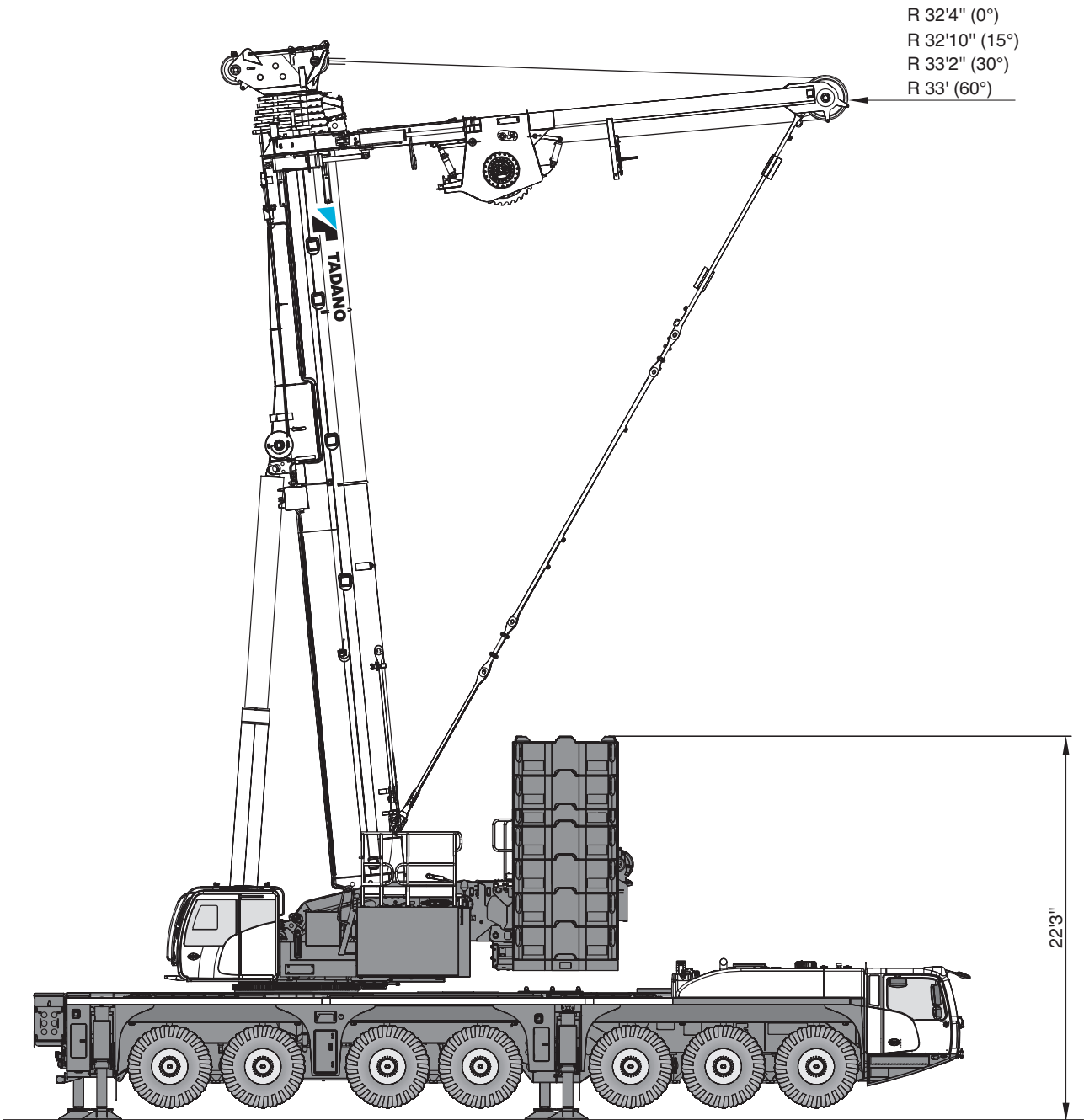
* steering mode 2

** ⊙ 525/80 R25

*** with CC counterweight slabs

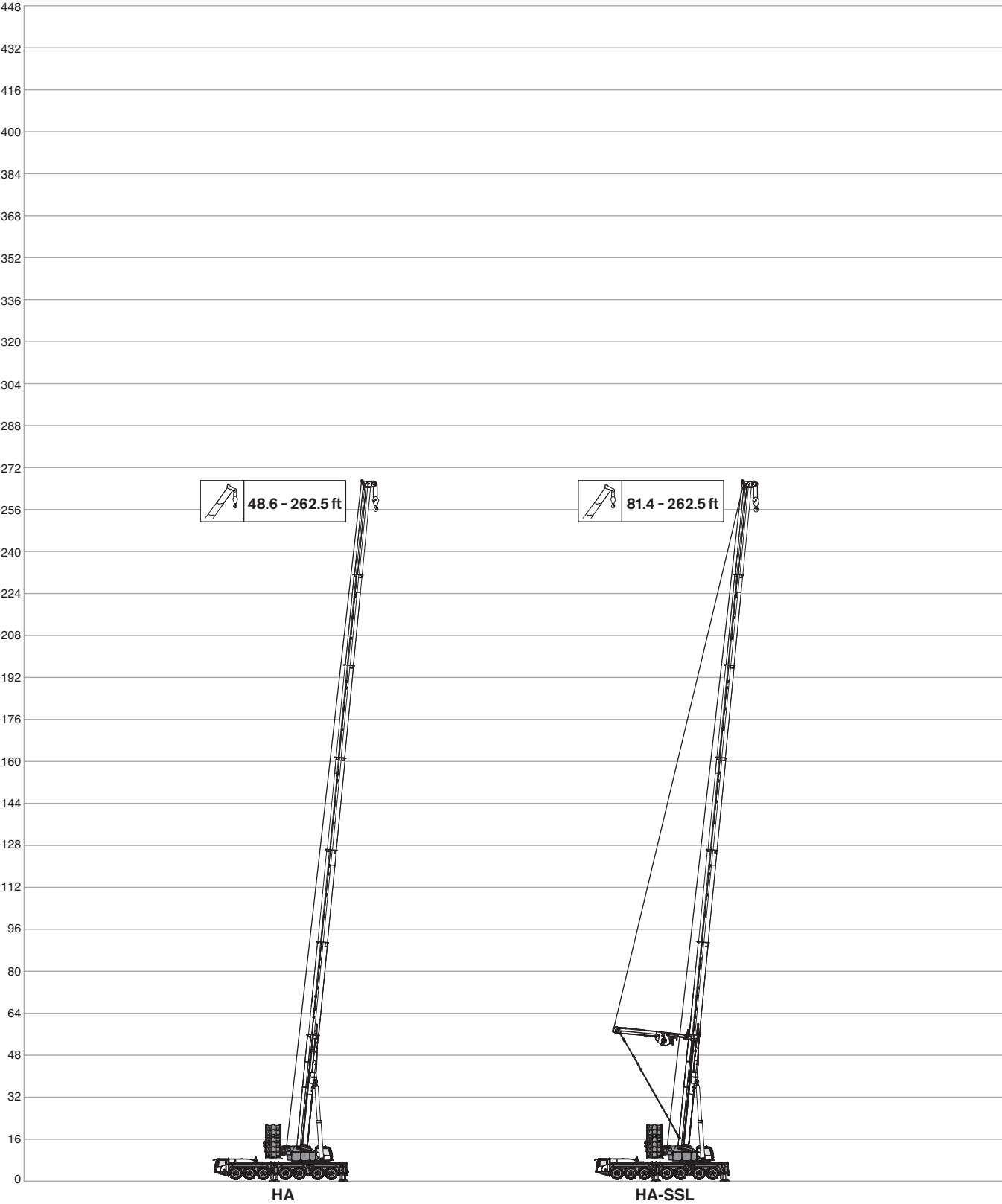
General

Vehicle dimensions



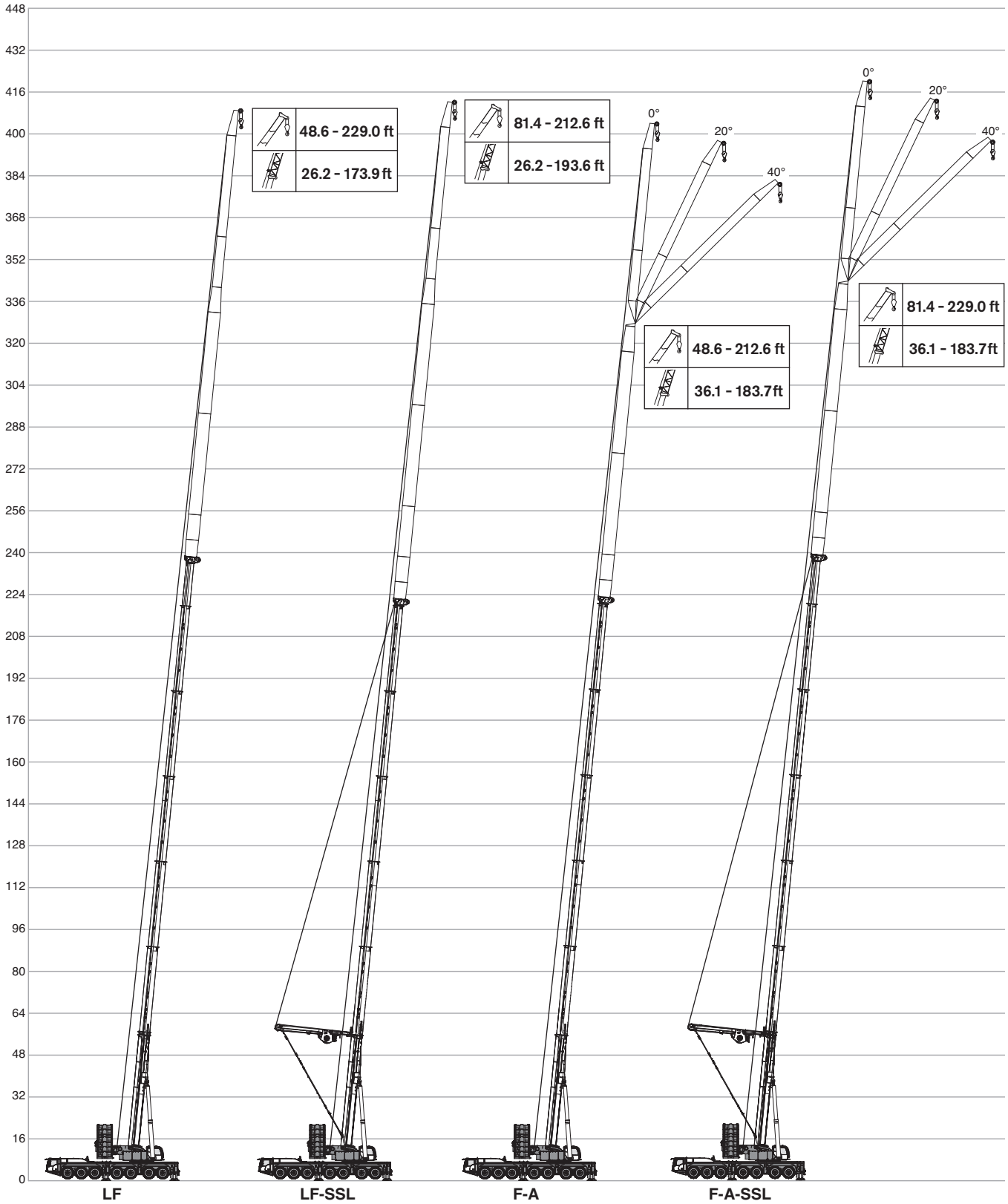
General

Boom Combinations



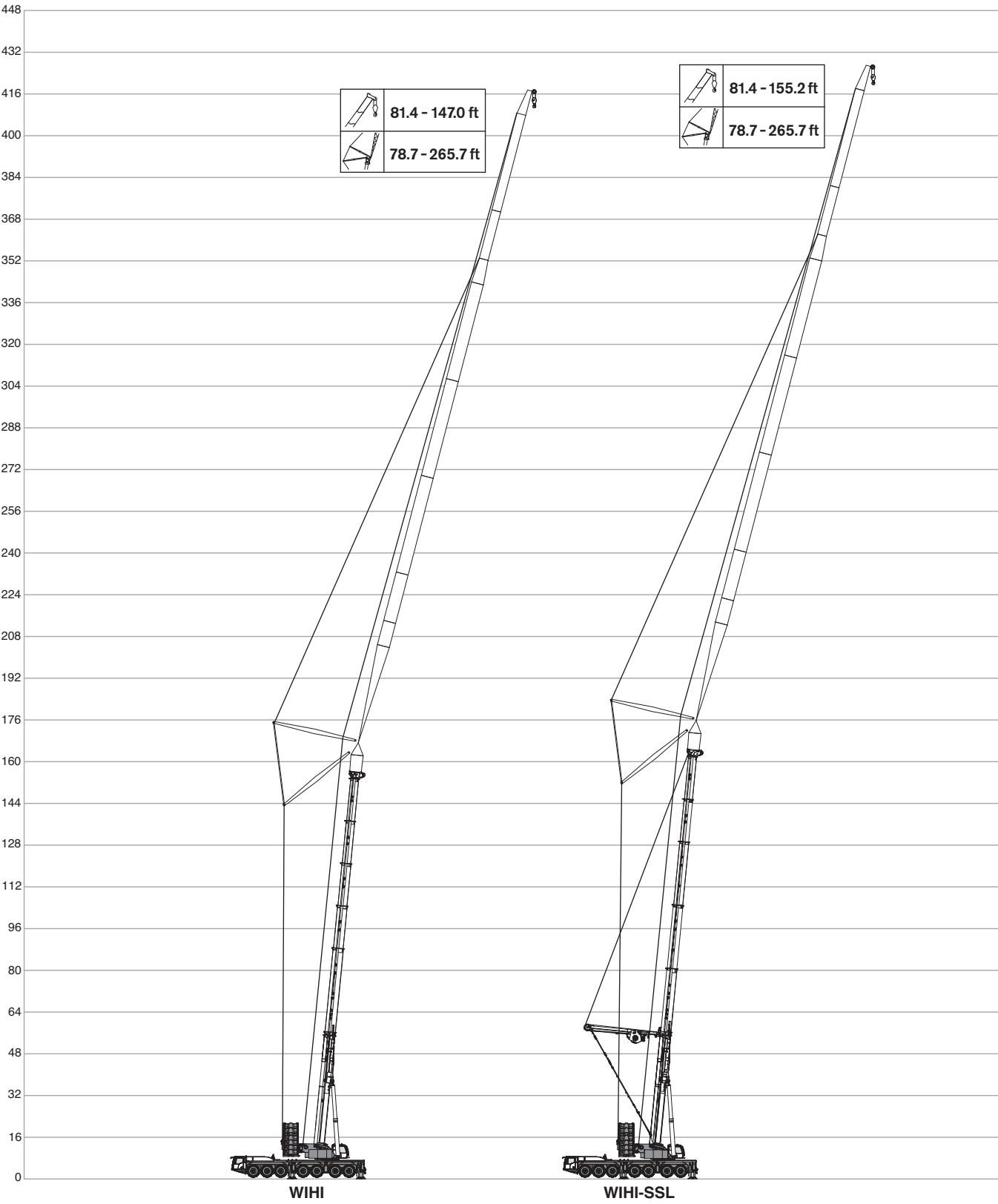
General

Boom Combinations

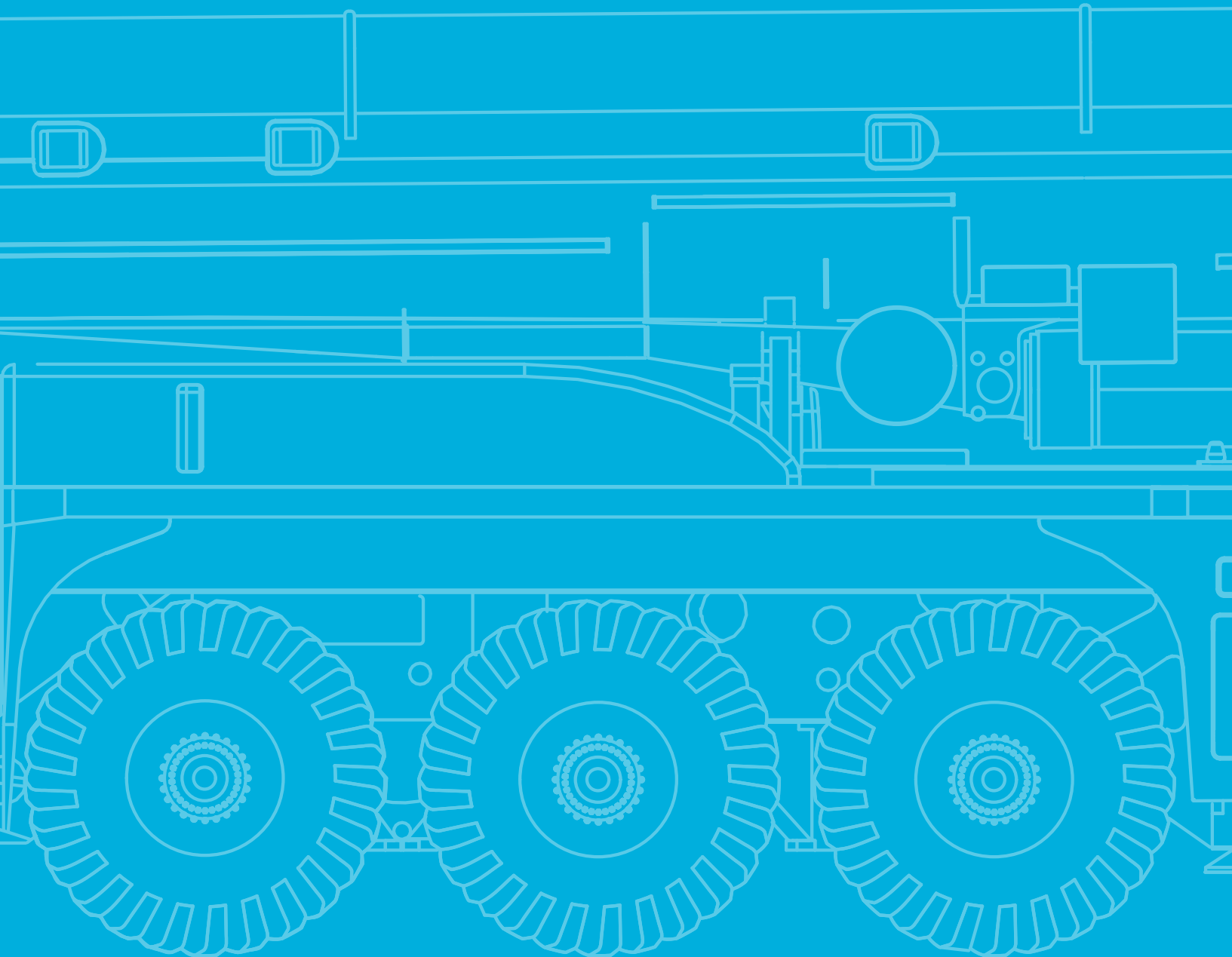


General


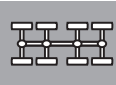



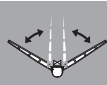


Boom Combinations






TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING

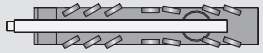
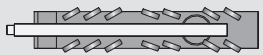
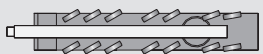
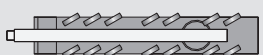



On-road and off-road driving

| Axle loads | | | | | | | | |
|---|---------------|---|---|---|--|---|---|---|
|  | Total |  |  |  |  |  |  |  |
| < 20,000 lbs | On request! | | | | | | | X |
| < 22,050 lbs | < 106,000 lbs | 14 x 8 x 14 | 445/95R25 | – | – | – | – | – |
| < 26,500 lbs | < 185,200 lbs | 14 x 8 x 14 | 385/95R25 | 262.5 ft | 88,200 lbs | – | 1,430 lbs | – |
| < 26,500 lbs | < 185,200 lbs | 14 x 8 x 14 | 445/95R25 (AI) | 262.5 ft | 176,400 lbs Vario | – | – | – |
| < 26,500 lbs | < 185,200 lbs | 14 x 8 x 14 | 445/95R25 | 262.5 ft | 26,500 lbs | – | 0,770 lbs | – |
| < 36,400 lbs | < 213,900 lbs | 14 x 8 x 14 | 445/95R25 | 262.5 ft | 176,400 lbs Vario | X | 1,100 lbs | – |

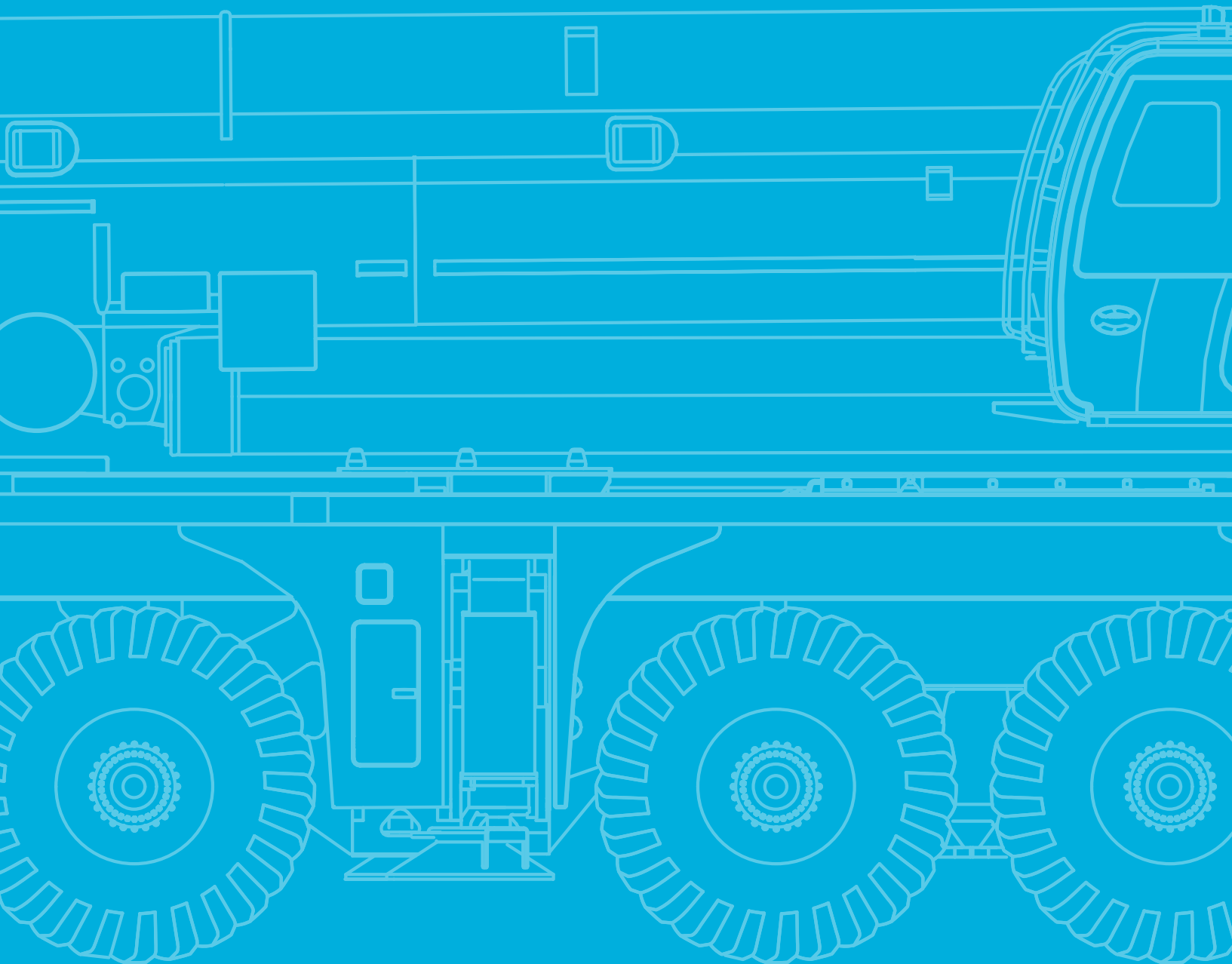
| Speeds and gradeability | | | |
|---|---------------------------|---------------------------|---------------------------|
|  | 385/95 R 25 14.00 R 25 | 445/95 R 25 16.00 R 25 | 525/80 R 25 20.50 R 25 |
|  | 46 % | 41 % | 41 % |
|  | 52.8 mph ¹⁾ | | |

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

| Steering | |
|---|--------------------------------------|
|  | 1 Road |
|  | 2* Minimum turning radius < 12.4 mph |
|  | 3* Off-wall |
|  | 4* Crab steer mode |
|  | 5* All wheel steering |

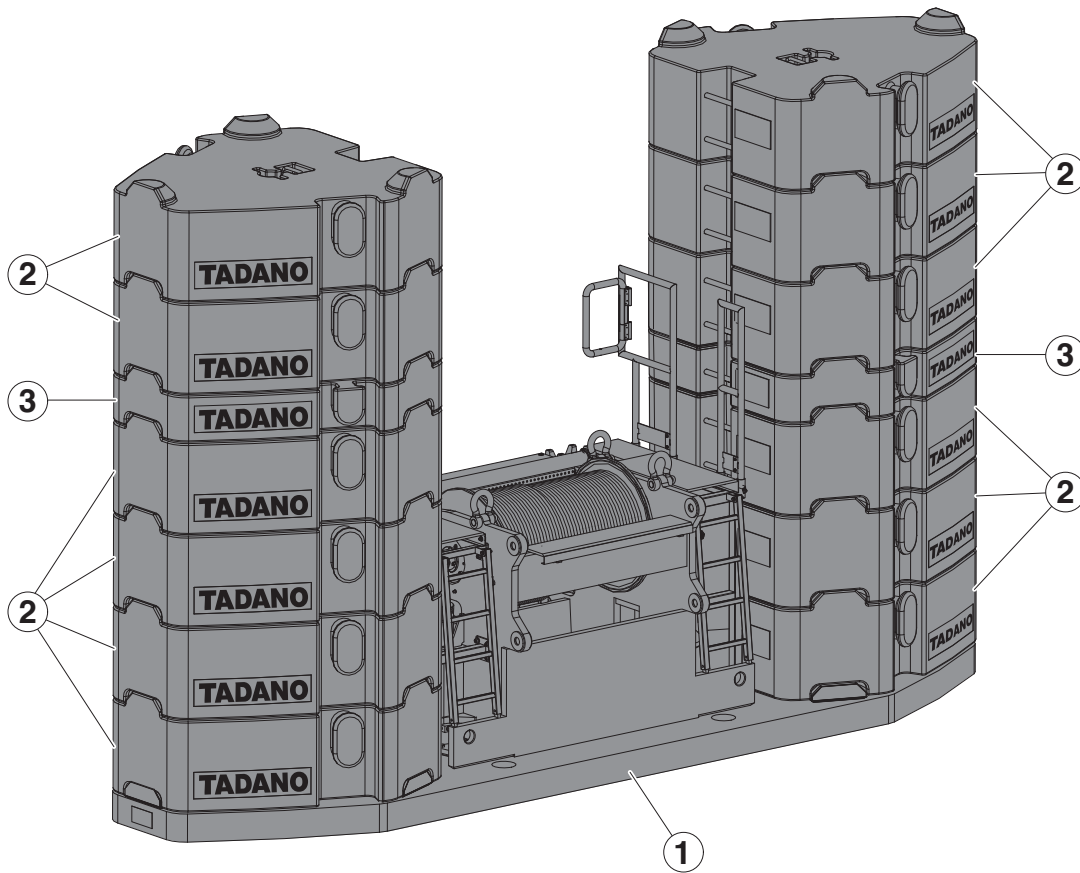
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

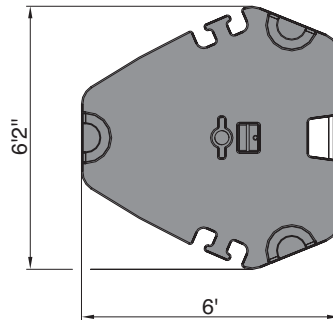
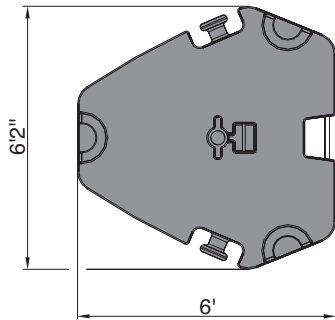
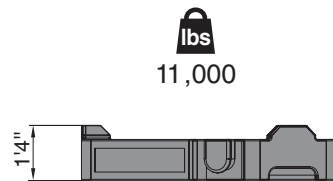
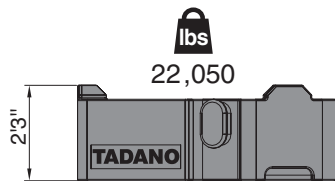
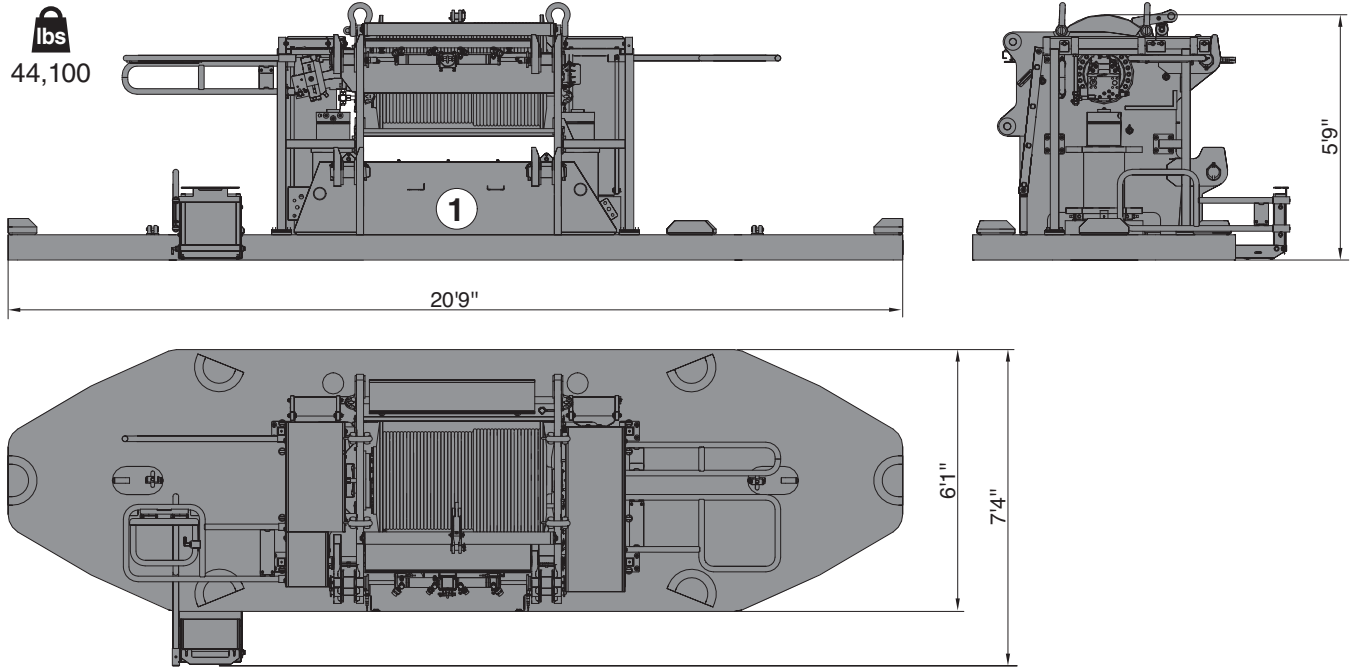


Configurations

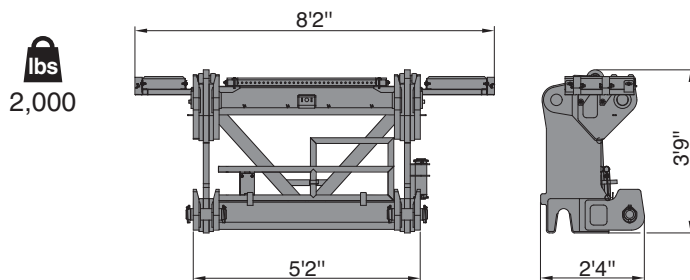
| lbs | 44,100 | 66,100 | 88,200 | 110,200 | 132,300 | 154,300 | 176,400 | 198,400 | 220,500 | 242,500 | 264,600 | 286,600 | 308,700 | 330,700 |
|----------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| ① 44,100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ② 22,050 | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 (8) | 10 (9) | 11 (10) | 12 (10) |
| ③ 11,000 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 (4) | 2 (4) | 2 (4) | 2 (6) |

Transportation

Counterweight



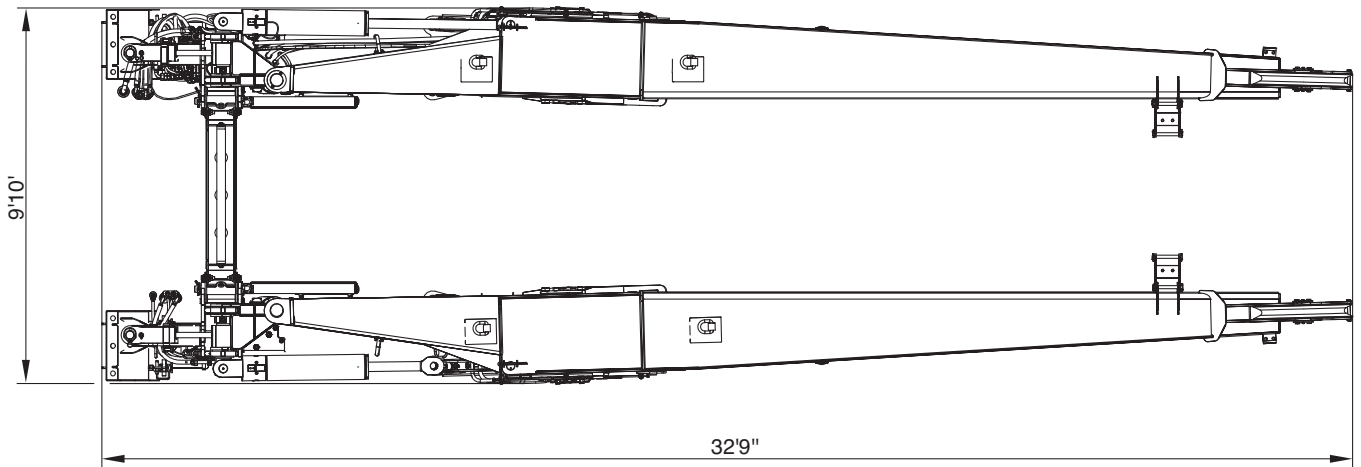
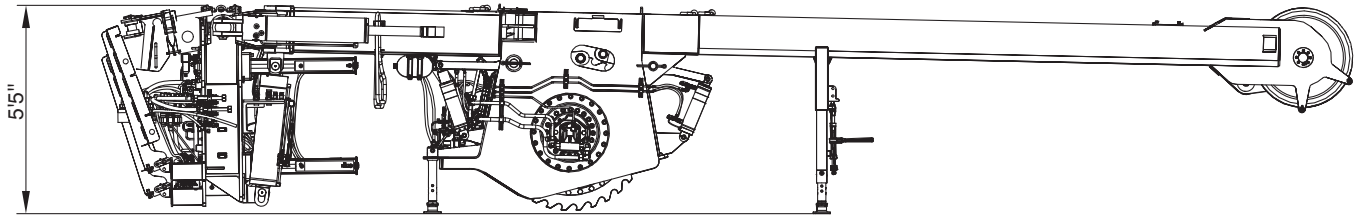
Counterweight adapter frame (XL)



