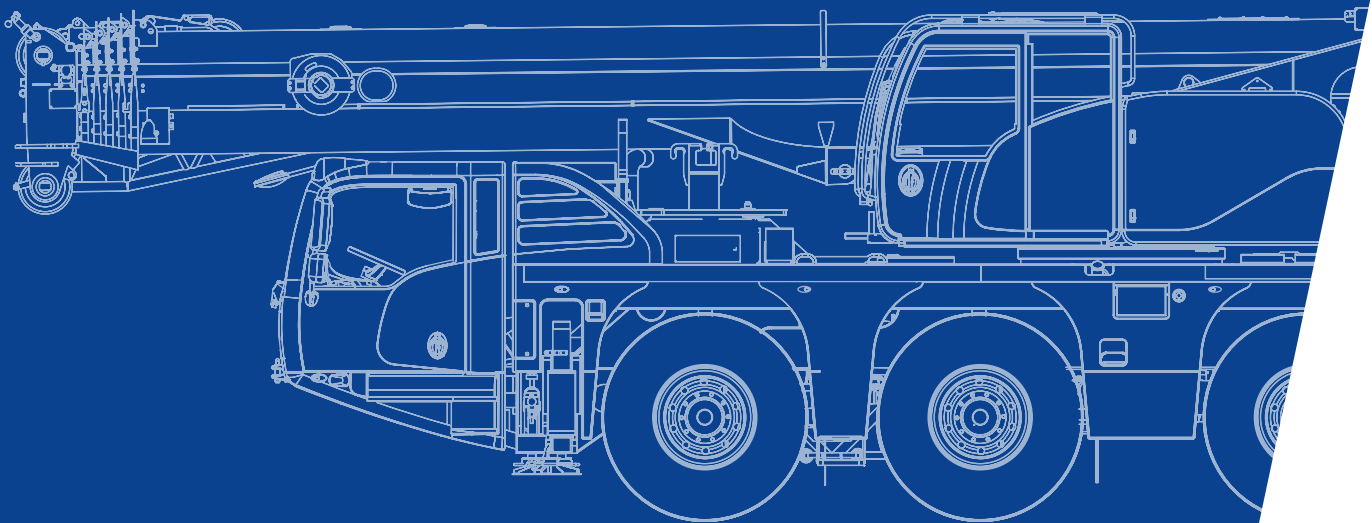
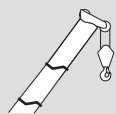


# AC 60-3



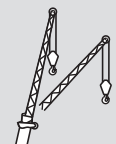
**All Terrain Crane  
65 USt Capacity class**

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



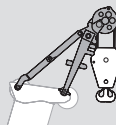
## HA

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



## HAV

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

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| Runner ..... | 26 |
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| Technical description..... | 34 |
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Counterweight



Lifting capacities on outriggers  
360°



Radius



Main boom



Folding swing-away jib



Runner



Max. axle loads



Mechanism



Tires



Hook block



Hoist



Dolly



Travel speed



Gradeability – road



Gradeability – off road



Slewing



Boom telescoping



Boom elevation



Working speeds



Max. line pull



Rope diameter



Rope length



Hook block  
(capacity-sheaves-rope diameter)



Number of lines



Possible load of hook block



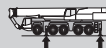
Weight of hook block



Distance head sheave axle – hook ground



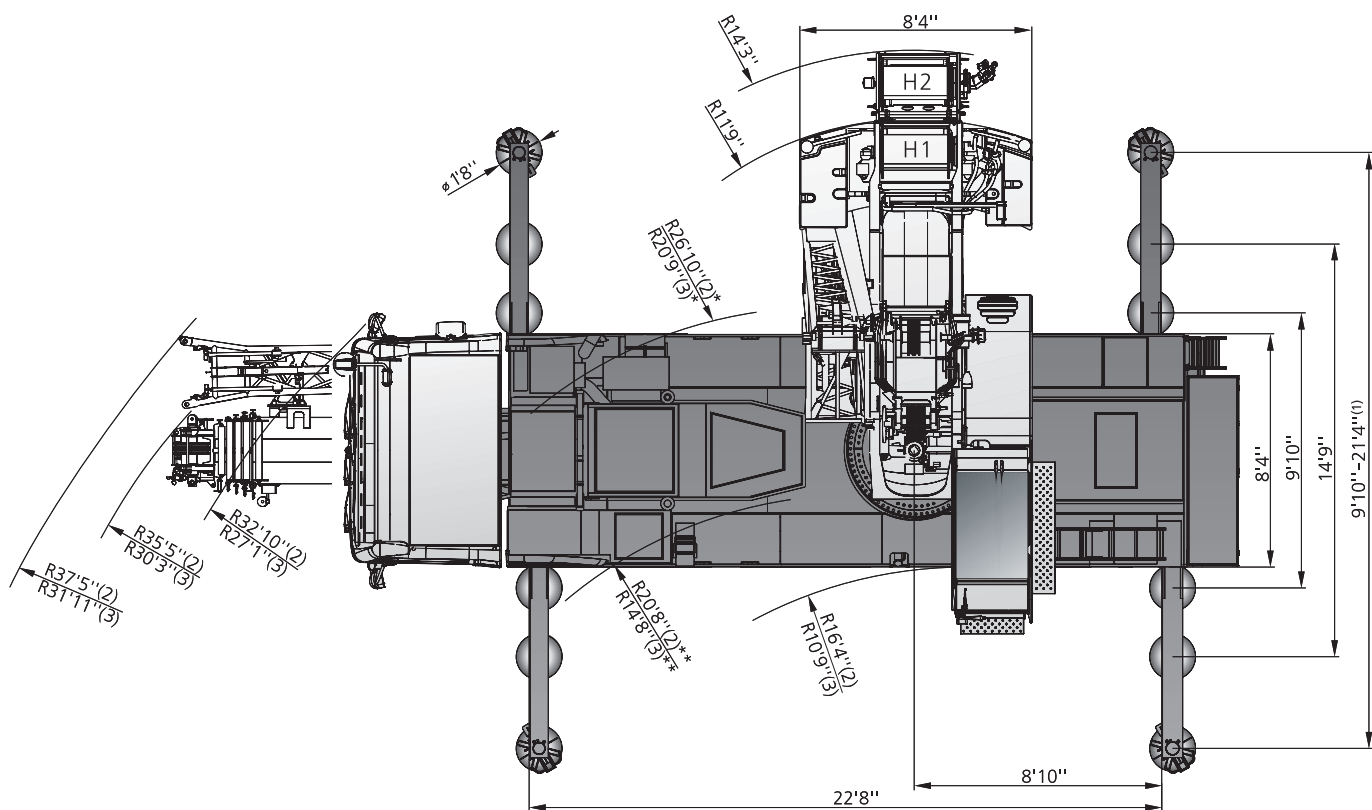
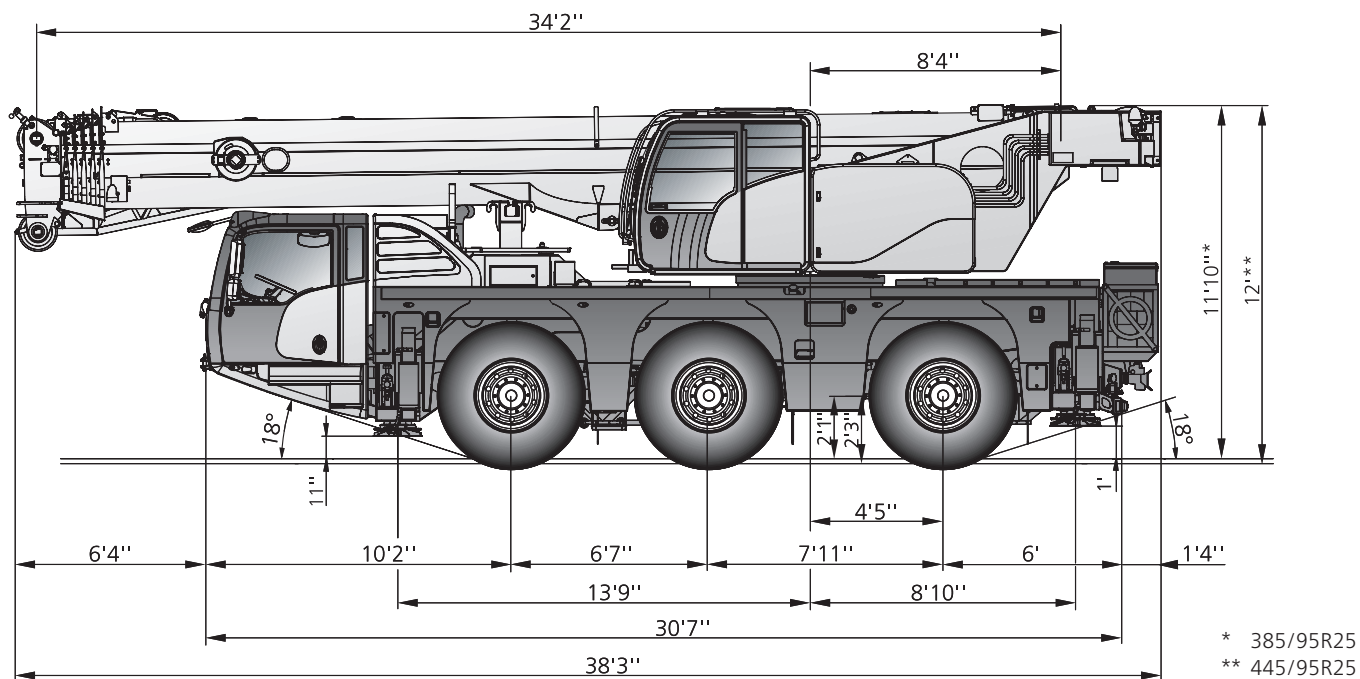
Number of sheaves in boom head



Supporting force



Length of stroke (support cylinders)



(1) only with Flex Base

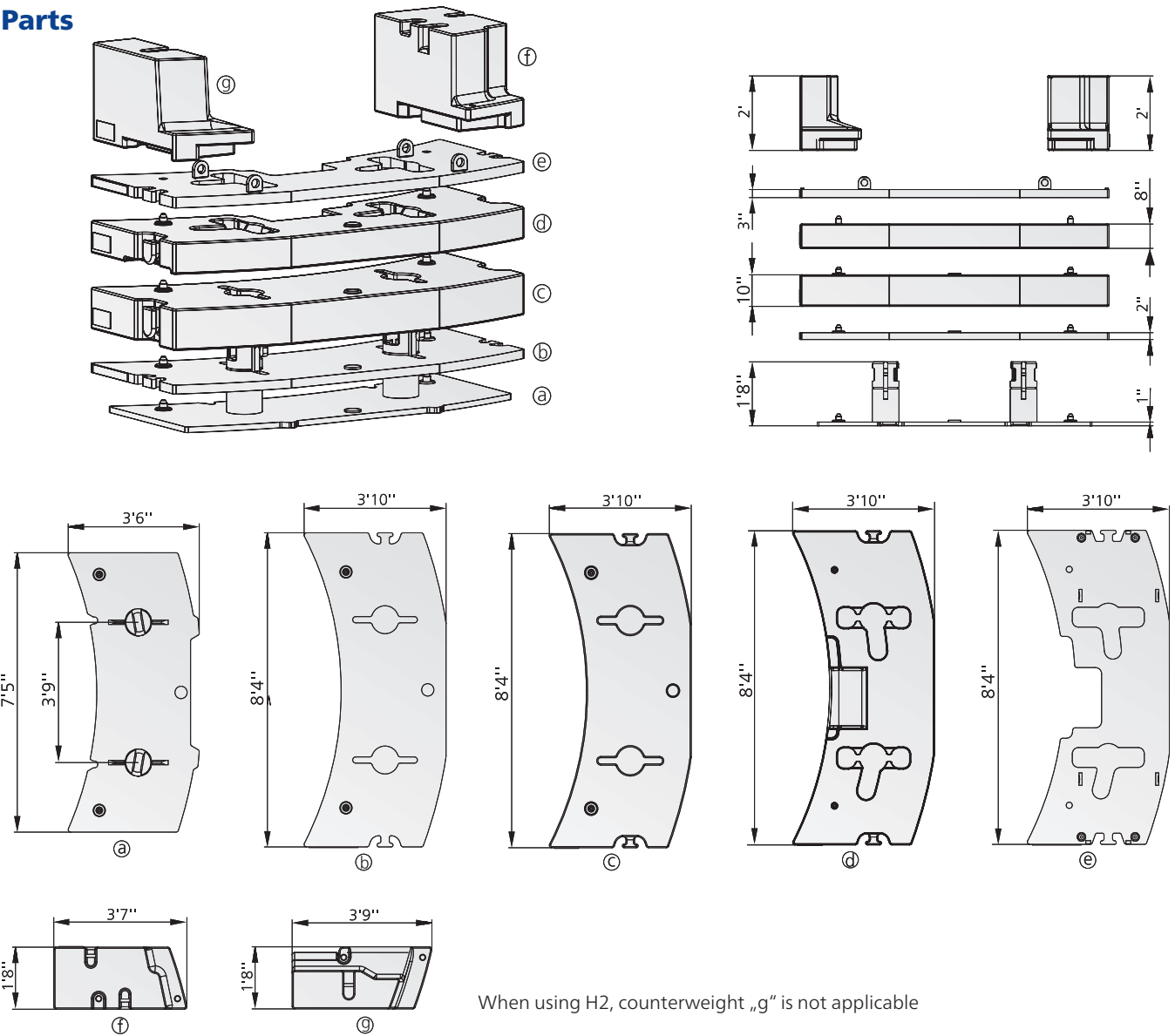
(2) steering mode 2

\* outer turning radius, axle 1  
see page 6

(3) steering mode 3\*

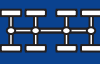
\*\* inner turning radius, axle 1

Parts



Configurations

|           | Ⓐ 1,300 lb | Ⓑ 2,000 lb | Ⓒ 8,300 lb | Ⓓ 6,000 lb | Ⓔ 2,000 lb | Ⓕ 4,200 lb | Ⓖ 2,900 lb |
|-----------|------------|------------|------------|------------|------------|------------|------------|
| 7,100 lb  |            |            |            |            |            | X          | X          |
| 8,400 lb  | X          |            |            |            |            | X          | X          |
| 9,100 lb  |            |            |            |            | X          | X          | X          |
| 10,400 lb | X          | X          |            |            |            | X          | X          |
| 12,400 lb | X          | X          |            |            | X          | X          | X          |
| 15,100 lb |            |            |            | X          | X          | X          | X          |
| 18,700 lb | X          | X          | X          |            |            | X          | X          |
| 20,700 lb | X          | X          | X          |            | X          | X          | X          |
| 24,700 lb | X          | X          | X          | X          |            | X          | X          |
| 26,700 lb | X          | X          | X          | X          | X          | X          | X          |