Transportation

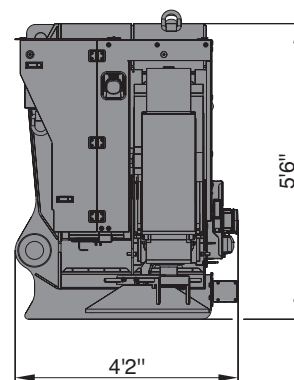
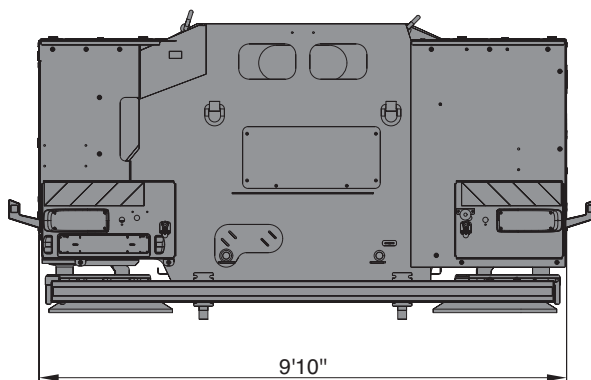
Sideways Superlift (SSL)

 lbs
26,700



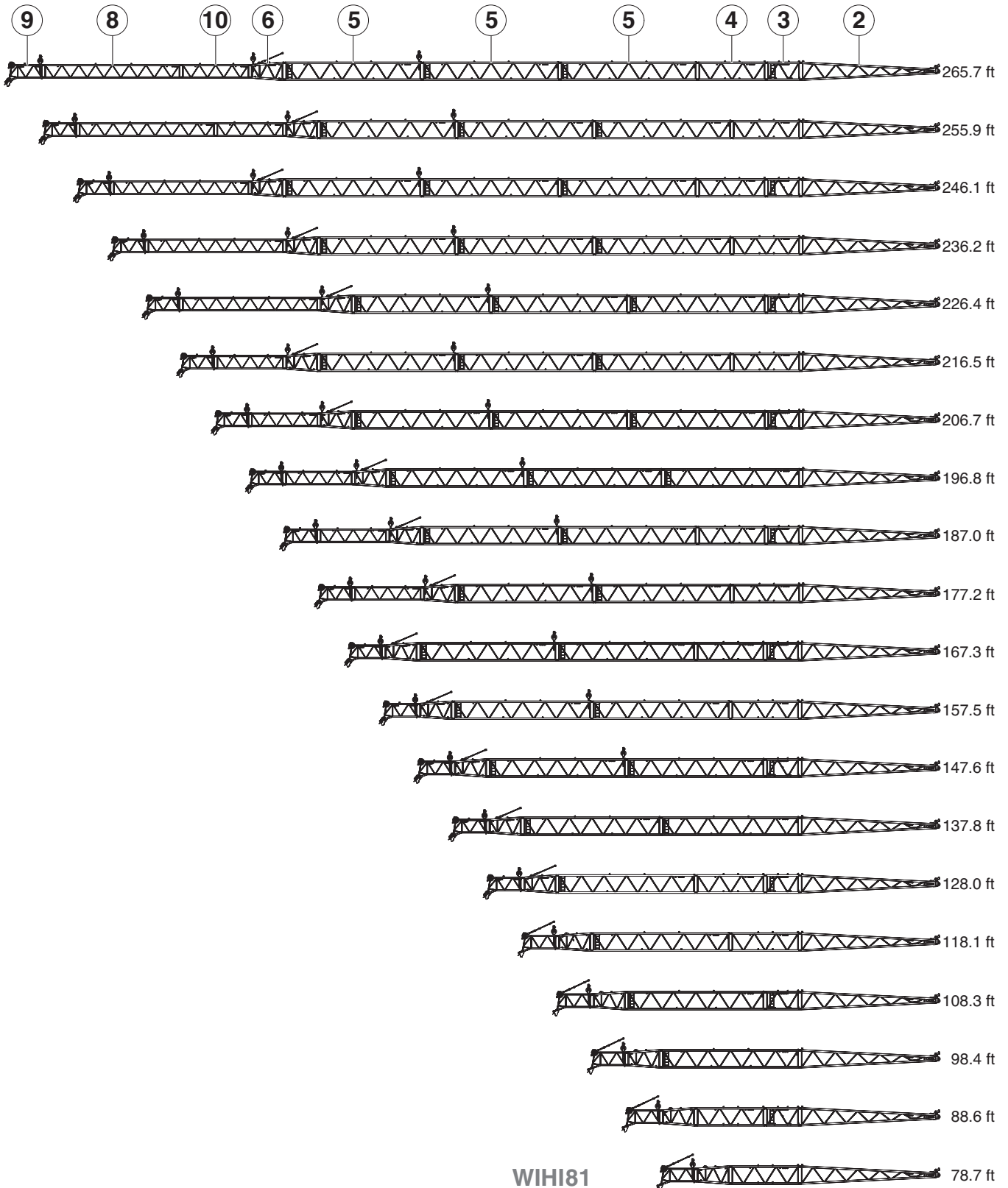
Removable rear outrigger box

 lbs
12,600



Transportation

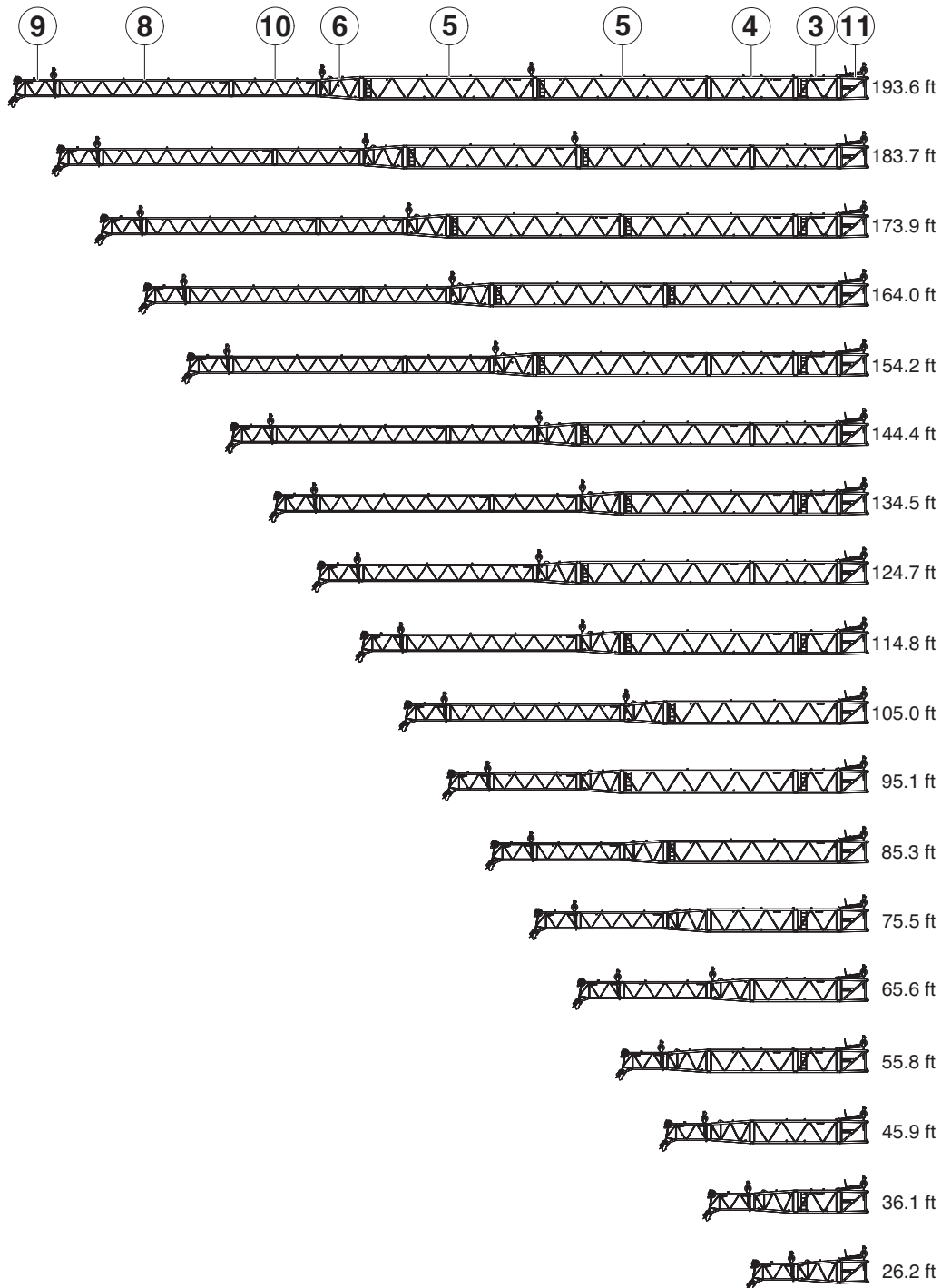
Jib



Transportation

Jib

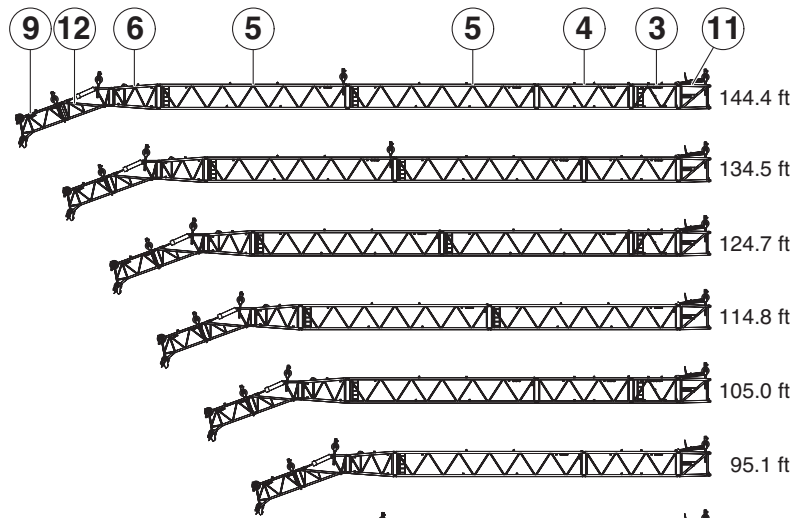
LF59



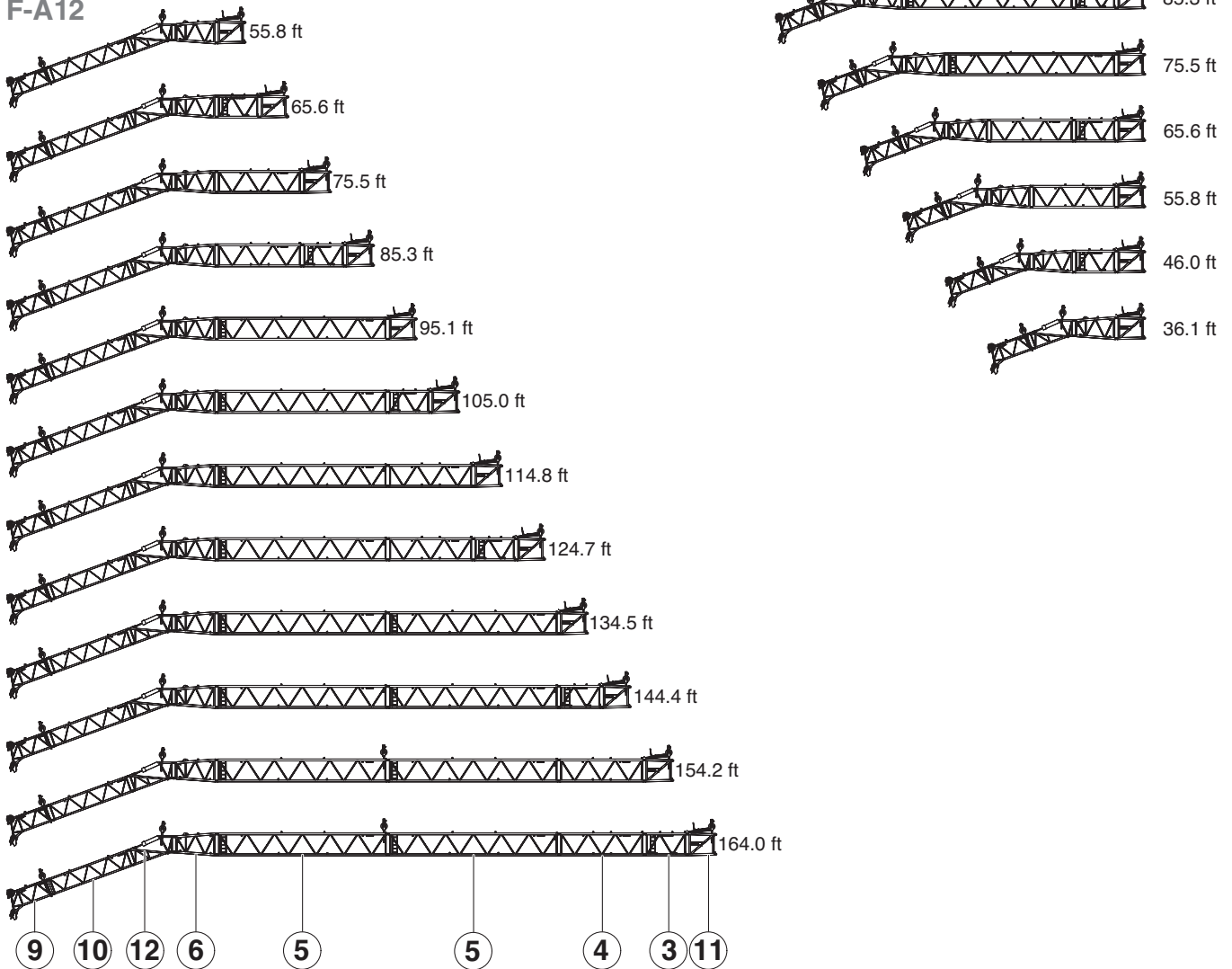
Transportation

Jib

F-A06



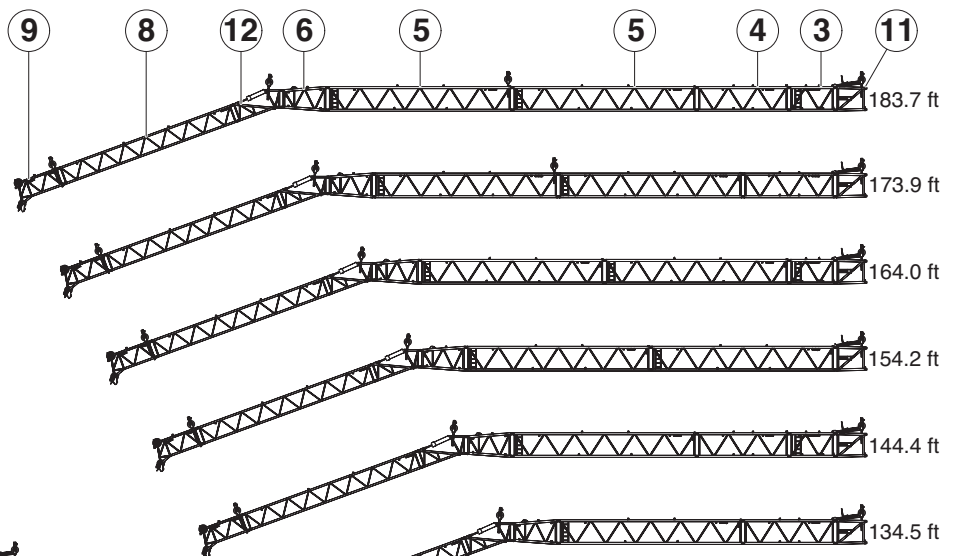
F-A12



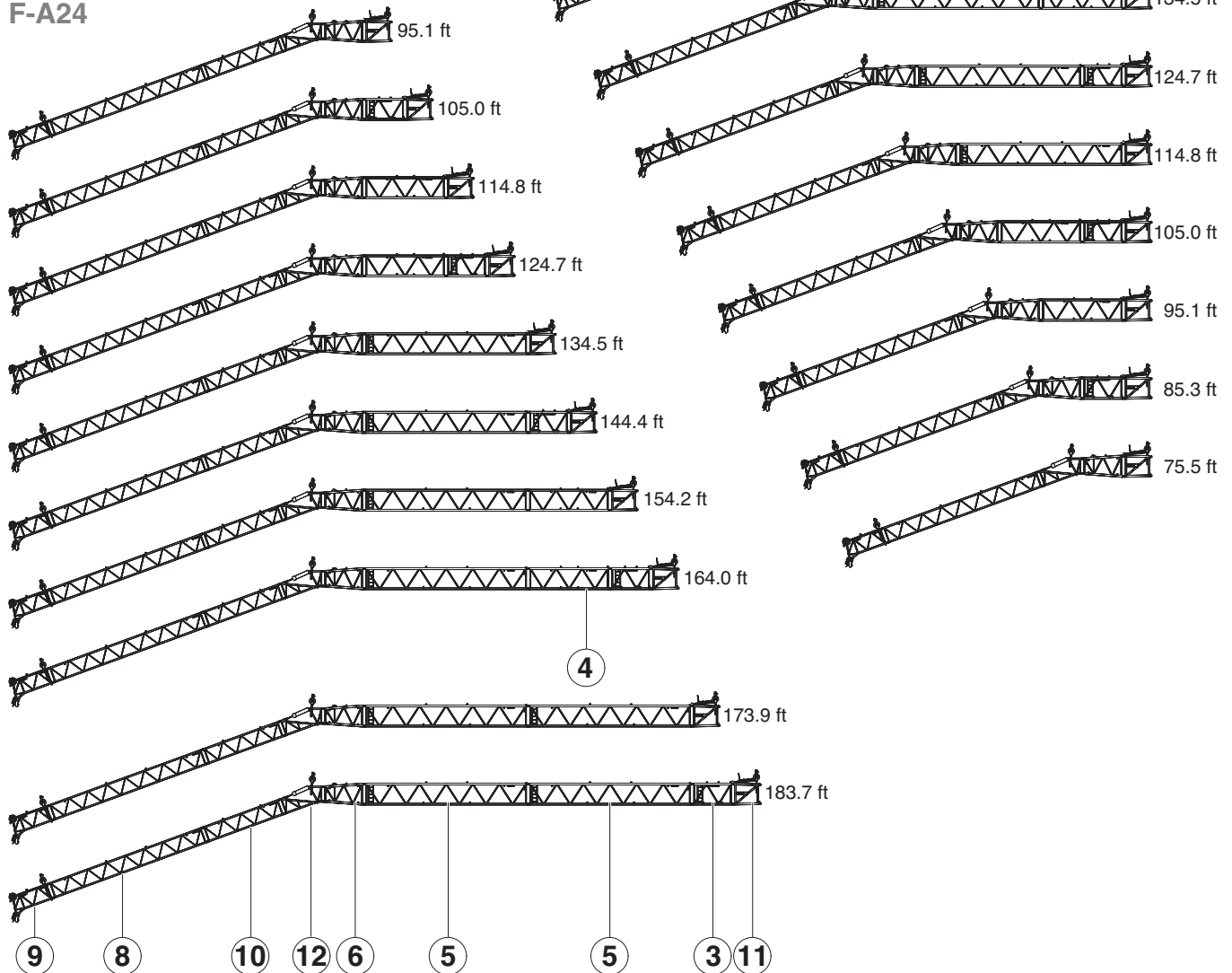
Transportation

Jib

F-A18



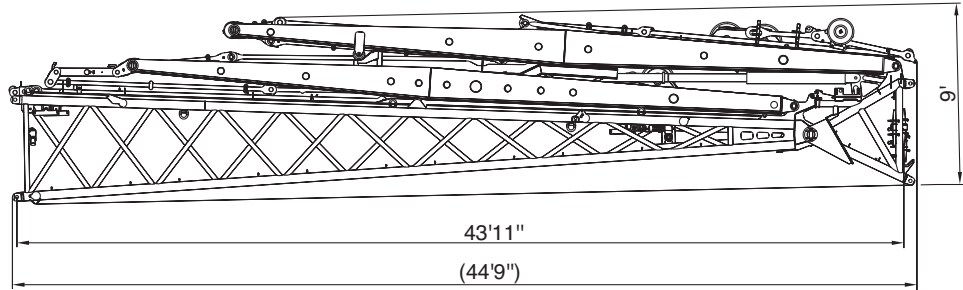
F-A24



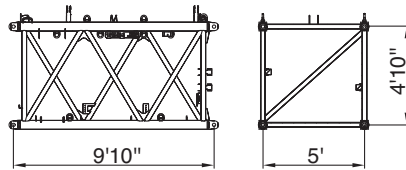
Transportation

Jib

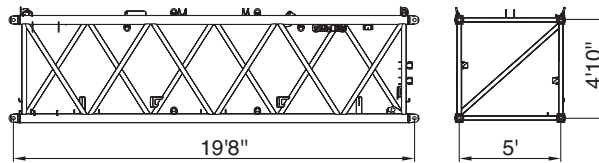
- 1  lbs
- 2 14,600



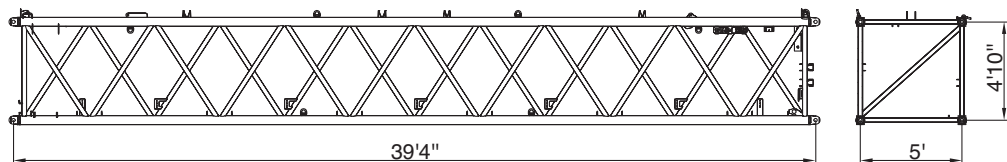
- 3  lbs
- 1,450



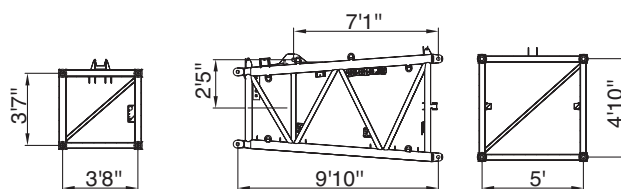
- 4  lbs
- 2,350



- 5  lbs
- 3,900



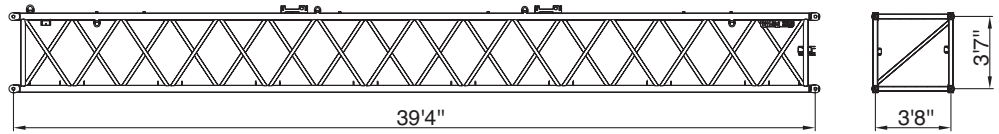
- 6  lbs
- 1,800



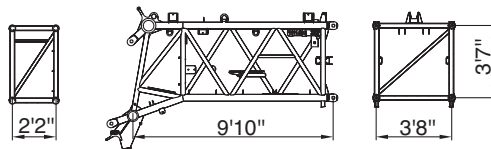
Transportation

Jib

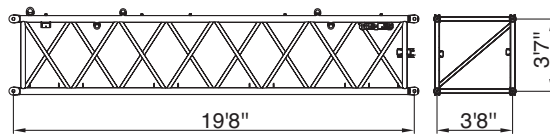
8  2,750



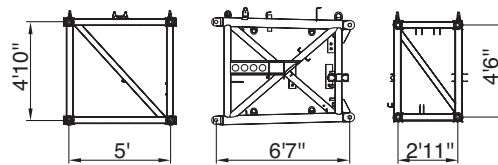
9  2,400




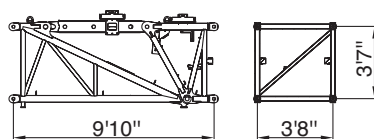
10  1,500



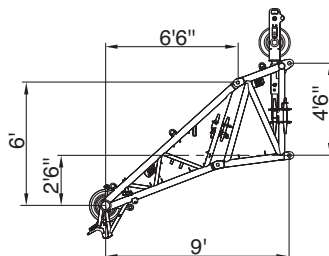
11  1,800



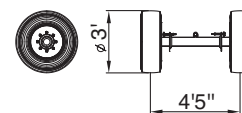
12  1,950
3,100 (HY)



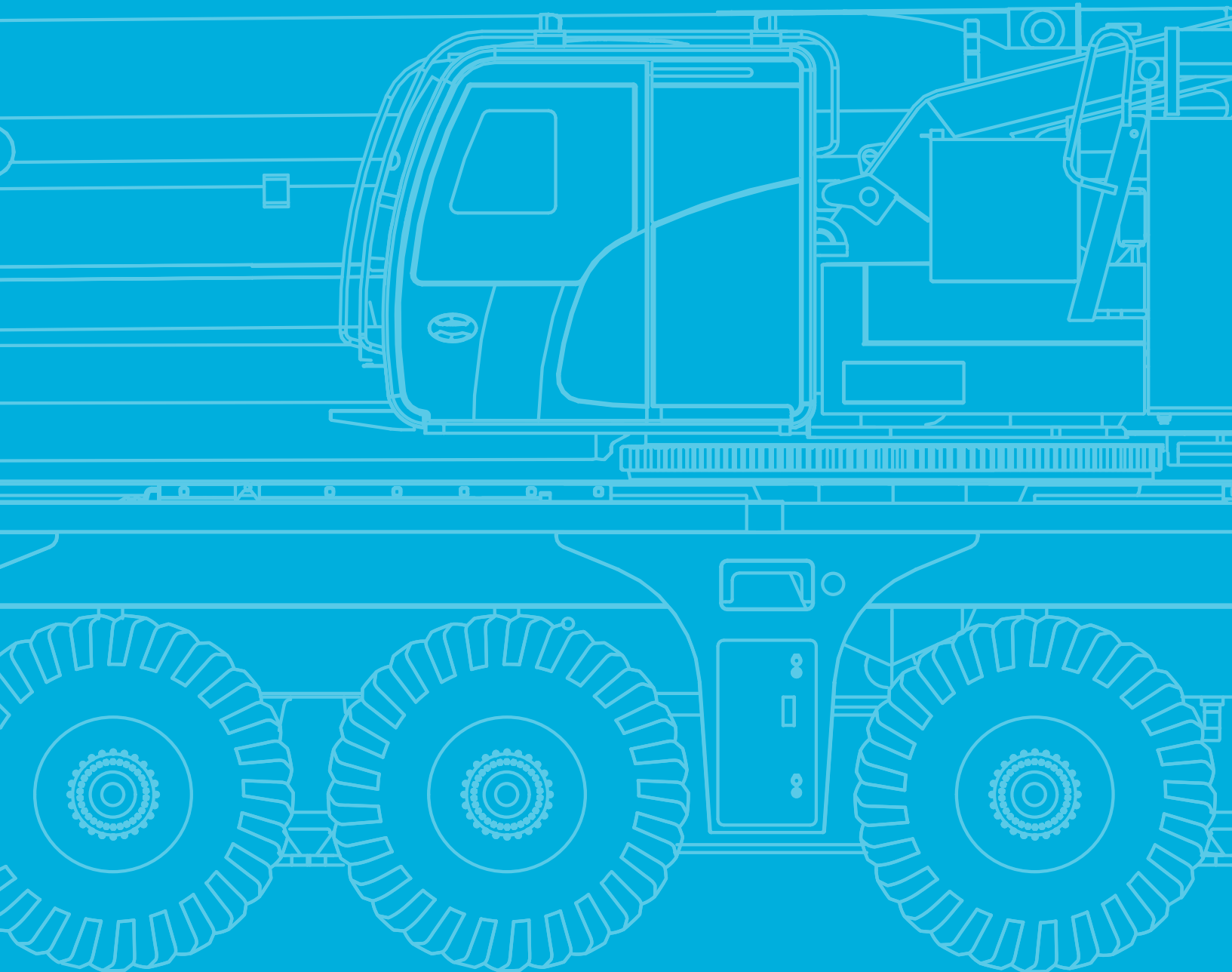
 1,050



 750



TECHNICAL DATA FOR OPERATION



Operation

Main boom



660 s (48.6 -262.5 ft)



60 s (0° - 84°)

Slewing



1,0 min⁻¹

Hoist



426.5 ft/min

26,078 lbf

0.92"

1427 ft



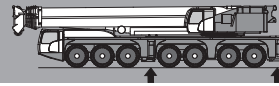
426.5 ft/min

26,078 lbf

0.92"

1854 ft

Outrigger cylinders



308,700 lbs

324,100 lbs



23.6"

26"