|  |              |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | Total        |  |  |  |  |  |  |
| < 20,100 lb                                                                       | On request!  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | X                                                                                   |
| < 26,500 lb                                                                       | < 79,400 lb  | 6 x 4 x 6                                                                         | 445/95 R25                                                                        | 50-3B-18                                                                          | 10,400 lb                                                                           | –                                                                                   | –                                                                                   |
| < 26,500 lb                                                                       | < 79,400 lb  | 6 x 6 x 6                                                                         | 445/95 R25                                                                        | 50-3-18                                                                           | 8,400 lb                                                                            | –                                                                                   | –                                                                                   |
| < 26,500 lb                                                                       | < 79,400 lb  | 6 x 6 x 6                                                                         | 445/95 R25                                                                        | 50-3B-18                                                                          | 7,100 lb                                                                            | 52.5 ft                                                                             | –                                                                                   |
| < 28,700 lb                                                                       | < 86,000 lb  | 6 x 6 x 6                                                                         | 445/95 R25                                                                        | 50-3-18                                                                           | 12,400 lb                                                                           | 52.5 ft                                                                             | –                                                                                   |
| < 34,200 lb                                                                       | < 101,400 lb | 6 x 6 x 6                                                                         | 445/95 R25                                                                        | 50-3-18                                                                           | 26,700 lb                                                                           | 52.5 ft                                                                             | –                                                                                   |

|                                                                                   |                                      |                                                                                   |                       |
|-----------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------|-----------------------|
|  | 1 Highway > 28 mph                   |  | 4* Off-wall           |
|  | 2 City < 28 mph                      |  | 5* Crab steer mode    |
|  | 3* Minimum turning radius < 12.4 mph |  | 6* All wheel steering |

\*must be activated

|  |           |                        |  |
|------------------------------------------------------------------------------------|-----------|------------------------|------------------------------------------------------------------------------------|
| 70,600 lb                                                                          | 88,200 lb | 52.8 mph <sup>1)</sup> |                                                                                    |
| 2'-1.5"                                                                            | 2'-4"     |                        |                                                                                    |

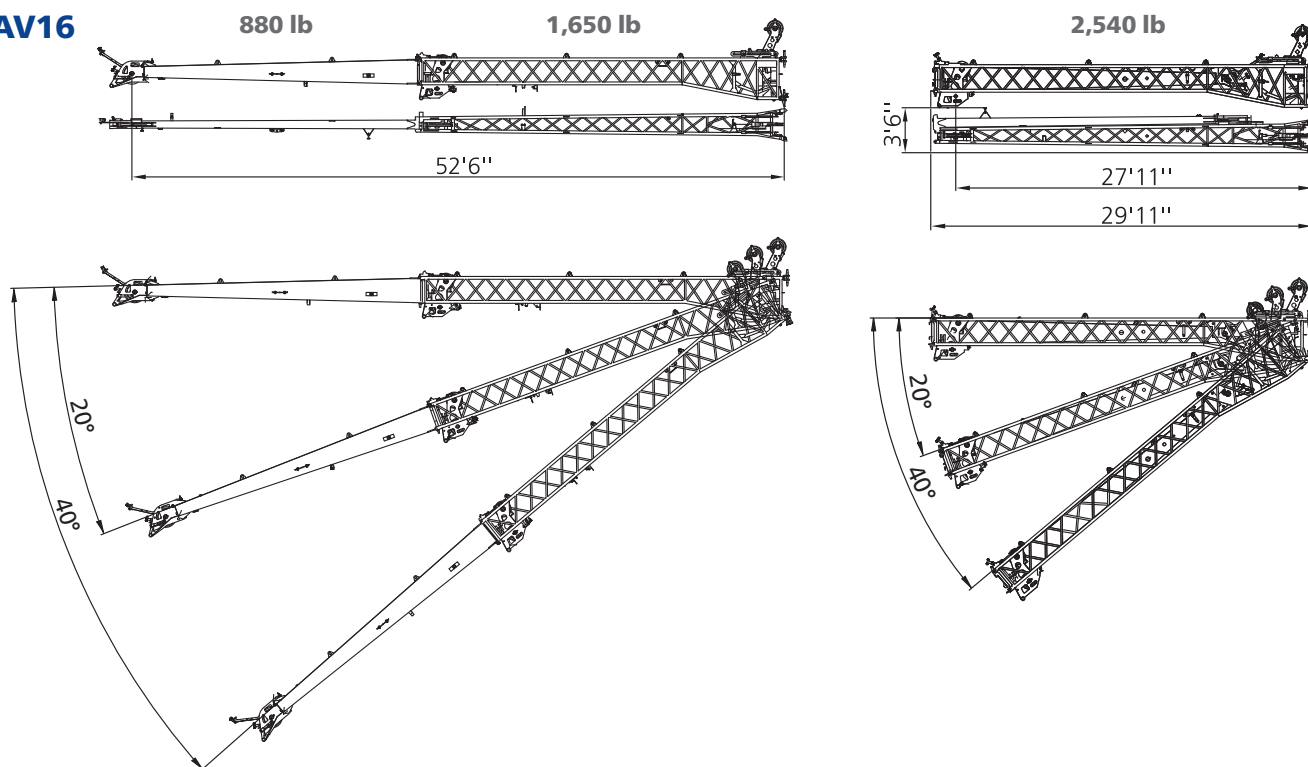
<sup>1)</sup> Depending on tire type, size and country specific legislation

|  |                           |                           |                           |
|-------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
|  | 385 / 95 R25<br>14.00 R25 | 445 / 95 R25<br>16.00 R25 | 525 / 80 R25<br>20.50 R25 |
|  | 59 %                      | 53 %                      | 53 %                      |
|  | > 80 %                    | > 80 %                    | > 80 %                    |

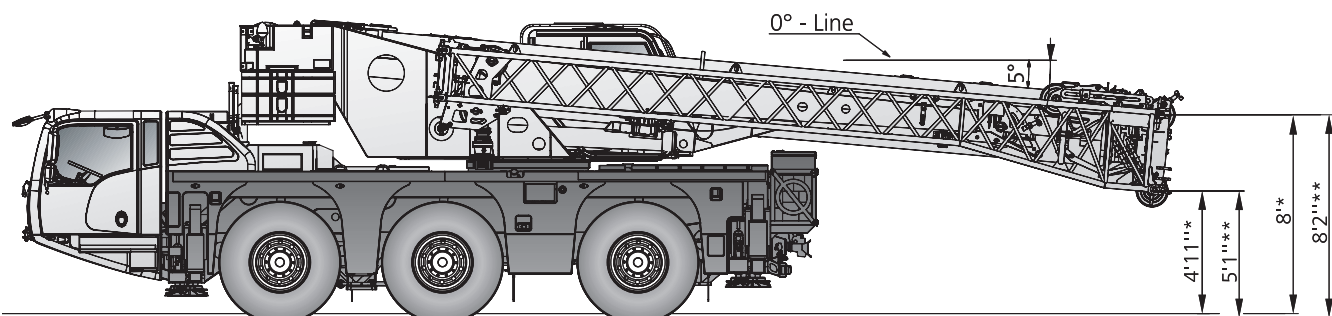
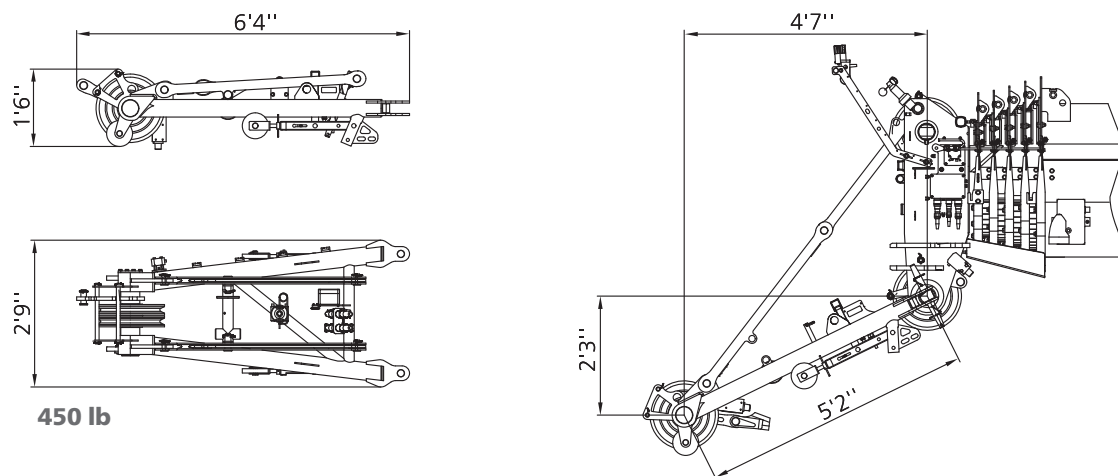
|  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| 1                                                                                   | 393.7 ft/min                                                                        | 15,040 lbf                                                                          | 0.72"                                                                               | 656 ft                                                                              |
| 2                                                                                   | 393.7 ft/min                                                                        | 15,040 lbf                                                                          | 0.72"                                                                               | 656 ft                                                                              |
|  | 1,8 min <sup>-1</sup>                                                               |                                                                                     |                                                                                     |                                                                                     |
|  | ca. 490 s<br>(34.1 - 164.0 ft)                                                      |                                                                                     |                                                                                     |                                                                                     |
|  | ca. 50s (-5° - 82°)                                                                 |                                                                                     |                                                                                     |                                                                                     |

|  |  |  |  |  |  |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1                                                                                  | 15,000 lb                                                                           | 8-0-18                                                                                | 3                                                                                     | 375 lb                                                                                | 3.3 ft                                                                                |
| 2                                                                                  | 29,600 lb                                                                           | 20-1-18                                                                               | 3                                                                                     | 662 lb                                                                                | 5.9 ft                                                                                |
| 3                                                                                  | 44,100 lb                                                                           | 20-1-18                                                                               | 3                                                                                     | 662 lb                                                                                | 5.9 ft                                                                                |
| 4                                                                                  | 58,700 lb                                                                           | 50-3-18                                                                               | 3                                                                                     | 1,320 lb                                                                              | 5.9 ft                                                                                |
| 5                                                                                  | 73,000 lb                                                                           | 50-3-18                                                                               | 3                                                                                     | 1,320 lb                                                                              | 5.9 ft                                                                                |
| 6                                                                                  | 87,100 lb                                                                           | 50-3-18                                                                               | 3                                                                                     | 1,320 lb                                                                              | 5.9 ft                                                                                |

### HAV16

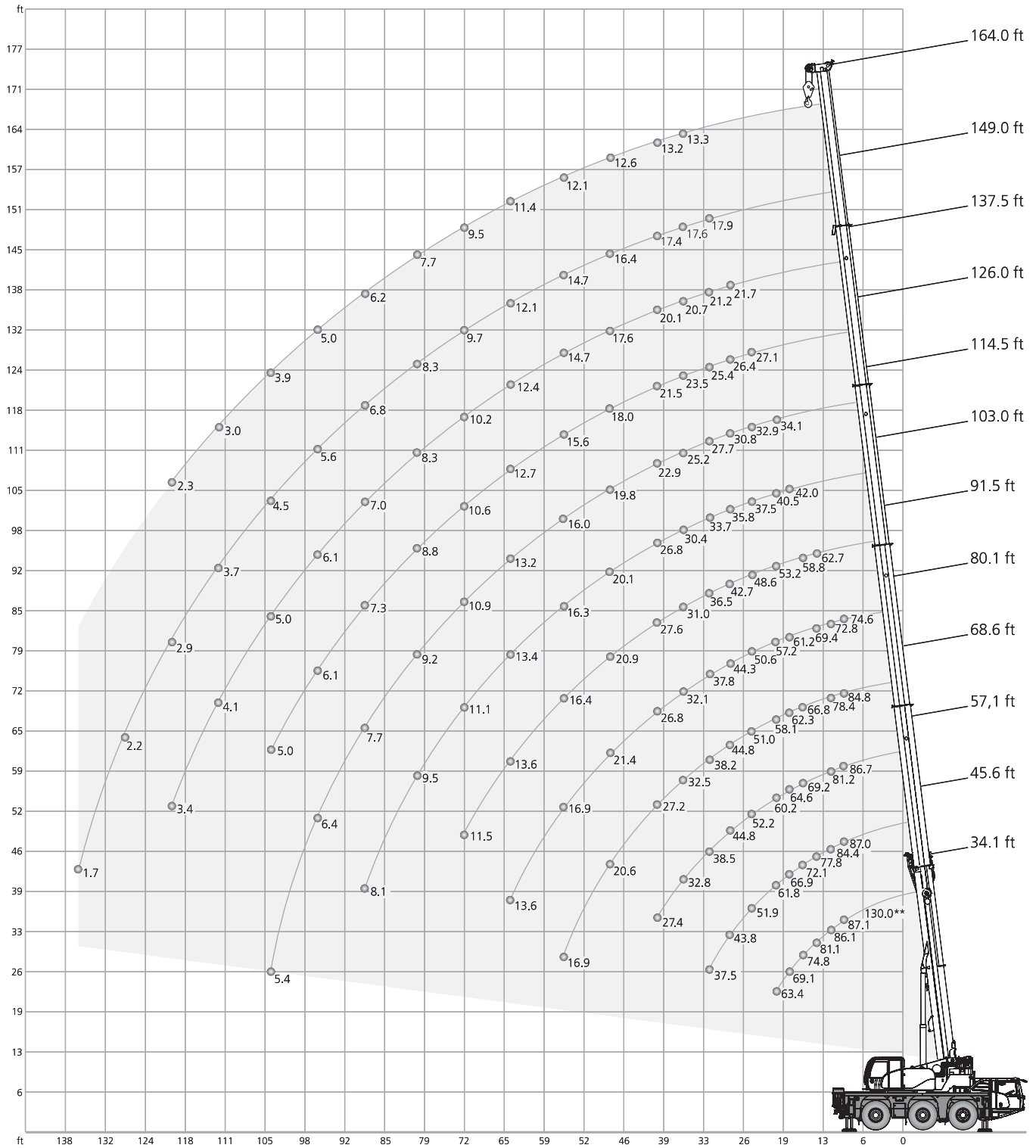
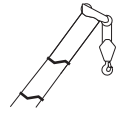