Hook Blocks



26,500 lbs

26,000 lbs

—

1

1,100

6.6 ft

88,200 lbs

77,400 lbs

1

3

1,980

8.9 ft

176,400 lbs

177,100 lbs

3

7

2,650

9.8 ft

275,600 lbs

272,800 lbs

5

11

3,100

9.8 ft

352,800 lbs

342,000 lbs

7

14

4,190

9.8 ft

441,000 lbs

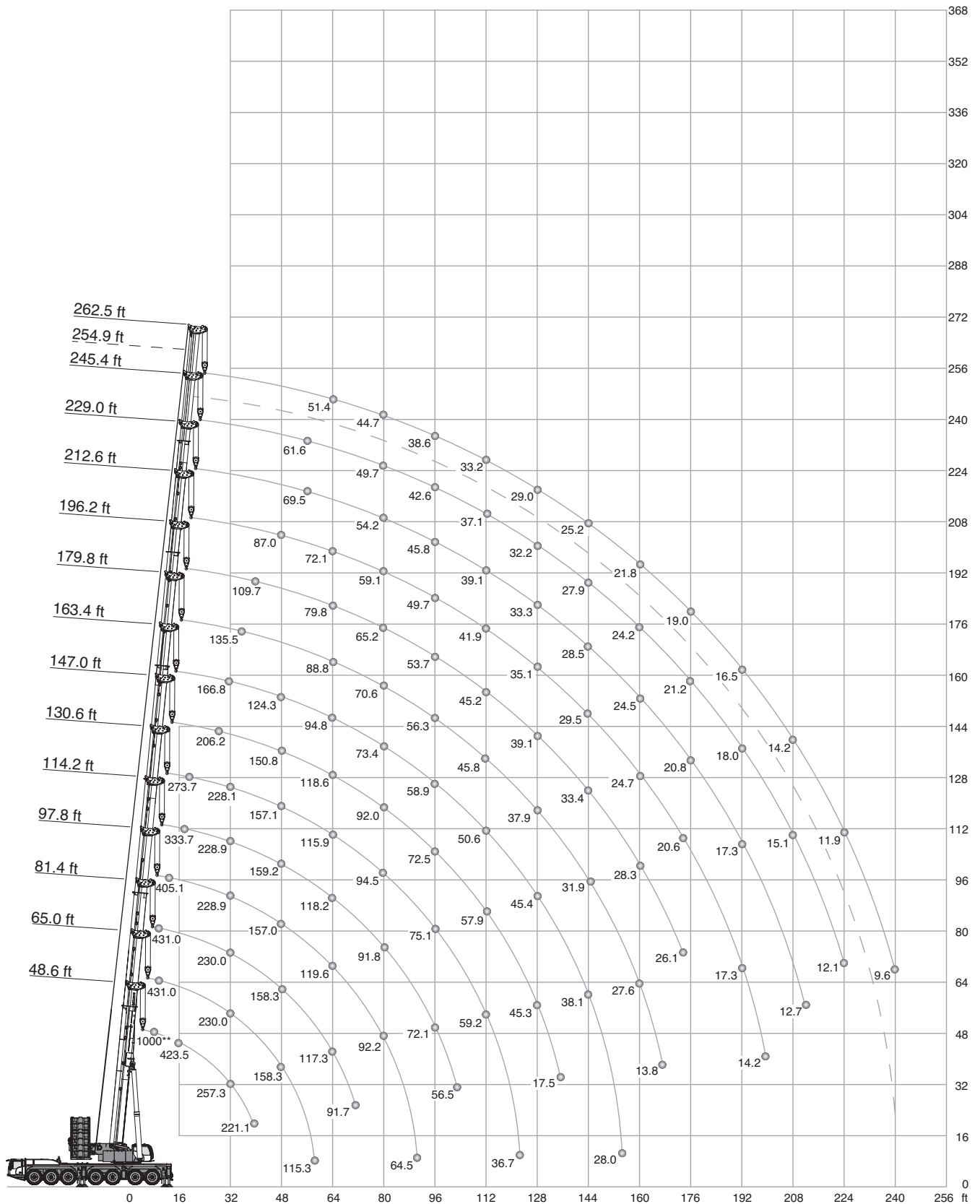
431,000 lbs

9

18

4,410

9.8 ft



** Max. crane capacity – with additional special equipment

Operation

HA

| 330,700 lbs | | 18.4 ft (STD) | | 27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | | | |
|-------------|-----------|---------------------|---------------------|---------------------|---------------------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|
| 0° | | (ft) | | | | | | | | | | | | | | | | | |
| 48.6* | | 48.6 | 65.0 | 81.4 | 97.8 | 114.2 | 130.6 | 147.0 | 163.4 | 179.8 | 196.2 | 212.6 | 229.0 | 245.4 | 254.9 | 262.5 | | | |
| ft | 1,000 lbs | | | | | | | | | | | | | | | | | | ft |
| 8 | 1000.0** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 |
| 10 | 431.0 | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 12 | 431.0 | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| 14 | 431.0 | 416.3 ²⁾ | 417.5 ²⁾ | 416.3 ²⁾ | 405.1 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 |
| 16 | 423.5 | 382.7 ²⁾ | 384.9 ²⁾ | 384.1 ²⁾ | 383.8 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 |
| 18 | 400.2 | 360.0 | 362.2 | 361.1 | 358.8 | 333.7 | - | - | - | - | - | - | - | - | - | - | - | - | 18 |
| 20 | 374.7 | 332.6 | 334.8 | 334.8 | 333.7 | 322.1 | 273.7 | - | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 332.4 | 289.4 | 291.6 | 291.6 | 290.5 | 285.2 | 263.6 | - | - | - | - | - | - | - | - | - | - | - | 24 |
| 28 | 293.3 | 255.4 | 257.6 | 257.6 | 256.5 | 254.3 | 248.6 | 206.2 | - | - | - | - | - | - | - | - | - | - | 28 |
| 32 | 257.3 | 227.0 | 230.0 | 230.0 | 228.9 | 228.9 | 228.1 | 192.8 | 166.8 | - | - | - | - | - | - | - | - | - | 32 |
| 36 | 221.1 | 205.7 | 208.6 | 208.6 | 207.0 | 209.2 | 207.3 | 180.2 | 155.5 | 135.5 | - | - | - | - | - | - | - | - | 36 |
| 40 | - | - | 188.4 | 188.4 | 186.9 | 189.1 | 187.1 | 169.2 | 144.3 | 128.0 | 109.7 | - | - | - | - | - | - | - | 40 |
| 48 | - | - | 158.3 | 158.3 | 157.0 | 159.2 | 157.1 | 150.8 | 124.3 | 113.5 | 99.3 | 87.0 | - | - | - | - | - | - | 48 |
| 56 | - | - | 115.3 | 135.4 | 134.2 | 136.3 | 134.1 | 136.4 | 108.0 | 100.4 | 89.0 | 79.8 | 69.5 | 61.6 | 57.7 | - | - | - | 56 |
| 64 | - | - | 71.2 | 117.3 | 119.6 | 118.2 | 115.9 | 118.6 | 94.8 | 88.8 | 79.8 | 72.1 | 64.1 | 57.9 | 54.9 | 51.4 | 48.1 | 44.7 | 64 |
| 72 | - | - | - | 91.7 | 105.2 | 103.5 | 105.4 | 103.9 | 83.4 | 78.9 | 71.8 | 65.2 | 59.0 | 53.7 | 51.4 | 48.1 | 44.7 | 41.6 | 72 |
| 80 | - | - | - | - | 92.2 | 91.8 | 94.5 | 92.0 | 73.4 | 70.6 | 65.2 | 59.1 | 54.2 | 49.7 | 47.2 | 44.7 | 41.6 | 38.6 | 80 |
| 88 | - | - | - | - | 64.5 | 81.5 | 84.4 | 81.7 | 65.5 | 62.9 | 59.3 | 54.0 | 49.9 | 46.0 | 43.4 | 41.6 | 38.6 | 35.6 | 88 |
| 96 | - | - | - | - | - | 72.1 | 75.1 | 72.5 | 58.9 | 56.3 | 53.7 | 49.7 | 45.8 | 42.6 | 40.2 | 38.6 | 35.6 | 32.6 | 96 |
| 104 | - | - | - | - | - | 56.5 | 67.3 | 64.6 | 53.3 | 50.7 | 49.0 | 45.7 | 42.3 | 39.8 | 37.2 | 35.6 | 32.6 | 29.6 | 104 |
| 112 | - | - | - | - | - | - | 59.2 | 57.9 | 50.6 | 45.8 | 45.2 | 41.9 | 39.1 | 37.1 | 34.7 | 33.2 | 30.9 | 28.9 | 112 |
| 120 | - | - | - | - | - | - | 36.7 | 52.1 | 48.1 | 41.4 | 42.1 | 38.3 | 36.0 | 34.5 | 32.3 | 30.9 | 29.0 | 27.1 | 120 |
| 128 | - | - | - | - | - | - | - | 45.3 | 45.4 | 37.9 | 39.1 | 35.1 | 33.3 | 32.2 | 30.0 | 29.0 | 27.1 | 25.2 | 128 |
| 136 | - | - | - | - | - | - | - | 36.1 | 42.2 | 34.5 | 36.3 | 32.3 | 30.7 | 29.9 | 27.8 | 27.1 | 25.2 | 23.3 | 136 |
| 144 | - | - | - | - | - | - | - | 17.5 | 38.1 | 31.9 | 33.4 | 29.5 | 28.5 | 27.9 | 25.9 | 25.2 | 23.3 | 21.4 | 144 |
| 152 | - | - | - | - | - | - | - | - | 28.0 | 29.5 | 30.9 | 27.0 | 26.4 | 25.8 | 24.0 | 23.4 | 21.4 | 19.5 | 152 |
| 160 | - | - | - | - | - | - | - | - | 24.2 | 27.6 | 28.3 | 24.7 | 24.5 | 24.2 | 22.4 | 21.8 | 20.0 | 18.1 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | 14.7 | 26.1 | 22.6 | 22.7 | 22.6 | 20.9 | 20.4 | 18.6 | 16.7 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | 13.8 | 24.1 | 20.6 | 20.8 | 21.2 | 19.4 | 19.0 | 17.2 | 15.3 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 19.1 | 19.0 | 19.6 | 18.0 | 17.7 | 15.9 | 14.4 | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 17.3 | 17.3 | 18.0 | 16.7 | 16.5 | 14.7 | 13.2 | 192 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 14.2 | 16.3 | 16.5 | 15.5 | 15.3 | 13.5 | 12.0 | 200 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | 11.2 | 14.7 | 15.1 | 14.2 | 14.2 | 12.4 | 10.9 | 208 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | 10.4 | 12.7 | 13.8 | 12.9 | 13.1 | 11.6 | 10.1 | 216 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | 12.1 | 11.8 | 11.9 | 10.1 | 8.6 | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.6 | 10.7 | 9.6 | 8.1 | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.3 | 9.6 | 8.6 | 7.6 | 240 |
| 1) | 73.6 | 73.6 | 53.4 | 41.0 | 32.0 | 25.6 | 19.8 | 15.7 | 11.2 | 7.7 | 4.0 | - | - | - | - | - | - | - | 1) |

1) Capacities with horizontal boom

2)  286,600 lbs

* over rear

** Max. crane capacity – with additional special equipment

Operation

HA

| 330,700 lbs | | 19.7 ft (XL) | | 27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | | | | | | | | | | | | | |
|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------|------|-------|------|-------|------|-------|------|-------|---|-------|---|-------|---|-------|---|-------|---|-------|-----|
| 48.6 | | 65.0 | | 81.4 | | 97.8 | | 114.2 | | 130.6 | | 147.0 | | 163.4 | | 179.8 | | 196.2 | | 212.6 | | 229.0 | | 245.4 | | 254.9 | | 262.5 | |
| ft | | 1,000 lbs | | | | | | | | | | | | | | | | | | | | | | | | ft | | | |
| 10 | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 12 | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| 14 | 417.5 ²⁾ | 418.6 ²⁾ | 417.5 ²⁾ | 405.1 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 |
| 16 | 384.9 ²⁾ | 387.1 ²⁾ | 385.7 ²⁾ | 385.4 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 |
| 18 | 360.0 ³⁾ | 362.2 ³⁾ | 361.1 ³⁾ | 358.8 ³⁾ | 333.7 ³⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 |
| 20 | 337.0 ⁴⁾ | 338.2 ⁴⁾ | 338.1 ⁴⁾ | 336.0 ⁴⁾ | 322.1 ⁴⁾ | 273.7 ⁴⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 293.4 ⁴⁾ | 295.6 ⁴⁾ | 294.9 ⁴⁾ | 293.8 ⁴⁾ | 285.6 ⁴⁾ | 263.6 ⁴⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 24 |
| 28 | 261.5 ⁵⁾ | 263.7 ⁵⁾ | 263.7 ⁵⁾ | 262.0 ⁵⁾ | 257.8 ⁵⁾ | 248.6 ⁵⁾ | 206.2 ⁵⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 |
| 32 | 232.5 ⁵⁾ | 235.5 ⁵⁾ | 235.5 ⁵⁾ | 233.6 ⁵⁾ | 231.4 ⁵⁾ | 228.9 ⁵⁾ | 192.8 ⁵⁾ | 166.8 ⁵⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 |
| 36 | 213.2 ⁶⁾ | 215.9 ⁶⁾ | 215.9 ⁶⁾ | 214.5 ⁶⁾ | 212.3 ⁶⁾ | 211.4 ⁶⁾ | 180.2 ⁶⁾ | 155.5 ⁶⁾ | 135.5 ⁶⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 |
| 40 | - | 197.4 | 197.4 | 196.1 | 196.1 | 193.7 | 169.2 | 144.3 | 128.0 | 109.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 |
| 48 | - | 166.0 | 166.2 | 164.7 | 167.1 | 164.0 | 150.8 | 124.3 | 113.5 | 99.3 | 87.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 |
| 56 | - | 115.3 | 142.3 | 140.7 | 143.1 | 140.9 | 136.6 | 108.0 | 100.4 | 89.0 | 79.8 | 69.5 | 61.6 | 57.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | - | 71.2 | 121.2 | 122.0 | 124.2 | 122.0 | 124.0 | 94.8 | 88.8 | 79.8 | 72.1 | 64.1 | 57.9 | 54.9 | 51.4 | 48.1 | - | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | - | - | 91.7 | 108.3 | 109.0 | 106.6 | 109.5 | 83.4 | 78.9 | 71.8 | 65.2 | 59.0 | 53.7 | 51.4 | 48.1 | 44.7 | - | - | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | - | - | - | 93.3 | 96.8 | 96.7 | 97.1 | 73.4 | 70.6 | 65.2 | 59.1 | 54.2 | 49.7 | 47.2 | 44.7 | 41.6 | - | - | - | - | - | - | - | - | - | - | - | - | 80 |
| 88 | - | - | - | 64.5 | 85.1 | 88.7 | 86.7 | 65.5 | 62.9 | 59.3 | 54.0 | 49.9 | 46.0 | 43.4 | 41.6 | 38.6 | - | - | - | - | - | - | - | - | - | - | - | - | 88 |
| 96 | - | - | - | - | 72.1 | 80.1 | 77.3 | 58.9 | 56.3 | 53.7 | 49.7 | 45.8 | 42.6 | 40.2 | 38.6 | 36.6 | - | - | - | - | - | - | - | - | - | - | - | - | 96 |
| 104 | - | - | - | - | 56.5 | 70.3 | 69.1 | 53.3 | 50.7 | 49.0 | 45.7 | 42.3 | 39.8 | 37.2 | 35.6 | 34.0 | - | - | - | - | - | - | - | - | - | - | - | - | 104 |
| 112 | - | - | - | - | - | 59.2 | 62.0 | 50.6 | 45.8 | 45.2 | 41.9 | 39.1 | 37.1 | 34.7 | 33.2 | 32.2 | - | - | - | - | - | - | - | - | - | - | - | - | 112 |
| 120 | - | - | - | - | - | 36.7 | 54.6 | 48.1 | 41.4 | 42.1 | 38.3 | 36.0 | 34.5 | 32.3 | 30.9 | 29.0 | - | - | - | - | - | - | - | - | - | - | - | - | 120 |
| 128 | - | - | - | - | - | - | 45.5 | 45.4 | 37.9 | 39.1 | 35.1 | 33.3 | 32.2 | 30.0 | 29.0 | 28.0 | - | - | - | - | - | - | - | - | - | - | - | - | 128 |
| 136 | - | - | - | - | - | - | 36.1 | 42.2 | 34.5 | 36.3 | 32.3 | 30.7 | 29.9 | 27.8 | 27.1 | 26.1 | - | - | - | - | - | - | - | - | - | - | - | - | 136 |
| 144 | - | - | - | - | - | - | 17.5 | 38.1 | 31.9 | 33.4 | 29.5 | 28.5 | 27.9 | 25.9 | 25.2 | 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | 144 |
| 152 | - | - | - | - | - | - | - | 28.0 | 29.5 | 30.9 | 27.0 | 26.4 | 25.8 | 24.0 | 23.4 | 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | 152 |
| 160 | - | - | - | - | - | - | - | 24.2 | 27.6 | 28.3 | 24.7 | 24.5 | 24.2 | 22.4 | 21.8 | 21.8 | - | - | - | - | - | - | - | - | - | - | - | - | 160 |
| 168 | - | - | - | - | - | - | - | - | 14.7 | 26.1 | 22.6 | 22.7 | 22.6 | 20.9 | 20.4 | 20.4 | - | - | - | - | - | - | - | - | - | - | - | - | 168 |
| 176 | - | - | - | - | - | - | - | - | 13.8 | 24.1 | 20.6 | 20.8 | 21.2 | 19.4 | 19.0 | 19.0 | - | - | - | - | - | - | - | - | - | - | - | - | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | - | 19.1 | 19.0 | 19.6 | 18.0 | 17.7 | - | - | - | - | - | - | - | - | - | - | - | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | - | 17.3 | 17.3 | 18.0 | 16.7 | 16.5 | - | - | - | - | - | - | - | - | - | - | - | 192 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - | 14.2 | 16.3 | 16.5 | 15.5 | 15.3 | - | - | - | - | - | - | - | - | - | - | - | 200 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | 11.2 | 14.7 | 15.1 | 14.2 | 14.2 | - | - | - | - | - | - | - | - | - | - | - | 208 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | 10.4 | 12.7 | 13.8 | 12.9 | 13.1 | - | - | - | - | - | - | - | - | - | - | - | 216 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12.1 | 11.8 | 11.9 | - | - | - | - | - | - | - | - | - | - | - | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.6 | 10.7 | - | - | - | - | - | - | - | - | - | - | - | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.3 | 9.6 | - | - | - | - | - | - | - | - | - | - | - | 240 |
| 1) | 73.6 ⁶⁾ | 53.4 | 41.0 | 32.0 | 25.6 | 19.8 | 15.7 | 11.2 | 7.7 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1) | |

1) Capacities with horizontal boom

- 2) 220,500 lbs
- 3) 242,500 lbs
- 4) 264,600 lbs
- 5) 286,600 lbs
- 6) 308,700 lbs

Operation

HA

| 264,600 lbs | | 19.7 ft (XL) | | | | 27.0 ft x 27.7 ft | | | | | | 360° | | | ASME B30.5 | | |
|-------------|--|---------------------|---------------------|---------------------|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-----|
| | | | | | | (ft) | | | | | | | | | | | |
| | | 48.6 | 65.0 | 81.4 | 97.8 | 114.2 | 130.6 | 147.0 | 163.4 | 179.8 | 196.2 | 212.6 | 229.0 | 245.4 | 254.9 | 262.5 | |
| ft | | 1,000 lbs | | | | | | | | | | | | | | | ft |
| 10 | | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 12 | | 431.0 ²⁾ | 431.0 ²⁾ | 431.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| 14 | | 417.5 ²⁾ | 418.6 ²⁾ | 417.5 ²⁾ | 405.1 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | 14 |
| 16 | | 384.9 ²⁾ | 387.1 ²⁾ | 385.7 ²⁾ | 385.4 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | 16 |
| 18 | | 360.0 ³⁾ | 362.2 ³⁾ | 361.1 ³⁾ | 358.8 ³⁾ | 333.7 ³⁾ | - | - | - | - | - | - | - | - | - | - | 18 |
| 20 | | 337.0 | 338.2 | 338.1 | 336.0 | 322.1 | 273.7 | - | - | - | - | - | - | - | - | - | 20 |
| 24 | | 293.4 | 295.6 | 294.9 | 293.8 | 285.6 | 263.6 | - | - | - | - | - | - | - | - | - | 24 |
| 28 | | 258.7 | 260.9 | 260.9 | 259.8 | 256.6 | 248.6 | 206.2 | - | - | - | - | - | - | - | - | 28 |
| 32 | | 230.3 | 232.5 | 232.5 | 231.4 | 229.2 | 228.9 | 192.8 | 166.8 | - | - | - | - | - | - | - | 32 |
| 36 | | 208.4 | 211.0 | 211.0 | 209.7 | 211.1 | 209.6 | 180.2 | 155.5 | 135.5 | - | - | - | - | - | - | 36 |
| 40 | | - | 190.6 | 190.6 | 189.3 | 191.7 | 189.3 | 169.2 | 144.3 | 128.0 | 109.7 | - | - | - | - | - | 40 |
| 48 | | - | 160.4 | 160.4 | 158.8 | 161.0 | 159.0 | 150.8 | 124.3 | 113.5 | 99.3 | 87.0 | - | - | - | - | 48 |
| 56 | | - | 115.3 | 135.6 | 134.2 | 136.7 | 134.2 | 136.3 | 108.0 | 100.4 | 89.0 | 79.8 | 69.5 | 61.6 | 57.7 | - | 56 |
| 64 | | - | 71.2 | 114.6 | 117.5 | 115.7 | 115.9 | 116.1 | 94.8 | 88.8 | 79.8 | 72.1 | 64.1 | 57.9 | 54.9 | 51.4 | 64 |
| 72 | | - | - | 91.7 | 100.9 | 99.1 | 102.2 | 99.3 | 83.4 | 78.9 | 71.8 | 65.2 | 59.0 | 53.7 | 51.4 | 48.1 | 72 |
| 80 | | - | - | - | 87.2 | 87.7 | 88.0 | 85.2 | 73.4 | 70.6 | 65.2 | 59.1 | 54.2 | 49.7 | 47.2 | 44.7 | 80 |
| 88 | | - | - | - | 64.5 | 78.6 | 76.6 | 73.7 | 65.5 | 62.9 | 59.3 | 54.0 | 49.9 | 46.0 | 43.4 | 41.6 | 88 |
| 96 | | - | - | - | - | 69.3 | 67.2 | 64.3 | 58.9 | 56.3 | 53.7 | 49.7 | 45.8 | 42.6 | 40.2 | 38.6 | 96 |
| 104 | | - | - | - | - | 56.1 | 59.5 | 56.7 | 53.3 | 50.7 | 49.0 | 45.7 | 42.3 | 39.8 | 37.2 | 35.6 | 104 |
| 112 | | - | - | - | - | - | 53.0 | 50.2 | 50.5 | 45.8 | 45.2 | 41.9 | 39.1 | 37.1 | 34.7 | 33.2 | 112 |
| 120 | | - | - | - | - | - | 36.7 | 44.9 | 47.1 | 41.4 | 42.1 | 38.3 | 36.0 | 34.5 | 32.3 | 30.9 | 120 |
| 128 | | - | - | - | - | - | - | 41.5 | 42.3 | 37.1 | 39.1 | 35.1 | 33.3 | 32.2 | 30.0 | 29.0 | 128 |
| 136 | | - | - | - | - | - | - | 36.1 | 38.3 | 34.3 | 36.2 | 32.3 | 30.7 | 29.9 | 27.8 | 27.1 | 136 |
| 144 | | - | - | - | - | - | - | 17.5 | 34.6 | 31.0 | 32.6 | 29.5 | 28.5 | 27.9 | 25.9 | 25.2 | 144 |
| 152 | | - | - | - | - | - | - | - | 28.0 | 28.5 | 29.1 | 26.7 | 26.4 | 25.8 | 24.0 | 23.4 | 152 |
| 160 | | - | - | - | - | - | - | - | 24.2 | 27.6 | 26.3 | 23.8 | 24.5 | 24.2 | 22.4 | 21.8 | 160 |
| 168 | | - | - | - | - | - | - | - | - | 14.7 | 23.6 | 21.8 | 22.4 | 22.6 | 20.9 | 20.4 | 168 |
| 176 | | - | - | - | - | - | - | - | - | 13.8 | 21.5 | 20.3 | 20.0 | 21.2 | 19.4 | 19.0 | 176 |
| 184 | | - | - | - | - | - | - | - | - | - | - | 18.9 | 18.4 | 19.1 | 18.0 | 17.7 | 184 |
| 192 | | - | - | - | - | - | - | - | - | - | - | 17.2 | 17.2 | 17.0 | 16.6 | 16.4 | 192 |
| 200 | | - | - | - | - | - | - | - | - | - | - | 14.2 | 16.3 | 15.3 | 14.8 | 15.0 | 200 |
| 208 | | - | - | - | - | - | - | - | - | - | - | 11.2 | 14.7 | 13.6 | 13.2 | 13.4 | 208 |
| 216 | | - | - | - | - | - | - | - | - | - | - | 10.4 | 12.7 | 12.0 | 11.6 | 11.8 | 216 |
| 224 | | - | - | - | - | - | - | - | - | - | - | - | - | 10.7 | 10.2 | 10.4 | 224 |
| 232 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.9 | 9.1 | 232 |
| 240 | | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.7 | 7.9 | 240 |
| 1) | | 73.6 | 53.4 | 41.0 | 32.0 | 25.6 | 19.8 | 15.7 | 11.2 | 7.7 | 4.0 | - | - | - | - | - | 1) |



















1) Capacities with horizontal boom

2)  220,500 lbs

3)  242,500 lbs

Operation
















HA

|  132,300 lbs | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | | | | | | | | | | | | | |
|---|-------|--|-------|---|-------|--|-------|---|-------|---|------|---|------|---|------|--|---|---|---|---|---|---|---|---|---|---|---|---|--|
|  48.6 | |  65.0 | |  81.4 | |  97.8 | |  114.2 | |  130.6 | |  147.0 | |  163.4 | |  179.8 | |  196.2 | |  212.6 | |  229.0 | |  245.4 | |  254.9 | |  262.5 | |
| ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 431.0 | 431.0 | 431.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | |
| 12 | 426.8 | 427.2 | 426.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | |
| 14 | 401.9 | 403.0 | 402.0 | 396.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | |
| 16 | 368.1 | 370.0 | 369.2 | 368.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | |
| 18 | 340.1 | 342.3 | 341.8 | 340.7 | 329.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 | |
| 20 | 314.1 | 316.3 | 316.3 | 315.2 | 313.0 | 273.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | |
| 24 | 272.1 | 274.7 | 274.7 | 273.6 | 271.8 | 255.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 24 | |
| 28 | 232.9 | 235.9 | 236.5 | 235.0 | 230.8 | 214.0 | 202.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 | |
| 32 | 198.0 | 201.5 | 201.8 | 204.7 | 194.5 | 185.6 | 176.9 | 164.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | |
| 36 | 169.3 | 175.9 | 173.7 | 175.2 | 168.1 | 164.7 | 153.7 | 144.0 | 135.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 | |
| 40 | - | 145.1 | 146.8 | 146.2 | 150.2 | 142.4 | 132.5 | 125.8 | 118.0 | 109.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 | |
| 48 | - | 108.0 | 108.2 | 112.8 | 111.7 | 109.3 | 104.1 | 98.3 | 94.9 | 91.9 | 86.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | |
| 56 | - | 83.2 | 86.0 | 86.7 | 85.6 | 83.2 | 83.2 | 82.2 | 78.0 | 76.1 | 71.5 | 69.3 | 61.6 | 57.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 | |
| 64 | - | 68.3 | 68.5 | 69.1 | 68.0 | 68.0 | 68.6 | 67.5 | 65.1 | 62.9 | 61.5 | 58.4 | 57.2 | 54.9 | 51.4 | - | - | - | - | - | - | - | - | - | - | - | - | 64 | |
| 72 | - | - | 56.0 | 56.3 | 56.1 | 57.8 | 56.6 | 54.7 | 54.4 | 54.0 | 52.8 | 52.0 | 48.5 | 47.4 | 47.1 | - | - | - | - | - | - | - | - | - | - | - | - | 72 | |
| 80 | - | - | - | 47.1 | 49.7 | 48.6 | 47.9 | 46.5 | 46.0 | 45.9 | 46.4 | 44.1 | 41.1 | 39.9 | 39.9 | - | - | - | - | - | - | - | - | - | - | - | - | 80 | |
| 88 | - | - | - | 41.4 | 42.4 | 41.3 | 40.6 | 40.4 | 40.0 | 40.2 | 39.1 | 37.1 | 34.5 | 33.3 | 33.2 | - | - | - | - | - | - | - | - | - | - | - | - | 88 | |
| 96 | - | - | - | - | 36.5 | 35.4 | 36.1 | 34.5 | 35.2 | 34.3 | 33.0 | 30.9 | 28.7 | 27.6 | 27.6 | - | - | - | - | - | - | - | - | - | - | - | - | 96 | |
| 104 | - | - | - | - | 31.6 | 30.6 | 31.5 | 31.2 | 30.8 | 29.1 | 27.9 | 25.7 | 23.9 | 22.8 | 22.8 | - | - | - | - | - | - | - | - | - | - | - | - | 104 | |
| 112 | - | - | - | - | - | 28.5 | 27.3 | 27.4 | 26.5 | 24.9 | 23.6 | 21.6 | 19.6 | 18.8 | 19.0 | - | - | - | - | - | - | - | - | - | - | - | - | 112 | |
| 120 | - | - | - | - | - | 19.8 | 24.0 | 23.9 | 23.3 | 21.3 | 20.2 | 18.0 | 16.1 | 15.6 | 15.6 | - | - | - | - | - | - | - | - | - | - | - | - | 120 | |
| 128 | - | - | - | - | - | - | 21.7 | 20.7 | 20.2 | 18.2 | 17.1 | 14.9 | 13.1 | 12.8 | 12.8 | - | - | - | - | - | - | - | - | - | - | - | - | 128 | |
| 136 | - | - | - | - | - | - | 19.1 | 18.0 | 17.4 | 15.5 | 14.3 | 12.2 | 10.5 | 10.1 | 10.2 | - | - | - | - | - | - | - | - | - | - | - | - | 136 | |
| 144 | - | - | - | - | - | - | 17.0 | 15.7 | 15.1 | 13.1 | 12.0 | 9.8 | 8.0 | 7.8 | 7.8 | - | - | - | - | - | - | - | - | - | - | - | - | 144 | |
| 152 | - | - | - | - | - | - | - | 9.3 | 13.0 | 11.0 | 9.9 | 7.9 | 6.0 | 5.7 | 5.9 | - | - | - | - | - | - | - | - | - | - | - | - | 152 | |
| 160 | - | - | - | - | - | - | - | 7.6 | 11.2 | 9.3 | 8.1 | 6.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 160 | |
| 168 | - | - | - | - | - | - | - | - | 9.6 | 7.7 | 6.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 168 | |
| 176 | - | - | - | - | - | - | - | - | 8.2 | 6.4 | 5.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 176 | |
| 1) | 73.6 | 53.4 | 41.0 | 32.0 | 25.6 | 19.8 | 15.7 | 11.2 | 7.7 | 4.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1) | |

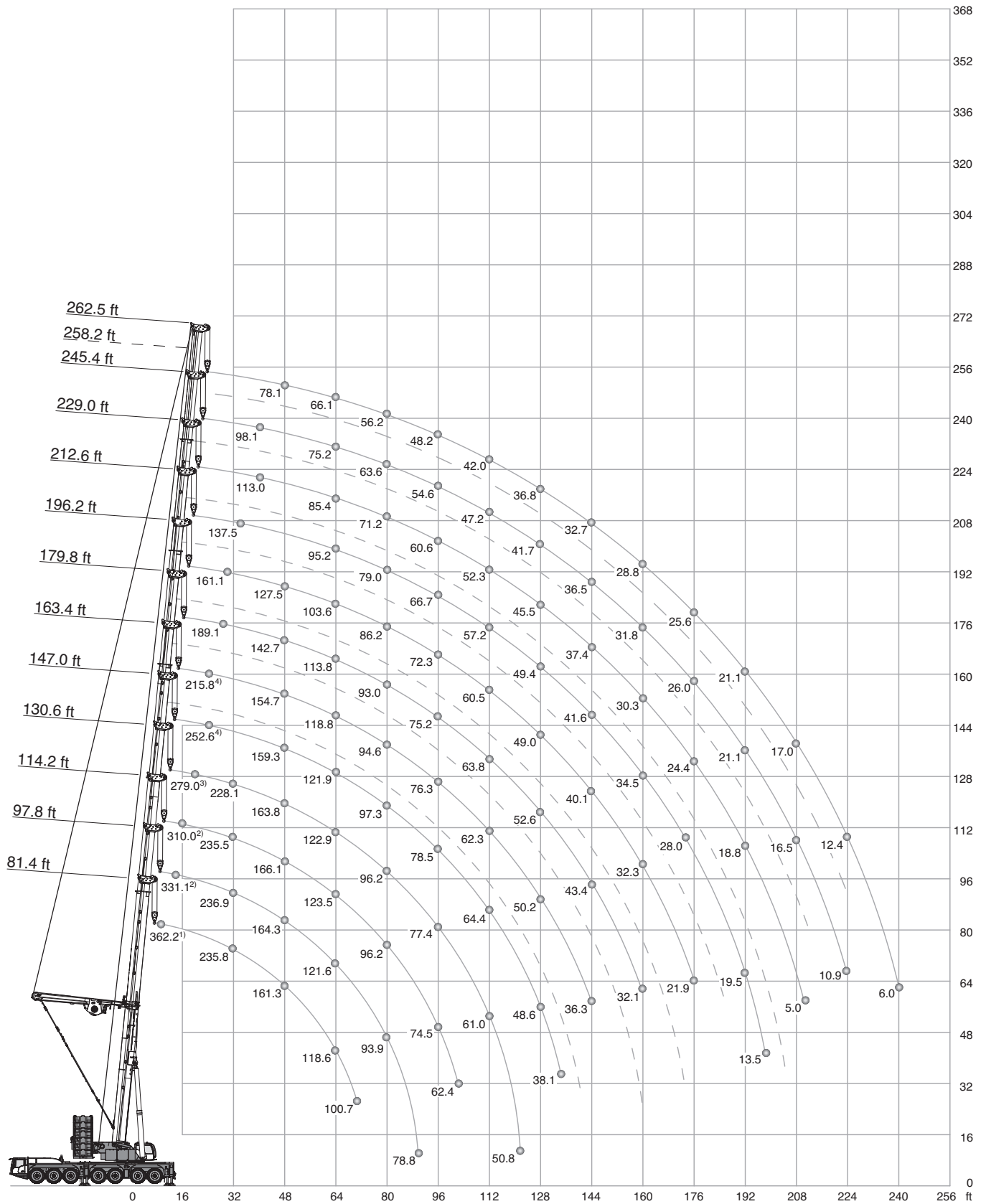
1) Capacities with horizontal boom

Operation

HA






|  44,100 lbs | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|--|-------|---|-------|--|-------|---|------|---|------|---|------|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|--|--|
|  48.6 | |  65.0 | |  81.4 | |  97.8 | |  114.2 | |  130.6 | |  147.0 | |  163.4 | |  179.8 | |  196.2 | |  212.6 | |  229.0 | | 245.4 | | 254.9 | | 262.5 | | | |
| ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | ft | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 431.0 | 431.0 | 431.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | | |
| 12 | 420.6 | 421.3 | 420.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 | | |
| 14 | 382.6 | 384.8 | 384.8 | 374.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 | | |
| 16 | 350.2 | 352.4 | 348.2 | 317.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 | | |
| 18 | 313.4 | 314.5 | 298.8 | 273.3 | 243.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 | | |
| 20 | 276.1 | 274.4 | 255.2 | 229.5 | 213.9 | 190.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | | |
| 24 | 209.1 | 200.3 | 184.7 | 175.7 | 160.4 | 147.4 | 137.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 24 | | |
| 28 | 141.8 | 147.8 | 145.7 | 136.5 | 126.0 | 120.2 | 113.6 | 102.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 28 | | |
| 32 | 100.5 | 112.6 | 115.4 | 109.9 | 105.5 | 99.9 | 93.8 | 89.9 | 80.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32 | | |
| 36 | 77.8 | 92.2 | 92.6 | 90.6 | 90.9 | 85.3 | 82.2 | 78.5 | 73.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 36 | | |
| 40 | - | 72.1 | 75.2 | 77.2 | 76.4 | 72.4 | 71.4 | 67.0 | 63.1 | 58.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 | | |
| 48 | - | 49.8 | 52.5 | 54.3 | 55.8 | 55.9 | 54.4 | 51.5 | 48.5 | 44.7 | 41.3 | 37.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 | | |
| 56 | - | 35.8 | 38.5 | 40.0 | 42.0 | 41.3 | 41.8 | 39.8 | 37.7 | 34.4 | 31.5 | 27.5 | 23.8 | 22.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 | | |
| 64 | - | 26.2 | 28.7 | 30.4 | 32.2 | 31.7 | 31.9 | 30.6 | 29.0 | 25.9 | 23.2 | 19.4 | 15.7 | 14.3 | 14.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 64 | | |
| 72 | - | - | 21.7 | 23.1 | 25.1 | 24.4 | 24.8 | 23.3 | 22.2 | 19.3 | 16.9 | 13.4 | 10.0 | 8.7 | 8.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 72 | | |
| 80 | - | - | - | 17.8 | 19.6 | 19.1 | 19.3 | 18.0 | 17.0 | 14.4 | 12.2 | 8.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 80 | | |
| 88 | - | - | - | 13.8 | 15.3 | 14.8 | 15.0 | 13.7 | 12.9 | 10.5 | 8.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 88 | | |
| 96 | - | - | - | - | 11.9 | 11.5 | 11.6 | 10.2 | 9.7 | 7.4 | 5.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 96 | | |
| 104 | - | - | - | - | 9.2 | 8.7 | 8.7 | 7.6 | 6.9 | 4.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 104 | | |
| 112 | - | - | - | - | - | 6.3 | 6.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 112 | | |
| 1) | 49.8 | 28.7 | 19.0 | 12.1 | 7.7 | 3.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1) | | |