### MS



\* 385/95R25

\*\*445/95R25



\*\* Capacity class



|  26,700 lb                                                                         |          |  22.6 ft x 21.3 ft |         | 360°    |         | ASME B30.5 |         |          |          |          |          |          |          |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|---------|---------|---------|------------|---------|----------|----------|----------|----------|----------|----------|-------------------------------------------------------------------------------------|
|   | 34.1ft*  | 34.1ft                                                                                              | 45.6 ft | 57.1 ft | 68.6 ft | 80.1 ft    | 91.5 ft | 103.0 ft | 114.5 ft | 126.0 ft | 137.5 ft | 149.0 ft | 164.0 ft |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                     |         |         |         |            |         |          |          |          |          |          |          | ft                                                                                  |
| 8                                                                                                                                                                   | 130.0**  | -                                                                                                   | -       | -       | -       | -          | -       | -        | -        | -        | -        | -        | -        | 8                                                                                   |
| 10                                                                                                                                                                  | 87.1     | 87.1                                                                                                | 87.0    | 86.7    | 84.8    | 74.6       | -       | -        | -        | -        | -        | -        | -        | 10                                                                                  |
| 12                                                                                                                                                                  | 86.1     | 85.8                                                                                                | 84.4    | 81.2    | 78.4    | 72.8       | -       | -        | -        | -        | -        | -        | -        | 12                                                                                  |
| 14                                                                                                                                                                  | 81.1     | 79.6                                                                                                | 77.8    | 74.8    | 72.4    | 69.4       | 62.7    | -        | -        | -        | -        | -        | -        | 14                                                                                  |
| 16                                                                                                                                                                  | 74.8     | 72.3                                                                                                | 72.1    | 69.2    | 66.8    | 64.9       | 58.8    | -        | -        | -        | -        | -        | -        | 16                                                                                  |
| 18                                                                                                                                                                  | 69.1     | 66.4                                                                                                | 66.9    | 64.6    | 62.3    | 61.2       | 55.8    | 42.0     | -        | -        | -        | -        | -        | 18                                                                                  |
| 20                                                                                                                                                                  | 63.4     | 60.7                                                                                                | 61.8    | 60.2    | 58.1    | 57.2       | 53.2    | 40.5     | 34.1     | -        | -        | -        | -        | 20                                                                                  |
| 24                                                                                                                                                                  | -        | -                                                                                                   | 51.9    | 52.2    | 51.0    | 50.6       | 48.6    | 37.5     | 32.9     | 27.1     | -        | -        | -        | 24                                                                                  |
| 28                                                                                                                                                                  | -        | -                                                                                                   | 43.8    | 44.8    | 44.8    | 44.3       | 42.7    | 35.8     | 30.8     | 26.4     | 21.7     | -        | -        | 28                                                                                  |
| 32                                                                                                                                                                  | -        | -                                                                                                   | 37.5    | 38.5    | 38.2    | 37.8       | 36.5    | 33.7     | 27.7     | 25.4     | 21.2     | 17.9     | -        | 32                                                                                  |
| 36                                                                                                                                                                  | -        | -                                                                                                   | -       | 32.8    | 32.5    | 32.1       | 31.0    | 30.4     | 25.2     | 23.5     | 20.7     | 17.6     | 13.3     | 36                                                                                  |
| 40                                                                                                                                                                  | -        | -                                                                                                   | -       | 27.4    | 27.2    | 26.8       | 27.6    | 26.8     | 22.9     | 21.5     | 20.1     | 17.4     | 13.2     | 40                                                                                  |
| 48                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | 20.6    | 21.4       | 20.9    | 20.1     | 19.8     | 18.0     | 17.6     | 16.4     | 12.6     | 48                                                                                  |
| 56                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | 16.9    | 16.9       | 16.4    | 16.3     | 16.0     | 15.6     | 14.7     | 14.7     | 12.1     | 56                                                                                  |
| 64                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | 13.6       | 13.6    | 13.4     | 13.2     | 12.7     | 12.4     | 12.1     | 11.4     | 64                                                                                  |
| 72                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | 11.5    | 11.1     | 10.9     | 10.6     | 10.2     | 9.7      | 9.5      | 72                                                                                  |
| 80                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | -       | 9.5      | 9.2      | 8.8      | 8.3      | 8.3      | 7.7      | 80                                                                                  |
| 88                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | -       | 8.1      | 7.7      | 7.3      | 7.0      | 6.8      | 6.2      | 88                                                                                  |
| 96                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | 6.4      | 6.1      | 6.1      | 5.6      | 5.0      | 96                                                                                  |
| 104                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | 5.4      | 5.0      | 5.0      | 4.5      | 3.9      | 104                                                                                 |
| 112                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | -        | -        | 4.1      | 3.7      | 3.0      | 112                                                                                 |
| 120                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | -        | -        | 3.4      | 2.9      | 2.3      | 120                                                                                 |
| 128                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | -        | -        | -        | 2.2      | -        | 128                                                                                 |
| 136                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -       | -        | -        | -        | -        | 1.7      | -        | 136                                                                                 |
| 1)                                                                                                                                                                  | 31.7     | 31.7                                                                                                | 23.4    | 18.3    | 14.6    | 11.5       | 9.0     | 7.1      | 5.1      | 3.7      | 2.6      | 1.5      | -        | 1)                                                                                  |

1) Capacities with horizontal boom

\* over rear

\*\* Capacity class

|  20,700 lb |                                                                                                  |  22.6 ft x 21.3 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|            |  360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                          | 1,000 lb                                                                                         |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                          | 87.1                                                                                             | 87.1                                                                                                | 87.0           | 87.0           | 86.7           | 86.7           | 84.8           | 84.8           | 74.6           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                          | 85.7                                                                                             | 85.8                                                                                                | 84.4           | 84.4           | 81.2           | 81.2           | 78.4           | 78.4           | 72.8           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                          | 79.3                                                                                             | 79.6                                                                                                | 77.8           | 77.8           | 74.8           | 74.8           | 72.4           | 72.4           | 69.4           | 69.4           | 62.7           | 62.7           | 14                                                                                  |    |
| 16                                                                                          | 72.0                                                                                             | 72.3                                                                                                | 72.1           | 72.1           | 69.2           | 69.2           | 66.8           | 66.8           | 64.9           | 64.9           | 58.8           | 58.8           | 16                                                                                  |    |
| 18                                                                                          | 65.6                                                                                             | 66.4                                                                                                | 66.5           | 66.9           | 64.6           | 64.6           | 62.3           | 62.3           | 61.2           | 61.2           | 55.8           | 55.8           | 18                                                                                  |    |
| 20                                                                                          | 59.5                                                                                             | 60.5                                                                                                | 60.8           | 61.6           | 60.1           | 60.1           | 58.1           | 58.1           | 57.2           | 57.2           | 53.2           | 53.2           | 20                                                                                  |    |
| 24                                                                                          | -                                                                                                | -                                                                                                   | 50.1           | 50.1           | 50.3           | 50.3           | 50.1           | 50.1           | 49.8           | 50.0           | 47.2           | 47.7           | 24                                                                                  |    |
| 28                                                                                          | -                                                                                                | -                                                                                                   | 41.1           | 41.6           | 42.4           | 42.8           | 42.4           | 42.7           | 41.6           | 42.2           | 38.8           | 39.5           | 28                                                                                  |    |
| 32                                                                                          | -                                                                                                | -                                                                                                   | 33.9           | 34.6           | 34.6           | 35.3           | 34.6           | 35.3           | 34.1           | 34.8           | 32.5           | 33.3           | 32                                                                                  |    |
| 36                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 29.0           | 29.7           | 29.0           | 29.7           | 28.6           | 29.2           | 28.5           | 28.9           | 36                                                                                  |    |
| 40                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 24.2           | 24.8           | 24.2           | 24.8           | 25.0           | 25.5           | 24.4           | 25.0           | 40                                                                                  |    |
| 48                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 19.1           | 19.2           | 18.9           | 19.5           | 18.4           | 18.9           | 48                                                                                  |    |
| 56                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 15.0           | 15.7           | 14.8           | 15.3           | 14.8           | 15.2           | 56                                                                                  |    |
| 64                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | 12.1           | 12.4           | 12.2           | 12.7           | 64                                                                                  |    |
| 72                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 10.0           | 10.4           | 72                                                                                  |    |
| 80                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |    |
| 1)                                                                                          | 31.7                                                                                             | 30.9                                                                                                | 23.4           | 22.5           | 18.3           | 17.6           | 13.2           | 13.9           | 10.1           | 10.6           | 7.7            | 8.4            | 1)                                                                                  |    |

|  |  | 360°<br>103.0 ft | Max.<br>103.0 ft | 360°<br>114.5 ft | Max.<br>114.5 ft | 360°<br>126.0 ft | Max.<br>126.0 ft | 360°<br>137.5 ft | Max.<br>137.5 ft | 360°<br>149.0 ft | Max.<br>149.0 ft | 360°<br>164.0 ft | Max.<br>164.0 ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                                                                                     |
| 18                                                                                | 42.0                                                                              | 42.0             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 18                                                                                  |
| 20                                                                                | 40.5                                                                              | 40.5             | 34.1             | 34.1             | -                | -                | -                | -                | -                | -                | -                | -                | -                | 20                                                                                  |
| 24                                                                                | 37.5                                                                              | 37.5             | 32.9             | 32.9             | 27.1             | 27.1             | -                | -                | -                | -                | -                | -                | -                | 24                                                                                  |
| 28                                                                                | 35.8                                                                              | 35.8             | 30.8             | 30.8             | 26.4             | 26.4             | 21.7             | 21.7             | -                | -                | -                | -                | -                | 28                                                                                  |
| 32                                                                                | 32.2                                                                              | 32.7             | 27.7             | 27.7             | 25.4             | 25.4             | 21.2             | 21.2             | 17.9             | 17.9             | -                | -                | -                | 32                                                                                  |
| 36                                                                                | 27.9                                                                              | 28.5             | 24.9             | 25.1             | 23.4             | 23.5             | 20.7             | 20.7             | 17.6             | 17.6             | 13.3             | 13.3             | 13.3             | 36                                                                                  |
| 40                                                                                | 23.7                                                                              | 24.4             | 22.8             | 22.8             | 21.2             | 21.5             | 20.0             | 20.1             | 17.4             | 17.4             | 13.2             | 13.2             | 13.2             | 40                                                                                  |
| 48                                                                                | 18.4                                                                              | 18.6             | 18.0             | 18.7             | 17.5             | 17.8             | 16.7             | 17.1             | 16.0             | 16.3             | 12.6             | 12.6             | 12.6             | 48                                                                                  |
| 56                                                                                | 14.6                                                                              | 15.2             | 14.5             | 14.7             | 14.0             | 14.6             | 13.7             | 14.1             | 13.0             | 13.8             | 11.8             | 12.1             | 12.1             | 56                                                                                  |
| 64                                                                                | 11.9                                                                              | 12.2             | 11.6             | 12.2             | 11.3             | 11.8             | 10.9             | 11.3             | 10.7             | 11.1             | 9.7              | 10.6             | 10.6             | 64                                                                                  |
| 72                                                                                | 9.7                                                                               | 10.4             | 9.5              | 10.2             | 9.1              | 9.7              | 9.1              | 9.3              | 8.6              | 9.3              | 7.8              | 8.6              | 8.6              | 72                                                                                  |
| 80                                                                                | 8.2                                                                               | 8.6              | 7.7              | 8.4              | 7.5              | 8.1              | 7.5              | 7.9              | 6.8              | 7.5              | 6.2              | 7.0              | 7.0              | 80                                                                                  |
| 88                                                                                | 6.8                                                                               | 7.5              | 6.3              | 7.0              | 6.0              | 6.6              | 6.0              | 6.7              | 5.5              | 6.2              | 4.9              | 5.6              | 5.6              | 88                                                                                  |
| 96                                                                                | -                                                                                 | 6.3              | 5.2              | 5.8              | 5.0              | 5.5              | 5.0              | 5.6              | 4.3              | 5.0              | 3.9              | 4.5              | 4.5              | 96                                                                                  |
| 104                                                                               | -                                                                                 | -                | 4.3              | 4.9              | 3.9              | 4.5              | 3.9              | 4.5              | 3.4              | 4.1              | 2.8              | 3.6              | 3.6              | 104                                                                                 |
| 112                                                                               | -                                                                                 | -                | -                | -                | -                | -                | 3.3              | 3.7              | 2.6              | 3.3              | -                | 2.8              | 2.8              | 112                                                                                 |
| 120                                                                               | -                                                                                 | -                | -                | -                | -                | -                | 2.5              | 3.2              | 2.0              | 2.7              | -                | 2.1              | 2.1              | 120                                                                                 |
| 128                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | -                | -                | 2.0              | -                | -                | -                | 128                                                                                 |
| 1)                                                                                | 6.0                                                                               | 6.4              | 4.2              | 4.6              | 2.6              | 3.3              | 2.0              | 2.4              | -                | -                | -                | -                | -                | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  10,400 lb |                                                                                                  |  22.6 ft x 21.3 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|            |  360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                          | 1,000 lb                                                                                         |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                          | 87.1                                                                                             | 87.1                                                                                                | 87.0           | 87.0           | 86.7           | 86.7           | 84.8           | 84.8           | 74.6           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                          | 85.5                                                                                             | 85.8                                                                                                | 84.4           | 84.4           | 81.2           | 81.2           | 78.4           | 78.4           | 72.8           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                          | 78.6                                                                                             | 79.6                                                                                                | 77.8           | 77.8           | 74.8           | 74.8           | 72.4           | 72.4           | 69.4           | 69.4           | 62.7           | 62.7           | 14                                                                                  |    |
| 16                                                                                          | 70.5                                                                                             | 72.3                                                                                                | 71.4           | 72.1           | 69.2           | 69.2           | 66.8           | 66.8           | 64.9           | 64.9           | 58.8           | 58.8           | 16                                                                                  |    |
| 18                                                                                          | 62.9                                                                                             | 64.2                                                                                                | 64.3           | 64.9           | 63.4           | 63.5           | 60.1           | 62.1           | 58.7           | 61.2           | 53.4           | 55.8           | 18                                                                                  |    |
| 20                                                                                          | 55.5                                                                                             | 56.2                                                                                                | 57.1           | 57.5           | 57.3           | 57.7           | 55.4           | 57.3           | 51.8           | 57.0           | 47.7           | 53.1           | 20                                                                                  |    |
| 24                                                                                          | -                                                                                                | -                                                                                                   | 44.2           | 46.5           | 45.5           | 47.6           | 43.6           | 47.5           | 40.8           | 47.2           | 37.9           | 46.5           | 24                                                                                  |    |
| 28                                                                                          | -                                                                                                | -                                                                                                   | 33.9           | 39.2           | 34.8           | 39.7           | 34.7           | 39.6           | 33.3           | 39.4           | 32.8           | 38.7           | 28                                                                                  |    |
| 32                                                                                          | -                                                                                                | -                                                                                                   | 26.8           | 33.3           | 27.7           | 33.9           | 27.7           | 33.7           | 28.4           | 33.5           | 27.4           | 32.8           | 32                                                                                  |    |
| 36                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 23.0           | 29.2           | 23.7           | 29.1           | 23.9           | 28.8           | 23.1           | 28.9           | 36                                                                                  |    |
| 40                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 19.6           | 24.8           | 20.1           | 24.8           | 19.9           | 25.5           | 19.7           | 25.0           | 40                                                                                  |    |
| 48                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 14.9           | 19.2           | 15.1           | 19.5           | 15.1           | 18.9           | 48                                                                                  |    |
| 56                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 11.6           | 15.7           | 11.8           | 15.3           | 11.7           | 15.2           | 56                                                                                  |    |
| 64                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | 9.5            | 12.4           | 9.3            | 12.7           | 64                                                                                  |    |
| 72                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 7.3            | 10.4           | 72                                                                                  |    |
| 80                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |    |
| 1)                                                                                          | 31.7                                                                                             | 30.9                                                                                                | 20.7           | 22.5           | 14.3           | 17.6           | 10.1           | 13.9           | 7.7            | 10.6           | 5.5            | 8.4            | 1)                                                                                  |    |