1) Capacities with horizontal boom



Operation









HA-SSL

|  330,700 lbs | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | | | | |
|---|---|---|-------|--|-------|-------------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|  (ft)  | | | | | | | | | | | | | | | | | | | | |
| 1,000 lbs | | | | | | | | | | | | | | | | | | | | |
| ft | 81.4 | 97.8 | 114.2 | 130.6 | 147.0 | 152.6 | 163.4 | 171.6 | 179.8 | 186.0 | 196.2 | 204.4 | 212.6 | 218.8 | 229.0 | 237.2 | 245.4 | 258.2 | 262.5 | ft |
| 10 | 362.2 ¹⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 |
| 12 | 356.9 ¹⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12 |
| 14 | 352.1 ²⁾ 331.1 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14 |
| 16 | 348.9 ²⁾ 325.2 ²⁾ 310.0 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 16 |
| 18 | 338.7 ²⁾ 319.8 ²⁾ 303.8 ²⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 |
| 20 | 329.4 ³⁾ 313.1 ³⁾ 297.6 ³⁾ 279.0 ³⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 |
| 24 | 294.5 ⁴⁾ 291.1 ⁴⁾ 279.6 ⁴⁾ 265.6 ⁴⁾ 252.6 ⁴⁾ 230.2 ⁴⁾ 215.8 ⁴⁾ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 24 |
| 28 | 264.2 | 263.2 | 256.5 | 247.5 | 237.6 | 221.1 | 211.6 | 203.4 | 189.1 | - | - | - | - | - | - | - | - | - | - | 28 |
| 30 | 249.3 | 250.4 | 248.3 | 237.9 | 228.0 | 216.5 | 206.5 | 198.2 | 184.5 | 171.8 | 161.1 | - | - | - | - | - | - | - | - | 30 |
| 32 | 235.8 | 236.9 | 235.5 | 228.1 | 218.7 | 210.8 | 201.4 | 192.7 | 179.5 | 167.4 | 157.1 | - | - | - | - | - | - | - | - | 32 |
| 34 | 224.0 | 226.4 | 225.4 | 219.7 | 210.9 | 204.3 | 195.8 | 187.2 | 174.6 | 163.0 | 153.1 | 145.2 | 137.5 | 124.8 | - | - | - | - | - | 34 |
| 36 | 213.2 | 216.1 | 216.3 | 210.9 | 203.0 | 197.2 | 189.9 | 181.7 | 169.7 | 158.7 | 149.2 | 141.7 | 134.4 | 121.8 | - | - | - | - | - | 36 |
| 40 | 192.5 | 195.4 | 196.9 | 193.1 | 187.5 | 181.7 | 178.1 | 171.2 | 160.4 | 150.4 | 141.7 | 134.7 | 128.2 | 120.8 | 113.0 | 105.5 | 98.1 | - | - | 40 |
| 48 | 161.3 | 164.3 | 166.1 | 163.8 | 159.3 | 157.1 | 154.7 | 151.2 | 142.7 | 134.5 | 127.5 | 121.6 | 116.1 | 109.9 | 103.0 | 96.3 | 89.7 | 81.4 | 78.1 | 48 |
| 56 | 137.4 | 140.3 | 142.3 | 141.2 | 137.7 | 136.5 | 134.1 | 131.7 | 127.5 | 120.7 | 114.7 | 109.8 | 105.1 | 99.7 | 93.7 | 88.0 | 82.1 | 74.8 | 71.8 | 56 |
| 64 | 118.6 | 121.6 | 123.5 | 122.9 | 121.9 | 118.8 | 118.8 | 117.0 | 113.8 | 108.5 | 103.6 | 99.3 | 95.2 | 90.6 | 85.4 | 80.4 | 75.2 | 68.8 | 66.1 | 64 |
| 72 | 100.7 | 106.6 | 108.3 | 108.3 | 107.0 | 106.9 | 104.8 | 105.4 | 102.3 | 98.3 | 94.1 | 90.1 | 86.4 | 82.2 | 77.8 | 73.6 | 69.1 | 63.2 | 61.0 | 72 |
| 80 | - | 93.9 | 96.2 | 96.2 | 97.3 | 94.9 | 94.6 | 93.8 | 93.0 | 89.5 | 86.2 | 82.5 | 79.0 | 75.3 | 71.2 | 67.5 | 63.6 | 58.4 | 56.2 | 80 |
| 88 | - | 78.8 | 85.8 | 86.0 | 87.1 | 86.3 | 85.0 | 84.9 | 83.1 | 81.8 | 79.2 | 75.6 | 72.7 | 69.3 | 65.5 | 62.1 | 58.7 | 53.9 | 52.0 | 88 |
| 96 | - | 56.1 | 74.5 | 77.4 | 78.5 | 78.5 | 76.3 | 77.0 | 75.2 | 74.6 | 72.3 | 69.9 | 66.7 | 63.8 | 60.6 | 57.5 | 54.6 | 49.9 | 48.2 | 96 |
| 104 | - | - | 62.4 | 69.7 | 71.0 | 71.2 | 68.8 | 69.6 | 69.5 | 67.2 | 66.8 | 64.4 | 62.0 | 59.0 | 55.9 | 53.2 | 50.7 | 46.5 | 44.9 | 104 |
| 112 | - | - | - | 61.0 | 64.4 | 64.9 | 62.3 | 62.9 | 63.8 | 62.4 | 60.5 | 59.1 | 57.2 | 54.9 | 52.3 | 49.4 | 47.2 | 43.3 | 42.0 | 112 |
| 120 | - | - | - | 50.8 | 56.8 | 58.0 | 56.2 | 56.9 | 58.0 | 57.8 | 54.4 | 54.9 | 52.9 | 51.0 | 48.8 | 46.5 | 44.3 | 40.4 | 39.3 | 120 |
| 128 | - | - | - | 36.3 | 48.6 | 50.6 | 50.2 | 51.6 | 52.6 | 52.8 | 49.0 | 49.9 | 49.4 | 47.7 | 45.5 | 43.5 | 41.7 | 38.0 | 36.8 | 128 |
| 136 | - | - | - | - | 38.1 | 42.0 | 43.6 | 46.2 | 47.8 | 48.0 | 44.2 | 45.1 | 45.7 | 44.8 | 41.6 | 40.6 | 39.0 | 35.8 | 34.7 | 136 |
| 144 | - | - | - | - | - | 30.1 | 36.3 | 40.2 | 43.4 | 43.6 | 40.1 | 40.8 | 41.6 | 41.6 | 37.4 | 37.8 | 36.5 | 33.6 | 32.7 | 144 |
| 152 | - | - | - | - | - | - | - | 33.2 | 38.0 | 39.4 | 36.3 | 37.2 | 37.9 | 37.9 | 33.7 | 34.1 | 34.3 | 31.5 | 30.6 | 152 |
| 160 | - | - | - | - | - | - | - | 22.9 | 32.1 | 34.2 | 32.3 | 33.8 | 34.5 | 34.7 | 30.3 | 30.7 | 31.8 | 29.6 | 28.8 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | 27.9 | 27.3 | 30.0 | 31.2 | 31.7 | 27.3 | 27.7 | 28.8 | 27.7 | 27.2 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | 20.5 | 21.9 | 25.6 | 28.0 | 28.9 | 24.4 | 24.9 | 26.0 | 25.6 | 25.6 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 19.9 | 24.0 | 25.7 | 21.7 | 22.5 | 23.5 | 23.3 | 23.4 | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | - | 19.5 | 22.3 | 18.8 | 20.1 | 21.1 | 21.0 | 21.1 | 192 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.5 | 18.1 | 15.1 | 17.0 | 18.8 | 18.9 | 200 |
| 208 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 12.2 | 10.4 | 13.5 | 16.5 | 16.9 | 208 |
| 216 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.1 | 5.0 | 9.7 | 14.1 | 14.9 | 216 |
| 224 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10.9 | 12.1 | 12.4 | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.4 | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.0 | 240 |

- 1)  242,500 lbs
- 2)  264,600 lbs
- 4)  286,600 lbs
- 4)  308,700 lbs

Operation









HA-SSL

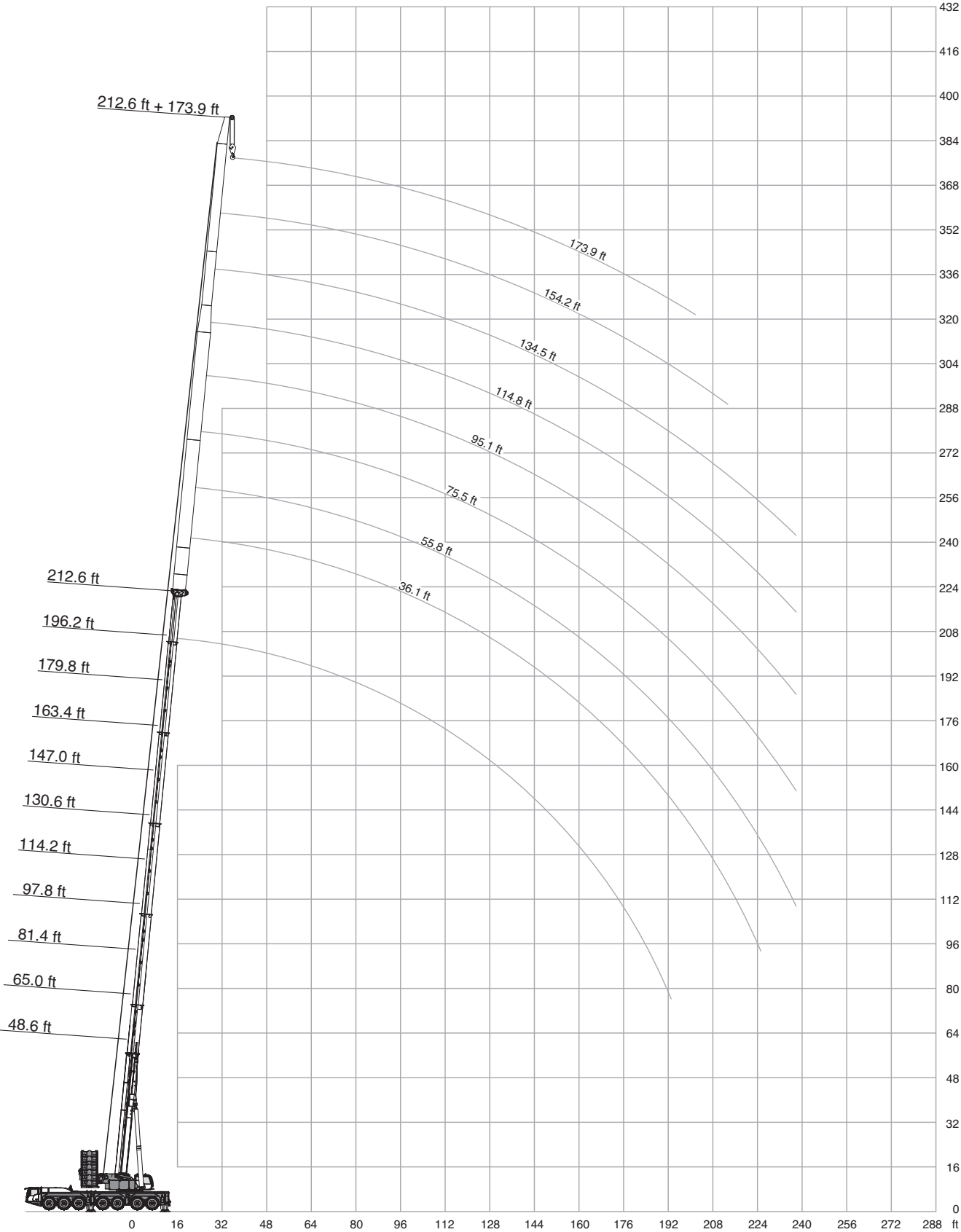
|  264,600 lbs | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | |
|---|---------------------|--|-------|---|-------|---|-------|---|-------|
|  | |  | |  | |  | |  | |
| | | | | | | (ft) | | | |
| | | | | | | | | 1,000 lbs | |
| ft | | | | | | | | ft | |
| 10 | 362.2 ¹⁾ | - | - | - | - | - | - | - | 10 |
| 12 | 356.9 ¹⁾ | - | - | - | - | - | - | - | 12 |
| 14 | 352.1 | 331.1 | - | - | - | - | - | - | 14 |
| 16 | 348.9 | 325.2 | 310.0 | - | - | - | - | - | 16 |
| 18 | 338.7 | 319.8 | 303.8 | - | - | - | - | - | 18 |
| 20 | 327.1 | 312.8 | 297.6 | 279.0 | - | - | - | - | 20 |
| 24 | 288.2 | 287.1 | 279.2 | 265.6 | 252.6 | 230.2 | 215.8 | - | 24 |
| 28 | 255.4 | 255.4 | 252.9 | 247.5 | 237.6 | 221.1 | 211.6 | 203.4 | 189.1 |
| 30 | 240.5 | 242.8 | 242.7 | 237.6 | 228.0 | 216.5 | 206.5 | 198.2 | 184.5 |
| 32 | 227.0 | 230.0 | 229.2 | 227.3 | 218.7 | 210.8 | 201.4 | 192.7 | 179.5 |
| 34 | 215.7 | 218.8 | 219.3 | 217.6 | 210.9 | 204.3 | 195.8 | 187.2 | 174.6 |
| 36 | 205.9 | 208.6 | 210.0 | 207.3 | 203.0 | 197.2 | 189.9 | 181.7 | 169.7 |
| 40 | 185.8 | 188.4 | 190.2 | 187.9 | 185.8 | 181.7 | 178.1 | 171.2 | 160.4 |
| 48 | 155.5 | 158.4 | 160.1 | 159.3 | 155.5 | 155.8 | 153.1 | 150.9 | 142.7 |
| 56 | 132.4 | 135.2 | 137.1 | 136.4 | 135.7 | 132.8 | 132.8 | 130.2 | 127.5 |
| 64 | 112.6 | 116.1 | 118.3 | 118.1 | 117.4 | 116.2 | 114.3 | 114.9 | 112.6 |
| 72 | 95.8 | 99.6 | 101.6 | 101.5 | 102.8 | 103.0 | 100.4 | 100.5 | 98.4 |
| 80 | - | 86.4 | 88.6 | 88.4 | 89.7 | 89.9 | 87.3 | 88.2 | 87.4 |
| 88 | - | 75.4 | 77.9 | 77.6 | 79.0 | 79.2 | 76.5 | 77.3 | 78.3 |
| 96 | - | 56.1 | 68.7 | 68.4 | 69.6 | 69.9 | 67.3 | 67.9 | 68.9 |
| 104 | - | - | 59.1 | 60.5 | 61.6 | 61.8 | 59.2 | 59.8 | 60.7 |
| 112 | - | - | - | 53.7 | 54.8 | 55.0 | 52.4 | 53.2 | 54.1 |
| 120 | - | - | - | 47.9 | 49.1 | 49.5 | 46.9 | 47.5 | 48.4 |
| 128 | - | - | - | 36.3 | 44.3 | 44.6 | 42.0 | 42.6 | 43.5 |
| 136 | - | - | - | - | 37.4 | 40.4 | 37.6 | 38.2 | 39.1 |
| 144 | - | - | - | - | - | 30.1 | 33.7 | 34.3 | 35.2 |
| 152 | - | - | - | - | - | - | 30.7 | 31.8 | 31.8 |
| 160 | - | - | - | - | - | - | 22.9 | 28.6 | 28.8 |
| 168 | - | - | - | - | - | - | - | 24.9 | 22.2 |
| 176 | - | - | - | - | - | - | - | 20.1 | 19.8 |
| 184 | - | - | - | - | - | - | - | - | 17.5 |
| 192 | - | - | - | - | - | - | - | - | 16.2 |
| 200 | - | - | - | - | - | - | - | - | 12.6 |
| 208 | - | - | - | - | - | - | - | - | 10.9 |
| 216 | - | - | - | - | - | - | - | - | 5.0 |
| 224 | - | - | - | - | - | - | - | - | - |

1)  242,500 lbs

Operation













HA-SSL










|  132,300 lbs | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | |
|---|-------|--|-------|---|-------|---|-------|---|-------|-----|
|  | |  | |  | |  | |  | | |
| | | | | | | (ft) | | | | |
| | | | | | | | | | | |
| ft | | | | | | 1,000 lbs | | ft | | |
| 10 | 362.2 | - | - | - | - | - | - | - | - | 10 |
| 12 | 356.9 | - | - | - | - | - | - | - | - | 12 |
| 14 | 352.1 | 331.1 | - | - | - | - | - | - | - | 14 |
| 16 | 348.9 | 325.2 | 310.0 | - | - | - | - | - | - | 16 |
| 18 | 327.4 | 316.0 | 303.8 | - | - | - | - | - | - | 18 |
| 20 | 308.7 | 305.3 | 296.2 | 279.0 | - | - | - | - | - | 20 |
| 24 | 269.9 | 269.9 | 267.7 | 259.0 | 246.7 | 229.5 | 215.8 | - | - | 24 |
| 28 | 235.5 | 238.3 | 237.7 | 228.5 | 214.4 | 208.8 | 201.2 | 194.5 | 185.8 | 28 |
| 30 | 218.9 | 222.2 | 224.2 | 214.1 | 203.3 | 197.1 | 190.1 | 186.1 | 178.3 | 30 |
| 32 | 202.6 | 206.0 | 207.5 | 198.0 | 189.8 | 184.7 | 178.7 | 174.7 | 168.8 | 32 |
| 34 | 188.8 | 192.3 | 193.4 | 184.5 | 179.4 | 176.3 | 169.1 | 166.6 | 159.4 | 34 |
| 36 | 176.7 | 180.2 | 180.5 | 172.5 | 168.3 | 166.4 | 158.8 | 156.5 | 154.5 | 36 |
| 40 | 148.7 | 153.4 | 155.5 | 149.7 | 146.9 | 145.6 | 138.6 | 137.1 | 136.1 | 40 |
| 48 | 109.3 | 113.5 | 116.2 | 115.9 | 115.9 | 115.3 | 109.4 | 108.4 | 107.9 | 48 |
| 56 | 82.7 | 87.0 | 89.5 | 89.5 | 91.0 | 91.4 | 87.3 | 87.4 | 87.7 | 56 |
| 64 | 64.3 | 68.2 | 70.6 | 70.4 | 71.9 | 72.4 | 69.3 | 70.2 | 71.1 | 64 |
| 72 | 51.0 | 54.7 | 56.9 | 56.9 | 58.3 | 58.7 | 55.6 | 56.5 | 57.6 | 72 |
| 80 | - | 45.0 | 47.2 | 47.0 | 48.3 | 48.6 | 45.6 | 46.5 | 47.6 | 80 |
| 88 | - | 37.0 | 39.3 | 39.0 | 40.4 | 40.8 | 37.7 | 38.6 | 39.7 | 88 |
| 96 | - | 30.6 | 32.9 | 32.4 | 33.8 | 34.2 | 31.0 | 31.9 | 33.0 | 96 |
| 104 | - | - | 27.5 | 27.1 | 28.4 | 28.7 | 25.5 | 26.4 | 27.5 | 104 |
| 112 | - | - | - | 22.5 | 23.8 | 24.2 | 21.2 | 21.8 | 22.9 | 112 |
| 120 | - | - | - | 18.9 | 20.1 | 20.4 | 17.3 | 18.1 | 19.2 | 120 |
| 128 | - | - | - | 15.9 | 16.8 | 17.3 | 14.2 | 14.9 | 15.9 | 128 |
| 136 | - | - | - | - | 14.2 | 14.5 | 11.4 | 12.1 | 13.1 | 136 |
| 144 | - | - | - | - | - | 12.2 | 9.1 | 9.8 | 10.7 | 144 |
| 152 | - | - | - | - | - | - | 7.7 | 8.6 | 8.6 | 152 |
| 160 | - | - | - | - | - | - | 6.0 | 6.8 | 6.8 | 160 |



Operation

LF

|  179.8 ft | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | |
|--|-----------|--|------|---|------|---|------|--|------|--|---|--|---|--|----|--|-----|
|  36.1 ft | |  55.8 ft | |  75.5 ft | |  95.1 ft | |  114.8 ft | |  134.5 ft | |  154.2 ft | |  173.9 ft | |  193.6 ft | |
| ft | 1,000 lbs | | | | | | | | | | | | | | ft | | |
| 48 | 85.1 | 68.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 |
| 56 | 77.7 | 65.6 | 52.7 | 43.4 | - | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | 70.1 | 61.7 | 50.0 | 41.1 | 34.8 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 63.0 | 57.0 | 47.2 | 38.6 | 32.9 | 27.8 | 22.3 | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 57.1 | 52.1 | 44.6 | 36.3 | 30.8 | 26.4 | 21.0 | 17.5 | 14.9 | - | - | - | - | - | - | - | 80 |
| 88 | 51.8 | 47.5 | 42.0 | 34.1 | 28.9 | 24.8 | 19.9 | 16.6 | 14.1 | - | - | - | - | - | - | - | 88 |
| 96 | 47.4 | 43.3 | 39.5 | 32.1 | 27.2 | 23.2 | 18.8 | 15.7 | 13.3 | - | - | - | - | - | - | - | 96 |
| 104 | 43.3 | 39.7 | 36.9 | 30.4 | 25.6 | 21.8 | 17.8 | 14.7 | 12.4 | - | - | - | - | - | - | - | 104 |
| 112 | 39.3 | 36.4 | 34.2 | 28.8 | 24.2 | 20.4 | 16.7 | 13.8 | 11.6 | - | - | - | - | - | - | - | 112 |
| 120 | 35.8 | 33.5 | 31.6 | 27.2 | 22.8 | 19.4 | 15.6 | 13.0 | 10.8 | - | - | - | - | - | - | - | 120 |
| 128 | 32.5 | 30.6 | 29.2 | 25.6 | 21.6 | 18.3 | 14.7 | 12.2 | 10.1 | - | - | - | - | - | - | - | 128 |
| 136 | 29.5 | 27.9 | 26.8 | 24.0 | 20.7 | 17.2 | 13.8 | 11.4 | 9.4 | - | - | - | - | - | - | - | 136 |
| 144 | 26.6 | 25.5 | 24.6 | 22.3 | 19.7 | 16.4 | 13.0 | 10.8 | 8.6 | - | - | - | - | - | - | - | 144 |
| 152 | 23.9 | 23.3 | 22.5 | 20.9 | 18.8 | 15.5 | 12.2 | 10.1 | 8.1 | - | - | - | - | - | - | - | 152 |
| 160 | 21.6 | 21.1 | 20.7 | 19.4 | 17.8 | 14.7 | 11.5 | 9.5 | 7.5 | - | - | - | - | - | - | - | 160 |
| 168 | 19.5 | 19.1 | 19.0 | 18.0 | 16.9 | 13.9 | 10.9 | 8.9 | 6.9 | - | - | - | - | - | - | - | 168 |
| 176 | 17.5 | 17.2 | 17.2 | 16.5 | 15.8 | 13.1 | 10.2 | 8.3 | 6.5 | - | - | - | - | - | - | - | 176 |
| 184 | 15.6 | 15.5 | 15.7 | 15.2 | 14.7 | 12.4 | 9.7 | 7.7 | 5.9 | - | - | - | - | - | - | - | 184 |
| 192 | 13.5 | 13.8 | 14.2 | 13.8 | 13.6 | 11.7 | 9.1 | 7.2 | 5.4 | - | - | - | - | - | - | - | 192 |
| 200 | 10.5 | 12.2 | 12.8 | 12.5 | 12.4 | 10.9 | 8.6 | 6.6 | 5.0 | - | - | - | - | - | - | - | 200 |
| 208 | - | 10.7 | 11.3 | 11.2 | 11.3 | 10.2 | 8.0 | 6.2 | - | - | - | - | - | - | - | - | 208 |
| 216 | - | 9.3 | 9.8 | 10.0 | 10.2 | 9.5 | 7.3 | 5.8 | - | - | - | - | - | - | - | - | 216 |
| 224 | - | - | 8.6 | 8.8 | 9.1 | 8.9 | 6.8 | 5.4 | - | - | - | - | - | - | - | - | 224 |
| 232 | - | - | - | 7.6 | 8.1 | 8.1 | 6.2 | - | - | - | - | - | - | - | - | - | 232 |
| 240 | - | - | - | 6.5 | 7.0 | 7.2 | 5.5 | - | - | - | - | - | - | - | - | - | 240 |
| 248 | - | - | - | 5.5 | 6.0 | 6.2 | - | - | - | - | - | - | - | - | - | - | 248 |

| | | | | |
|---|---|---|---|---|
|  110,200 lbs |  132,300 lbs |  154,300 lbs |  176,400 lbs |  198,400 lbs |
|  220,500 lbs |  242,500 lbs |  264,600 lbs |  286,600 lbs | |

Operation







LF



| 212.6 ft | | 19.7 ft (XL) | | 27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | |
|----------|-----------|--------------|------|-------------------|------|---------|------|------------|---|----------|---|----------|---|----------|---|----------|-----|
| 36.1 ft | | 55.8 ft | | 75.5 ft | | 95.1 ft | | 114.8 ft | | 134.5 ft | | 154.2 ft | | 173.9 ft | | 193.6 ft | |
| ft | 1,000 lbs | | | | | | | | | | | | | | | | ft |
| 56 | 55.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | 53.7 | 45.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 49.7 | 43.0 | 37.7 | 30.6 | - | - | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 45.7 | 40.1 | 35.6 | 30.6 | 24.5 | 18.7 | - | - | - | - | - | - | - | - | - | - | 80 |
| 88 | 42.0 | 36.8 | 33.0 | 29.5 | 24.2 | 18.7 | 16.7 | - | - | - | - | - | - | - | - | - | 88 |
| 96 | 38.7 | 33.9 | 30.5 | 27.3 | 23.1 | 18.7 | 16.3 | 13.6 | - | - | - | - | - | - | - | - | 96 |
| 104 | 35.6 | 31.4 | 28.1 | 25.2 | 21.6 | 18.6 | 15.7 | 13.1 | - | - | - | - | - | - | - | - | 104 |
| 112 | 32.9 | 29.0 | 26.1 | 23.3 | 20.0 | 17.8 | 15.2 | 12.5 | - | - | - | - | - | - | - | - | 112 |
| 120 | 30.3 | 26.8 | 24.2 | 21.7 | 18.4 | 16.7 | 14.4 | 12.0 | - | - | - | - | - | - | - | - | 120 |
| 128 | 27.9 | 24.8 | 22.6 | 20.2 | 17.1 | 15.4 | 13.4 | 11.3 | - | - | - | - | - | - | - | - | 128 |
| 136 | 25.6 | 22.9 | 21.1 | 18.7 | 15.9 | 14.4 | 12.4 | 10.5 | - | - | - | - | - | - | - | - | 136 |
| 144 | 23.5 | 21.2 | 19.7 | 17.5 | 14.8 | 13.3 | 11.5 | 9.9 | - | - | - | - | - | - | - | - | 144 |
| 152 | 21.6 | 19.4 | 18.3 | 16.2 | 13.7 | 12.2 | 10.5 | 9.2 | - | - | - | - | - | - | - | - | 152 |
| 160 | 19.8 | 17.9 | 16.8 | 15.1 | 12.8 | 11.3 | 9.7 | 8.3 | - | - | - | - | - | - | - | - | 160 |
| 168 | 18.2 | 16.5 | 15.5 | 14.0 | 11.9 | 10.5 | 8.9 | 7.6 | - | - | - | - | - | - | - | - | 168 |
| 176 | 16.7 | 15.2 | 14.3 | 12.9 | 10.9 | 9.8 | 8.1 | 6.9 | - | - | - | - | - | - | - | - | 176 |
| 184 | 15.3 | 14.0 | 13.2 | 12.0 | 10.2 | 9.1 | 7.5 | 6.3 | - | - | - | - | - | - | - | - | 184 |
| 192 | 13.8 | 12.7 | 12.1 | 11.1 | 9.5 | 8.5 | 6.9 | 5.6 | - | - | - | - | - | - | - | - | 192 |
| 200 | 12.3 | 11.5 | 11.0 | 10.3 | 8.7 | 7.8 | 6.4 | 5.1 | - | - | - | - | - | - | - | - | 200 |
| 208 | 10.8 | 10.3 | 10.0 | 9.4 | 8.0 | 7.2 | 5.9 | - | - | - | - | - | - | - | - | - | 208 |
| 216 | 9.4 | 9.1 | 9.1 | 8.4 | 7.3 | 6.6 | 5.3 | - | - | - | - | - | - | - | - | - | 216 |
| 224 | 8.1 | 7.9 | 8.0 | 7.5 | 6.6 | 6.0 | - | - | - | - | - | - | - | - | - | - | 224 |
| 232 | - | 6.7 | 7.0 | 6.6 | 6.0 | 5.3 | - | - | - | - | - | - | - | - | - | - | 232 |
| 240 | - | 5.7 | 5.9 | 5.8 | 5.3 | 4.6 | - | - | - | - | - | - | - | - | - | - | 240 |

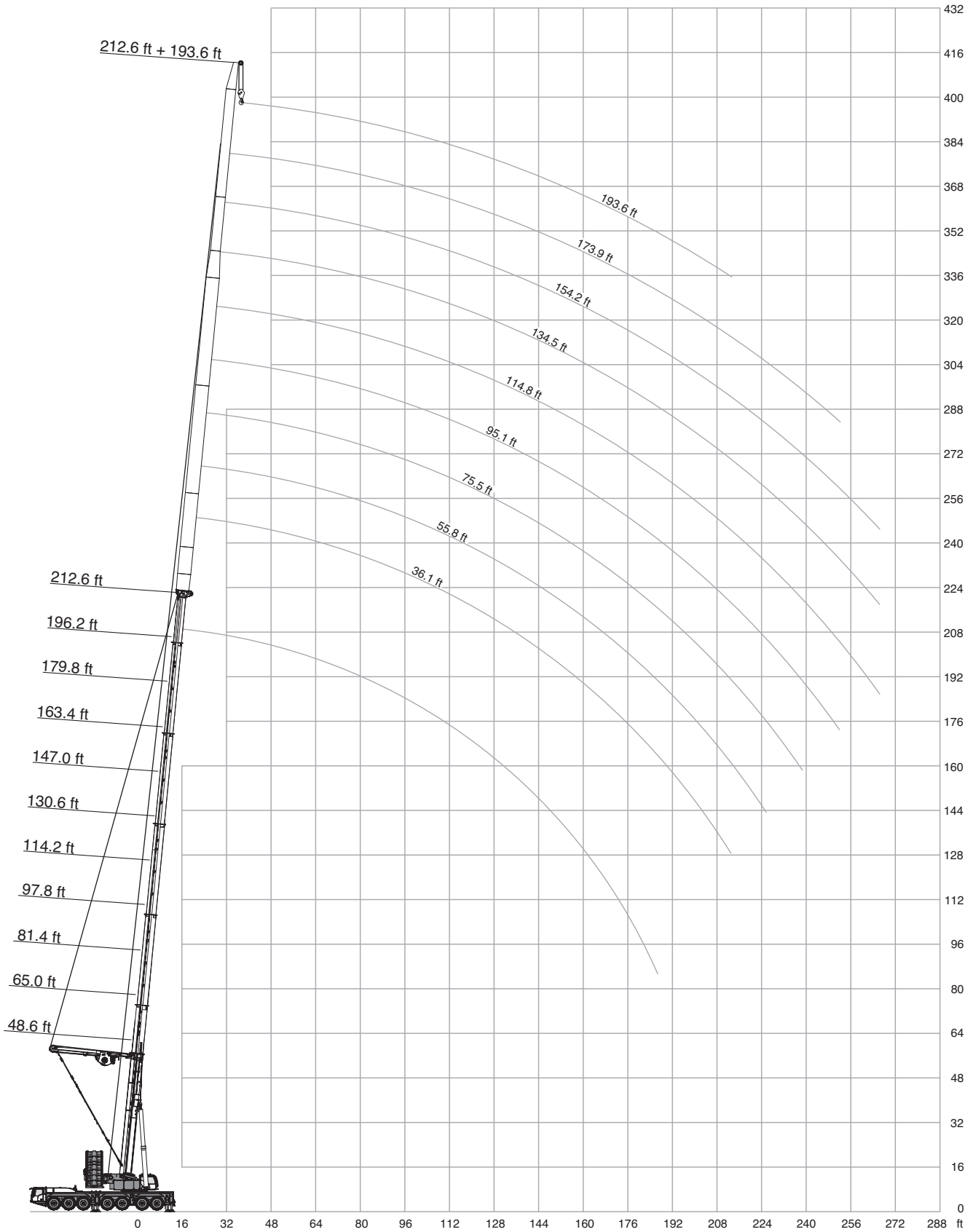
| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 110,200 lbs | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs |
| 220,500 lbs | 242,500 lbs | 264,600 lbs | 286,600 lbs | |

Operation

LF







|  245.4 ft | |  19.7 ft (XL) | |  27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | |
|--|---|--|---------|---|---------|----------|----------|------------|----------|----------|---|
|  |  | 36.1 ft | 55.8 ft | 75.5 ft | 95.1 ft | 114.8 ft | 134.5 ft | 154.2 ft | 173.9 ft | 193.6 ft |  |
| ft | 1,000 lbs | | | | | | | | | | ft |
| 64 | 37.1 | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 36.6 | 29.3 | - | - | - | - | - | - | - | - | 72 |
| 80 | 35.1 | 29.1 | 22.7 | 18.5 | 15.2 | - | - | - | - | - | 80 |
| 88 | 32.5 | 27.5 | 22.3 | 18.5 | 15.2 | - | - | - | - | - | 88 |
| 96 | 30.2 | 25.5 | 20.8 | 18.0 | 15.2 | 12.6 | 8.2 | - | - | - | 96 |
| 104 | 28.0 | 23.8 | 19.3 | 16.7 | 14.8 | 12.6 | 8.2 | - | - | - | 104 |
| 112 | 26.1 | 22.2 | 18.0 | 15.6 | 13.8 | 12.3 | 8.2 | - | - | - | 112 |
| 120 | 24.3 | 20.6 | 16.7 | 14.5 | 12.8 | 11.2 | 8.2 | - | - | - | 120 |
| 128 | 22.7 | 19.3 | 15.6 | 13.4 | 11.8 | 10.2 | 8.2 | - | - | - | 128 |
| 136 | 21.2 | 18.1 | 14.6 | 12.5 | 11.0 | 9.4 | 7.7 | - | - | - | 136 |
| 144 | 19.9 | 17.0 | 13.7 | 11.5 | 10.2 | 8.6 | 7.1 | - | - | - | 144 |
| 152 | 18.8 | 15.9 | 12.9 | 10.7 | 9.4 | 8.0 | 6.3 | - | - | - | 152 |
| 160 | 17.4 | 14.9 | 12.1 | 10.1 | 8.8 | 7.3 | 5.8 | - | - | - | 160 |
| 168 | 16.2 | 13.9 | 11.3 | 9.4 | 8.1 | 6.8 | 5.2 | - | - | - | 168 |
| 176 | 15.1 | 12.9 | 10.5 | 8.9 | 7.6 | 6.3 | 4.7 | - | - | - | 176 |
| 184 | 14.1 | 12.0 | 9.8 | 8.2 | 7.0 | 5.7 | - | - | - | - | 184 |
| 192 | 13.0 | 11.1 | 9.1 | 7.6 | 6.5 | 5.2 | - | - | - | - | 192 |
| 200 | 11.9 | 10.3 | 8.4 | 7.1 | 6.1 | 4.8 | - | - | - | - | 200 |
| 208 | 10.9 | 9.5 | 7.8 | 6.5 | 5.6 | - | - | - | - | - | 208 |
| 216 | 10.0 | 8.7 | 7.1 | 6.0 | 5.1 | - | - | - | - | - | 216 |
| 224 | 9.0 | 7.8 | 6.6 | 5.5 | - | - | - | - | - | - | 224 |
| 232 | 8.1 | 7.0 | 6.0 | - | - | - | - | - | - | - | 232 |
| 240 | 7.0 | 6.2 | 5.3 | - | - | - | - | - | - | - | 240 |
| 248 | 6.0 | 5.4 | - | - | - | - | - | - | - | - | 248 |


| | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
|  | 110,200 lbs | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs |
|  | 220,500 lbs | 242,500 lbs | 264,600 lbs | 286,600 lbs | |



Operation

LF-SSL



|  179.8 ft | |  19.7 ft (XL) | |  27.0 ft x 27.0 ft | | 360° | | ASME B30.5 | |
|--|---|--|---------|---|----------|----------|----------|------------|---|
|  36.1 ft |  55.8 ft | 75.5 ft | 95.1 ft | 114.8 ft | 134.5 ft | 154.2 ft | 173.9 ft | 193.6 ft |  |
| ft | 1,000 lbs | | | | | | | | ft |
| 34 | 126.3 | - | - | - | - | - | - | - | 34 |
| 36 | 124.0 | - | - | - | - | - | - | - | 36 |
| 40 | 119.4 | 91.2 | 72.9 | - | - | - | - | - | 40 |
| 48 | 109.1 | 84.3 | 67.1 | 55.7 | - | - | - | - | 48 |
| 56 | 98.0 | 78.1 | 61.8 | 51.2 | 43.0 | 36.8 | - | - | 56 |
| 64 | 88.1 | 72.5 | 57.3 | 47.3 | 39.7 | 34.1 | 29.6 | - | 64 |
| 72 | 79.3 | 67.8 | 53.2 | 43.7 | 36.7 | 31.4 | 27.2 | 22.3 | 72 |
| 80 | 72.6 | 63.2 | 49.5 | 40.6 | 34.0 | 29.2 | 25.1 | 20.7 | 80 |
| 88 | 65.9 | 58.6 | 46.5 | 37.9 | 31.7 | 27.1 | 23.3 | 19.2 | 88 |
| 96 | 59.8 | 54.1 | 43.9 | 35.5 | 29.7 | 25.3 | 21.7 | 17.8 | 96 |
| 104 | 54.4 | 49.7 | 41.5 | 33.5 | 27.8 | 23.6 | 20.0 | 16.5 | 104 |
| 112 | 49.8 | 45.9 | 39.1 | 31.4 | 26.4 | 22.2 | 18.7 | 15.4 | 112 |
| 120 | 46.1 | 42.4 | 36.8 | 29.6 | 24.8 | 20.9 | 17.6 | 14.3 | 120 |
| 128 | 42.8 | 39.1 | 34.6 | 28.0 | 23.3 | 19.7 | 16.5 | 13.2 | 128 |
| 136 | 38.7 | 36.3 | 32.6 | 26.4 | 21.9 | 18.5 | 15.5 | 12.3 | 136 |
| 144 | 34.4 | 33.6 | 30.7 | 25.0 | 20.8 | 17.5 | 14.6 | 11.5 | 144 |
| 152 | 30.6 | 31.2 | 28.8 | 23.9 | 19.7 | 16.4 | 13.6 | 10.7 | 152 |
| 160 | 27.2 | 28.3 | 27.0 | 22.8 | 18.6 | 15.5 | 12.8 | 10.1 | 160 |
| 168 | 24.1 | 25.3 | 25.2 | 21.8 | 17.7 | 14.7 | 11.9 | 9.4 | 168 |
| 176 | 21.2 | 22.5 | 23.4 | 20.9 | 16.9 | 14.0 | 11.1 | 8.9 | 176 |
| 184 | 17.2 | 20.0 | 21.1 | 19.8 | 16.2 | 13.3 | 10.6 | 8.4 | 184 |
| 192 | 12.7 | 17.4 | 18.7 | 18.6 | 15.5 | 12.6 | 10.0 | 7.8 | 192 |
| 200 | 7.2 | 14.2 | 16.6 | 17.2 | 14.8 | 12.0 | 9.3 | 7.3 | 200 |
| 208 | - | 10.5 | 14.3 | 15.5 | 14.2 | 11.4 | 8.8 | 6.7 | 208 |
| 216 | - | 6.4 | 11.8 | 13.6 | 13.5 | 10.8 | 8.4 | 6.2 | 216 |
| 224 | - | - | 8.8 | 11.7 | 12.6 | 10.4 | 7.9 | 5.8 | 224 |
| 232 | - | - | - | 9.6 | 11.5 | 10.0 | 7.4 | 5.4 | 232 |
| 240 | - | - | - | 7.1 | 10.0 | 9.4 | 7.1 | 5.0 | 240 |
| 248 | - | - | - | - | 8.1 | 8.6 | 6.8 | - | 248 |
| 256 | - | - | - | - | - | 7.7 | 6.4 | - | 256 |
| 264 | - | - | - | - | - | 5.9 | 6.0 | - | 264 |

| | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
|  | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| | 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation







LF-SSL


| 212.6 ft | | 19.7 ft (XL) | | 27.0 ft x 27.7 ft | | 360° | | ASME B30.5 | | | | | | | | | |
|----------|-----------|--------------|------|-------------------|------|---------|------|------------|------|----------|-----|----------|---|----------|---|----------|-----|
| 36.1 ft | | 55.8 ft | | 75.5 ft | | 95.1 ft | | 114.8 ft | | 134.5 ft | | 154.2 ft | | 173.9 ft | | 193.6 ft | |
| ft | 1,000 lbs | | | | | | | | | | | | | | | | ft |
| 40 | 95.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 |
| 48 | 87.5 | 74.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48 |
| 56 | 79.8 | 69.5 | 56.4 | 46.2 | - | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | 72.6 | 64.1 | 53.1 | 43.3 | 36.7 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 66.1 | 58.8 | 50.1 | 40.6 | 34.4 | 29.4 | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 60.4 | 54.0 | 47.2 | 38.2 | 32.3 | 27.5 | 22.5 | 19.0 | - | - | - | - | - | - | - | - | 80 |
| 88 | 55.4 | 49.5 | 44.3 | 36.1 | 30.5 | 25.9 | 21.1 | 17.9 | 14.7 | - | - | - | - | - | - | - | 88 |
| 96 | 51.1 | 45.6 | 41.5 | 33.9 | 28.6 | 24.3 | 19.7 | 16.9 | 13.9 | 10.6 | - | - | - | - | - | - | 96 |
| 104 | 47.0 | 42.1 | 38.5 | 32.2 | 26.9 | 22.9 | 18.5 | 15.8 | 12.9 | 10.6 | 7.5 | - | - | - | - | - | 104 |
| 112 | 43.0 | 38.9 | 35.8 | 30.5 | 25.5 | 21.5 | 17.4 | 14.7 | 12.1 | 9.9 | 7.5 | 4.4 | - | - | - | - | 112 |
| 120 | 39.6 | 35.9 | 33.3 | 28.7 | 24.2 | 20.2 | 16.3 | 13.7 | 11.3 | 9.1 | 6.9 | 4.4 | - | - | - | - | 120 |
| 128 | 36.7 | 33.1 | 30.7 | 27.1 | 23.1 | 19.2 | 15.4 | 12.9 | 10.6 | 8.5 | 6.4 | 4.4 | - | - | - | - | 128 |
| 136 | 34.1 | 30.5 | 28.5 | 25.3 | 22.1 | 18.3 | 14.5 | 12.1 | 9.9 | 7.5 | 5.9 | 4.4 | - | - | - | - | 136 |
| 144 | 31.6 | 28.3 | 26.3 | 23.7 | 21.0 | 17.5 | 13.7 | 11.3 | 9.1 | 6.9 | 5.5 | 4.4 | - | - | - | - | 144 |
| 152 | 29.5 | 26.4 | 24.4 | 22.3 | 20.1 | 16.6 | 12.9 | 10.7 | 8.5 | 6.4 | 5.0 | 4.4 | - | - | - | - | 152 |
| 160 | 27.6 | 24.6 | 22.6 | 20.7 | 19.1 | 15.8 | 12.2 | 10.0 | 8.0 | 6.4 | 5.0 | 4.4 | - | - | - | - | 160 |
| 168 | 25.5 | 23.0 | 21.2 | 19.4 | 18.0 | 15.0 | 11.6 | 9.4 | 7.5 | 6.4 | 5.0 | 4.4 | - | - | - | - | 168 |
| 176 | 23.1 | 21.4 | 19.8 | 18.1 | 16.9 | 14.2 | 11.1 | 8.9 | 6.9 | 5.9 | 4.4 | 4.4 | - | - | - | - | 176 |
| 184 | 20.6 | 20.1 | 18.5 | 16.8 | 16.0 | 13.4 | 10.6 | 8.4 | 6.4 | 5.5 | 4.4 | 4.4 | - | - | - | - | 184 |
| 192 | 18.3 | 18.7 | 17.2 | 15.6 | 15.0 | 12.6 | 10.0 | 7.8 | 5.9 | 5.0 | 4.4 | 4.4 | - | - | - | - | 192 |
| 200 | 16.1 | 16.6 | 16.1 | 14.4 | 13.9 | 12.0 | 9.5 | 7.3 | 5.5 | 4.4 | 4.4 | 4.4 | - | - | - | - | 200 |
| 208 | 13.5 | 14.7 | 14.8 | 13.4 | 12.8 | 11.3 | 9.0 | 6.8 | 5.0 | 4.4 | 4.4 | 4.4 | - | - | - | - | 208 |
| 216 | 10.6 | 12.9 | 13.3 | 12.6 | 11.8 | 10.6 | 8.4 | 6.4 | 4.4 | 4.4 | 4.4 | 4.4 | - | - | - | - | 216 |
| 224 | - | 10.7 | 11.7 | 11.8 | 10.9 | 10.0 | 7.9 | 6.1 | - | - | - | - | - | - | - | - | 224 |
| 232 | - | - | 10.1 | 10.8 | 10.2 | 9.3 | 7.3 | 5.8 | - | - | - | - | - | - | - | - | 232 |
| 240 | - | - | 8.3 | 9.3 | 9.5 | 8.6 | 6.8 | 5.4 | - | - | - | - | - | - | - | - | 240 |
| 248 | - | - | - | 7.9 | 8.6 | 8.0 | 6.3 | 5.0 | - | - | - | - | - | - | - | - | 248 |
| 256 | - | - | - | - | 7.5 | 7.5 | 5.7 | - | - | - | - | - | - | - | - | - | 256 |
| 264 | - | - | - | - | 6.3 | 6.4 | 5.2 | - | - | - | - | - | - | - | - | - | 264 |
| 272 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 272 |
| 280 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 280 |

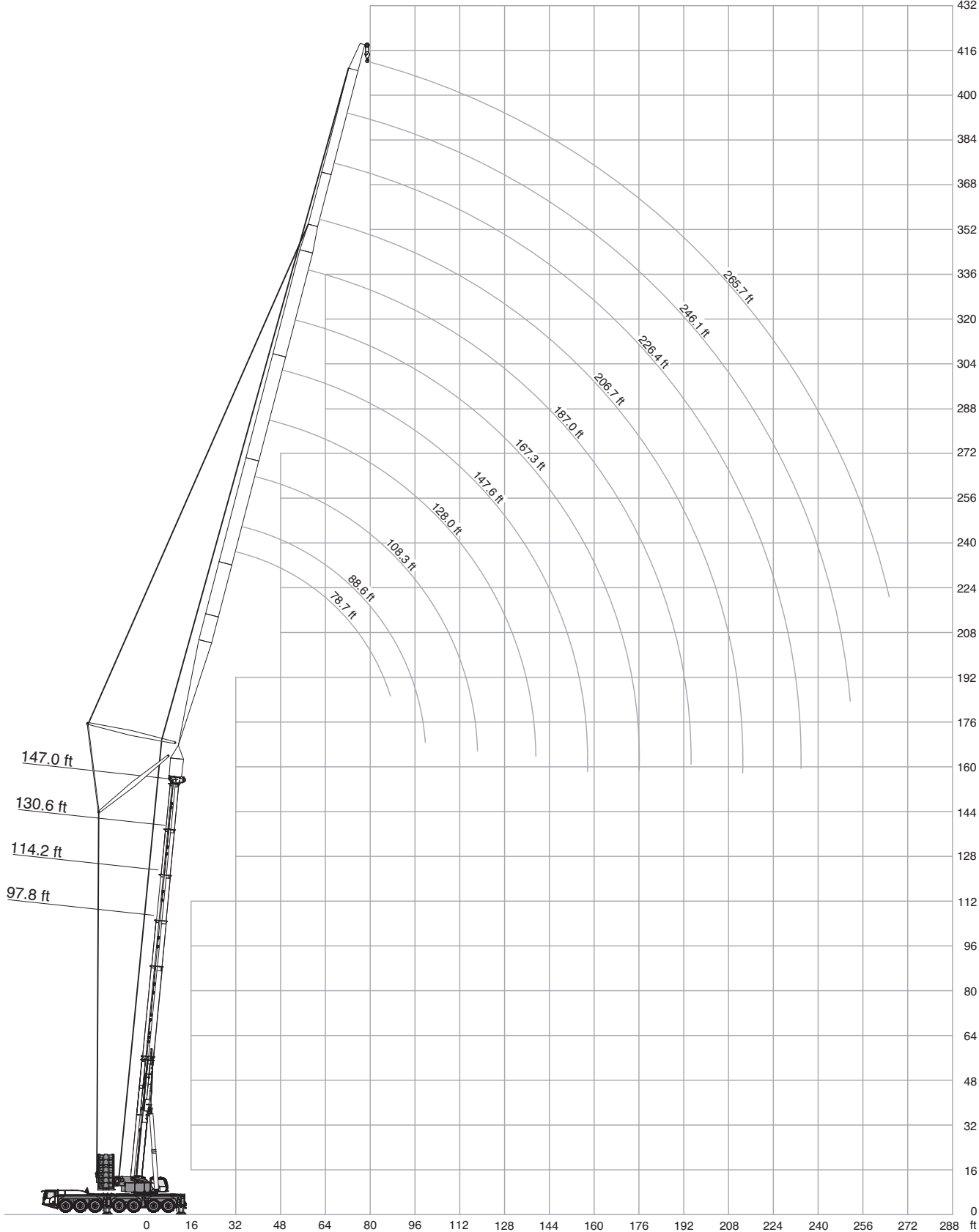
| | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
|  | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
|  | 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

LF-SSL

|  245.4 ft | |  19.7 ft (XL) | |  27.0 ft x 27.0 ft | | 360° | | ASME B30.5 | | |
|--|---|--|---------|---|----------|----------|----------|------------|----------|---|
|  |  36.1 ft | 55.8 ft | 75.5 ft | 95.1 ft | 114.8 ft | 134.5 ft | 154.2 ft | 173.9 ft | 193.6 ft |  |
| ft | 1,000 lbs | | | | | | | | | ft |
| 48 | 63.2 | - | - | - | - | - | - | - | - | 48 |
| 56 | 59.6 | 48.1 | - | - | - | - | - | - | - | 56 |
| 64 | 54.9 | 45.2 | 38.4 | - | - | - | - | - | - | 64 |
| 72 | 50.6 | 42.0 | 35.8 | 30.7 | - | - | - | - | - | 72 |
| 80 | 46.6 | 39.1 | 33.4 | 28.4 | 22.7 | 18.5 | - | - | - | 80 |
| 88 | 42.9 | 36.6 | 31.2 | 26.5 | 21.3 | 18.2 | 13.9 | - | - | 88 |
| 96 | 39.7 | 34.0 | 29.1 | 24.7 | 19.7 | 17.1 | 13.9 | - | - | 96 |
| 104 | 36.9 | 31.6 | 27.1 | 23.1 | 18.2 | 15.8 | 13.1 | - | - | 104 |
| 112 | 34.3 | 29.2 | 25.7 | 21.5 | 17.1 | 14.7 | 12.1 | - | - | 112 |
| 120 | 31.8 | 27.3 | 24.2 | 20.2 | 16.1 | 13.7 | 11.2 | - | - | 120 |
| 128 | 29.5 | 25.5 | 22.7 | 19.1 | 15.1 | 12.9 | 10.4 | - | - | 128 |
| 136 | 27.4 | 23.6 | 21.2 | 17.9 | 14.3 | 12.1 | 9.7 | - | - | 136 |
| 144 | 25.4 | 21.9 | 19.9 | 17.0 | 13.3 | 11.3 | 8.9 | - | - | 144 |
| 152 | 23.8 | 20.3 | 18.6 | 16.2 | 12.5 | 10.5 | 8.3 | - | - | 152 |
| 160 | 22.3 | 19.0 | 17.2 | 15.2 | 11.9 | 9.9 | 7.5 | - | - | 160 |
| 168 | 20.9 | 17.7 | 16.0 | 14.3 | 11.2 | 9.2 | 7.1 | - | - | 168 |
| 176 | 19.6 | 16.5 | 14.9 | 13.4 | 10.7 | 8.7 | 6.7 | - | - | 176 |
| 184 | 18.4 | 15.5 | 14.0 | 12.5 | 10.0 | 8.1 | 6.2 | - | - | 184 |
| 192 | 17.2 | 14.6 | 13.0 | 11.7 | 9.4 | 7.6 | 5.6 | - | - | 192 |
| 200 | 16.3 | 13.6 | 12.1 | 10.9 | 8.8 | 7.2 | 5.2 | - | - | 200 |
| 208 | 15.2 | 12.8 | 11.2 | 10.1 | 8.3 | 6.7 | - | - | - | 208 |
| 216 | 14.0 | 12.0 | 10.4 | 9.3 | 7.8 | 6.2 | - | - | - | 216 |
| 224 | 12.4 | 11.2 | 9.7 | 8.5 | 7.2 | 5.8 | - | - | - | 224 |
| 232 | 10.6 | 10.3 | 9.1 | 7.7 | 6.6 | 5.4 | - | - | - | 232 |
| 240 | 8.5 | 9.4 | 8.4 | 7.1 | 6.0 | 5.0 | - | - | - | 240 |
| 248 | - | 7.9 | 7.7 | 6.5 | 5.4 | - | - | - | - | 248 |
| 256 | - | - | 7.0 | 5.9 | - | - | - | - | - | 256 |
| 264 | - | - | 5.8 | 5.3 | - | - | - | - | - | 264 |

| | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
|  | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| | 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |



Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|---|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 97.8 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 48 | 115.8 | - | - | - | - | - | - | - | - | - | - | - | 48 |
| 56 | 113.9 | - | - | 101.0 | - | - | - | - | - | 66.9 | - | - | 56 |
| 64 | 112.8 | - | - | 99.5 | - | - | 80.5 | - | - | 65.5 | - | - | 64 |
| 72 | 112.0 | - | - | 98.8 | - | - | 79.2 | - | - | 64.4 | - | - | 72 |
| 80 | 103.0 | - | - | 97.3 | - | - | 78.4 | - | - | 63.4 | - | - | 80 |
| 88 | - | 91.5 | - | 90.1 | - | - | 78.0 | - | - | 62.6 | - | - | 88 |
| 96 | - | 84.0 | - | 78.3 | 83.5 | - | 76.0 | - | - | 62.0 | - | - | 96 |
| 104 | - | 77.5 | - | - | 77.0 | - | 72.2 | 69.1 | - | 61.7 | 57.2 | - | 104 |
| 112 | - | - | 66.5 | - | - | - | 65.0 | 68.2 | - | 60.7 | 56.4 | - | 112 |
| 120 | - | - | - | - | - | 61.4 | - | 65.7 | - | 57.9 | 55.4 | - | 120 |
| 128 | - | - | - | - | - | - | - | 61.5 | 56.4 | 53.7 | 55.0 | - | 128 |
| 136 | - | - | - | - | - | - | - | - | 52.4 | - | 54.9 | 50.5 | 136 |
| 144 | - | - | - | - | - | - | - | - | 49.1 | - | 52.8 | 48.0 | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | 52.8 | 44.8 | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | - | 42.2 | 160 |

| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
|-----------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|-----|
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 55.3 | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | 54.1 | - | - | 43.9 | - | - | - | - | - | - | - | - | 64 |
| 72 | 53.1 | - | - | 43.0 | - | - | 36.6 | - | - | - | - | - | 72 |
| 80 | 52.1 | - | - | 42.0 | - | - | 35.9 | - | - | 29.5 | - | - | 80 |
| 88 | 51.3 | - | - | 41.4 | - | - | 35.1 | - | - | 28.9 | - | - | 88 |
| 96 | 50.6 | - | - | 40.7 | - | - | 34.6 | - | - | 28.4 | - | - | 96 |
| 104 | 50.1 | - | - | 40.0 | - | - | 34.0 | - | - | 27.8 | - | - | 104 |
| 112 | 49.8 | 46.0 | - | 39.4 | - | - | 33.5 | - | - | 27.5 | - | - | 112 |
| 120 | 49.5 | 45.2 | - | 39.2 | 37.3 | - | 33.0 | - | - | 27.1 | - | - | 120 |
| 128 | 48.7 | 44.4 | - | 38.9 | 36.6 | - | 32.7 | 31.3 | - | 26.7 | - | - | 128 |
| 136 | 47.6 | 43.9 | - | 38.6 | 36.1 | - | 32.5 | 30.8 | - | 26.3 | 23.9 | - | 136 |
| 144 | 44.9 | 43.7 | - | 38.0 | 35.5 | - | 32.4 | 30.2 | - | 26.0 | 23.4 | - | 144 |
| 152 | 41.1 | 43.7 | 40.9 | 37.3 | 35.1 | - | 32.2 | 29.7 | - | 25.8 | 23.1 | - | 152 |
| 160 | - | 43.7 | 40.3 | 36.2 | 34.8 | 33.1 | 31.8 | 29.5 | - | 25.7 | 22.6 | - | 160 |
| 168 | - | 42.9 | 38.7 | 34.3 | 34.8 | 32.7 | 31.3 | 29.1 | 28.0 | 25.4 | 22.4 | - | 168 |
| 176 | - | - | 36.5 | - | 34.8 | 32.4 | 30.2 | 29.1 | 27.4 | 25.0 | 22.1 | - | 176 |
| 184 | - | - | - | - | 34.8 | 32.4 | 28.6 | 29.1 | 27.1 | 24.4 | 21.8 | 20.9 | 184 |
| 192 | - | - | - | - | - | 31.6 | - | 29.1 | 26.9 | 23.6 | 21.8 | 20.7 | 192 |
| 200 | - | - | - | - | - | 30.0 | - | 29.1 | 26.9 | 22.5 | 21.8 | 20.4 | 200 |
| 208 | - | - | - | - | - | - | - | 29.1 | 26.9 | 21.3 | 21.8 | 20.3 | 208 |
| 216 | - | - | - | - | - | - | - | - | 26.1 | - | 21.8 | 20.3 | 216 |
| 224 | - | - | - | - | - | - | - | - | - | - | 21.8 | 20.3 | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | - | 20.3 | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | 20.3 | 240 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | | | |
|---------|-----------|--------------|------|------|----------|------|------|------------|------|-----|-----|
| 97.8 ft | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| ft | 1,000 lbs | | | | | | | | | ft | |
| 80 | 23.7 | - | - | - | - | - | - | - | - | - | 80 |
| 88 | 23.4 | - | - | 19.3 | - | - | - | - | - | - | 88 |
| 96 | 22.9 | - | - | 18.9 | - | - | 16.0 | - | - | - | 96 |
| 104 | 22.5 | - | - | 18.6 | - | - | 15.7 | - | - | - | 104 |
| 112 | 22.0 | - | - | 18.1 | - | - | 15.4 | - | - | - | 112 |
| 120 | 21.8 | - | - | 17.8 | - | - | 15.1 | - | - | - | 120 |
| 128 | 21.5 | - | - | 17.4 | - | - | 14.7 | - | - | - | 128 |
| 136 | 21.2 | - | - | 17.0 | - | - | 14.4 | - | - | - | 136 |
| 144 | 21.0 | - | - | 16.8 | - | - | 14.1 | - | - | - | 144 |
| 152 | 20.7 | 19.8 | - | 16.5 | - | - | 13.9 | - | - | - | 152 |
| 160 | 20.6 | 19.3 | - | 16.2 | 15.7 | - | 13.7 | - | - | - | 160 |
| 168 | 20.5 | 19.0 | - | 16.0 | 15.3 | - | 13.5 | 12.9 | - | - | 168 |
| 176 | 20.3 | 19.0 | - | 15.7 | 15.0 | - | 13.3 | 12.6 | - | - | 176 |
| 184 | 20.0 | 18.7 | - | 15.6 | 14.8 | - | 13.2 | 12.3 | - | - | 184 |
| 192 | 19.6 | 18.5 | 17.8 | 15.4 | 14.6 | - | 13.0 | 12.3 | - | - | 192 |
| 200 | 19.2 | 18.3 | 17.5 | 15.0 | 14.3 | - | 12.9 | 12.0 | - | - | 200 |
| 208 | 18.5 | 18.3 | 17.3 | 14.6 | 14.2 | 13.7 | 12.8 | 11.8 | - | - | 208 |
| 216 | 17.7 | 18.3 | 17.2 | 14.1 | 14.1 | 13.5 | 12.6 | 11.7 | 11.2 | - | 216 |
| 224 | 16.7 | 18.3 | 17.0 | 13.9 | 13.9 | 13.2 | 12.3 | 11.5 | 11.0 | - | 224 |
| 232 | - | 18.3 | 17.0 | 13.6 | 13.8 | 13.0 | 12.1 | 11.5 | 10.8 | - | 232 |
| 240 | - | 18.1 | 17.0 | 13.1 | 13.7 | 13.0 | 11.9 | 11.5 | 10.6 | - | 240 |
| 248 | - | 17.9 | 17.0 | 12.8 | 13.5 | 13.0 | 11.5 | 11.5 | 10.5 | - | 248 |
| 256 | - | - | 17.0 | - | 13.2 | 13.0 | 11.2 | 11.5 | 10.4 | - | 256 |
| 264 | - | - | - | - | 13.1 | 12.9 | 10.5 | 11.5 | 10.4 | - | 264 |
| 272 | - | - | - | - | - | 12.8 | - | 11.4 | 10.4 | - | 272 |
| 280 | - | - | - | - | - | 12.8 | - | 11.3 | 10.4 | - | 280 |
| 288 | - | - | - | - | - | - | - | 11.0 | 10.4 | - | 288 |
| 296 | - | - | - | - | - | - | - | - | 10.4 | - | 296 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|---|---------|------|-----|---------|------|------|----------|------|------|----------|------|------|-----|
| 114.2 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 100.8 | - | - | 90.2 | - | - | - | - | - | 60.4 | - | - | 56 |
| 64 | 99.6 | - | - | 89.1 | - | - | 71.9 | - | - | 59.3 | - | - | 64 |
| 72 | 99.4 | - | - | 88.2 | - | - | 71.0 | - | - | 58.2 | - | - | 72 |
| 80 | 99.1 | - | - | 87.9 | - | - | 70.2 | - | - | 57.5 | - | - | 80 |
| 88 | 96.2 | - | - | 87.7 | - | - | 69.8 | - | - | 56.9 | - | - | 88 |
| 96 | - | 82.1 | - | 84.7 | - | - | 69.5 | - | - | 56.4 | - | - | 96 |
| 104 | - | 75.9 | - | - | 75.1 | - | 69.3 | - | - | 56.2 | - | - | 104 |
| 112 | - | - | - | - | 69.8 | - | 67.8 | 62.6 | - | 56.0 | 50.9 | - | 112 |
| 120 | - | - | - | - | - | - | - | 61.9 | - | 55.7 | 50.1 | - | 120 |
| 128 | - | - | - | - | - | 54.9 | - | 60.1 | - | 54.7 | 49.6 | - | 128 |
| 136 | - | - | - | - | - | 51.3 | - | 56.0 | - | 51.1 | 49.2 | - | 136 |
| 144 | - | - | - | - | - | - | - | - | 47.1 | - | 49.2 | 45.9 | 144 |
| 152 | - | - | - | - | - | - | - | - | 44.2 | - | 48.3 | 43.1 | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | - | 40.5 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 38.0 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 36.0 | 176 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|--|-----------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ft | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | ft |
| | 1,000 lbs | | | | | | | | | | | | |
| 64 | 48.3 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 47.4 | - | - | 39.3 | - | - | 33.3 | - | - | - | - | - | 72 |
| 80 | 46.7 | - | - | 38.5 | - | - | 32.8 | - | - | 26.9 | - | - | 80 |
| 88 | 46.0 | - | - | 37.9 | - | - | 32.2 | - | - | 26.5 | - | - | 88 |
| 96 | 45.5 | - | - | 37.2 | - | - | 31.7 | - | - | 26.0 | - | - | 96 |
| 104 | 45.0 | - | - | 36.7 | - | - | 31.2 | - | - | 25.6 | - | - | 104 |
| 112 | 44.7 | - | - | 36.3 | - | - | 30.8 | - | - | 25.1 | - | - | 112 |
| 120 | 44.5 | 41.7 | - | 35.9 | - | - | 30.4 | - | - | 24.8 | - | - | 120 |
| 128 | 44.4 | 41.0 | - | 35.8 | 33.8 | - | 30.1 | - | - | 24.6 | - | - | 128 |
| 136 | 44.0 | 40.5 | - | 35.6 | 33.2 | - | 29.9 | 28.3 | - | 24.2 | - | - | 136 |
| 144 | 43.5 | 40.1 | - | 35.3 | 32.9 | - | 29.8 | 27.8 | - | 24.0 | - | - | 144 |
| 152 | 41.6 | 39.9 | - | 35.0 | 32.4 | - | 29.5 | 27.5 | - | 23.8 | 21.3 | - | 152 |
| 160 | - | 39.9 | 37.5 | 34.3 | 32.1 | - | 29.5 | 27.2 | - | 23.7 | 21.1 | - | 160 |
| 168 | - | 39.9 | 36.6 | 32.9 | 32.0 | 30.4 | 29.1 | 26.8 | - | 23.5 | 20.8 | - | 168 |
| 176 | - | 39.4 | 34.9 | 31.1 | 32.0 | 30.0 | 28.3 | 26.7 | - | 23.2 | 20.5 | - | 176 |
| 184 | - | - | 32.8 | - | 32.0 | 29.8 | 27.1 | 26.5 | 23.8 | 22.7 | 20.3 | - | 184 |
| 192 | - | - | 31.2 | - | 32.0 | 29.4 | 25.9 | 26.5 | 23.5 | 22.1 | 20.1 | 19.1 | 192 |
| 200 | - | - | - | - | - | 28.5 | - | 26.5 | 23.4 | 21.3 | 20.1 | 19.0 | 200 |
| 208 | - | - | - | - | - | 27.0 | - | 26.5 | 23.4 | 20.2 | 20.1 | 18.8 | 208 |
| 216 | - | - | - | - | - | - | - | 26.5 | 23.4 | - | 20.1 | 18.6 | 216 |
| 224 | - | - | - | - | - | - | - | - | 23.3 | - | 20.1 | 18.5 | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | 20.1 | 18.5 | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | 18.5 | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | 18.5 | 248 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | | |
|----------|-----------|--------------|------|------|----------|------|------|------------|-----|-----|
| 114.2 ft | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° |
| ft | 1,000 lbs | | | | | | | | | ft |
| 88 | 21.6 | - | - | 17.7 | - | - | - | - | - | 88 |
| 96 | 21.3 | - | - | 17.3 | - | - | 14.6 | - | - | 96 |
| 104 | 20.8 | - | - | 17.0 | - | - | 14.4 | - | - | 104 |
| 112 | 20.5 | - | - | 16.5 | - | - | 14.1 | - | - | 112 |
| 120 | 20.2 | - | - | 16.3 | - | - | 13.8 | - | - | 120 |
| 128 | 20.0 | - | - | 16.0 | - | - | 13.6 | - | - | 128 |
| 136 | 19.7 | - | - | 15.7 | - | - | 13.3 | - | - | 136 |
| 144 | 19.4 | - | - | 15.4 | - | - | 13.0 | - | - | 144 |
| 152 | 19.2 | - | - | 15.2 | - | - | 12.8 | - | - | 152 |
| 160 | 19.0 | 18.0 | - | 15.0 | - | - | 12.5 | - | - | 160 |
| 168 | 19.0 | 17.7 | - | 14.9 | 14.2 | - | 12.3 | - | - | 168 |
| 176 | 18.8 | 17.5 | - | 14.6 | 13.9 | - | 12.2 | 11.5 | - | 176 |
| 184 | 18.7 | 17.2 | - | 14.5 | 13.7 | - | 12.1 | 11.5 | - | 184 |
| 192 | 18.5 | 17.1 | - | 14.3 | 13.4 | - | 11.9 | 11.2 | - | 192 |
| 200 | 18.3 | 17.0 | - | 14.0 | 13.2 | - | 11.8 | 10.9 | - | 200 |
| 208 | 18.0 | 16.8 | 15.9 | 13.7 | 13.1 | - | 11.7 | 10.8 | - | 208 |
| 216 | 17.2 | 16.8 | 15.9 | 13.5 | 13.0 | 12.3 | 11.7 | 10.6 | - | 216 |
| 224 | 16.4 | 16.8 | 15.7 | 13.2 | 12.8 | 12.1 | 11.5 | 10.6 | 9.9 | 224 |
| 232 | 15.6 | 16.8 | 15.5 | 12.9 | 12.8 | 11.9 | 11.4 | 10.4 | 9.9 | 232 |
| 240 | - | 16.8 | 15.4 | 12.7 | 12.8 | 11.9 | 11.3 | 10.4 | 9.7 | 240 |
| 248 | - | 16.8 | 15.4 | 12.2 | 12.7 | 11.8 | 11.0 | 10.4 | 9.6 | 248 |
| 256 | - | - | 15.4 | - | 12.6 | 11.7 | 10.6 | 10.4 | 9.5 | 256 |
| 264 | - | - | 15.4 | - | 12.3 | 11.7 | 9.9 | 10.4 | 9.3 | 264 |
| 272 | - | - | - | - | 12.1 | 11.7 | - | 10.4 | 9.3 | 272 |
| 280 | - | - | - | - | - | 11.7 | - | 10.4 | 9.3 | 280 |
| 288 | - | - | - | - | - | 11.7 | - | 10.4 | 9.3 | 288 |
| 296 | - | - | - | - | - | - | - | - | 9.3 | 296 |
| 304 | - | - | - | - | - | - | - | - | 9.3 | 304 |
| 312 | - | - | - | - | - | - | - | - | 9.3 | 312 |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|-----|---------|------|------|----------|------|------|----------|------|------|-----|
| 130.6 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 85.5 | - | - | 76.2 | - | - | - | - | - | 51.1 | - | - | 56 |
| 64 | 84.3 | - | - | 75.2 | - | - | - | - | - | 50.5 | - | - | 64 |
| 72 | 83.1 | - | - | 74.1 | - | - | 61.1 | - | - | 49.6 | - | - | 72 |
| 80 | 82.3 | - | - | 73.3 | - | - | 60.3 | - | - | 49.1 | - | - | 80 |
| 88 | 81.4 | - | - | 72.5 | - | - | 59.7 | - | - | 48.5 | - | - | 88 |
| 96 | - | - | - | 71.8 | - | - | 59.0 | - | - | 47.8 | - | - | 96 |
| 104 | - | 72.9 | - | 71.3 | - | - | 58.5 | - | - | 47.2 | - | - | 104 |
| 112 | - | - | - | - | 66.2 | - | 58.0 | - | - | 46.9 | - | - | 112 |
| 120 | - | - | - | - | 63.3 | - | - | 55.0 | - | 46.5 | 44.6 | - | 120 |
| 128 | - | - | - | - | - | - | - | 54.5 | - | 46.2 | 44.2 | - | 128 |
| 136 | - | - | - | - | - | 49.6 | - | 53.8 | - | 45.9 | 43.8 | - | 136 |
| 144 | - | - | - | - | - | 46.4 | - | 51.3 | - | - | 43.7 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | 42.6 | - | 43.4 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | 40.1 | - | 43.1 | 38.9 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 36.6 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 34.5 | 176 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|-------------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ft | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | ft |
| | 1,000 lbs | | | | | | | | | | | | |
| 64 | 42.1 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 41.5 | - | - | 34.0 | - | - | - | - | - | - | - | - | 72 |
| 80 | 40.9 | - | - | 33.5 | - | - | 28.4 | - | - | 21.4 | - | - | 80 |
| 88 | 40.4 | - | - | 33.1 | - | - | 27.9 | - | - | 21.4 | - | - | 88 |
| 96 | 39.8 | - | - | 32.6 | - | - | 27.5 | - | - | 21.2 | - | - | 96 |
| 104 | 39.3 | - | - | 32.2 | - | - | 27.2 | - | - | 20.8 | - | - | 104 |
| 112 | 38.8 | - | - | 31.7 | - | - | 26.7 | - | - | 20.5 | - | - | 112 |
| 120 | 38.5 | - | - | 31.5 | - | - | 26.4 | - | - | 20.2 | - | - | 120 |
| 128 | 38.0 | 36.7 | - | 31.2 | - | - | 26.1 | - | - | 20.0 | - | - | 128 |
| 136 | 37.8 | 36.3 | - | 30.8 | 29.8 | - | 25.9 | - | - | 19.7 | - | - | 136 |
| 144 | 37.5 | 35.7 | - | 30.4 | 29.3 | - | 25.6 | - | - | 19.6 | - | - | 144 |
| 152 | 37.4 | 35.5 | - | 30.4 | 29.1 | - | 25.5 | 23.3 | - | 19.4 | 18.9 | - | 152 |
| 160 | - | 35.4 | - | 30.1 | 28.8 | - | 25.4 | 22.8 | - | 19.1 | 18.7 | - | 160 |
| 168 | - | 35.3 | 33.3 | 29.8 | 28.5 | - | 25.2 | 22.7 | - | 19.0 | 18.6 | - | 168 |
| 176 | - | 35.3 | 33.1 | 28.9 | 28.4 | - | 25.1 | 22.5 | - | 19.0 | 18.3 | - | 176 |
| 184 | - | - | 31.5 | - | 28.4 | 26.7 | 24.7 | 22.3 | - | 18.7 | 18.1 | - | 184 |
| 192 | - | - | 29.9 | - | 28.4 | 26.5 | 24.0 | 22.3 | 20.9 | 18.7 | 17.9 | - | 192 |
| 200 | - | - | 28.2 | - | 28.4 | 26.3 | - | 22.3 | 20.8 | 18.3 | 17.9 | - | 200 |
| 208 | - | - | - | - | - | 25.6 | - | 22.3 | 20.7 | 17.8 | 17.7 | 16.6 | 208 |
| 216 | - | - | - | - | - | 24.3 | - | 22.3 | 20.7 | 16.8 | 17.6 | 16.5 | 216 |
| 224 | - | - | - | - | - | - | - | - | 20.7 | - | 17.6 | 16.5 | 224 |
| 232 | - | - | - | - | - | - | - | - | 20.5 | - | 17.6 | 16.5 | 232 |
| 240 | - | - | - | - | - | - | - | - | 19.9 | - | 17.6 | 16.5 | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | 16.5 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 16.5 | 256 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | | | |
|----------|--|--------------|------|------|----------|------|------|------------|-----|-----|-----|
| 130.6 ft | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| ft | | 1,000 lbs | | | | | | | | | ft |
| 88 | | 19.0 | - | - | - | - | - | - | - | - | 88 |
| 96 | | 18.7 | - | - | 15.1 | - | - | 12.7 | - | - | 96 |
| 104 | | 18.3 | - | - | 14.8 | - | - | 12.4 | - | - | 104 |
| 112 | | 18.1 | - | - | 14.5 | - | - | 12.1 | - | - | 112 |
| 120 | | 17.8 | - | - | 14.3 | - | - | 12.1 | - | - | 120 |
| 128 | | 17.5 | - | - | 14.0 | - | - | 11.8 | - | - | 128 |
| 136 | | 17.3 | - | - | 13.9 | - | - | 11.5 | - | - | 136 |
| 144 | | 17.0 | - | - | 13.7 | - | - | 11.3 | - | - | 144 |
| 152 | | 16.9 | - | - | 13.4 | - | - | 11.2 | - | - | 152 |
| 160 | | 16.7 | - | - | 13.1 | - | - | 10.9 | - | - | 160 |
| 168 | | 16.4 | 15.7 | - | 13.0 | - | - | 10.7 | - | - | 168 |
| 176 | | 16.3 | 15.7 | - | 12.8 | 12.2 | - | 10.6 | - | - | 176 |
| 184 | | 16.1 | 15.4 | - | 12.6 | 12.1 | - | 10.4 | 9.9 | - | 184 |
| 192 | | 16.0 | 15.2 | - | 12.5 | 11.8 | - | 10.3 | 9.7 | - | 192 |
| 200 | | 15.9 | 15.0 | - | 12.2 | 11.7 | - | 10.1 | 9.6 | - | 200 |
| 208 | | 15.7 | 14.8 | - | 12.1 | 11.5 | - | 10.0 | 9.3 | - | 208 |
| 216 | | 15.7 | 14.8 | 13.9 | 12.1 | 11.5 | - | 9.9 | 9.3 | - | 216 |
| 224 | | 15.2 | 14.8 | 13.9 | 11.9 | 11.2 | 10.6 | 9.7 | 9.0 | - | 224 |
| 232 | | 14.5 | 14.8 | 13.7 | 11.8 | 11.2 | 10.4 | 9.7 | 9.0 | - | 232 |
| 240 | | - | 14.8 | 13.7 | 11.6 | 11.2 | 10.4 | 9.6 | 8.9 | 8.2 | 240 |
| 248 | | - | 14.8 | 13.7 | 11.2 | 11.2 | 10.3 | 9.4 | 8.8 | 8.2 | 248 |
| 256 | | - | 14.8 | 13.7 | - | 11.2 | 10.1 | 9.3 | 8.8 | 8.2 | 256 |
| 264 | | - | - | 13.7 | - | 11.1 | 10.1 | 8.9 | 8.8 | 8.0 | 264 |
| 272 | | - | - | 13.7 | - | 11.0 | 10.1 | 8.4 | 8.8 | 7.9 | 272 |
| 280 | | - | - | 13.7 | - | 11.0 | 10.1 | - | 8.8 | 7.9 | 280 |
| 288 | | - | - | - | - | - | 10.1 | - | 8.8 | 7.9 | 288 |
| 296 | | - | - | - | - | - | 10.1 | - | 8.8 | 7.9 | 296 |
| 304 | | - | - | - | - | - | - | - | - | 7.9 | 304 |
| 312 | | - | - | - | - | - | - | - | - | 7.9 | 312 |
| 320 | | - | - | - | - | - | - | - | - | 7.9 | 320 |

| | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|
| | 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| | 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|---|---------|------|-----|---------|------|------|----------|------|------|----------|------|------|-----|
| 147.0 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 64 | 70.4 | - | - | 63.9 | - | - | - | - | - | 43.3 | - | - | 64 |
| 72 | 68.6 | - | - | 63.1 | - | - | 51.4 | - | - | 42.8 | - | - | 72 |
| 80 | 63.3 | - | - | 61.7 | - | - | 50.8 | - | - | 42.2 | - | - | 80 |
| 88 | 56.5 | - | - | 57.1 | - | - | 49.9 | - | - | 41.7 | - | - | 88 |
| 96 | - | - | - | 51.3 | - | - | 47.9 | - | - | 41.3 | - | - | 96 |
| 104 | - | - | - | 46.6 | - | - | 44.9 | - | - | 40.9 | - | - | 104 |
| 112 | - | 46.6 | - | - | 44.2 | - | 41.0 | - | - | 39.4 | - | - | 112 |
| 120 | - | - | - | - | 42.5 | - | 37.4 | - | - | 37.6 | - | - | 120 |
| 128 | - | - | - | - | 40.3 | - | - | 38.1 | - | 34.8 | 35.3 | - | 128 |
| 136 | - | - | - | - | - | - | - | 36.1 | - | 31.4 | 33.5 | - | 136 |
| 144 | - | - | - | - | - | 30.1 | - | 34.3 | - | 28.5 | 31.8 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | 30.2 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | 23.2 | - | 29.0 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | 22.0 | - | 27.7 | 20.2 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 19.1 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 18.3 | 184 |

| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
|-----------|----------|------|------|----------|------|------|----------|------|------|----------|------|-----|-----|
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 72 | 35.7 | - | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 35.2 | - | - | 27.6 | - | - | 22.0 | - | - | - | - | - | 80 |
| 88 | 34.9 | - | - | 27.6 | - | - | 21.8 | - | - | 15.9 | - | - | 88 |
| 96 | 34.3 | - | - | 27.6 | - | - | 21.8 | - | - | 15.8 | - | - | 96 |
| 104 | 34.0 | - | - | 27.6 | - | - | 21.8 | - | - | 15.7 | - | - | 104 |
| 112 | 33.7 | - | - | 27.3 | - | - | 21.8 | - | - | 15.7 | - | - | 112 |
| 120 | 33.2 | - | - | 27.1 | - | - | 21.5 | - | - | 15.7 | - | - | 120 |
| 128 | 32.6 | - | - | 26.8 | - | - | 21.3 | - | - | 15.7 | - | - | 128 |
| 136 | 32.1 | - | - | 26.5 | - | - | 21.0 | - | - | 15.7 | - | - | 136 |
| 144 | 29.9 | 29.4 | - | 26.5 | - | - | 20.7 | - | - | 15.7 | - | - | 144 |
| 152 | 27.1 | 28.0 | - | 26.1 | 23.0 | - | 20.7 | - | - | 15.7 | - | - | 152 |
| 160 | 24.2 | 26.7 | - | 24.6 | 21.9 | - | 20.5 | 19.9 | - | 15.7 | - | - | 160 |
| 168 | - | 25.5 | - | 22.9 | 20.9 | - | 20.1 | 19.2 | - | 15.7 | 15.7 | - | 168 |
| 176 | - | 24.4 | 17.8 | 20.6 | 20.0 | - | 18.9 | 18.4 | - | 15.7 | 15.7 | - | 176 |
| 184 | - | 23.6 | 16.9 | - | 18.9 | - | 17.6 | 17.6 | - | 15.7 | 15.4 | - | 184 |
| 192 | - | - | 15.9 | - | 18.2 | 14.2 | 16.0 | 16.8 | - | 15.5 | 14.9 | - | 192 |
| 200 | - | - | 15.1 | - | 17.5 | 13.4 | 14.5 | 16.1 | - | 14.9 | 14.2 | - | 200 |
| 208 | - | - | 14.5 | - | 16.9 | 12.5 | - | 15.4 | 11.7 | 13.8 | 13.6 | - | 208 |
| 216 | - | - | - | - | - | 11.9 | - | 14.8 | 11.1 | 12.2 | 13.0 | 9.7 | 216 |
| 224 | - | - | - | - | - | 11.4 | - | 14.3 | 10.3 | - | 12.5 | 9.0 | 224 |
| 232 | - | - | - | - | - | - | - | - | 9.8 | - | 12.0 | 8.4 | 232 |
| 240 | - | - | - | - | - | - | - | - | 9.2 | - | 11.6 | 7.9 | 240 |
| 248 | - | - | - | - | - | - | - | - | 8.9 | - | 11.1 | 7.4 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 7.1 | 256 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | 6.6 | 264 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | | | |
|----------|--|--------------|------|-----|----------|------|-----|------------|-----|-----|-----|
| 147.0 ft | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| ft | | 1,000 lbs | | | | | | | | | ft |
| 96 | | 16.2 | - | - | 12.3 | - | - | - | - | - | 96 |
| 104 | | 15.9 | - | - | 12.1 | - | - | 9.0 | - | - | 104 |
| 112 | | 15.6 | - | - | 12.1 | - | - | 8.8 | - | - | 112 |
| 120 | | 15.4 | - | - | 12.1 | - | - | 8.8 | - | - | 120 |
| 128 | | 15.1 | - | - | 12.0 | - | - | 8.8 | - | - | 128 |
| 136 | | 15.0 | - | - | 11.7 | - | - | 8.8 | - | - | 136 |
| 144 | | 14.8 | - | - | 11.5 | - | - | 8.8 | - | - | 144 |
| 152 | | 14.5 | - | - | 11.4 | - | - | 8.8 | - | - | 152 |
| 160 | | 14.3 | - | - | 11.2 | - | - | 8.8 | - | - | 160 |
| 168 | | 14.2 | - | - | 11.0 | - | - | 8.8 | - | - | 168 |
| 176 | | 14.1 | 13.7 | - | 10.8 | - | - | 8.8 | - | - | 176 |
| 184 | | 13.9 | 13.4 | - | 10.8 | 10.4 | - | 8.6 | - | - | 184 |
| 192 | | 13.8 | 13.1 | - | 10.6 | 10.3 | - | 8.6 | - | - | 192 |
| 200 | | 13.6 | 12.7 | - | 10.5 | 10.0 | - | 8.4 | 8.2 | - | 200 |
| 208 | | 13.3 | 12.4 | - | 10.4 | 9.8 | - | 8.4 | 8.0 | - | 208 |
| 216 | | 13.0 | 11.9 | - | 10.2 | 9.7 | - | 8.2 | 7.9 | - | 216 |
| 224 | | 12.2 | 11.4 | - | 10.1 | 9.4 | - | 8.1 | 7.7 | - | 224 |
| 232 | | 10.6 | 10.9 | 7.8 | 10.1 | 8.9 | - | 7.9 | 7.4 | - | 232 |
| 240 | | - | 10.5 | 7.2 | 9.5 | 8.5 | 5.5 | 7.9 | 7.1 | - | 240 |
| 248 | | - | 10.1 | 6.8 | 8.5 | 8.1 | 5.0 | 7.8 | 7.0 | - | 248 |
| 256 | | - | 9.7 | 6.4 | 7.3 | 7.7 | 4.6 | 7.5 | 6.6 | - | 256 |
| 264 | | - | - | 5.9 | - | 7.3 | - | 7.0 | 6.2 | - | 264 |
| 272 | | - | - | 5.6 | - | 7.0 | - | 6.1 | 5.9 | - | 272 |
| 280 | | - | - | 5.2 | - | 6.7 | - | - | 5.7 | - | 280 |
| 288 | | - | - | 4.9 | - | 6.6 | - | - | 5.3 | - | 288 |
| 296 | | - | - | - | - | - | - | - | 5.1 | - | 296 |
| 304 | | - | - | - | - | - | - | - | 4.9 | - | 304 |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|-----|---------|------|-----|----------|------|------|----------|------|------|-----|
| 163.4 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 64 | 58.3 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 57.6 | - | - | 50.9 | - | - | - | - | - | 34.6 | - | - | 72 |
| 80 | 56.9 | - | - | 50.4 | - | - | 42.1 | - | - | 34.6 | - | - | 80 |
| 88 | 55.8 | - | - | 49.8 | - | - | 41.7 | - | - | 34.5 | - | - | 88 |
| 96 | 54.3 | - | - | 49.0 | - | - | 41.3 | - | - | 34.3 | - | - | 96 |
| 104 | - | - | - | 47.6 | - | - | 40.9 | - | - | 34.0 | - | - | 104 |
| 112 | - | - | - | - | - | - | 40.5 | - | - | 33.7 | - | - | 112 |
| 120 | - | 36.4 | - | - | - | - | 39.9 | - | - | 33.4 | - | - | 120 |
| 128 | - | - | - | - | 32.9 | - | - | - | - | 33.2 | - | - | 128 |
| 136 | - | - | - | - | - | - | - | 29.0 | - | 32.7 | 24.1 | - | 136 |
| 144 | - | - | - | - | - | - | - | 27.6 | - | 32.4 | 22.8 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | 21.7 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | 20.6 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | 16.7 | - | 19.5 | - | 168 |
| 176 | - | - | - | - | - | - | - | - | 16.0 | - | - | 14.3 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 13.4 | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 12.7 | 192 |

| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
|-----------|----------|------|------|----------|------|-----|----------|------|-----|----------|------|-----|-----|
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 80 | 26.7 | - | - | 19.6 | - | - | - | - | - | - | - | - | 80 |
| 88 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | - | - | - | 88 |
| 96 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 96 |
| 104 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 104 |
| 112 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 112 |
| 120 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 120 |
| 128 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 128 |
| 136 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 136 |
| 144 | 26.7 | - | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 144 |
| 152 | 26.7 | 19.7 | - | 19.6 | - | - | 15.0 | - | - | 12.3 | - | - | 152 |
| 160 | 26.5 | 18.7 | - | 19.6 | 16.5 | - | 15.0 | - | - | 12.3 | - | - | 160 |
| 168 | - | 17.9 | - | 19.6 | 15.7 | - | 15.0 | 14.3 | - | 12.3 | - | - | 168 |
| 176 | - | 16.9 | - | 19.6 | 14.9 | - | 15.0 | 13.6 | - | 12.3 | - | - | 176 |
| 184 | - | 16.1 | - | - | 14.1 | - | 15.0 | 12.8 | - | 12.3 | 11.0 | - | 184 |
| 192 | - | - | 11.3 | - | 13.3 | - | 15.0 | 12.2 | - | 12.3 | 10.5 | - | 192 |
| 200 | - | - | 10.7 | - | 12.8 | - | 15.0 | 11.5 | - | 12.3 | 9.9 | - | 200 |
| 208 | - | - | 10.1 | - | 12.3 | - | - | 10.9 | - | 12.3 | 9.4 | - | 208 |
| 216 | - | - | 9.5 | - | - | - | - | 10.4 | - | 12.3 | 8.9 | - | 216 |
| 224 | - | - | - | - | - | - | - | 9.9 | - | - | 8.3 | - | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | 7.9 | - | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | 7.6 | - | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | 7.1 | - | 248 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | |
|-----|------|--------------|-----|-----|----------|-----|-----|------------|--|
| | | 163.4 ft | | | | | | | |
| | | 226.4 ft | | | 246.1 ft | | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | | |
| | | 1,000 lbs | | | | | | | |
| ft | | | | | | | | ft | |
| 96 | 11.9 | - | - | - | - | - | - | 96 | |
| 104 | 11.9 | - | - | - | 7.5 | - | - | 104 | |
| 112 | 11.9 | - | - | - | 7.5 | - | - | 112 | |
| 120 | 11.9 | - | - | - | 7.5 | - | - | 120 | |
| 128 | 11.9 | - | - | - | 7.5 | - | - | 128 | |
| 136 | 11.9 | - | - | - | 7.5 | - | - | 136 | |
| 144 | 11.9 | - | - | - | 7.5 | - | - | 144 | |
| 152 | 11.7 | - | - | - | 7.5 | - | - | 152 | |
| 160 | 11.6 | - | - | - | 7.5 | - | - | 160 | |
| 168 | 11.5 | - | - | - | 7.5 | - | - | 168 | |
| 176 | 11.3 | - | - | - | 7.5 | - | - | 176 | |
| 184 | 11.2 | - | - | - | 7.5 | - | - | 184 | |
| 192 | 11.0 | 9.4 | - | - | 7.5 | - | - | 192 | |
| 200 | 11.0 | 8.9 | - | - | 7.5 | 6.9 | - | 200 | |
| 208 | 10.9 | 8.5 | - | - | 7.5 | 6.5 | - | 208 | |
| 216 | 10.8 | 8.0 | - | - | 7.5 | 6.0 | - | 216 | |
| 224 | 10.8 | 7.5 | - | - | 7.5 | 5.7 | - | 224 | |
| 232 | 10.8 | 7.2 | - | - | 7.5 | 5.2 | - | 232 | |
| 240 | 10.8 | 6.8 | - | - | 7.5 | 4.8 | - | 240 | |
| 248 | - | 6.4 | - | - | 7.5 | 4.5 | - | 248 | |
| 256 | - | 5.9 | - | - | 7.5 | - | - | 256 | |
| 264 | - | 5.7 | - | - | - | - | - | 264 | |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|---|---------|-----|-----|---------|------|-----|----------|------|-----|----------|------|-----|-----|
| 179.8 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 72 | 44.8 | - | - | - | - | - | - | - | - | 23.6 | - | - | 72 |
| 80 | 44.2 | - | - | 40.0 | - | - | 31.3 | - | - | 23.6 | - | - | 80 |
| 88 | 43.4 | - | - | 39.5 | - | - | 31.3 | - | - | 23.6 | - | - | 88 |
| 96 | 41.9 | - | - | 38.8 | - | - | 31.3 | - | - | 23.6 | - | - | 96 |
| 104 | - | - | - | 37.6 | - | - | 31.3 | - | - | 23.6 | - | - | 104 |
| 112 | - | - | - | - | - | - | 31.3 | - | - | 23.6 | - | - | 112 |
| 120 | - | - | - | - | - | - | 31.1 | - | - | 23.6 | - | - | 120 |
| 128 | - | - | - | - | 22.3 | - | 30.2 | - | - | 23.6 | - | - | 128 |
| 136 | - | - | - | - | 21.9 | - | - | - | - | 23.3 | - | - | 136 |
| 144 | - | - | - | - | - | - | - | 18.7 | - | 22.5 | - | - | 144 |
| 152 | - | - | - | - | - | - | - | 18.2 | - | - | 16.2 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | 15.2 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | 14.4 | - | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | 13.7 | - | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | - | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 8.7 | 192 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 8.2 | 200 |

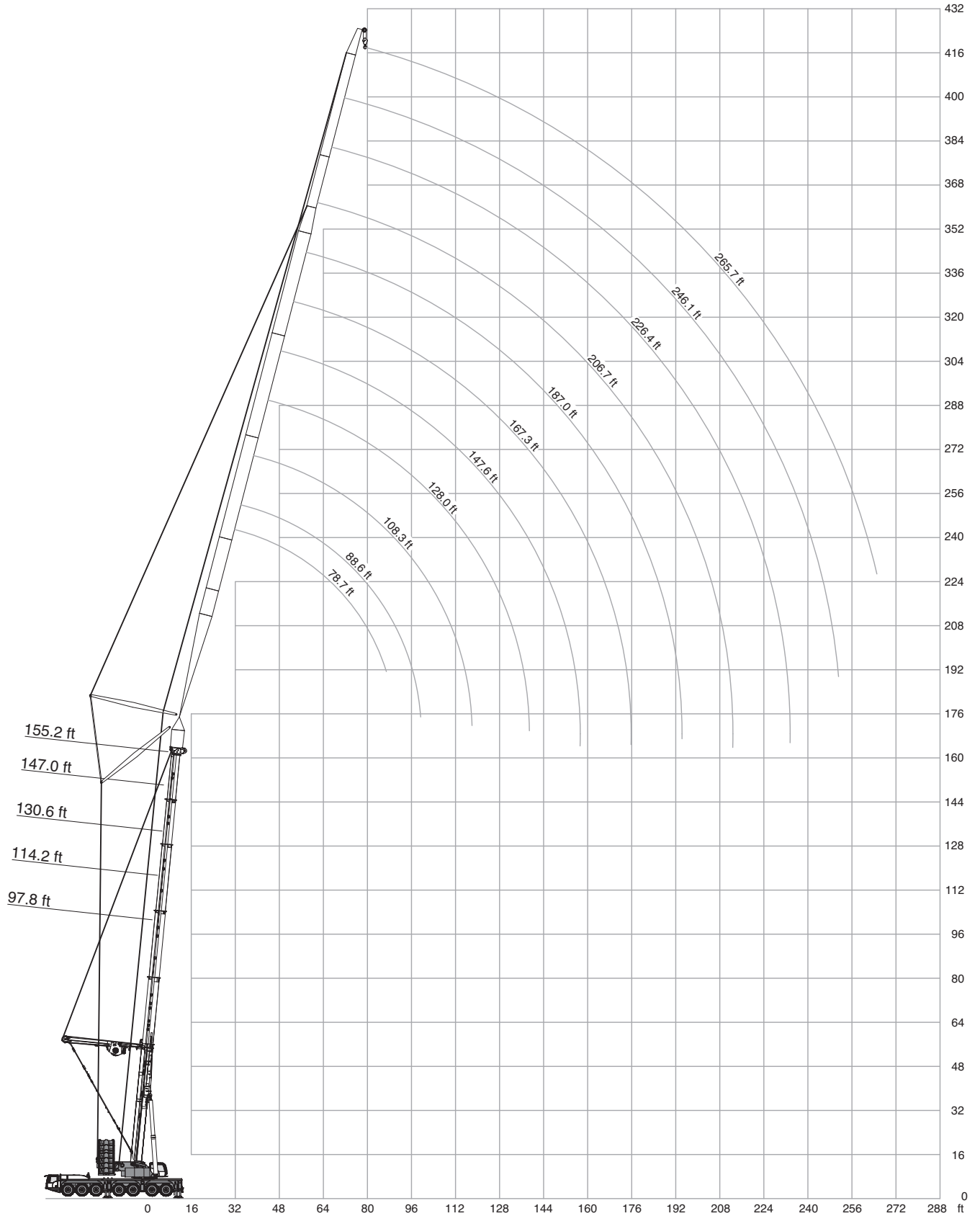
| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
|-----------|----------|------|-----|----------|------|-----|----------|-----|-----|----------|-----|-----|-----|
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 80 | 17.4 | - | - | - | - | - | - | - | - | - | - | - | 80 |
| 88 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | - | - | - | 88 |
| 96 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 96 |
| 104 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 104 |
| 112 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 112 |
| 120 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 120 |
| 128 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 128 |
| 136 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 136 |
| 144 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 144 |
| 152 | 17.4 | - | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 152 |
| 160 | 17.4 | 13.6 | - | 11.7 | - | - | 7.9 | - | - | 9.0 | - | - | 160 |
| 168 | 17.4 | 12.8 | - | 11.7 | 10.8 | - | 7.9 | - | - | 9.0 | - | - | 168 |
| 176 | - | 12.0 | - | 11.7 | 10.0 | - | 7.9 | - | - | 9.0 | - | - | 176 |
| 184 | - | 11.4 | - | 11.7 | 9.5 | - | 7.9 | 7.9 | - | 9.0 | - | - | 184 |
| 192 | - | 10.9 | - | - | 8.9 | - | 7.9 | 7.8 | - | 9.0 | 6.3 | - | 192 |
| 200 | - | - | - | - | 8.4 | - | 7.9 | 7.3 | - | 9.0 | 5.7 | - | 200 |
| 208 | - | - | 6.3 | - | 7.8 | - | - | 6.7 | - | 9.0 | 5.4 | - | 208 |
| 216 | - | - | 5.8 | - | 7.5 | - | - | 6.4 | - | 9.0 | 4.9 | - | 216 |
| 224 | - | - | - | - | - | - | - | 5.9 | - | 8.8 | - | - | 224 |
| 232 | - | - | - | - | - | - | - | 5.7 | - | - | - | - | 232 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

| 19.7 ft (XL) | | 360° | | ASME B30.5 | |
|--------------|-----------|------|---|------------|--|
| 179.8 ft | | | | | |
| 226.4 ft | | | | | |
| 84° | | 73° | | 65° | |
| ft | 1,000 lbs | | | ft | |
| 104 | 6.2 | - | - | 104 | |
| 112 | 6.2 | - | - | 112 | |
| 120 | 6.2 | - | - | 120 | |
| 128 | 6.2 | - | - | 128 | |
| 136 | 6.2 | - | - | 136 | |
| 144 | 6.2 | - | - | 144 | |
| 152 | 6.2 | - | - | 152 | |
| 160 | 6.2 | - | - | 160 | |
| 168 | 6.2 | - | - | 168 | |
| 176 | 6.2 | - | - | 176 | |
| 184 | 6.2 | - | - | 184 | |
| 192 | 6.2 | - | - | 192 | |
| 200 | 6.2 | - | - | 200 | |
| 208 | 6.2 | - | - | 208 | |
| 216 | 6.2 | - | - | 216 | |
| 224 | 6.2 | - | - | 224 | |
| 232 | 6.2 | - | - | 232 | |
| 240 | 6.2 | - | - | 240 | |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |



Operation

WIHI-SSL

| | | 19.7 ft (XL) | | | | | | | | | 360° | | | ASME B30.5 | | |
|-----|--|--------------|------|------|---------|------|------|----------|------|------|----------|------|------|------------|--|--|
| | | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | | | |
| | | 1,000 lbs | | | | | | | | | | | | | | |
| ft | | | | | | | | | | | | | | ft | | |
| 48 | | 131.1 | - | - | - | - | - | - | - | - | - | - | - | 48 | | |
| 56 | | 128.5 | - | - | 114.1 | - | - | 92.1 | - | - | 75.1 | - | - | 56 | | |
| 64 | | 122.0 | - | - | 112.0 | - | - | 90.1 | - | - | 73.3 | - | - | 64 | | |
| 72 | | 111.6 | - | - | 107.5 | - | - | 88.4 | - | - | 71.7 | - | - | 72 | | |
| 80 | | 100.7 | - | - | 100.7 | - | - | 86.8 | - | - | 70.6 | - | - | 80 | | |
| 88 | | - | 86.3 | - | 89.6 | 84.9 | - | 85.2 | - | - | 69.5 | - | - | 88 | | |
| 96 | | - | 79.2 | - | 76.4 | 78.6 | - | 80.1 | - | - | 68.4 | - | - | 96 | | |
| 104 | | - | 73.2 | - | - | 72.6 | - | 71.6 | 71.7 | - | 67.4 | 62.3 | - | 104 | | |
| 112 | | - | - | 61.0 | - | - | 60.2 | 63.9 | 66.3 | - | 64.5 | 61.2 | - | 112 | | |
| 120 | | - | - | - | - | - | 56.1 | - | 61.8 | - | 58.6 | 59.8 | - | 120 | | |
| 128 | | - | - | - | - | - | - | - | 57.7 | 51.6 | 52.9 | 56.6 | 50.2 | 128 | | |
| 136 | | - | - | - | - | - | - | - | - | 48.3 | - | 53.1 | 47.0 | 136 | | |
| 144 | | - | - | - | - | - | - | - | - | 45.3 | - | 49.7 | 44.0 | 144 | | |
| 152 | | - | - | - | - | - | - | - | - | - | - | - | 41.6 | 152 | | |
| 160 | | - | - | - | - | - | - | - | - | - | - | - | 39.1 | 160 | | |

| | | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | | |
|-----|--|-----------|------|------|----------|------|------|----------|------|------|----------|------|------|-----|--|
| | | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | | |
| | | 1,000 lbs | | | | | | | | | | | | | |
| ft | | | | | | | | | | | | | | ft | |
| 56 | | 61.7 | - | - | - | - | - | - | - | - | - | - | - | 56 | |
| 64 | | 60.5 | - | - | 48.4 | - | - | - | - | - | - | - | - | 64 | |
| 72 | | 59.1 | - | - | 47.6 | - | - | 40.1 | - | - | - | - | - | 72 | |
| 80 | | 57.8 | - | - | 46.6 | - | - | 39.4 | - | - | 32.1 | - | - | 80 | |
| 88 | | 56.8 | - | - | 45.8 | - | - | 38.8 | - | - | 31.6 | - | - | 88 | |
| 96 | | 56.0 | - | - | 45.0 | - | - | 38.2 | - | - | 31.0 | - | - | 96 | |
| 104 | | 55.4 | - | - | 44.2 | - | - | 37.5 | - | - | 30.7 | - | - | 104 | |
| 112 | | 54.9 | 50.0 | - | 43.4 | - | - | 37.0 | - | - | 30.2 | - | - | 112 | |
| 120 | | 54.1 | 49.0 | - | 42.9 | 40.5 | - | 36.5 | - | - | 29.9 | - | - | 120 | |
| 128 | | 51.9 | 48.3 | - | 42.3 | 39.7 | - | 36.0 | 34.1 | - | 29.3 | - | - | 128 | |
| 136 | | 48.4 | 47.7 | - | 41.6 | 39.0 | - | 35.8 | 33.4 | - | 28.9 | 27.7 | - | 136 | |
| 144 | | 44.5 | 47.4 | 42.9 | 40.6 | 38.4 | - | 35.5 | 32.9 | - | 28.7 | 26.9 | - | 144 | |
| 152 | | 40.5 | 45.9 | 40.5 | 39.2 | 38.1 | 36.1 | 35.2 | 32.3 | - | 28.4 | 26.6 | - | 152 | |
| 160 | | - | 43.3 | 38.0 | 37.0 | 37.9 | 35.5 | 34.4 | 31.9 | - | 28.1 | 26.1 | - | 160 | |
| 168 | | - | 40.9 | 35.9 | 34.2 | 37.9 | 34.6 | 33.6 | 31.6 | 29.9 | 27.6 | 25.7 | - | 168 | |
| 176 | | - | - | 34.0 | - | 37.6 | 32.9 | 32.1 | 31.5 | 29.4 | 27.0 | 25.4 | 22.9 | 176 | |
| 184 | | - | - | - | - | 35.7 | 31.0 | 29.7 | 31.5 | 29.1 | 26.4 | 25.1 | 22.5 | 184 | |
| 192 | | - | - | - | - | - | 29.2 | - | 31.5 | 28.4 | 25.3 | 25.1 | 22.2 | 192 | |
| 200 | | - | - | - | - | - | 27.7 | - | 31.1 | 26.9 | 23.8 | 25.1 | 21.9 | 200 | |
| 208 | | - | - | - | - | - | - | - | 29.6 | 25.5 | 21.7 | 25.1 | 21.8 | 208 | |
| 216 | | - | - | - | - | - | - | - | - | 24.1 | - | 25.1 | 21.8 | 216 | |
| 224 | | - | - | - | - | - | - | - | - | - | - | 25.0 | 21.7 | 224 | |
| 232 | | - | - | - | - | - | - | - | - | - | - | - | 20.6 | 232 | |
| 240 | | - | - | - | - | - | - | - | - | - | - | - | 19.6 | 240 | |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| 19.7 ft (XL) | | | | | | | | | | 360° | | | ASME B30.5 | | | | | | |
|--------------|------|------|------|---|------|------|------|---|------|-----------|------|---|------------|---|---|----------|---|---|-----|
| 97.8 ft | | | | | | | | | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft |
| 80 | 27.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 80 |
| 88 | 26.7 | - | - | - | 21.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 88 |
| 96 | 26.4 | - | - | - | 20.7 | - | - | - | 17.6 | - | - | - | - | - | - | - | - | - | 96 |
| 104 | 25.9 | - | - | - | 20.3 | - | - | - | 17.2 | - | - | - | - | - | - | - | - | - | 104 |
| 112 | 25.6 | - | - | - | 20.0 | - | - | - | 17.0 | - | - | - | - | - | - | - | - | - | 112 |
| 120 | 25.2 | - | - | - | 19.6 | - | - | - | 16.6 | - | - | - | - | - | - | - | - | - | 120 |
| 128 | 24.8 | - | - | - | 19.2 | - | - | - | 16.2 | - | - | - | - | - | - | - | - | - | 128 |
| 136 | 24.5 | - | - | - | 18.8 | - | - | - | 15.9 | - | - | - | - | - | - | - | - | - | 136 |
| 144 | 24.5 | - | - | - | 18.5 | - | - | - | 15.7 | - | - | - | - | - | - | - | - | - | 144 |
| 152 | 24.0 | 21.6 | - | - | 18.3 | - | - | - | 15.4 | - | - | - | - | - | - | - | - | - | 152 |
| 160 | 23.3 | 21.2 | - | - | 17.9 | 17.1 | - | - | 15.1 | - | - | - | - | - | - | - | - | - | 160 |
| 168 | 22.7 | 20.8 | - | - | 17.5 | 16.8 | - | - | 14.9 | 14.2 | - | - | - | - | - | - | - | - | 168 |
| 176 | 22.1 | 20.5 | - | - | 17.2 | 16.4 | - | - | 14.6 | 13.9 | - | - | - | - | - | - | - | - | 176 |
| 184 | 21.6 | 20.5 | - | - | 16.7 | 16.1 | - | - | 14.3 | 13.7 | - | - | - | - | - | - | - | - | 184 |
| 192 | 20.8 | 20.2 | 19.1 | - | 16.5 | 15.9 | - | - | 14.1 | 13.4 | - | - | - | - | - | - | - | - | 192 |
| 200 | 20.3 | 20.0 | 18.9 | - | 16.1 | 15.7 | - | - | 13.9 | 13.1 | - | - | - | - | - | - | - | - | 200 |
| 208 | 19.6 | 19.7 | 18.6 | - | 15.6 | 15.5 | 14.8 | - | 13.5 | 13.0 | - | - | - | - | - | - | - | - | 208 |
| 216 | 19.0 | 19.4 | 18.3 | - | 15.2 | 15.4 | 14.6 | - | 13.2 | 12.8 | 12.1 | - | - | - | - | - | - | - | 216 |
| 224 | 17.8 | 19.1 | 18.3 | - | 14.7 | 15.2 | 14.3 | - | 12.9 | 12.8 | 11.9 | - | - | - | - | - | - | - | 224 |
| 232 | - | 18.8 | 18.3 | - | 14.4 | 14.9 | 14.1 | - | 12.5 | 12.5 | 11.8 | - | - | - | - | - | - | - | 232 |
| 240 | - | 18.4 | 18.3 | - | 13.9 | 14.6 | 14.1 | - | 12.2 | 12.4 | 11.6 | - | - | - | - | - | - | - | 240 |
| 248 | - | 18.1 | 17.9 | - | 13.5 | 14.4 | 14.1 | - | 12.0 | 12.3 | 11.5 | - | - | - | - | - | - | - | 248 |
| 256 | - | - | 17.0 | - | - | 13.9 | 14.1 | - | 11.7 | 12.1 | 11.5 | - | - | - | - | - | - | - | 256 |
| 264 | - | - | - | - | - | 13.8 | 13.8 | - | 10.8 | 11.9 | 11.5 | - | - | - | - | - | - | - | 264 |
| 272 | - | - | - | - | - | - | 13.6 | - | - | 11.8 | 11.5 | - | - | - | - | - | - | - | 272 |
| 280 | - | - | - | - | - | - | 13.5 | - | - | 11.5 | 11.5 | - | - | - | - | - | - | - | 280 |
| 288 | - | - | - | - | - | - | - | - | - | 11.3 | 11.5 | - | - | - | - | - | - | - | 288 |
| 296 | - | - | - | - | - | - | - | - | - | - | 11.4 | - | - | - | - | - | - | - | 296 |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

WIHI-SSL

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|---|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 114.2 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 121.7 | - | - | 110.1 | - | - | - | - | - | 72.9 | - | - | 56 |
| 64 | 115.9 | - | - | 108.1 | - | - | 87.2 | - | - | 71.3 | - | - | 64 |
| 72 | 107.5 | - | - | 104.4 | - | - | 85.8 | - | - | 69.9 | - | - | 72 |
| 80 | 98.0 | - | - | 97.7 | - | - | 84.4 | - | - | 68.6 | - | - | 80 |
| 88 | 87.3 | 82.7 | - | 90.0 | - | - | 82.7 | - | - | 67.6 | - | - | 88 |
| 96 | - | 76.3 | - | 80.9 | 75.6 | - | 80.0 | - | - | 67.0 | - | - | 96 |
| 104 | - | 70.4 | - | - | 69.7 | - | 74.4 | - | - | 66.4 | - | - | 104 |
| 112 | - | - | 57.3 | - | 64.6 | - | 67.2 | 63.9 | - | 65.7 | 59.7 | - | 112 |
| 120 | - | - | 53.4 | - | - | 52.7 | - | 59.5 | - | 60.8 | 58.1 | - | 120 |
| 128 | - | - | - | - | - | 49.3 | - | 55.5 | - | 55.3 | 54.3 | - | 128 |
| 136 | - | - | - | - | - | 46.1 | - | 52.1 | 45.3 | 49.8 | 50.8 | 43.9 | 136 |
| 144 | - | - | - | - | - | - | - | - | 42.4 | - | 47.8 | 41.1 | 144 |
| 152 | - | - | - | - | - | - | - | - | 40.0 | - | 45.1 | 38.7 | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | - | 36.4 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 34.3 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 32.5 | 176 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|--|-----------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ft | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | ft |
| | 1,000 lbs | | | | | | | | | | | | |
| 64 | 58.8 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 57.8 | - | - | 46.3 | - | - | 38.6 | - | - | - | - | - | 72 |
| 80 | 56.5 | - | - | 45.7 | - | - | 38.3 | - | - | 31.0 | - | - | 80 |
| 88 | 55.5 | - | - | 44.7 | - | - | 37.8 | - | - | 30.6 | - | - | 88 |
| 96 | 54.7 | - | - | 43.9 | - | - | 37.4 | - | - | 30.1 | - | - | 96 |
| 104 | 53.9 | - | - | 43.3 | - | - | 36.9 | - | - | 29.8 | - | - | 104 |
| 112 | 53.6 | - | - | 42.7 | - | - | 36.3 | - | - | 29.5 | - | - | 112 |
| 120 | 53.2 | 48.0 | - | 42.0 | - | - | 35.8 | - | - | 29.3 | - | - | 120 |
| 128 | 52.5 | 47.2 | - | 41.4 | 38.9 | - | 35.3 | - | - | 28.9 | - | - | 128 |
| 136 | 49.4 | 46.6 | - | 40.9 | 38.3 | - | 35.1 | 32.7 | - | 28.3 | - | - | 136 |
| 144 | 46.0 | 46.3 | - | 40.2 | 37.7 | - | 34.8 | 32.2 | - | 28.0 | 26.5 | - | 144 |
| 152 | 42.3 | 43.9 | 37.6 | 39.1 | 37.2 | - | 34.5 | 31.7 | - | 28.0 | 26.0 | - | 152 |
| 160 | - | 41.3 | 35.3 | 37.9 | 36.9 | - | 33.9 | 31.2 | - | 27.7 | 25.6 | - | 160 |
| 168 | - | 39.1 | 33.2 | 35.3 | 36.8 | 32.1 | 33.1 | 31.0 | - | 27.5 | 25.2 | - | 168 |
| 176 | - | 37.1 | 31.4 | 32.8 | 35.9 | 30.3 | 31.8 | 30.6 | 28.9 | 26.8 | 24.8 | - | 176 |
| 184 | - | - | 29.5 | - | 34.1 | 28.4 | 30.1 | 30.6 | 27.5 | 26.0 | 24.7 | 22.0 | 184 |
| 192 | - | - | 27.9 | - | 32.3 | 26.8 | 28.3 | 30.6 | 26.1 | 25.1 | 24.5 | 21.8 | 192 |
| 200 | - | - | - | - | - | 25.4 | - | 29.8 | 24.5 | 23.7 | 24.5 | 21.5 | 200 |
| 208 | - | - | - | - | - | 23.9 | - | 28.3 | 23.2 | 22.2 | 24.5 | 21.2 | 208 |
| 216 | - | - | - | - | - | - | - | 26.8 | 21.9 | - | 24.5 | 20.8 | 216 |
| 224 | - | - | - | - | - | - | - | - | 20.8 | - | 24.4 | 19.7 | 224 |
| 232 | - | - | - | - | - | - | - | - | - | - | 23.3 | 18.6 | 232 |
| 240 | - | - | - | - | - | - | - | - | - | - | - | 17.6 | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | 16.7 | 248 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| 19.7 ft (XL) | | | | | | | | | | 360° | | | ASME B30.5 | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|-----------|--|--|------------|--|--|----------|--|--|----|
| 114.2 ft | | | | | | | | | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft |
| 88 | 25.8 | - | - | 20.6 | - | - | - | - | - | 88 | | | | | | | | | |
| 96 | 25.4 | - | - | 20.2 | - | - | 17.1 | - | - | 96 | | | | | | | | | |
| 104 | 25.2 | - | - | 19.9 | - | - | 16.8 | - | - | 104 | | | | | | | | | |
| 112 | 24.7 | - | - | 19.6 | - | - | 16.5 | - | - | 112 | | | | | | | | | |
| 120 | 24.4 | - | - | 19.3 | - | - | 16.3 | - | - | 120 | | | | | | | | | |
| 128 | 24.3 | - | - | 18.8 | - | - | 16.0 | - | - | 128 | | | | | | | | | |
| 136 | 24.1 | - | - | 18.6 | - | - | 15.7 | - | - | 136 | | | | | | | | | |
| 144 | 23.8 | - | - | 18.3 | - | - | 15.4 | - | - | 144 | | | | | | | | | |
| 152 | 23.5 | 21.1 | - | 18.0 | - | - | 15.2 | - | - | 152 | | | | | | | | | |
| 160 | 23.0 | 20.6 | - | 17.6 | - | - | 14.9 | - | - | 160 | | | | | | | | | |
| 168 | 22.7 | 20.4 | - | 17.3 | 16.5 | - | 14.6 | - | - | 168 | | | | | | | | | |
| 176 | 22.1 | 20.1 | - | 17.0 | 16.1 | - | 14.4 | 13.7 | - | 176 | | | | | | | | | |
| 184 | 21.6 | 19.8 | - | 16.5 | 15.9 | - | 14.3 | 13.4 | - | 184 | | | | | | | | | |
| 192 | 20.8 | 19.8 | - | 16.3 | 15.6 | - | 14.1 | 13.2 | - | 192 | | | | | | | | | |
| 200 | 20.3 | 19.6 | 18.4 | 15.9 | 15.4 | - | 13.8 | 12.9 | - | 200 | | | | | | | | | |
| 208 | 19.8 | 19.5 | 18.1 | 15.5 | 15.2 | 14.5 | 13.5 | 12.6 | - | 208 | | | | | | | | | |
| 216 | 19.2 | 19.2 | 17.9 | 15.0 | 15.0 | 14.1 | 13.3 | 12.6 | - | 216 | | | | | | | | | |
| 224 | 18.3 | 19.1 | 17.8 | 14.5 | 15.0 | 13.9 | 12.9 | 12.3 | 11.7 | 224 | | | | | | | | | |
| 232 | 16.7 | 19.0 | 17.6 | 14.2 | 14.7 | 13.8 | 12.6 | 12.3 | 11.4 | 232 | | | | | | | | | |
| 240 | - | 18.6 | 16.8 | 13.8 | 14.4 | 13.7 | 12.3 | 12.2 | 11.3 | 240 | | | | | | | | | |
| 248 | - | 18.3 | 16.0 | 13.3 | 14.2 | 13.5 | 12.0 | 12.1 | 11.2 | 248 | | | | | | | | | |
| 256 | - | - | 15.2 | - | 13.9 | 13.4 | 11.7 | 12.1 | 11.0 | 256 | | | | | | | | | |
| 264 | - | - | 14.4 | - | 13.6 | 13.2 | 11.1 | 12.0 | 11.0 | 264 | | | | | | | | | |
| 272 | - | - | - | - | 13.4 | 12.7 | - | 11.8 | 11.0 | 272 | | | | | | | | | |
| 280 | - | - | - | - | - | 11.9 | - | 11.5 | 10.8 | 280 | | | | | | | | | |
| 288 | - | - | - | - | - | 11.3 | - | 11.4 | 10.4 | 288 | | | | | | | | | |
| 296 | - | - | - | - | - | - | - | - | 9.9 | 296 | | | | | | | | | |
| 304 | - | - | - | - | - | - | - | - | 9.2 | 304 | | | | | | | | | |
| 312 | - | - | - | - | - | - | - | - | 8.6 | 312 | | | | | | | | | |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

WIHI-SSL

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 130.6 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 116.5 | - | - | 104.7 | - | - | - | - | - | 69.9 | - | - | 56 |
| 64 | 110.5 | - | - | 102.5 | - | - | 83.7 | - | - | 68.4 | - | - | 64 |
| 72 | 102.9 | - | - | 100.1 | - | - | 82.0 | - | - | 67.1 | - | - | 72 |
| 80 | 96.6 | - | - | 93.4 | - | - | 80.9 | - | - | 66.0 | - | - | 80 |
| 88 | 87.2 | - | - | 87.3 | - | - | 79.0 | - | - | 65.0 | - | - | 88 |
| 96 | - | 73.6 | - | 79.7 | - | - | 76.2 | - | - | 64.2 | - | - | 96 |
| 104 | - | 67.7 | - | 70.9 | 67.1 | - | 72.2 | - | - | 63.6 | - | - | 104 |
| 112 | - | - | - | - | 62.1 | - | 67.4 | 61.3 | - | 62.8 | - | - | 112 |
| 120 | - | - | 50.1 | - | 57.9 | - | - | 57.0 | - | 60.8 | 55.9 | - | 120 |
| 128 | - | - | 46.8 | - | - | 46.3 | - | 53.2 | - | 57.0 | 52.1 | - | 128 |
| 136 | - | - | - | - | - | 43.2 | - | 49.9 | - | 52.3 | 48.8 | - | 136 |
| 144 | - | - | - | - | - | 40.7 | - | 46.9 | 39.6 | - | 45.8 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | 37.4 | - | 43.1 | 36.0 | 152 |
| 160 | - | - | - | - | - | - | - | - | 35.0 | - | 40.7 | 33.8 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | - | 31.8 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 30.0 | 176 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|-------------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ft | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | ft |
| | 1,000 lbs | | | | | | | | | | | | |
| 64 | 56.1 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 55.6 | - | - | 44.1 | - | - | - | - | - | - | - | - | 72 |
| 80 | 54.5 | - | - | 43.8 | - | - | 36.6 | - | - | 29.5 | - | - | 80 |
| 88 | 53.5 | - | - | 43.2 | - | - | 36.3 | - | - | 29.2 | - | - | 88 |
| 96 | 52.7 | - | - | 42.6 | - | - | 36.0 | - | - | 29.0 | - | - | 96 |
| 104 | 52.1 | - | - | 42.0 | - | - | 35.6 | - | - | 28.7 | - | - | 104 |
| 112 | 51.6 | - | - | 41.2 | - | - | 35.0 | - | - | 28.4 | - | - | 112 |
| 120 | 51.4 | - | - | 40.7 | - | - | 34.5 | - | - | 28.2 | - | - | 120 |
| 128 | 51.1 | 45.5 | - | 40.3 | - | - | 34.2 | - | - | 27.9 | - | - | 128 |
| 136 | 49.7 | 44.9 | - | 40.0 | 37.0 | - | 33.8 | - | - | 27.6 | - | - | 136 |
| 144 | 47.5 | 44.3 | - | 39.5 | 36.4 | - | 33.7 | 31.1 | - | 27.1 | - | - | 144 |
| 152 | 44.0 | 42.0 | - | 38.7 | 35.9 | - | 33.5 | 30.6 | - | 27.1 | 23.8 | - | 152 |
| 160 | - | 39.7 | 32.7 | 37.6 | 35.6 | - | 33.3 | 30.1 | - | 26.8 | 23.4 | - | 160 |
| 168 | - | 37.3 | 30.7 | 36.1 | 35.4 | 29.6 | 32.5 | 29.8 | - | 26.7 | 23.0 | - | 168 |
| 176 | - | 35.3 | 28.9 | 33.9 | 34.2 | 27.8 | 31.5 | 29.6 | - | 26.1 | 22.7 | - | 176 |
| 184 | - | - | 27.1 | - | 32.4 | 26.0 | 29.9 | 29.3 | 25.1 | 25.5 | 22.5 | - | 184 |
| 192 | - | - | 25.7 | - | 30.7 | 24.6 | 28.4 | 29.2 | 23.7 | 24.7 | 22.3 | - | 192 |
| 200 | - | - | 24.3 | - | 29.0 | 23.1 | - | 28.2 | 22.2 | 23.6 | 22.2 | 20.6 | 200 |
| 208 | - | - | - | - | - | 21.9 | - | 26.6 | 21.0 | 22.4 | 22.0 | 19.9 | 208 |
| 216 | - | - | - | - | - | 20.6 | - | 25.2 | 19.7 | 20.8 | 22.0 | 18.6 | 216 |
| 224 | - | - | - | - | - | - | - | - | 18.6 | - | 22.0 | 17.5 | 224 |
| 232 | - | - | - | - | - | - | - | - | 17.6 | - | 21.7 | 16.5 | 232 |
| 240 | - | - | - | - | - | - | - | - | 16.8 | - | 20.7 | 15.7 | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | - | 14.8 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 13.9 | 256 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| 19.7 ft (XL) | | | | | | | | | | 360° | | | ASME B30.5 | | | | | | |
|--------------|------|------|------|---|------|------|------|---|---|-----------|------|------|------------|---|---|----------|---|---|-----|
| 130.6 ft | | | | | | | | | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft |
| 88 | 24.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 88 |
| 96 | 24.0 | - | - | - | 19.6 | - | - | - | - | 16.3 | - | - | - | - | - | - | - | - | 96 |
| 104 | 23.6 | - | - | - | 19.2 | - | - | - | - | 16.1 | - | - | - | - | - | - | - | - | 104 |
| 112 | 23.4 | - | - | - | 18.9 | - | - | - | - | 15.9 | - | - | - | - | - | - | - | - | 112 |
| 120 | 23.1 | - | - | - | 18.7 | - | - | - | - | 15.7 | - | - | - | - | - | - | - | - | 120 |
| 128 | 22.8 | - | - | - | 18.4 | - | - | - | - | 15.5 | - | - | - | - | - | - | - | - | 128 |
| 136 | 22.4 | - | - | - | 18.1 | - | - | - | - | 15.3 | - | - | - | - | - | - | - | - | 136 |
| 144 | 22.1 | - | - | - | 17.7 | - | - | - | - | 15.0 | - | - | - | - | - | - | - | - | 144 |
| 152 | 21.8 | - | - | - | 17.4 | - | - | - | - | 14.7 | - | - | - | - | - | - | - | - | 152 |
| 160 | 21.5 | 20.2 | - | - | 17.1 | - | - | - | - | 14.5 | - | - | - | - | - | - | - | - | 160 |
| 168 | 21.3 | 19.9 | - | - | 16.9 | 15.9 | - | - | - | 14.2 | - | - | - | - | - | - | - | - | 168 |
| 176 | 21.0 | 19.7 | - | - | 16.6 | 15.7 | - | - | - | 13.9 | - | - | - | - | - | - | - | - | 176 |
| 184 | 20.7 | 19.4 | - | - | 16.3 | 15.4 | - | - | - | 13.9 | 13.0 | - | - | - | - | - | - | - | 184 |
| 192 | 20.4 | 19.1 | - | - | 16.0 | 15.2 | - | - | - | 13.7 | 12.7 | - | - | - | - | - | - | - | 192 |
| 200 | 19.9 | 18.9 | - | - | 15.5 | 14.9 | - | - | - | 13.6 | 12.5 | - | - | - | - | - | - | - | 200 |
| 208 | 19.3 | 18.7 | 17.5 | - | 15.3 | 14.6 | - | - | - | 13.4 | 12.2 | - | - | - | - | - | - | - | 208 |
| 216 | 18.8 | 18.7 | 17.2 | - | 14.8 | 14.6 | - | - | - | 13.2 | 12.1 | - | - | - | - | - | - | - | 216 |
| 224 | 18.4 | 18.5 | 16.9 | - | 14.5 | 14.3 | 13.4 | - | - | 12.8 | 11.9 | - | - | - | - | - | - | - | 224 |
| 232 | 17.3 | 18.5 | 15.9 | - | 14.0 | 14.3 | 13.2 | - | - | 12.6 | 11.7 | - | - | - | - | - | - | - | 232 |
| 240 | - | 18.5 | 14.9 | - | 13.8 | 14.2 | 13.1 | - | - | 12.3 | 11.7 | 10.9 | - | - | - | - | - | - | 240 |
| 248 | - | 18.3 | 14.0 | - | 13.3 | 13.9 | 12.7 | - | - | 12.0 | 11.7 | 10.7 | - | - | - | - | - | - | 248 |
| 256 | - | 18.1 | 13.2 | - | - | 13.7 | 12.3 | - | - | 11.7 | 11.7 | 10.6 | - | - | - | - | - | - | 256 |
| 264 | - | - | 12.5 | - | - | 13.4 | 11.7 | - | - | 11.1 | 11.7 | 10.4 | - | - | - | - | - | - | 264 |
| 272 | - | - | 11.9 | - | - | 13.2 | 11.0 | - | - | 10.4 | 11.7 | 10.2 | - | - | - | - | - | - | 272 |
| 280 | - | - | 11.2 | - | - | 13.0 | 10.3 | - | - | - | 11.7 | 9.5 | - | - | - | - | - | - | 280 |
| 288 | - | - | - | - | - | - | 9.7 | - | - | - | 11.5 | 8.8 | - | - | - | - | - | - | 288 |
| 296 | - | - | - | - | - | - | 9.0 | - | - | - | 11.2 | 8.1 | - | - | - | - | - | - | 296 |
| 304 | - | - | - | - | - | - | - | - | - | - | - | 7.6 | - | - | - | - | - | - | 304 |
| 312 | - | - | - | - | - | - | - | - | - | - | - | 7.0 | - | - | - | - | - | - | 312 |
| 320 | - | - | - | - | - | - | - | - | - | - | - | 6.5 | - | - | - | - | - | - | 320 |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|------|---------|------|------|----------|------|-----|----------|------|------|-----|
| 147.0 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 56 | 111.0 | - | - | - | - | - | - | - | - | - | - | - | 56 |
| 64 | 105.1 | - | - | 97.1 | - | - | - | - | - | 65.7 | - | - | 64 |
| 72 | 95.7 | - | - | 91.6 | - | - | 78.5 | - | - | 64.4 | - | - | 72 |
| 80 | 87.7 | - | - | 85.4 | - | - | 77.4 | - | - | 63.3 | - | - | 80 |
| 88 | 81.8 | - | - | 78.8 | - | - | 76.0 | - | - | 62.3 | - | - | 88 |
| 96 | - | - | - | 74.5 | - | - | 72.0 | - | - | 61.7 | - | - | 96 |
| 104 | - | 65.3 | - | 68.9 | - | - | 66.8 | - | - | 60.9 | - | - | 104 |
| 112 | - | 60.4 | - | - | 59.7 | - | 62.1 | - | - | 58.5 | - | - | 112 |
| 120 | - | - | - | - | 55.7 | - | 58.4 | 54.9 | - | 55.8 | 48.9 | - | 120 |
| 128 | - | - | 39.0 | - | 52.0 | - | - | 51.2 | - | 52.6 | 47.3 | - | 128 |
| 136 | - | - | 37.9 | - | - | - | - | 47.9 | - | 49.6 | 45.8 | - | 136 |
| 144 | - | - | - | - | - | 37.8 | - | 45.1 | - | 46.9 | 43.7 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | 41.2 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | 38.8 | 31.3 | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | 36.8 | 29.3 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 27.6 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 26.0 | 184 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|-------------------------------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|-----|
| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 72 | 53.6 | - | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 52.5 | - | - | 42.1 | - | - | 35.0 | - | - | - | - | - | 80 |
| 88 | 51.5 | - | - | 41.7 | - | - | 34.8 | - | - | 27.8 | - | - | 88 |
| 96 | 50.7 | - | - | 41.2 | - | - | 34.6 | - | - | 27.6 | - | - | 96 |
| 104 | 50.1 | - | - | 40.4 | - | - | 34.4 | - | - | 27.6 | - | - | 104 |
| 112 | 49.6 | - | - | 39.9 | - | - | 33.9 | - | - | 27.3 | - | - | 112 |
| 120 | 49.1 | - | - | 39.4 | - | - | 33.4 | - | - | 27.3 | - | - | 120 |
| 128 | 48.7 | - | - | 39.0 | - | - | 33.1 | - | - | 27.0 | - | - | 128 |
| 136 | 48.0 | 41.4 | - | 38.6 | - | - | 32.7 | - | - | 26.7 | - | - | 136 |
| 144 | 45.8 | 39.5 | - | 38.4 | 35.1 | - | 32.4 | - | - | 26.3 | - | - | 144 |
| 152 | 43.1 | 38.4 | - | 38.0 | 34.2 | - | 32.4 | 29.5 | - | 26.0 | - | - | 152 |
| 160 | 40.3 | 37.3 | - | 37.1 | 33.0 | - | 32.2 | 29.2 | - | 25.9 | 22.6 | - | 160 |
| 168 | - | 35.8 | 28.3 | 36.1 | 31.7 | - | 31.8 | 28.6 | - | 25.8 | 22.4 | - | 168 |
| 176 | - | 33.6 | 26.5 | 34.3 | 30.9 | - | 31.0 | 28.1 | - | 25.6 | 22.1 | - | 176 |
| 184 | - | 31.7 | 24.9 | - | 30.4 | 23.8 | 29.9 | 27.3 | - | 25.1 | 21.8 | - | 184 |
| 192 | - | - | 23.5 | - | 29.0 | 22.4 | 28.4 | 26.2 | 21.3 | 24.4 | 21.5 | - | 192 |
| 200 | - | - | 22.2 | - | 27.5 | 21.1 | 26.9 | 26.0 | 20.1 | 23.5 | 20.8 | - | 200 |
| 208 | - | - | 21.0 | - | 26.1 | 19.7 | - | 25.2 | 18.9 | 22.3 | 20.2 | 17.7 | 208 |
| 216 | - | - | - | - | - | 18.6 | - | 23.9 | 17.7 | 21.0 | 19.8 | 16.6 | 216 |
| 224 | - | - | - | - | - | 17.5 | - | 22.6 | 16.7 | - | 19.6 | 15.6 | 224 |
| 232 | - | - | - | - | - | - | - | - | 15.8 | - | 19.5 | 14.7 | 232 |
| 240 | - | - | - | - | - | - | - | - | 14.9 | - | 19.1 | 13.8 | 240 |
| 248 | - | - | - | - | - | - | - | - | 14.0 | - | 18.4 | 12.9 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 12.1 | 256 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | 11.4 | 264 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| 19.7 ft (XL) | | | | | | | | | | 360° | | | ASME B30.5 | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-----|-----------|--|--|------------|--|--|----------|--|--|----|
| 147.0 ft | | | | | | | | | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft |
| 96 | 23.8 | - | - | 19.0 | - | - | - | - | - | 96 | | | | | | | | | |
| 104 | 23.2 | - | - | 18.8 | - | - | 15.5 | - | - | 104 | | | | | | | | | |
| 112 | 22.9 | - | - | 18.5 | - | - | 15.4 | - | - | 112 | | | | | | | | | |
| 120 | 22.4 | - | - | 18.2 | - | - | 15.2 | - | - | 120 | | | | | | | | | |
| 128 | 22.2 | - | - | 17.7 | - | - | 15.1 | - | - | 128 | | | | | | | | | |
| 136 | 21.7 | - | - | 17.5 | - | - | 14.8 | - | - | 136 | | | | | | | | | |
| 144 | 21.4 | - | - | 17.2 | - | - | 14.6 | - | - | 144 | | | | | | | | | |
| 152 | 21.1 | - | - | 16.9 | - | - | 14.3 | - | - | 152 | | | | | | | | | |
| 160 | 20.9 | - | - | 16.7 | - | - | 14.0 | - | - | 160 | | | | | | | | | |
| 168 | 20.7 | 19.2 | - | 16.4 | - | - | 13.9 | - | - | 168 | | | | | | | | | |
| 176 | 20.5 | 19.0 | - | 16.1 | - | - | 13.7 | - | - | 176 | | | | | | | | | |
| 184 | 20.5 | 18.7 | - | 15.9 | 14.8 | - | 13.4 | - | - | 184 | | | | | | | | | |
| 192 | 20.2 | 18.5 | - | 15.6 | 14.6 | - | 13.2 | 12.3 | - | 192 | | | | | | | | | |
| 200 | 19.9 | 18.2 | - | 15.3 | 14.4 | - | 13.1 | 12.0 | - | 200 | | | | | | | | | |
| 208 | 19.3 | 17.9 | - | 15.1 | 14.2 | - | 13.0 | 11.8 | - | 208 | | | | | | | | | |
| 216 | 18.8 | 17.7 | 15.4 | 14.6 | 13.9 | - | 13.0 | 11.7 | - | 216 | | | | | | | | | |
| 224 | 18.5 | 17.4 | 14.9 | 14.3 | 13.9 | - | 12.8 | 11.4 | - | 224 | | | | | | | | | |
| 232 | 17.8 | 17.0 | 13.9 | 14.0 | 13.7 | 11.9 | 12.5 | 11.2 | - | 232 | | | | | | | | | |
| 240 | - | 16.5 | 13.2 | 13.6 | 13.7 | 11.7 | 12.3 | 11.2 | 9.5 | 240 | | | | | | | | | |
| 248 | - | 16.5 | 12.3 | 13.3 | 13.5 | 11.2 | 12.0 | 11.2 | 9.4 | 248 | | | | | | | | | |
| 256 | - | 16.5 | 11.5 | 12.8 | 13.2 | 10.6 | 11.7 | 11.0 | 9.3 | 256 | | | | | | | | | |
| 264 | - | - | 10.7 | - | 12.9 | 9.9 | 11.3 | 10.9 | 8.9 | 264 | | | | | | | | | |
| 272 | - | - | 10.1 | - | 12.7 | 9.2 | 10.5 | 10.7 | 8.4 | 272 | | | | | | | | | |
| 280 | - | - | 9.4 | - | 12.4 | 8.6 | - | 10.6 | 7.7 | 280 | | | | | | | | | |
| 288 | - | - | 8.9 | - | 12.3 | 8.0 | - | 10.5 | 7.1 | 288 | | | | | | | | | |
| 296 | - | - | - | - | - | 7.4 | - | 10.4 | 6.6 | 296 | | | | | | | | | |
| 304 | - | - | - | - | - | 6.9 | - | 10.4 | 6.0 | 304 | | | | | | | | | |
| 312 | - | - | - | - | - | - | - | - | 5.6 | 312 | | | | | | | | | |
| 320 | - | - | - | - | - | - | - | - | 5.1 | 320 | | | | | | | | | |
| 328 | - | - | - | - | - | - | - | - | 4.6 | 328 | | | | | | | | | |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