|  |  | 360°<br>103.0 ft | Max.<br>103.0 ft | 360°<br>114.5 ft | Max.<br>114.5 ft | 360°<br>126.0 ft | Max.<br>126.0 ft | 360°<br>137.5 ft | Max.<br>137.5 ft | 360°<br>149.0 ft | Max.<br>149.0 ft | 360°<br>164.0 ft | Max.<br>164.0 ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                                                                                     |
| 18                                                                                | 42.0                                                                              | 42.0             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 18                                                                                  |
| 20                                                                                | 40.4                                                                              | 40.5             | 34.1             | 34.1             | -                | -                | -                | -                | -                | -                | -                | -                | -                | 20                                                                                  |
| 24                                                                                | 36.4                                                                              | 37.5             | 32.1             | 32.9             | 27.1             | 27.1             | -                | -                | -                | -                | -                | -                | -                | 24                                                                                  |
| 28                                                                                | 30.6                                                                              | 35.8             | 28.8             | 30.8             | 25.6             | 26.4             | 21.7             | 21.7             | -                | -                | -                | -                | -                | 28                                                                                  |
| 32                                                                                | 25.9                                                                              | 32.7             | 25.1             | 27.7             | 23.6             | 25.4             | 21.2             | 21.2             | 17.9             | 17.9             | -                | -                | -                | 32                                                                                  |
| 36                                                                                | 22.5                                                                              | 28.5             | 21.7             | 25.1             | 20.9             | 23.5             | 19.1             | 20.7             | 17.2             | 17.6             | 13.3             | 13.3             | 13.3             | 36                                                                                  |
| 40                                                                                | 19.6                                                                              | 24.4             | 19.4             | 22.8             | 18.4             | 21.5             | 17.3             | 20.1             | 16.2             | 17.4             | 13.2             | 13.2             | 13.2             | 40                                                                                  |
| 48                                                                                | 14.9                                                                              | 18.6             | 14.5             | 18.7             | 14.2             | 17.8             | 13.8             | 17.1             | 13.0             | 16.3             | 11.7             | 12.6             | 12.6             | 48                                                                                  |
| 56                                                                                | 11.5                                                                              | 15.2             | 11.0             | 14.7             | 10.8             | 14.6             | 10.8             | 14.1             | 9.8              | 13.8             | 8.5              | 12.1             | 12.1             | 56                                                                                  |
| 64                                                                                | 9.0                                                                               | 12.2             | 8.6              | 12.2             | 8.4              | 11.8             | 8.4              | 11.3             | 7.5              | 11.1             | 6.3              | 10.6             | 10.6             | 64                                                                                  |
| 72                                                                                | 7.1                                                                               | 10.4             | 6.7              | 10.2             | 6.4              | 9.7              | 6.4              | 9.3              | 5.8              | 9.3              | 4.7              | 8.6              | 8.6              | 72                                                                                  |
| 80                                                                                | 5.7                                                                               | 8.6              | 5.3              | 8.4              | 5.1              | 8.1              | 5.1              | 7.9              | 4.5              | 7.5              | 3.6              | 7.0              | 7.0              | 80                                                                                  |
| 88                                                                                | 4.6                                                                               | 7.5              | 4.1              | 7.0              | 3.8              | 6.6              | 3.8              | 6.7              | 3.4              | 6.2              | 2.5              | 5.6              | 5.6              | 88                                                                                  |
| 96                                                                                | -                                                                                 | 6.3              | 3.2              | 5.8              | 2.9              | 5.5              | 2.9              | 5.6              | 2.4              | 5.0              | -                | 4.5              | 4.5              | 96                                                                                  |
| 104                                                                               | -                                                                                 | -                | 2.5              | 4.9              | 2.1              | 4.5              | 2.1              | 4.5              | -                | 4.1              | -                | 3.6              | 3.6              | 104                                                                                 |
| 112                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 3.7              | -                | 3.3              | -                | 2.8              | 2.8              | 112                                                                                 |
| 120                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 3.2              | -                | 2.7              | -                | 2.1              | 2.1              | 120                                                                                 |
| 128                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | -                | -                | 2.0              | -                | -                | -                | 128                                                                                 |
| 1)                                                                                | 4.0                                                                               | 6.4              | 2.4              | 4.6              | -                | 3.3              | -                | 2.4              | -                | -                | -                | -                | -                | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  7,100 lb |                                                                                                  |  22.6 ft x 21.3 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|           |  360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                         | 1,000 lb                                                                                         |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                         | 87.1                                                                                             | 87.1                                                                                                | 87.0           | 87.0           | 86.7           | 86.7           | 84.8           | 84.8           | 74.6           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                         | 85.4                                                                                             | 85.8                                                                                                | 84.4           | 84.4           | 81.2           | 81.2           | 78.4           | 78.4           | 72.8           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                         | 78.1                                                                                             | 79.6                                                                                                | 77.8           | 77.8           | 74.8           | 74.8           | 72.4           | 72.4           | 69.4           | 69.4           | 62.7           | 62.7           | 14                                                                                  |    |
| 16                                                                                         | 69.1                                                                                             | 70.9                                                                                                | 70.4           | 71.6           | 69.2           | 69.2           | 66.1           | 66.8           | 63.0           | 64.9           | 57.8           | 58.8           | 16                                                                                  |    |
| 18                                                                                         | 61.6                                                                                             | 62.5                                                                                                | 63.1           | 63.8           | 61.3           | 62.8           | 57.6           | 61.3           | 55.5           | 61.2           | 50.9           | 55.8           | 18                                                                                  |    |
| 20                                                                                         | 54.2                                                                                             | 54.7                                                                                                | 55.8           | 56.0           | 54.9           | 56.3           | 51.5           | 55.7           | 47.9           | 56.9           | 44.0           | 53.0           | 20                                                                                  |    |
| 24                                                                                         | -                                                                                                | -                                                                                                   | 41.3           | 45.2           | 42.0           | 46.3           | 40.3           | 46.3           | 37.7           | 46.1           | 36.9           | 45.2           | 24                                                                                  |    |
| 28                                                                                         | -                                                                                                | -                                                                                                   | 31.2           | 38.2           | 32.1           | 38.7           | 32.0           | 38.6           | 31.8           | 38.3           | 30.3           | 37.6           | 28                                                                                  |    |
| 32                                                                                         | -                                                                                                | -                                                                                                   | 24.7           | 32.4           | 25.4           | 33.0           | 26.2           | 32.8           | 26.3           | 32.6           | 25.3           | 32.5           | 32                                                                                  |    |
| 36                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | 21.2           | 28.8           | 22.1           | 28.6           | 21.9           | 28.3           | 21.4           | 28.9           | 36                                                                                  |    |
| 40                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | 17.9           | 24.8           | 18.3           | 24.8           | 18.6           | 25.5           | 18.6           | 25.0           | 40                                                                                  |    |
| 48                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 13.6           | 19.2           | 13.9           | 19.5           | 13.8           | 18.9           | 48                                                                                  |    |
| 56                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 10.5           | 15.7           | 10.7           | 15.3           | 10.5           | 15.2           | 56                                                                                  |    |
| 64                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | 8.4            | 12.4           | 8.2            | 12.7           | 64                                                                                  |    |
| 72                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 6.4            | 10.4           | 72                                                                                  |    |
| 80                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |    |
| 1)                                                                                         | 31.7                                                                                             | 30.9                                                                                                | 19.0           | 22.5           | 12.8           | 17.6           | 9.3            | 13.9           | 6.8            | 10.6           | 4.6            | 8.4            | 1)                                                                                  |    |

|  |  | 360°<br>103.0 ft | Max.<br>103.0 ft | 360°<br>114.5 ft | Max.<br>114.5 ft | 360°<br>126.0 ft | Max.<br>126.0 ft | 360°<br>137.5 ft | Max.<br>137.5 ft | 360°<br>149.0 ft | Max.<br>149.0 ft | 360°<br>164.0 ft | Max.<br>164.0 ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                                                                                     |
| 18                                                                                | 42.0                                                                              | 42.0             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 18                                                                                  |
| 20                                                                                | 40.1                                                                              | 40.5             | 34.0             | 34.1             | -                | -                | -                | -                | -                | -                | -                | -                | -                | 20                                                                                  |
| 24                                                                                | 34.2                                                                              | 37.5             | 30.9             | 32.9             | 27.0             | 27.1             | -                | -                | -                | -                | -                | -                | -                | 24                                                                                  |
| 28                                                                                | 28.1                                                                              | 35.8             | 27.3             | 30.8             | 24.8             | 26.4             | 21.7             | 21.7             | -                | -                | -                | -                | -                | 28                                                                                  |
| 32                                                                                | 24.6                                                                              | 32.4             | 23.5             | 27.7             | 22.3             | 25.4             | 20.6             | 21.2             | 17.9             | 17.9             | -                | -                | -                | 32                                                                                  |
| 36                                                                                | 21.3                                                                              | 28.2             | 20.6             | 25.1             | 19.6             | 23.5             | 18.3             | 20.7             | 16.4             | 17.6             | 13.3             | 13.3             | 13.3             | 36                                                                                  |
| 40                                                                                | 18.3                                                                              | 24.4             | 17.7             | 22.8             | 16.9             | 21.5             | 16.4             | 20.1             | 15.1             | 17.4             | 13.0             | 13.2             | 13.2             | 40                                                                                  |
| 48                                                                                | 13.6                                                                              | 18.6             | 13.2             | 18.7             | 12.8             | 17.8             | 12.5             | 17.1             | 11.5             | 16.3             | 10.2             | 12.6             | 12.6             | 48                                                                                  |
| 56                                                                                | 10.5                                                                              | 15.2             | 10.1             | 14.7             | 9.6              | 14.6             | 9.5              | 14.1             | 8.5              | 13.8             | 7.3              | 12.1             | 12.1             | 56                                                                                  |
| 64                                                                                | 8.2                                                                               | 12.2             | 7.7              | 12.2             | 7.3              | 11.8             | 7.3              | 11.3             | 6.3              | 11.1             | 5.2              | 10.6             | 10.6             | 64                                                                                  |
| 72                                                                                | 6.2                                                                               | 10.4             | 5.8              | 10.2             | 5.5              | 9.7              | 5.5              | 9.3              | 4.9              | 9.3              | 3.8              | 8.6              | 8.6              | 72                                                                                  |
| 80                                                                                | 4.9                                                                               | 8.6              | 4.5              | 8.4              | 4.2              | 8.1              | 4.2              | 7.9              | 3.6              | 7.5              | 2.7              | 6.6              | 6.6              | 80                                                                                  |
| 88                                                                                | 3.9                                                                               | 7.5              | 3.5              | 7.0              | 3.2              | 6.6              | 3.2              | 6.7              | 2.6              | 6.2              | -                | 5.1              | 5.1              | 88                                                                                  |
| 96                                                                                | -                                                                                 | 6.3              | 2.7              | 5.8              | 2.2              | 5.5              | 2.2              | 5.6              | -                | 5.0              | -                | 4.1              | 4.1              | 96                                                                                  |
| 104                                                                               | -                                                                                 | -                | 1.9              | 4.9              | -                | 4.5              | -                | 4.5              | -                | 4.1              | -                | 3.2              | 3.2              | 104                                                                                 |
| 112                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 3.7              | -                | 3.3              | -                | 2.4              | 2.4              | 112                                                                                 |
| 120                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 3.2              | -                | 2.7              | -                | 2.0              | 2.0              | 120                                                                                 |
| 128                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | -                | -                | 2.0              | -                | -                | -                | 128                                                                                 |
| 1)                                                                                | 3.3                                                                               | 6.4              | 1.8              | 4.6              | -                | 3.3              | -                | 2.4              | -                | -                | -                | -                | -                | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  26,700 lb                                                                         |                |  22.6 ft x 14.8 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|   | 360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                                                                                                  | 1,000 lb       |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                                                                                                  | 86.5           | 87.1                                                                                                | 86.6           | 87.0           | 86.6           | 86.7           | 84.8           | 84.8           | 74.6           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                                                                                                  | 78.3           | 85.8                                                                                                | 79.3           | 84.4           | 79.6           | 81.2           | 78.1           | 78.4           | 71.3           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                                                                                                  | 69.8           | 79.6                                                                                                | 70.9           | 77.8           | 71.0           | 74.8           | 68.7           | 72.4           | 64.1           | 69.4           | 59.0           | 62.7           | 14                                                                                  |    |
| 16                                                                                                                                                                  | 62.8           | 72.3                                                                                                | 63.7           | 72.1           | 63.2           | 69.2           | 60.0           | 66.8           | 55.7           | 64.9           | 50.9           | 58.8           | 16                                                                                  |    |
| 18                                                                                                                                                                  | 53.9           | 66.4                                                                                                | 55.2           | 66.9           | 56.1           | 64.6           | 52.9           | 62.3           | 49.1           | 61.2           | 45.0           | 55.8           | 18                                                                                  |    |
| 20                                                                                                                                                                  | 44.8           | 60.7                                                                                                | 47.4           | 61.8           | 48.3           | 60.2           | 46.1           | 58.1           | 43.2           | 57.2           | 41.1           | 53.2           | 20                                                                                  |    |
| 24                                                                                                                                                                  | -              | -                                                                                                   | 34.9           | 51.9           | 35.6           | 52.2           | 35.6           | 50.8           | 34.9           | 50.0           | 33.9           | 47.7           | 24                                                                                  |    |
| 28                                                                                                                                                                  | -              | -                                                                                                   | 27.1           | 42.5           | 27.7           | 43.6           | 28.5           | 43.7           | 28.5           | 42.2           | 27.8           | 39.5           | 28                                                                                  |    |
| 32                                                                                                                                                                  | -              | -                                                                                                   | 21.9           | 34.6           | 23.0           | 35.3           | 23.2           | 35.3           | 23.0           | 34.8           | 23.0           | 33.3           | 32                                                                                  |    |
| 36                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | 19.4           | 29.7           | 19.6           | 29.7           | 19.5           | 29.2           | 19.8           | 28.9           | 36                                                                                  |    |
| 40                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | 16.2           | 24.8           | 16.4           | 24.8           | 16.6           | 25.5           | 16.6           | 25.0           | 40                                                                                  |    |
| 48                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | -              | -              | 12.5           | 19.2           | 12.7           | 19.5           | 12.6           | 18.9           | 48                                                                                  |    |
| 56                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | -              | -              | 9.9            | 15.7           | 10.0           | 15.3           | 9.9            | 15.2           | 56                                                                                  |    |
| 64                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | -              | -              | -              | -              | 8.0            | 12.4           | 7.9            | 12.7           | 64                                                                                  |    |
| 72                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 6.4            | 10.4           | 72                                                                                  |    |
| 80                                                                                                                                                                  | -              | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |    |
| 1)                                                                                                                                                                  | 28.9           | 30.9                                                                                                | 17.2           | 22.5           | 11.9           | 17.6           | 8.6            | 13.9           | 6.6            | 10.6           | 4.9            | 8.4            | 1)                                                                                  |    |

|   | 360°<br>103.0ft | Max.<br>103.0ft | 360°<br>114.5ft | Max.<br>114.5ft | 360°<br>126.0ft | Max.<br>126.0ft | 360°<br>137.5ft | Max.<br>137.5ft | 360°<br>149.0ft | Max.<br>149.0ft | 360°<br>164.0ft | Max.<br>164.0ft |  |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------------------------------------------------------------|----|
| ft                                                                                                                                                                  | 1,000 lb        |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                                                     | ft |
| 16                                                                                                                                                                  | 40.5            | 40.5            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 16                                                                                  |    |
| 18                                                                                                                                                                  | 40.4            | 42.0            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 18                                                                                  |    |
| 20                                                                                                                                                                  | 38.5            | 40.5            | 33.7            | 34.1            | -               | -               | -               | -               | -               | -               | -               | -               | 20                                                                                  |    |
| 24                                                                                                                                                                  | 31.5            | 37.5            | 30.1            | 32.9            | 26.4            | 27.1            | -               | -               | -               | -               | -               | -               | 24                                                                                  |    |
| 28                                                                                                                                                                  | 27.0            | 35.8            | 25.7            | 30.8            | 24.1            | 26.4            | 21.5            | 21.7            | -               | -               | -               | -               | 28                                                                                  |    |
| 32                                                                                                                                                                  | 23.0            | 32.7            | 22.5            | 27.7            | 21.4            | 25.4            | 19.7            | 21.2            | 17.9            | 17.9            | -               | -               | 32                                                                                  |    |
| 36                                                                                                                                                                  | 19.6            | 28.5            | 19.3            | 25.1            | 18.6            | 23.5            | 17.5            | 20.7            | 16.2            | 17.6            | 13.3            | 13.3            | 36                                                                                  |    |
| 40                                                                                                                                                                  | 16.4            | 24.4            | 16.2            | 22.8            | 16.0            | 21.5            | 15.8            | 20.1            | 14.9            | 17.4            | 13.0            | 13.2            | 40                                                                                  |    |
| 48                                                                                                                                                                  | 12.5            | 18.6            | 12.2            | 18.7            | 12.0            | 17.8            | 12.0            | 17.1            | 11.6            | 16.3            | 10.6            | 12.6            | 48                                                                                  |    |
| 56                                                                                                                                                                  | 9.7             | 15.2            | 9.4             | 14.7            | 9.2             | 14.6            | 9.3             | 14.1            | 8.9             | 13.8            | 8.3             | 12.1            | 56                                                                                  |    |
| 64                                                                                                                                                                  | 7.8             | 12.2            | 7.4             | 12.2            | 7.2             | 11.8            | 7.2             | 11.3            | 6.9             | 11.1            | 6.5             | 10.6            | 64                                                                                  |    |
| 72                                                                                                                                                                  | 6.2             | 10.4            | 6.0             | 10.2            | 5.8             | 9.7             | 5.8             | 9.3             | 5.3             | 9.3             | 4.9             | 8.6             | 72                                                                                  |    |
| 80                                                                                                                                                                  | 5.2             | 8.6             | 4.9             | 8.4             | 4.7             | 8.1             | 4.7             | 7.9             | 4.3             | 7.5             | 3.8             | 7.0             | 80                                                                                  |    |
| 88                                                                                                                                                                  | 4.4             | 7.5             | 3.9             | 7.0             | 3.7             | 6.6             | 3.7             | 6.7             | 3.5             | 6.2             | 2.8             | 5.6             | 88                                                                                  |    |
| 96                                                                                                                                                                  | -               | 6.3             | 3.2             | 5.8             | 3.0             | 5.5             | 3.0             | 5.6             | 2.7             | 5.0             | 2.0             | 4.5             | 96                                                                                  |    |
| 104                                                                                                                                                                 | -               | -               | 2.7             | 4.9             | 2.3             | 4.5             | 2.3             | 4.5             | 1.9             | 4.1             | -               | 3.6             | 104                                                                                 |    |
| 112                                                                                                                                                                 | -               | -               | -               | -               | -               | -               | -               | 3.7             | -               | 3.3             | -               | 2.8             | 112                                                                                 |    |
| 120                                                                                                                                                                 | -               | -               | -               | -               | -               | -               | -               | 3.2             | -               | 2.7             | -               | 2.1             | 120                                                                                 |    |
| 128                                                                                                                                                                 | -               | -               | -               | -               | -               | -               | -               | -               | -               | 2.0             | -               | -               | 128                                                                                 |    |
| 1)                                                                                                                                                                  | 3.7             | 6.4             | 2.4             | 4.6             | -               | 3.3             | -               | 2.4             | -               | -               | -               | -               | 1)                                                                                  |    |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  20,700 lb |                                                                                                  |  22.6 ft x 14.8 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|            |  360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                          | 1,000 lb                                                                                         |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                          | 86.4                                                                                             | 87.1                                                                                                | 86.5           | 87.0           | 86.5           | 86.7           | 84.5           | 84.8           | 74.1           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                          | 77.2                                                                                             | 85.8                                                                                                | 78.3           | 84.4           | 78.1           | 81.2           | 73.3           | 78.4           | 66.5           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                          | 68.8                                                                                             | 79.6                                                                                                | 69.9           | 77.8           | 67.0           | 74.8           | 63.0           | 72.4           | 57.4           | 69.4           | 52.1           | 62.7           | 14                                                                                  |    |
| 16                                                                                          | 59.1                                                                                             | 72.3                                                                                                | 60.7           | 72.1           | 57.9           | 69.2           | 53.5           | 66.8           | 49.3           | 64.9           | 45.4           | 58.8           | 16                                                                                  |    |
| 18                                                                                          | 48.7                                                                                             | 66.4                                                                                                | 50.5           | 66.9           | 49.9           | 64.6           | 46.9           | 62.3           | 43.3           | 61.2           | 40.8           | 55.8           | 18                                                                                  |    |
| 20                                                                                          | 39.2                                                                                             | 60.5                                                                                                | 41.8           | 61.6           | 42.5           | 60.1           | 40.9           | 58.1           | 39.3           | 57.2           | 36.7           | 53.2           | 20                                                                                  |    |
| 24                                                                                          | -                                                                                                | -                                                                                                   | 30.5           | 50.1           | 31.2           | 50.3           | 31.9           | 50.0           | 31.6           | 50.0           | 30.1           | 47.7           | 24                                                                                  |    |
| 28                                                                                          | -                                                                                                | -                                                                                                   | 23.5           | 41.6           | 24.9           | 42.8           | 25.2           | 42.7           | 25.1           | 42.2           | 24.8           | 39.5           | 28                                                                                  |    |
| 32                                                                                          | -                                                                                                | -                                                                                                   | 18.9           | 34.6           | 20.0           | 35.3           | 20.3           | 35.3           | 20.5           | 34.8           | 20.5           | 33.3           | 32                                                                                  |    |
| 36                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 16.8           | 29.7           | 17.0           | 29.7           | 17.3           | 29.2           | 17.3           | 28.9           | 36                                                                                  |    |
| 40                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | 14.0           | 24.8           | 14.3           | 24.8           | 14.5           | 25.5           | 14.5           | 25.0           | 40                                                                                  |    |
| 48                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 10.8           | 19.2           | 10.9           | 19.5           | 10.8           | 18.9           | 48                                                                                  |    |
| 56                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 8.3            | 15.7           | 8.4            | 15.3           | 8.3            | 15.2           | 56                                                                                  |    |
| 64                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | 6.7            | 12.4           | 6.5            | 12.7           | 64                                                                                  |    |
| 72                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 5.3            | 10.4           | 72                                                                                  |    |
| 80                                                                                          | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |    |
| 1)                                                                                          | 24.9                                                                                             | 30.9                                                                                                | 14.8           | 22.5           | 10.1           | 17.6           | 7.3            | 13.9           | 5.5            | 10.6           | 4.0            | 8.4            | 1)                                                                                  |    |