WIHI-SSL

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 155.2 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 64 | 99.3 | - | - | 93.8 | - | - | - | - | - | 64.0 | - | - | 64 |
| 72 | 91.7 | - | - | 88.5 | - | - | 75.9 | - | - | 62.9 | - | - | 72 |
| 80 | 84.2 | - | - | 82.6 | - | - | 73.9 | - | - | 61.8 | - | - | 80 |
| 88 | 77.8 | - | - | 76.4 | - | - | 71.5 | - | - | 60.7 | - | - | 88 |
| 96 | 72.8 | - | - | 70.6 | - | - | 68.0 | - | - | 59.8 | - | - | 96 |
| 104 | - | 63.8 | - | 66.8 | - | - | 63.4 | - | - | 58.8 | - | - | 104 |
| 112 | - | 59.5 | - | - | 58.6 | - | 59.1 | - | - | 56.7 | - | - | 112 |
| 120 | - | - | - | - | 54.7 | - | 55.4 | - | - | 53.8 | - | - | 120 |
| 128 | - | - | - | - | 51.1 | - | - | 48.5 | - | 50.8 | 43.6 | - | 128 |
| 136 | - | - | 40.1 | - | - | - | - | 46.9 | - | 47.7 | 42.2 | - | 136 |
| 144 | - | - | 37.4 | - | - | 36.7 | - | 44.2 | - | 44.5 | 40.8 | - | 144 |
| 152 | - | - | - | - | - | - | - | - | - | - | 39.5 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | 31.4 | - | 38.1 | 30.2 | 160 |
| 168 | - | - | - | - | - | - | - | - | 29.5 | - | 36.0 | 28.3 | 168 |
| 176 | - | - | - | - | - | - | - | - | - | - | - | 26.7 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 25.1 | 184 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|-------------------------------------|-----------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ft | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | ft |
| | 1,000 lbs | | | | | | | | | | | | |
| 72 | 51.4 | - | - | - | - | - | - | - | - | - | - | - | 72 |
| 80 | 50.5 | - | - | 41.1 | - | - | 34.0 | - | - | - | - | - | 80 |
| 88 | 49.6 | - | - | 40.8 | - | - | 33.7 | - | - | 26.9 | - | - | 88 |
| 96 | 48.9 | - | - | 40.3 | - | - | 33.6 | - | - | 26.9 | - | - | 96 |
| 104 | 48.2 | - | - | 39.6 | - | - | 33.5 | - | - | 26.9 | - | - | 104 |
| 112 | 47.6 | - | - | 39.0 | - | - | 33.3 | - | - | 26.9 | - | - | 112 |
| 120 | 46.9 | - | - | 38.5 | - | - | 32.7 | - | - | 26.8 | - | - | 120 |
| 128 | 45.7 | 38.8 | - | 38.1 | - | - | 32.3 | - | - | 26.5 | - | - | 128 |
| 136 | 44.5 | 37.6 | - | 37.8 | - | - | 32.0 | - | - | 26.1 | - | - | 136 |
| 144 | 42.4 | 36.4 | - | 37.7 | 31.3 | - | 31.8 | - | - | 25.8 | - | - | 144 |
| 152 | 40.2 | 35.3 | - | 37.4 | 30.6 | - | 31.5 | - | - | 25.5 | - | - | 152 |
| 160 | 37.8 | 34.3 | - | 36.3 | 29.9 | - | 31.4 | 27.1 | - | 25.4 | - | - | 160 |
| 168 | - | 33.3 | - | 34.7 | 29.1 | - | 31.2 | 25.8 | - | 25.2 | 21.4 | - | 168 |
| 176 | - | 32.7 | 25.4 | 32.9 | 28.3 | - | 30.7 | 25.4 | - | 25.1 | 20.4 | - | 176 |
| 184 | - | 31.0 | 23.8 | - | 27.8 | 22.7 | 29.9 | 24.7 | - | 24.9 | 19.6 | - | 184 |
| 192 | - | - | 22.4 | - | 27.2 | 21.3 | 28.5 | 24.1 | - | 24.1 | 19.1 | - | 192 |
| 200 | - | - | 21.2 | - | 26.6 | 20.1 | 26.9 | 23.6 | 19.2 | 23.5 | 18.9 | - | 200 |
| 208 | - | - | 20.1 | - | 25.5 | 19.0 | - | 23.3 | 18.0 | 22.4 | 18.5 | 16.2 | 208 |
| 216 | - | - | - | - | - | 17.9 | - | 22.9 | 16.8 | 21.0 | 18.1 | 15.7 | 216 |
| 224 | - | - | - | - | - | 16.9 | - | 22.1 | 16.0 | - | 17.8 | 14.7 | 224 |
| 232 | - | - | - | - | - | - | - | - | 15.0 | - | 17.6 | 13.9 | 232 |
| 240 | - | - | - | - | - | - | - | - | 14.2 | - | 17.5 | 13.1 | 240 |
| 248 | - | - | - | - | - | - | - | - | 13.4 | - | 17.2 | 12.3 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 11.5 | 256 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | 10.8 | 264 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

| 19.7 ft (XL) | | | | | | | | | | 360° | | | ASME B30.5 | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-----|-----------|--|--|------------|--|--|----------|--|--|----|
| 155.2 ft | | | | | | | | | | 226.4 ft | | | 246.1 ft | | | 265.7 ft | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 84° | | | 73° | | | 65° | | | |
| | | | | | | | | | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | | | | | | | | | ft |
| 96 | 23.3 | - | - | 18.5 | - | - | - | - | - | 96 | | | | | | | | | |
| 104 | 22.8 | - | - | 18.3 | - | - | - | - | - | 104 | | | | | | | | | |
| 112 | 22.5 | - | - | 18.3 | - | - | 15.0 | - | - | 112 | | | | | | | | | |
| 120 | 22.0 | - | - | 17.8 | - | - | 14.8 | - | - | 120 | | | | | | | | | |
| 128 | 21.7 | - | - | 17.5 | - | - | 14.8 | - | - | 128 | | | | | | | | | |
| 136 | 21.3 | - | - | 17.3 | - | - | 14.6 | - | - | 136 | | | | | | | | | |
| 144 | 21.0 | - | - | 16.8 | - | - | 14.3 | - | - | 144 | | | | | | | | | |
| 152 | 20.7 | - | - | 16.5 | - | - | 14.1 | - | - | 152 | | | | | | | | | |
| 160 | 20.4 | - | - | 16.2 | - | - | 13.8 | - | - | 160 | | | | | | | | | |
| 168 | 20.3 | - | - | 16.1 | - | - | 13.5 | - | - | 168 | | | | | | | | | |
| 176 | 20.1 | 18.5 | - | 15.9 | - | - | 13.3 | - | - | 176 | | | | | | | | | |
| 184 | 20.1 | 18.1 | - | 15.6 | 14.5 | - | 13.2 | - | - | 184 | | | | | | | | | |
| 192 | 20.0 | 17.3 | - | 15.4 | 14.2 | - | 13.0 | - | - | 192 | | | | | | | | | |
| 200 | 19.7 | 16.7 | - | 15.1 | 13.8 | - | 12.9 | 11.7 | - | 200 | | | | | | | | | |
| 208 | 19.3 | 16.1 | - | 14.8 | 13.4 | - | 12.8 | 11.5 | - | 208 | | | | | | | | | |
| 216 | 18.8 | 15.9 | - | 14.6 | 13.0 | - | 12.6 | 11.3 | - | 216 | | | | | | | | | |
| 224 | 18.5 | 15.8 | 13.8 | 14.1 | 12.5 | - | 12.5 | 11.0 | - | 224 | | | | | | | | | |
| 232 | 17.8 | 15.6 | 13.2 | 13.8 | 12.1 | 10.9 | 12.3 | 10.5 | - | 232 | | | | | | | | | |
| 240 | 17.0 | 15.4 | 12.3 | 13.5 | 12.1 | 10.5 | 12.2 | 10.2 | - | 240 | | | | | | | | | |
| 248 | - | 15.1 | 11.5 | 13.2 | 12.0 | 10.2 | 12.0 | 9.8 | 8.8 | 248 | | | | | | | | | |
| 256 | - | 15.0 | 10.8 | 12.8 | 11.9 | 9.9 | 11.7 | 9.7 | 8.6 | 256 | | | | | | | | | |
| 264 | - | 14.9 | 10.1 | - | 11.8 | 9.3 | 11.4 | 9.7 | 8.2 | 264 | | | | | | | | | |
| 272 | - | - | 9.5 | - | 11.6 | 8.6 | 10.7 | 9.6 | 7.7 | 272 | | | | | | | | | |
| 280 | - | - | 8.8 | - | 11.5 | 7.9 | 9.9 | 9.5 | 7.1 | 280 | | | | | | | | | |
| 288 | - | - | 8.2 | - | 11.5 | 7.3 | - | 9.5 | 6.4 | 288 | | | | | | | | | |
| 296 | - | - | - | - | - | 6.8 | - | 9.5 | 5.9 | 296 | | | | | | | | | |
| 304 | - | - | - | - | - | 6.2 | - | 9.5 | 5.4 | 304 | | | | | | | | | |
| 312 | - | - | - | - | - | - | - | - | 4.9 | 312 | | | | | | | | | |
| 320 | - | - | - | - | - | - | - | - | 4.5 | 320 | | | | | | | | | |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

WIHI-SSL

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 163.4 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 64 | 94.0 | - | - | - | - | - | - | - | - | - | - | - | 64 |
| 72 | 88.5 | - | - | 84.1 | - | - | - | - | - | 61.3 | - | - | 72 |
| 80 | 82.7 | - | - | 79.5 | - | - | 71.4 | - | - | 60.5 | - | - | 80 |
| 88 | 76.1 | - | - | 74.7 | - | - | 68.1 | - | - | 59.4 | - | - | 88 |
| 96 | 70.2 | - | - | 69.5 | - | - | 64.9 | - | - | 57.9 | - | - | 96 |
| 104 | - | - | - | 64.2 | - | - | 61.5 | - | - | 56.0 | - | - | 104 |
| 112 | - | 57.2 | - | - | 54.5 | - | 58.0 | - | - | 53.9 | - | - | 112 |
| 120 | - | 54.5 | - | - | 52.2 | - | 54.2 | - | - | 51.7 | - | - | 120 |
| 128 | - | - | - | - | 49.9 | - | - | 44.9 | - | 49.6 | 40.4 | - | 128 |
| 136 | - | - | 28.5 | - | - | - | - | 43.1 | - | 46.7 | 38.9 | - | 136 |
| 144 | - | - | 27.6 | - | - | - | - | 41.7 | - | 43.8 | 37.5 | - | 144 |
| 152 | - | - | - | - | - | 33.4 | - | - | - | - | 36.5 | - | 152 |
| 160 | - | - | - | - | - | - | - | - | - | - | 35.4 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | 30.5 | - | 34.4 | 27.3 | 168 |
| 176 | - | - | - | - | - | - | - | - | 28.6 | - | - | 25.6 | 176 |
| 184 | - | - | - | - | - | - | - | - | 26.9 | - | - | 24.2 | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 22.9 | 192 |

| 147.6 ft 167.3 ft 187.0 ft 206.7 ft | | | | | | | | | | | | | |
|-------------------------------------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|-----|
| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 80 | 49.5 | - | - | 40.5 | - | - | - | - | - | - | - | - | 80 |
| 88 | 48.7 | - | - | 39.9 | - | - | 33.1 | - | - | - | - | - | 88 |
| 96 | 47.9 | - | - | 39.4 | - | - | 32.8 | - | - | 26.0 | - | - | 96 |
| 104 | 47.1 | - | - | 38.9 | - | - | 32.7 | - | - | 26.0 | - | - | 104 |
| 112 | 46.3 | - | - | 38.3 | - | - | 32.4 | - | - | 26.0 | - | - | 112 |
| 120 | 45.4 | - | - | 37.8 | - | - | 32.1 | - | - | 26.0 | - | - | 120 |
| 128 | 44.2 | - | - | 37.3 | - | - | 31.6 | - | - | 25.9 | - | - | 128 |
| 136 | 42.9 | 34.9 | - | 36.7 | - | - | 31.4 | - | - | 25.6 | - | - | 136 |
| 144 | 41.3 | 33.8 | - | 36.2 | - | - | 30.9 | - | - | 25.4 | - | - | 144 |
| 152 | 39.2 | 32.7 | - | 35.4 | 28.6 | - | 30.6 | 23.5 | - | 25.1 | - | - | 152 |
| 160 | 37.0 | 31.6 | - | 34.5 | 27.7 | - | 30.6 | 23.1 | - | 24.8 | - | - | 160 |
| 168 | - | 30.7 | - | 33.4 | 26.9 | - | 30.3 | 22.5 | - | 24.7 | 18.6 | - | 168 |
| 176 | - | 29.8 | 24.0 | 32.2 | 26.1 | - | 29.7 | 21.9 | - | 24.5 | 18.2 | - | 176 |
| 184 | - | 29.3 | 22.9 | - | 25.3 | - | 29.1 | 21.1 | - | 24.5 | 17.8 | - | 184 |
| 192 | - | - | 21.5 | - | 24.8 | 19.7 | 28.2 | 20.6 | - | 23.9 | 17.6 | - | 192 |
| 200 | - | - | 20.3 | - | 24.3 | 18.9 | 26.9 | 20.1 | - | 23.4 | 17.3 | - | 200 |
| 208 | - | - | 19.2 | - | 23.9 | 18.1 | - | 19.8 | 16.5 | 22.5 | 16.9 | - | 208 |
| 216 | - | - | 18.1 | - | - | 17.0 | - | 19.4 | 15.9 | 21.3 | 16.6 | 13.9 | 216 |
| 224 | - | - | - | - | - | 16.0 | - | 19.0 | 15.1 | - | 16.1 | 13.4 | 224 |
| 232 | - | - | - | - | - | 15.2 | - | - | 14.3 | - | 15.8 | 12.8 | 232 |
| 240 | - | - | - | - | - | - | - | - | 13.3 | - | 15.5 | 12.1 | 240 |
| 248 | - | - | - | - | - | - | - | - | 12.6 | - | 15.4 | 11.6 | 248 |
| 256 | - | - | - | - | - | - | - | - | - | - | - | 10.8 | 256 |
| 264 | - | - | - | - | - | - | - | - | - | - | - | 10.1 | 264 |
| 272 | - | - | - | - | - | - | - | - | - | - | - | 9.5 | 272 |

- 132,300 lbs 154,300 lbs 176,400 lbs 198,400 lbs 220,500 lbs
- 242,500 lbs 264,600 lbs 286,600 lbs 308,700 lbs 330,700 lbs

| | | 19.7 ft (XL) | | | 360° | | | ASME B30.5 | | | |
|-----|--|--------------|------|------|----------|------|-----|------------|---|---|-----|
| | | 226.4 ft | | | 246.1 ft | | | | | | |
| | | 84° | 73° | 65° | 84° | 73° | 65° | | | | |
| | | 1,000 lbs | | | | | | | | | |
| ft | | | | | | | | | | | ft |
| 96 | | 22.9 | - | - | - | - | - | - | - | - | 96 |
| 104 | | 22.3 | - | - | 17.9 | - | - | - | - | - | 104 |
| 112 | | 22.0 | - | - | 17.8 | - | - | - | - | - | 112 |
| 120 | | 21.7 | - | - | 17.6 | - | - | - | - | - | 120 |
| 128 | | 21.3 | - | - | 17.2 | - | - | - | - | - | 128 |
| 136 | | 21.0 | - | - | 16.8 | - | - | - | - | - | 136 |
| 144 | | 20.5 | - | - | 16.5 | - | - | - | - | - | 144 |
| 152 | | 20.3 | - | - | 16.3 | - | - | - | - | - | 152 |
| 160 | | 20.2 | - | - | 16.0 | - | - | - | - | - | 160 |
| 168 | | 19.9 | - | - | 15.7 | - | - | - | - | - | 168 |
| 176 | | 19.7 | 16.1 | - | 15.5 | - | - | - | - | - | 176 |
| 184 | | 19.6 | 15.9 | - | 15.4 | - | - | - | - | - | 184 |
| 192 | | 19.6 | 15.6 | - | 15.2 | 12.7 | - | - | - | - | 192 |
| 200 | | 19.4 | 15.3 | - | 14.9 | 12.2 | - | - | - | - | 200 |
| 208 | | 19.1 | 15.1 | - | 14.6 | 12.0 | - | - | - | - | 208 |
| 216 | | 18.8 | 14.8 | - | 14.3 | 11.9 | - | - | - | - | 216 |
| 224 | | 18.5 | 14.3 | 12.1 | 14.1 | 11.7 | - | - | - | - | 224 |
| 232 | | 18.1 | 14.0 | 11.7 | 13.8 | 11.4 | - | - | - | - | 232 |
| 240 | | 17.3 | 13.8 | 11.2 | 13.4 | 11.1 | 9.1 | - | - | - | 240 |
| 248 | | - | 13.5 | 10.7 | 13.1 | 10.9 | 8.8 | - | - | - | 248 |
| 256 | | - | 13.2 | 10.1 | 12.8 | 10.6 | 8.4 | - | - | - | 256 |
| 264 | | - | 13.2 | 9.5 | - | 10.5 | 8.2 | - | - | - | 264 |
| 272 | | - | - | 8.8 | - | 10.3 | 7.7 | - | - | - | 272 |
| 280 | | - | - | 8.1 | - | 10.2 | 7.2 | - | - | - | 280 |
| 288 | | - | - | 7.6 | - | 10.1 | 6.7 | - | - | - | 288 |
| 296 | | - | - | - | - | - | 6.1 | - | - | - | 296 |
| 304 | | - | - | - | - | - | 5.6 | - | - | - | 304 |
| 312 | | - | - | - | - | - | 5.2 | - | - | - | 312 |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

Operation

WIHI-SSL

| 19.7 ft (XL) 360° ASME B30.5 | | | | | | | | | | | | | |
|------------------------------|---------|------|------|---------|------|------|----------|------|------|----------|------|------|-----|
| 179.8 ft | | | | | | | | | | | | | |
| ft | 78.7 ft | | | 88.6 ft | | | 108.3 ft | | | 128.0 ft | | | ft |
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 72 | 76.2 | - | - | 72.3 | - | - | - | - | - | - | - | - | 72 |
| 80 | 70.7 | - | - | 67.4 | - | - | 62.4 | - | - | 56.1 | - | - | 80 |
| 88 | 66.3 | - | - | 63.0 | - | - | 59.1 | - | - | 53.6 | - | - | 88 |
| 96 | 62.8 | - | - | 59.3 | - | - | 55.5 | - | - | 51.2 | - | - | 96 |
| 104 | - | - | - | 56.3 | - | - | 52.2 | - | - | 48.6 | - | - | 104 |
| 112 | - | 47.5 | - | - | - | - | 49.5 | - | - | 45.9 | - | - | 112 |
| 120 | - | 45.9 | - | - | 43.3 | - | 47.4 | - | - | 43.6 | - | - | 120 |
| 128 | - | 44.3 | - | - | 41.9 | - | 45.9 | - | - | 41.5 | - | - | 128 |
| 136 | - | - | - | - | 40.4 | - | - | 36.7 | - | 39.8 | 33.2 | - | 136 |
| 144 | - | - | 18.8 | - | - | - | - | 35.3 | - | 38.4 | 31.8 | - | 144 |
| 152 | - | - | - | - | - | - | - | 34.2 | - | - | 30.7 | - | 152 |
| 160 | - | - | - | - | - | 29.4 | - | - | - | - | 29.6 | - | 160 |
| 168 | - | - | - | - | - | - | - | - | - | - | 28.7 | - | 168 |
| 176 | - | - | - | - | - | - | - | - | 26.6 | - | 28.1 | 21.3 | 176 |
| 184 | - | - | - | - | - | - | - | - | - | - | - | 20.5 | 184 |
| 192 | - | - | - | - | - | - | - | - | - | - | - | 19.7 | 192 |
| 200 | - | - | - | - | - | - | - | - | - | - | - | 19.0 | 200 |

| ft | 147.6 ft | | | 167.3 ft | | | 187.0 ft | | | 206.7 ft | | | ft |
|-----------|----------|------|------|----------|------|------|----------|------|-----|----------|------|-----|-----|
| | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | 84° | 73° | 65° | |
| 1,000 lbs | | | | | | | | | | | | | |
| 80 | 46.4 | - | - | - | - | - | - | - | - | - | - | - | 80 |
| 88 | 45.5 | - | - | 37.7 | - | - | - | - | - | - | - | - | 88 |
| 96 | 44.3 | - | - | 37.2 | - | - | 30.6 | - | - | 24.7 | - | - | 96 |
| 104 | 43.1 | - | - | 36.7 | - | - | 30.5 | - | - | 24.5 | - | - | 104 |
| 112 | 41.3 | - | - | 36.1 | - | - | 30.4 | - | - | 24.2 | - | - | 112 |
| 120 | 39.2 | - | - | 35.0 | - | - | 30.1 | - | - | 23.7 | - | - | 120 |
| 128 | 37.4 | - | - | 33.6 | - | - | 29.6 | - | - | 23.4 | - | - | 128 |
| 136 | 35.6 | - | - | 32.1 | - | - | 28.8 | - | - | 22.8 | - | - | 136 |
| 144 | 34.0 | 28.5 | - | 30.7 | - | - | 28.0 | - | - | 22.3 | - | - | 144 |
| 152 | 32.9 | 27.4 | - | 29.4 | 22.4 | - | 27.2 | - | - | 21.7 | - | - | 152 |
| 160 | 31.9 | 26.6 | - | 28.3 | 21.6 | - | 26.1 | - | - | 21.0 | - | - | 160 |
| 168 | 31.3 | 25.6 | - | 27.2 | 20.8 | - | 25.0 | 18.5 | - | 20.3 | - | - | 168 |
| 176 | - | 24.8 | - | 26.5 | 20.0 | - | 24.1 | 18.0 | - | 19.5 | 15.0 | - | 176 |
| 184 | - | 24.2 | 18.5 | 26.0 | 19.4 | - | 23.4 | 17.4 | - | 18.7 | 15.0 | - | 184 |
| 192 | - | 23.5 | 17.7 | - | 18.8 | - | 22.8 | 16.9 | - | 18.2 | 14.4 | - | 192 |
| 200 | - | - | 17.0 | - | 18.3 | 14.8 | 22.2 | 16.3 | - | 17.6 | 14.0 | - | 200 |
| 208 | - | - | 16.4 | - | 17.8 | 14.2 | 22.0 | 15.8 | - | 17.1 | 13.6 | - | 208 |
| 216 | - | - | 15.9 | - | 17.6 | 13.5 | - | 15.5 | - | 16.8 | 13.0 | - | 216 |
| 224 | - | - | - | - | - | 13.2 | - | 15.2 | - | 16.5 | 12.7 | - | 224 |
| 232 | - | - | - | - | - | 12.7 | - | 14.8 | - | - | 12.5 | - | 232 |
| 240 | - | - | - | - | - | 12.3 | - | - | - | - | 12.2 | - | 240 |
| 248 | - | - | - | - | - | - | - | - | - | - | 12.0 | - | 248 |

- 132,300 lbs
- 154,300 lbs
- 176,400 lbs
- 198,400 lbs
- 220,500 lbs
- 242,500 lbs
- 264,600 lbs
- 286,600 lbs
- 308,700 lbs
- 330,700 lbs

Operation

WIHI-SSL

| | | 19.7 ft (XL) | | 360° | | |
|-----|-----------|--------------|-----|------|--|--|
| | | 179.8 ft | | | | |
| | | 226.4 ft | | | | |
| | | 84° | 73° | 65° | | |
| ft | 1,000 lbs | | | ft | | |
| 104 | 21.2 | - | - | 104 | | |
| 112 | 20.9 | - | - | 112 | | |
| 120 | 20.4 | - | - | 120 | | |
| 128 | 20.2 | - | - | 128 | | |
| 136 | 19.7 | - | - | 136 | | |
| 144 | 19.4 | - | - | 144 | | |
| 152 | 19.1 | - | - | 152 | | |
| 160 | 18.7 | - | - | 160 | | |
| 168 | 18.3 | - | - | 168 | | |
| 176 | 17.9 | - | - | 176 | | |
| 184 | 17.4 | 13.0 | - | 184 | | |
| 192 | 16.6 | 12.9 | - | 192 | | |
| 200 | 16.1 | 12.6 | - | 200 | | |
| 208 | 15.6 | 12.0 | - | 208 | | |
| 216 | 15.0 | 11.7 | - | 216 | | |
| 224 | 14.7 | 11.4 | - | 224 | | |
| 232 | 14.3 | 10.9 | - | 232 | | |
| 240 | 14.2 | 10.7 | - | 240 | | |
| 248 | 14.1 | 10.4 | - | 248 | | |
| 256 | - | 10.1 | - | 256 | | |
| 264 | - | 10.0 | - | 264 | | |
| 272 | - | 9.9 | - | 272 | | |

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| 132,300 lbs | 154,300 lbs | 176,400 lbs | 198,400 lbs | 220,500 lbs |
| 242,500 lbs | 264,600 lbs | 286,600 lbs | 308,700 lbs | 330,700 lbs |

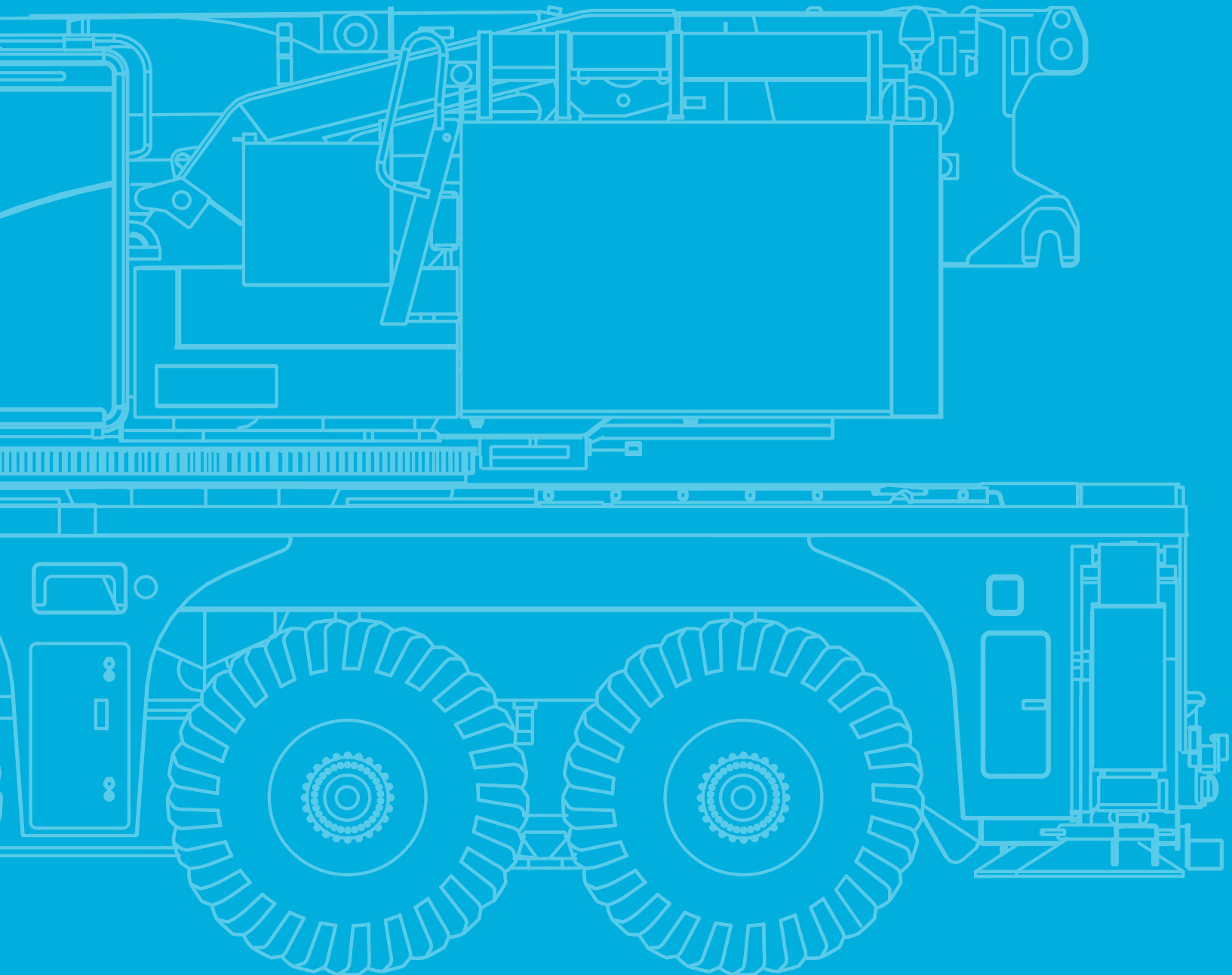
Notes to Lifting Capacity

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

| | |
|--------------------------------------|---|
| Engine 460-5 | Mercedes-Benz OM473; Diesel engine; Output 460 kW / 1600 1/min (617 HP), torque 3000 Nm / 1300 1/min; The engine complies with EU Stage V / Tier 4F; Exhaust system complete stainless steel with SCR catalyzer. |
| Fuel tank | 159 gallons Diesel (no RME /biodiesel); 25 gallons AdBlue tank. |
| Transmission G280-16TRC | Mercedes-Benz G280-16TRC; Automated gearbox with turbo retarder clutch; 16 forward speeds and 4 reverse; 1-stage transfer case with switchable longitudinal lock. |
| Axles 14 x 8 x 14 | All 7 axles steered, axles 2, 3, 6 and 7 are driven and dispose of selectable transverse lock; Axle 6 with a selectable longitudinal lock. |
| Suspension | Hydropneumatic suspension with axle load compensation; Hydraulically lockable. |
| Steering | Dual-circuit steering system with independent rear axle steering; Axles 1, 2, 3 mechanically connected; Axle 5 and 6/7 electro-hydraulically connected; Active rear axle steering with different steering programs. |
| Brakes | Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wearless, sustained-action brake; Additional exhaust brake; Parking brake. |
| Tires | Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7" |
| Cab 2850 | Type 9.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary /passenger seat; Powered door windows; Tinted glass; Central door locking; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating; Heating engine-dependent; Aircondition. |
| Rear view camera | Display in carrier cab; Cameras installed on rear of vehicle. |
| Drive lights | Including low beam, upper beam, daytime running lights, fog lights and cornering lights. |
| Central lubrication | Automatic central lubrication system for the lubricating points at the carrier. |
| Outriggers | H-4-Point design; Vertical and horizontal movement fully hydraulic; Automatic or manual levelling; 5 outrigger bases: 8.9 ft, 13.2 ft, 18.0 ft, 22.9 ft and 27.7 ft. 4 round polyamide outrigger pads A = 1.25 ft ² with transport position at vertical cylinder. |
| Outrigger basis monitoring | Individual monitoring of horizontal stroke; Deviation warning in cab. |
| Outrigger load indicator | The outrigger load is indicated in the operator cab and the outrigger control box. |
| Electronic immobilizer system | Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys. |
| Pneumatic tire filling plug | For self-inflating of the wheels. |

Equipment superstructure

| | |
|--|--|
| Telescopic boom HA80 | 48.6 ft - 262.5 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 6 sheaves integrated in boom head for max. capacity of 296,100 lbs. |
| Boom luffing | 1 luffing cylinder with automatic lowering brake valve. |
| Rotary drive | 1 slewing gear unit with spring-loaded multi-disc brake. |
| H1 | Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring. |
| Counterweight base frame 44,100 lbs | Self rigging with semiautomatic rigging system, rigging storage on carrier front; Expandable to max. 330,700 lbs. |
| 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 load moment indicator acc. EN13000; Colour display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger. |
| IC-1 Plus | Smart crane control system for main boom operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation. |
| IC-1 Remote | IC-1 Remote, Tadano Telematiksystem. |
| Working range limiter | Displaying and programmability of the work range limits by IC-1. |
| Cab 875 | Type 2.87 ft; Tilt infinitely variable 16°; Sliding window rear; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating; Heating engine-independent; Aircondition. |
| Remote control | Control of rigging and superstructure movements via wireless remote control. |
| Central lubrication | Automatic central lubrication system for the lubricating points at the superstructure. |

Technical Description

Additional equipment

Carrier

| | |
|-------------------------------------|--|
| Engine 460-3 | Mercedes-Benz OM473; Diesel engine; Output 460 kW / 1600 1/min (617 HP), torque 3000 Nm / 1300 1/min; The engine complies with ECE R96 (equivalent to former European regulation EU Stage IIIA/ Tier 3); Exhaust system complete stainless steel incl. spark arrester certificate. |
| Additional fuel tank | 53 gallons; For 211 gallons diesel total carrier (no RME / biodiesel). |
| Removable outrigger box rear | Removable outrigger box rear incl. hydraulic pinning system and quick connections. |
| Tadano Surround View | 360° view during road travelling; Speed dependent; Indication in display of carrier cabin. Usable as assistance system when entering jobsite with indication of outrigger positions and tailswing of counterweight. |

Superstructure

| | |
|---|---|
| Quick connection main boom (HA) | Hydraulic bolt extractors and hydraulic and electric quick couplings for fast main boom (dis-) assembly; Incl. luffing cylinder. |
| Heavy lift attachment | 3 additional sheaves; For total 9 sheaves at boom head; Max. capacity of 431,000 lbs. |
| SSL | Sideways Superlift; Capacity increasing boom guy support. |
| 2. hoist (H2) | Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. hoist monitoring and quick couplings. |
| Additional counterweight 286,600 lbs | 12 x 22,050 lbs + 2 x 11,000 lbs or 10 x 22,050 lbs + 6 x 11,000 lbs; For total 330,700 lbs. |
| Counterweight adapter frame (XL) | Counterweight adapter frame for increased counterweight tailswing; Increase in lifting capacity especially when working with SSL. |
| Engine-independent aircondition | For superstructure cabin; Powered by auxiliary diesel power unit; Incl. electrical power supply. |
| Load supervision camera | Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head. |

Extensions

| | |
|------------------------|---|
| WIHI 265.7 ft | Luffing jib with 9.8 ft increments incl. bridle; 3-sheave head; Enables configuration WIHI 78.7 ft - 265.7 ft, LF 26.2 ft - 193.6 ft. |
| LF 193.6 ft | Light fixed jib; 3-sheave head; Enables configuration LF 26.2 ft - 193.6 ft. |
| F-A 183.7 ft | Fixed jib; Manual offset 20°/40°; 3-sheave head; Enables configuration F-A 36.1 ft - 183.7 ft, LF 26.2 ft - 55.8 ft. |
| F-A-HY 183.7 ft | Fixed jib; Hydraulic, stepless offset 0°-40°; 3-sheave head; Enables configuration F-A-HY 36.1 ft - 183.7 ft, LF 26.2 ft - 55.8 ft. |
| MS (Runner) | 6.6 ft; Assembly jib with fixed angle, 3-sheaved for max. capacity 102,700 lbs; Operation on main boom and all extensions possible. |

Hook Blocks

| | |
|--|--|
| Hook block 441,000 lbs, 9-sheaves | Max. capacity of 431,000 lbs; 4,410 lbs; Double hook, red with white signal stripes. |
| Hook block 352,800 lbs, 7-sheaves | Max. capacity of 342,000 lbs; 4,190 lbs; Double hook, red with white signal stripes. |
| Hook block 275,600 lbs, 5-sheaves | Max. capacity of 272,800 lbs; 3,100 lbs; Double hook, red with white signal stripes. |
| Hook block 176,400 lbs, 3-sheaves | Max. capacity of 177,100 lbs; 2,650 lbs; Double hook, red with white signal stripes. |
| Hook block 88,200 lbs, 1-sheave | Max. capacity of 77,400 lbs; 1,980 lbs; Double hook, red with white signal stripes. |
| Hook 26,500 lbs | Max. capacity of 26,000 lbs; 1,100 lbs; 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.

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Lifting your dreams