|  |  360°<br>103.0ft | Max.<br>103.0ft | 360°<br>114.5ft | Max.<br>114.5ft | 360°<br>126.0ft | Max.<br>126.0ft | 360°<br>137.5ft | Max.<br>137.5ft | 360°<br>149.0ft | Max.<br>149.0ft | 360°<br>164.0ft | Max.<br>164.0ft |  |    |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------------------------------------------------------------|----|
| ft                                                                                | 1,000 lb                                                                                          |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                                                     | ft |
| 16                                                                                | 40.5                                                                                              | 40.5            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 16                                                                                  |    |
| 18                                                                                | 37.5                                                                                              | 42.0            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 18                                                                                  |    |
| 20                                                                                | 34.5                                                                                              | 40.5            | 31.6            | 34.1            | -               | -               | -               | -               | -               | -               | -               | -               | 20                                                                                  |    |
| 24                                                                                | 28.9                                                                                              | 37.5            | 27.6            | 32.9            | 25.0            | 27.1            | -               | -               | -               | -               | -               | -               | 24                                                                                  |    |
| 28                                                                                | 24.6                                                                                              | 35.8            | 23.1            | 30.8            | 21.8            | 26.4            | 20.0            | 21.7            | -               | -               | -               | -               | 28                                                                                  |    |
| 32                                                                                | 20.3                                                                                              | 32.7            | 19.6            | 27.7            | 18.7            | 25.4            | 17.7            | 21.2            | 16.2            | 17.9            | -               | -               | 32                                                                                  |    |
| 36                                                                                | 17.0                                                                                              | 28.5            | 16.7            | 25.1            | 16.1            | 23.5            | 15.7            | 20.7            | 14.5            | 17.6            | 12.6            | 13.3            | 36                                                                                  |    |
| 40                                                                                | 14.3                                                                                              | 24.4            | 14.0            | 22.8            | 13.8            | 21.5            | 13.6            | 20.1            | 12.6            | 17.4            | 11.5            | 13.2            | 40                                                                                  |    |
| 48                                                                                | 10.8                                                                                              | 18.6            | 10.3            | 18.7            | 10.1            | 17.8            | 10.3            | 17.1            | 9.7             | 16.3            | 8.7             | 12.6            | 48                                                                                  |    |
| 56                                                                                | 8.3                                                                                               | 15.2            | 7.9             | 14.7            | 7.8             | 14.6            | 7.8             | 14.1            | 7.3             | 13.8            | 6.6             | 12.1            | 56                                                                                  |    |
| 64                                                                                | 6.5                                                                                               | 12.2            | 6.2             | 12.2            | 6.1             | 11.8            | 6.1             | 11.3            | 5.6             | 11.1            | 4.7             | 10.6            | 64                                                                                  |    |
| 72                                                                                | 5.1                                                                                               | 10.4            | 4.9             | 10.2            | 4.7             | 9.7             | 4.7             | 9.3             | 4.2             | 9.3             | 3.6             | 8.6             | 72                                                                                  |    |
| 80                                                                                | 4.1                                                                                               | 8.6             | 3.8             | 8.4             | 3.6             | 8.1             | 3.6             | 7.9             | 3.4             | 7.5             | 2.5             | 7.0             | 80                                                                                  |    |
| 88                                                                                | 3.3                                                                                               | 7.5             | 3.0             | 7.0             | 2.8             | 6.6             | 2.8             | 6.7             | 2.4             | 6.2             | -               | 5.6             | 88                                                                                  |    |
| 96                                                                                | -                                                                                                 | 6.3             | 2.4             | 5.8             | 2.1             | 5.5             | 2.1             | 5.6             | -               | 5.0             | -               | 4.5             | 96                                                                                  |    |
| 104                                                                               | -                                                                                                 | -               | 1.8             | 4.9             | -               | 4.5             | -               | 4.5             | -               | 4.1             | -               | 3.6             | 104                                                                                 |    |
| 112                                                                               | -                                                                                                 | -               | -               | -               | -               | -               | -               | 3.7             | -               | 3.3             | -               | 2.8             | 112                                                                                 |    |
| 120                                                                               | -                                                                                                 | -               | -               | -               | -               | -               | -               | 3.2             | -               | 2.7             | -               | 2.1             | 120                                                                                 |    |
| 128                                                                               | -                                                                                                 | -               | -               | -               | -               | -               | -               | -               | -               | 2.0             | -               | -               | 128                                                                                 |    |
| 1)                                                                                | 2.9                                                                                               | 6.4             | 1.8             | 4.6             | -               | 3.3             | -               | 2.4             | -               | -               | -               | -               | 1)                                                                                  |    |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  10,400 lb |                                                                                   |  22.6 ft x 14.8 ft |                |                |                | 360° / Max.*   |                |                |                | ASME B30.5     |                |                |                |                                                                                     |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|
|            |  | 360°<br>34.1ft                                                                                      | Max.<br>34.1ft | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |
| ft                                                                                          |                                                                                   |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                | ft                                                                                  |
| 1,000 lb                                                                                    |                                                                                   |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                |                                                                                     |
| 10                                                                                          |                                                                                   | 85.6                                                                                                | 87.1           | 86.0           | 87.0           | 82.0           | 86.7           | 74.4           | 84.8           | 65.8           | 74.6           | -              | -              | 10                                                                                  |
| 12                                                                                          |                                                                                   | 74.7                                                                                                | 85.8           | 71.6           | 84.4           | 66.1           | 81.2           | 59.6           | 78.4           | 53.5           | 72.8           | -              | -              | 12                                                                                  |
| 14                                                                                          |                                                                                   | 61.0                                                                                                | 79.6           | 57.8           | 77.8           | 53.9           | 74.8           | 49.4           | 72.4           | 45.5           | 69.4           | 42.5           | 62.7           | 14                                                                                  |
| 16                                                                                          |                                                                                   | 46.4                                                                                                | 72.3           | 48.1           | 72.1           | 45.2           | 69.2           | 41.8           | 66.8           | 39.8           | 64.9           | 36.8           | 58.8           | 16                                                                                  |
| 18                                                                                          |                                                                                   | 37.2                                                                                                | 64.2           | 39.9           | 64.9           | 38.8           | 63.5           | 37.0           | 62.1           | 34.9           | 61.2           | 32.5           | 55.8           | 18                                                                                  |
| 20                                                                                          |                                                                                   | 29.7                                                                                                | 56.2           | 32.3           | 57.5           | 33.0           | 57.7           | 32.7           | 57.3           | 31.0           | 57.0           | 29.3           | 53.1           | 20                                                                                  |
| 24                                                                                          |                                                                                   | -                                                                                                   | -              | 23.3           | 46.5           | 24.6           | 47.6           | 25.0           | 47.5           | 24.9           | 47.2           | 23.7           | 46.5           | 24                                                                                  |
| 28                                                                                          |                                                                                   | -                                                                                                   | -              | 17.8           | 39.2           | 18.9           | 39.7           | 19.4           | 39.6           | 19.6           | 39.4           | 19.3           | 38.7           | 28                                                                                  |
| 32                                                                                          |                                                                                   | -                                                                                                   | -              | 14.1           | 33.3           | 15.2           | 33.9           | 15.5           | 33.7           | 15.7           | 33.5           | 15.6           | 32.6           | 32                                                                                  |
| 36                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | 12.6           | 29.2           | 12.8           | 29.1           | 13.1           | 28.8           | 13.1           | 28.9           | 36                                                                                  |
| 40                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | 10.3           | 24.8           | 10.6           | 24.8           | 10.8           | 25.5           | 10.8           | 25.0           | 40                                                                                  |
| 48                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | -              | -              | 7.8            | 19.2           | 8.0            | 19.5           | 7.8            | 18.9           | 48                                                                                  |
| 56                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | -              | -              | 5.9            | 15.7           | 5.9            | 15.2           | 5.9            | 15.2           | 56                                                                                  |
| 64                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 4.6            | 12.2           | 4.5            | 12.5           | 64                                                                                  |
| 72                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | 9.3            | 3.3            | 10.4           | 72                                                                                  |
| 80                                                                                          |                                                                                   | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | 8.8            | 80                                                                                  |
| 1)                                                                                          |                                                                                   | 18.3                                                                                                | 30.9           | 10.6           | 22.5           | 7.3            | 17.6           | 5.1            | 13.9           | 3.5            | 10.6           | 2.4            | 7.9            | 1)                                                                                  |

|  |  | 360°<br>103.0ft | Max.<br>103.0ft | 360°<br>114.5ft | Max.<br>114.5ft | 360°<br>126.0ft | Max.<br>126.0ft | 360°<br>137.5ft | Max.<br>137.5ft | 360°<br>149.0ft | Max.<br>149.0ft | 360°<br>164.0ft | Max.<br>164.0ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                                                     |
| 16                                                                                |                                                                                   | 33.2            | 40.5            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 16                                                                                  |
| 18                                                                                |                                                                                   | 30.9            | 42.0            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 18                                                                                  |
| 20                                                                                |                                                                                   | 27.6            | 40.5            | 25.6            | 34.1            | -               | -               | -               | -               | -               | -               | -               | -               | 20                                                                                  |
| 24                                                                                |                                                                                   | 22.5            | 37.5            | 20.9            | 32.9            | 19.6            | 27.1            | -               | -               | -               | -               | -               | -               | 24                                                                                  |
| 28                                                                                |                                                                                   | 18.6            | 35.8            | 17.3            | 30.8            | 16.3            | 26.4            | 15.7            | 21.7            | -               | -               | -               | -               | 28                                                                                  |
| 32                                                                                |                                                                                   | 15.4            | 32.7            | 14.6            | 27.7            | 13.7            | 25.4            | 13.2            | 21.2            | 12.1            | 17.9            | -               | -               | 32                                                                                  |
| 36                                                                                |                                                                                   | 12.8            | 28.1            | 12.4            | 24.6            | 11.7            | 23.2            | 11.4            | 20.7            | 10.4            | 17.6            | 9.3             | 13.3            | 36                                                                                  |
| 40                                                                                |                                                                                   | 10.6            | 23.8            | 10.3            | 22.8            | 9.9             | 20.7            | 9.7             | 19.9            | 8.8             | 17.4            | 7.7             | 13.2            | 40                                                                                  |
| 48                                                                                |                                                                                   | 7.8             | 18.6            | 7.4             | 18.2            | 7.2             | 17.6            | 7.2             | 16.6            | 6.4             | 15.6            | 5.2             | 12.6            | 48                                                                                  |
| 56                                                                                |                                                                                   | 5.8             | 15.2            | 5.5             | 14.7            | 5.2             | 14.1            | 5.2             | 13.4            | 4.4             | 12.6            | 3.4             | 11.4            | 56                                                                                  |
| 64                                                                                |                                                                                   | 4.4             | 12.1            | 4.0             | 12.2            | 3.8             | 11.5            | 3.8             | 10.6            | 2.9             | 10.4            | 2.0             | 9.3             | 64                                                                                  |
| 72                                                                                |                                                                                   | 3.3             | 10.4            | 3.1             | 10.2            | 2.9             | 9.7             | 2.7             | 9.1             | 2.0             | 8.2             | -               | 7.3             | 72                                                                                  |
| 80                                                                                |                                                                                   | 2.5             | 8.6             | 2.1             | 8.3             | -               | 7.7             | -               | 7.9             | -               | 6.8             | -               | 5.8             | 80                                                                                  |
| 88                                                                                |                                                                                   | -               | 7.2             | -               | 6.8             | -               | 6.2             | -               | 6.2             | -               | 5.6             | -               | 4.6             | 88                                                                                  |
| 96                                                                                |                                                                                   | -               | 6.0             | -               | 5.7             | -               | 5.5             | -               | 5.0             | -               | 4.5             | -               | 3.6             | 96                                                                                  |
| 104                                                                               |                                                                                   | -               | -               | -               | 4.9             | -               | 4.5             | -               | 4.4             | -               | 3.4             | -               | 2.7             | 104                                                                                 |
| 112                                                                               |                                                                                   | -               | -               | -               | -               | -               | -               | -               | 3.7             | -               | 2.8             | -               | 2.0             | 112                                                                                 |
| 120                                                                               |                                                                                   | -               | -               | -               | -               | -               | -               | -               | 2.7             | -               | 2.4             | -               | -               | 120                                                                                 |
| 128                                                                               |                                                                                   | -               | -               | -               | -               | -               | -               | -               | -               | -               | 1.9             | -               | -               | 128                                                                                 |
| 1)                                                                                |                                                                                   | -               | 6.0             | -               | 4.6             | -               | 3.3             | -               | 2.4             | -               | -               | -               | -               | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  7,100 lb |                                                                                                  |  22.6 ft x 14.8 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|           |  360°<br>34.1ft | Max.<br>34.1ft                                                                                      | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                         | 1,000 lb                                                                                         |                                                                                                     |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                         | 84.9                                                                                             | 87.1                                                                                                | 85.2           | 87.0           | 74.9           | 86.7           | 68.1           | 84.8           | 60.1           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                         | 72.1                                                                                             | 85.8                                                                                                | 65.3           | 84.4           | 60.4           | 81.2           | 54.4           | 78.4           | 48.8           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                         | 55.3                                                                                             | 79.6                                                                                                | 53.2           | 77.8           | 49.2           | 74.8           | 45.0           | 72.4           | 42.6           | 69.4           | 38.7           | 62.7           | 14                                                                                  |    |
| 16                                                                                         | 42.0                                                                                             | 70.9                                                                                                | 43.8           | 71.6           | 41.1           | 69.2           | 39.1           | 66.8           | 36.4           | 64.9           | 34.2           | 58.8           | 16                                                                                  |    |
| 18                                                                                         | 33.6                                                                                             | 62.5                                                                                                | 36.1           | 63.8           | 35.3           | 62.8           | 34.2           | 61.3           | 32.1           | 61.2           | 30.3           | 55.8           | 18                                                                                  |    |
| 20                                                                                         | 26.7                                                                                             | 54.7                                                                                                | 29.1           | 56.0           | 30.6           | 56.3           | 29.6           | 55.7           | 28.4           | 56.9           | 26.7           | 53.0           | 20                                                                                  |    |
| 24                                                                                         | -                                                                                                | -                                                                                                   | 21.0           | 45.2           | 22.3           | 46.3           | 22.7           | 46.3           | 22.5           | 46.1           | 21.4           | 45.2           | 24                                                                                  |    |
| 28                                                                                         | -                                                                                                | -                                                                                                   | 15.9           | 38.2           | 17.1           | 38.7           | 17.5           | 38.6           | 17.7           | 38.3           | 17.3           | 37.0           | 28                                                                                  |    |
| 32                                                                                         | -                                                                                                | -                                                                                                   | 12.5           | 32.4           | 13.6           | 33.0           | 13.9           | 32.8           | 14.1           | 32.2           | 14.0           | 31.8           | 32                                                                                  |    |
| 36                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | 11.3           | 27.9           | 11.5           | 27.8           | 11.7           | 27.3           | 11.6           | 27.4           | 36                                                                                  |    |
| 40                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | 9.2            | 23.4           | 9.5            | 23.3           | 9.7            | 24.3           | 9.5            | 23.5           | 40                                                                                  |    |
| 48                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 6.8            | 18.3           | 7.0            | 18.1           | 6.9            | 17.6           | 48                                                                                  |    |
| 56                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | 5.0            | 14.5           | 5.2            | 14.1           | 5.1            | 14.4           | 56                                                                                  |    |
| 64                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | 4.0            | 11.6           | 3.8            | 11.6           | 64                                                                                  |    |
| 72                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | 9.3            | 2.9            | 9.3            | 72                                                                                  |    |
| 80                                                                                         | -                                                                                                | -                                                                                                   | -              | -              | -              | -              | -              | -              | -              | -              | -              | 7.7            | 80                                                                                  |    |
| 1)                                                                                         | 16.3                                                                                             | 30.9                                                                                                | 9.5            | 22.5           | 6.4            | 17.6           | 4.4            | 12.8           | 3.1            | 9.5            | 1.8            | 7.1            | 1)                                                                                  |    |

|  |  | 360°<br>103.0 ft | Max.<br>103.0 ft | 360°<br>114.5 ft | Max.<br>114.5 ft | 360°<br>126.0 ft | Max.<br>126.0 ft | 360°<br>137.5 ft | Max.<br>137.5 ft | 360°<br>149.0 ft | Max.<br>149.0 ft | 360°<br>164.0 ft | Max.<br>164.0 ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                                                                                     |
| 16                                                                                |                                                                                   | 30.0             | 40.5             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 16                                                                                  |
| 18                                                                                |                                                                                   | 28.3             | 42.0             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 18                                                                                  |
| 20                                                                                |                                                                                   | 25.0             | 40.5             | 23.2             | 34.1             | -                | -                | -                | -                | -                | -                | -                | -                | 20                                                                                  |
| 24                                                                                |                                                                                   | 20.2             | 37.5             | 18.9             | 32.9             | 17.6             | 27.1             | -                | -                | -                | -                | -                | -                | 24                                                                                  |
| 28                                                                                |                                                                                   | 16.8             | 35.2             | 15.6             | 30.8             | 14.5             | 26.4             | 13.9             | 21.7             | -                | -                | -                | -                | 28                                                                                  |
| 32                                                                                |                                                                                   | 13.8             | 30.5             | 13.1             | 27.2             | 12.1             | 25.4             | 11.7             | 21.2             | 10.6             | 17.9             | -                | -                | 32                                                                                  |
| 36                                                                                |                                                                                   | 11.5             | 25.8             | 11.0             | 23.9             | 10.3             | 22.2             | 10.0             | 20.0             | 9.0              | 17.6             | 7.9              | 13.3             | 36                                                                                  |
| 40                                                                                |                                                                                   | 9.5              | 22.0             | 9.0              | 21.2             | 8.6              | 20.5             | 8.4              | 19.0             | 7.5              | 17.1             | 6.4              | 13.2             | 40                                                                                  |
| 48                                                                                |                                                                                   | 6.8              | 18.1             | 6.5              | 17.0             | 6.3              | 16.2             | 6.1              | 14.8             | 5.2              | 13.9             | 3.9              | 12.3             | 48                                                                                  |
| 56                                                                                |                                                                                   | 5.0              | 13.9             | 4.7              | 13.6             | 4.5              | 12.8             | 4.4              | 12.0             | 3.4              | 11.4             | 2.3              | 10.1             | 56                                                                                  |
| 64                                                                                |                                                                                   | 3.7              | 11.4             | 3.4              | 11.0             | 3.1              | 10.3             | 2.9              | 9.9              | 2.2              | 9.0              | -                | 7.9              | 64                                                                                  |
| 72                                                                                |                                                                                   | 2.7              | 9.3              | 2.4              | 8.9              | 2.0              | 8.4              | 2.0              | 8.2              | -                | 7.1              | -                | 6.0              | 72                                                                                  |
| 80                                                                                |                                                                                   | -                | 7.5              | -                | 7.1              | -                | 6.6              | -                | 6.6              | -                | 5.7              | -                | 4.7              | 80                                                                                  |
| 88                                                                                |                                                                                   | -                | 6.3              | -                | 5.9              | -                | 5.3              | -                | 5.3              | -                | 4.5              | -                | 3.6              | 88                                                                                  |
| 96                                                                                |                                                                                   | -                | 5.3              | -                | 5.0              | -                | 4.4              | -                | 4.2              | -                | 3.6              | -                | 2.7              | 96                                                                                  |
| 104                                                                               |                                                                                   | -                | -                | -                | 3.9              | -                | 3.4              | -                | 3.6              | -                | 2.7              | -                | 1.9              | 104                                                                                 |
| 112                                                                               |                                                                                   | -                | -                | -                | -                | -                | -                | -                | 2.8              | -                | 2.2              | -                | -                | 112                                                                                 |
| 120                                                                               |                                                                                   | -                | -                | -                | -                | -                | -                | -                | 2.1              | -                | -                | -                | -                | 120                                                                                 |
| 1)                                                                                |                                                                                   | -                | 5.3              | -                | 3.7              | -                | 2.4              | -                | 1.5              | -                | -                | -                | -                | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions



|  18,700 lb |                                                                                                  |  22.6 ft x 9.8 ft |                                                                                                  | 360° / Max.*   |                                                                                                  |                |                                                                                                  |                |                                                                                                  | ASME B30.5     |                                                                                                  |                |                                                                                   |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|
|            |  360°<br>34.1ft | Max.<br>34.1ft                                                                                     |  360°<br>45.6ft | Max.<br>45.6ft |  360°<br>57.1ft | Max.<br>57.1ft |  360°<br>68.6ft | Max.<br>68.6ft |  360°<br>80.1ft | Max.<br>80.1ft |  360°<br>91.5ft | Max.<br>91.5ft |  |
| ft                                                                                          |                                                                                                  |                                                                                                    |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                | ft                                                                                |
| 1,000 lb                                                                                    |                                                                                                  |                                                                                                    |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                |                                                                                                  |                |                                                                                   |
| 10                                                                                          | 53.1                                                                                             | 87.1                                                                                               | 50.9                                                                                             | 87.0           | 47.4                                                                                             | 86.7           | 44.7                                                                                             | 84.8           | 41.3                                                                                             | 74.6           | -                                                                                                | -              | 10                                                                                |
| 12                                                                                          | 41.3                                                                                             | 85.8                                                                                               | 42.3                                                                                             | 84.4           | 40.2                                                                                             | 81.2           | 38.2                                                                                             | 78.4           | 35.9                                                                                             | 72.8           | -                                                                                                | -              | 12                                                                                |
| 14                                                                                          | 32.6                                                                                             | 79.6                                                                                               | 35.0                                                                                             | 77.8           | 34.8                                                                                             | 74.8           | 33.1                                                                                             | 72.4           | 31.3                                                                                             | 69.4           | 33.5                                                                                             | 62.7           | 14                                                                                |
| 16                                                                                          | 27.0                                                                                             | 72.3                                                                                               | 29.3                                                                                             | 72.1           | 30.1                                                                                             | 69.2           | 29.3                                                                                             | 66.8           | 27.9                                                                                             | 64.9           | 29.4                                                                                             | 58.8           | 16                                                                                |
| 18                                                                                          | 22.2                                                                                             | 66.1                                                                                               | 24.4                                                                                             | 66.6           | 25.7                                                                                             | 64.6           | 25.7                                                                                             | 62.3           | 24.8                                                                                             | 61.2           | 26.2                                                                                             | 55.8           | 18                                                                                |
| 20                                                                                          | -                                                                                                | 59.9                                                                                               | 18.2                                                                                             | 61.0           | 19.5                                                                                             | 60.0           | 19.8                                                                                             | 58.0           | 20.0                                                                                             | 57.2           | 23.3                                                                                             | 53.2           | 20                                                                                |
| 24                                                                                          | -                                                                                                | -                                                                                                  | 14.2                                                                                             | 49.4           | 15.2                                                                                             | 50.1           | 15.7                                                                                             | 49.8           | 15.9                                                                                             | 49.8           | 19.2                                                                                             | 47.7           | 24                                                                                |
| 28                                                                                          | -                                                                                                | -                                                                                                  | 11.3                                                                                             | 41.4           | 12.4                                                                                             | 42.2           | 12.7                                                                                             | 42.2           | 12.9                                                                                             | 41.9           | 15.7                                                                                             | 39.5           | 28                                                                                |
| 32                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | 34.6           | 10.4                                                                                             | 35.1           | 10.6                                                                                             | 35.1           | 10.8                                                                                             | 34.8           | 12.7                                                                                             | 33.3           | 32                                                                                |
| 36                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | 8.6                                                                                              | 29.7           | 8.8                                                                                              | 29.7           | 9.0                                                                                              | 29.2           | 10.6                                                                                             | 28.9           | 36                                                                                |
| 40                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | 24.8           | 6.4                                                                                              | 24.8           | 6.6                                                                                              | 25.5           | 8.8                                                                                              | 25.0           | 40                                                                                |
| 48                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | -              | 4.9                                                                                              | 19.2           | 4.9                                                                                              | 19.5           | 6.6                                                                                              | 18.9           | 48                                                                                |
| 56                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | 15.7           | 3.7                                                                                              | 15.3           | 4.9                                                                                              | 15.2           | 56                                                                                |
| 64                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | 12.4           | 3.7                                                                                              | 12.7           | 64                                                                                |
| 72                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | 9.3            | 2.7                                                                                              | 10.4           | 72                                                                                |
| 80                                                                                          | -                                                                                                | -                                                                                                  | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | -              | -                                                                                                | 8.8            | 80                                                                                |
| 1)                                                                                          | 14.3                                                                                             | 30.9                                                                                               | 8.6                                                                                              | 22.5           | 6.0                                                                                              | 17.6           | 4.2                                                                                              | 13.9           | 2.9                                                                                              | 10.6           | 1.8                                                                                              | 8.4            | 1)                                                                                |

|  |  360°<br>103.0ft | Max.<br>103.0ft |  360°<br>114.5ft | Max.<br>114.5ft |  360°<br>126.0ft | Max.<br>126.0ft |  360°<br>137.5ft | Max.<br>137.5ft |  360°<br>149.0ft | Max.<br>149.0ft |  360°<br>164.0ft | Max.<br>164.0ft |  |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|
| ft                                                                                |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 | ft                                                                                |
| 1,000 lb                                                                          |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                                   |                 |                                                                                   |
| 16                                                                                | 25.8                                                                                              | 40.5            | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | 16                                                                                |
| 18                                                                                | 24.6                                                                                              | 42.0            | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | 18                                                                                |
| 20                                                                                | 21.9                                                                                              | 40.5            | 20.4                                                                                              | 34.1            | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | 20                                                                                |
| 24                                                                                | 18.1                                                                                              | 37.5            | 16.9                                                                                              | 32.9            | 15.8                                                                                              | 27.1            | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | 24                                                                                |
| 28                                                                                | 15.1                                                                                              | 35.8            | 14.2                                                                                              | 30.8            | 13.2                                                                                              | 26.4            | 12.7                                                                                              | 21.7            | -                                                                                                 | -               | -                                                                                                 | -               | 28                                                                                |
| 32                                                                                | 12.6                                                                                              | 32.7            | 11.9                                                                                              | 27.7            | 11.0                                                                                              | 25.4            | 10.7                                                                                              | 21.2            | 9.8                                                                                               | 17.9            | -                                                                                                 | -               | 32                                                                                |
| 36                                                                                | 10.6                                                                                              | 28.5            | 10.1                                                                                              | 25.1            | 9.4                                                                                               | 23.5            | 9.2                                                                                               | 20.7            | 8.3                                                                                               | 17.6            | 7.3                                                                                               | 13.3            | 36                                                                                |
| 40                                                                                | 8.8                                                                                               | 24.4            | 8.4                                                                                               | 22.8            | 8.0                                                                                               | 21.5            | 7.8                                                                                               | 20.1            | 6.9                                                                                               | 17.4            | 6.0                                                                                               | 13.2            | 40                                                                                |
| 48                                                                                | 6.3                                                                                               | 18.6            | 6.1                                                                                               | 18.7            | 5.9                                                                                               | 17.8            | 5.7                                                                                               | 17.1            | 4.9                                                                                               | 16.3            | 3.8                                                                                               | 12.6            | 48                                                                                |
| 56                                                                                | 4.7                                                                                               | 15.2            | 4.5                                                                                               | 14.7            | 4.3                                                                                               | 14.6            | 4.0                                                                                               | 14.1            | 3.3                                                                                               | 13.8            | 2.3                                                                                               | 12.1            | 56                                                                                |
| 64                                                                                | 3.5                                                                                               | 12.2            | 3.3                                                                                               | 12.2            | 3.1                                                                                               | 11.8            | 2.9                                                                                               | 11.3            | 2.0                                                                                               | 11.1            | -                                                                                                 | 10.6            | 64                                                                                |
| 72                                                                                | 2.7                                                                                               | 10.4            | 2.2                                                                                               | 10.2            | 2.0                                                                                               | 9.7             | 1.8                                                                                               | 9.3             | -                                                                                                 | 9.3             | -                                                                                                 | 8.6             | 72                                                                                |
| 80                                                                                | -                                                                                                 | 8.6             | -                                                                                                 | 8.4             | -                                                                                                 | 8.1             | -                                                                                                 | 7.9             | -                                                                                                 | 7.5             | -                                                                                                 | 7.0             | 80                                                                                |
| 88                                                                                | -                                                                                                 | 7.5             | -                                                                                                 | 7.0             | -                                                                                                 | 6.6             | -                                                                                                 | 6.7             | -                                                                                                 | 6.2             | -                                                                                                 | 5.6             | 88                                                                                |
| 96                                                                                | -                                                                                                 | 6.3             | -                                                                                                 | 5.8             | -                                                                                                 | 5.5             | -                                                                                                 | 5.6             | -                                                                                                 | 5.0             | -                                                                                                 | 4.5             | 96                                                                                |
| 104                                                                               | -                                                                                                 | -               | -                                                                                                 | 4.9             | -                                                                                                 | 4.5             | -                                                                                                 | 4.5             | -                                                                                                 | 4.1             | -                                                                                                 | 3.6             | 104                                                                               |
| 112                                                                               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | 3.7             | -                                                                                                 | 3.3             | -                                                                                                 | 2.8             | 112                                                                               |
| 120                                                                               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | 3.2             | -                                                                                                 | 2.7             | -                                                                                                 | 2.1             | 120                                                                               |
| 128                                                                               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | -               | -                                                                                                 | 2.0             | -                                                                                                 | -               | 128                                                                               |
| 1)                                                                                | -                                                                                                 | 6.4             | -                                                                                                 | 4.6             | -                                                                                                 | 3.3             | -                                                                                                 | 2.4             | -                                                                                                 | -               | -                                                                                                 | -               | 1)                                                                                |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

|  10,400 lb |                                                                                                  |  22.6 ft x 9.8 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                                                                                     |    |
|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|----|
|            |  360°<br>34.1ft | Max.<br>34.1ft                                                                                     | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |    |
| ft                                                                                          | 1,000 lb                                                                                         |                                                                                                    |                |                |                |                |                |                |                |                |                |                |                                                                                     | ft |
| 10                                                                                          | 53.5                                                                                             | 87.1                                                                                               | 50.3           | 87.0           | 46.9           | 86.7           | 43.0           | 84.8           | 39.6           | 74.6           | -              | -              | 10                                                                                  |    |
| 12                                                                                          | 41.5                                                                                             | 85.8                                                                                               | 40.3           | 84.4           | 38.4           | 81.2           | 35.7           | 78.4           | 33.3           | 72.8           | -              | -              | 12                                                                                  |    |
| 14                                                                                          | 32.2                                                                                             | 79.6                                                                                               | 33.3           | 77.8           | 32.3           | 74.8           | 30.3           | 72.4           | 28.5           | 69.4           | 26.6           | 62.7           | 14                                                                                  |    |
| 16                                                                                          | 25.1                                                                                             | 72.3                                                                                               | 27.4           | 72.1           | 27.5           | 69.2           | 26.1           | 66.8           | 24.7           | 64.9           | 23.1           | 58.8           | 16                                                                                  |    |
| 18                                                                                          | 20.6                                                                                             | 64.2                                                                                               | 22.8           | 64.9           | 23.7           | 63.5           | 23.0           | 62.1           | 21.9           | 61.2           | 20.6           | 55.8           | 18                                                                                  |    |
| 20                                                                                          | 16.8                                                                                             | 56.2                                                                                               | 18.8           | 57.5           | 20.1           | 57.7           | 20.1           | 57.3           | 19.3           | 57.0           | 18.2           | 53.1           | 20                                                                                  |    |
| 24                                                                                          | -                                                                                                | -                                                                                                  | 13.8           | 46.5           | 15.1           | 47.6           | 15.3           | 47.5           | 15.4           | 47.2           | 14.7           | 46.5           | 24                                                                                  |    |
| 28                                                                                          | -                                                                                                | -                                                                                                  | 10.5           | 39.2           | 11.6           | 39.7           | 11.9           | 39.6           | 12.2           | 39.4           | 11.9           | 38.4           | 28                                                                                  |    |
| 32                                                                                          | -                                                                                                | -                                                                                                  | 8.3            | 33.3           | 9.3            | 33.9           | 9.5            | 33.7           | 9.7            | 33.5           | 9.7            | 32.5           | 32                                                                                  |    |
| 36                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | 7.6            | 29.0           | 7.9            | 28.8           | 8.1            | 28.4           | 8.0            | 28.4           | 36                                                                                  |    |
| 40                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | 6.2            | 24.7           | 6.4            | 24.7           | 6.7            | 25.4           | 6.5            | 24.6           | 40                                                                                  |    |
| 48                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | -              | -              | 4.5            | 18.7           | 4.7            | 18.5           | 4.7            | 17.9           | 48                                                                                  |    |
| 56                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | -              | -              | 3.3            | 14.6           | 3.3            | 14.2           | 3.3            | 14.4           | 56                                                                                  |    |
| 64                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | -              | -              | -              | -              | 2.4            | 11.7           | 2.2            | 11.6           | 64                                                                                  |    |
| 72                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | -              | -              | -              | -              | -              | 9.3            | -              | 9.5            | 72                                                                                  |    |
| 80                                                                                          | -                                                                                                | -                                                                                                  | -              | -              | -              | -              | -              | -              | -              | -              | -              | 7.7            | 80                                                                                  |    |
| 1)                                                                                          | 10.4                                                                                             | 30.9                                                                                               | 6.2            | 22.5           | 4.2            | 17.6           | 2.6            | 12.8           | 1.5            | 9.7            | -              | 7.1            | 1)                                                                                  |    |

|  |  | 360°<br>103.0 ft | Max.<br>103.0 ft | 360°<br>114.5 ft | Max.<br>114.5 ft | 360°<br>126.0 ft | Max.<br>126.0 ft | 360°<br>137.5 ft | Max.<br>137.5 ft | 360°<br>149.0 ft | Max.<br>149.0 ft | 360°<br>164.0 ft | Max.<br>164.0 ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                                                                                     |
| 16                                                                                | 19.9                                                                              | 40.5             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 16                                                                                  |
| 18                                                                                | 19.2                                                                              | 42.0             | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                | 18                                                                                  |
| 20                                                                                | 17.1                                                                              | 40.5             | 15.6             | 34.1             | -                | -                | -                | -                | -                | -                | -                | -                | -                | 20                                                                                  |
| 24                                                                                | 13.9                                                                              | 37.5             | 12.8             | 32.9             | 11.7             | 27.1             | -                | -                | -                | -                | -                | -                | -                | 24                                                                                  |
| 28                                                                                | 11.4                                                                              | 35.8             | 10.4             | 30.8             | 9.5              | 26.4             | 9.2              | 21.7             | -                | -                | -                | -                | -                | 28                                                                                  |
| 32                                                                                | 9.4                                                                               | 31.2             | 8.7              | 27.2             | 7.8              | 25.4             | 7.6              | 21.2             | 6.7              | 17.9             | -                | -                | -                | 32                                                                                  |
| 36                                                                                | 7.9                                                                               | 26.7             | 7.3              | 24.3             | 6.5              | 22.3             | 6.3              | 20.2             | 5.4              | 17.6             | 4.2              | 13.3             | -                | 36                                                                                  |
| 40                                                                                | 6.4                                                                               | 22.4             | 6.0              | 22.0             | 5.4              | 20.6             | 5.1              | 19.1             | 4.2              | 17.2             | 2.9              | 13.2             | -                | 40                                                                                  |
| 48                                                                                | 4.4                                                                               | 18.1             | 4.2              | 17.0             | 3.6              | 16.2             | 3.3              | 15.3             | 2.3              | 14.3             | -                | 12.5             | -                | 48                                                                                  |
| 56                                                                                | 3.1                                                                               | 13.9             | 2.7              | 13.7             | 2.2              | 13.3             | -                | 12.0             | -                | 11.7             | -                | 10.6             | -                | 56                                                                                  |
| 64                                                                                | 2.0                                                                               | 11.2             | -                | 11.0             | -                | 10.5             | -                | 10.4             | -                | 9.5              | -                | 8.2              | -                | 64                                                                                  |
| 72                                                                                | -                                                                                 | 9.3              | -                | 8.9              | -                | 8.4              | -                | 8.2              | -                | 7.3              | -                | 6.2              | -                | 72                                                                                  |
| 80                                                                                | -                                                                                 | 7.7              | -                | 7.1              | -                | 6.6              | -                | 6.6              | -                | 6.0              | -                | 4.9              | -                | 80                                                                                  |
| 88                                                                                | -                                                                                 | 6.3              | -                | 5.9              | -                | 5.4              | -                | 5.3              | -                | 4.7              | -                | 3.8              | -                | 88                                                                                  |
| 96                                                                                | -                                                                                 | 5.2              | -                | 4.7              | -                | 4.3              | -                | 4.2              | -                | 3.6              | -                | 2.8              | -                | 96                                                                                  |
| 104                                                                               | -                                                                                 | -                | -                | 3.8              | -                | 3.4              | -                | 3.4              | -                | 2.7              | -                | 1.9              | -                | 104                                                                                 |
| 112                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 2.6              | -                | 2.2              | -                | -                | -                | 112                                                                                 |
| 120                                                                               | -                                                                                 | -                | -                | -                | -                | -                | -                | 2.1              | -                | -                | -                | -                | -                | 120                                                                                 |
| 1)                                                                                | -                                                                                 | 5.3              | -                | 3.7              | -                | 2.4              | -                | 1.5              | -                | -                | -                | -                | -                | 1)                                                                                  |

1) Capacities with horizontal boom

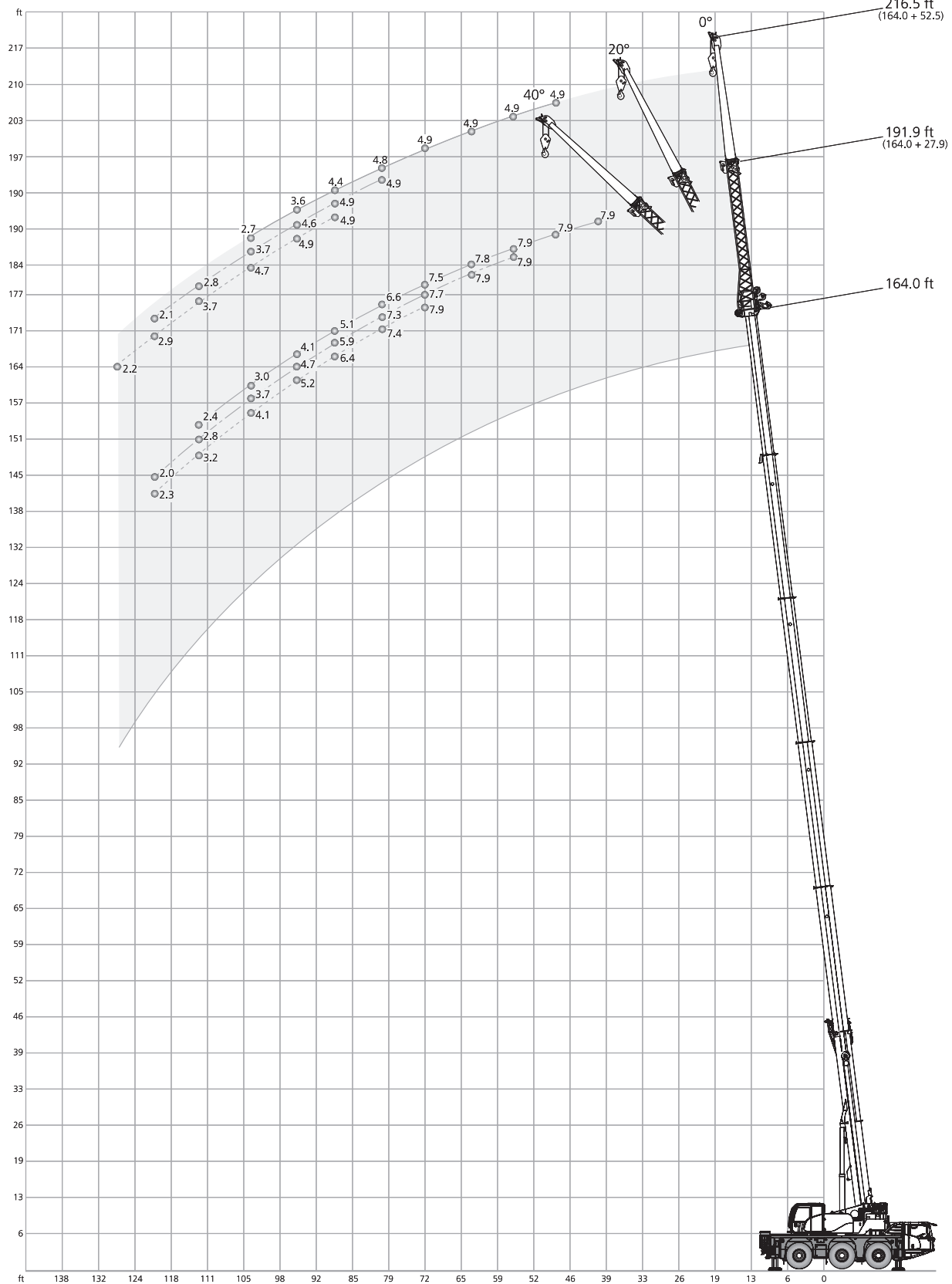
\* Max. values are valid only for specific superstructure positions

|  7,100 lb |                                                                                   |  22.6 ft x 9.8 ft |                | 360° / Max.*   |                |                |                |                |                | ASME B30.5     |                |                |                |                                                                                     |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------------------------------------------------------------------|
|           |  | 360°<br>34.1ft                                                                                     | Max.<br>34.1ft | 360°<br>45.6ft | Max.<br>45.6ft | 360°<br>57.1ft | Max.<br>57.1ft | 360°<br>68.6ft | Max.<br>68.6ft | 360°<br>80.1ft | Max.<br>80.1ft | 360°<br>91.5ft | Max.<br>91.5ft |  |
| ft                                                                                         |                                                                                   |                                                                                                    |                |                |                |                |                |                |                |                |                |                |                | ft                                                                                  |
| 1,000 lb                                                                                   |                                                                                   |                                                                                                    |                |                |                |                |                |                |                |                |                |                |                |                                                                                     |
| 10                                                                                         |                                                                                   | 47.8                                                                                               | 87.1           | 45.1           | 87.0           | 42.3           | 86.7           | 38.7           | 84.8           | 35.7           | 74.6           | -              | -              | 10                                                                                  |
| 12                                                                                         |                                                                                   | 36.9                                                                                               | 85.8           | 36.1           | 84.4           | 34.6           | 81.2           | 32.1           | 78.4           | 30.1           | 72.8           | -              | -              | 12                                                                                  |
| 14                                                                                         |                                                                                   | 28.3                                                                                               | 79.6           | 29.7           | 77.8           | 28.8           | 74.8           | 27.2           | 72.4           | 25.6           | 69.4           | 23.7           | 62.7           | 14                                                                                  |
| 16                                                                                         |                                                                                   | 22.0                                                                                               | 70.9           | 24.4           | 71.6           | 24.6           | 69.2           | 23.4           | 66.8           | 22.2           | 64.9           | 20.7           | 58.8           | 16                                                                                  |
| 18                                                                                         |                                                                                   | 18.1                                                                                               | 62.5           | 20.3           | 63.8           | 21.1           | 62.8           | 20.6           | 61.3           | 19.6           | 61.2           | 18.2           | 55.8           | 18                                                                                  |
| 20                                                                                         |                                                                                   | 14.6                                                                                               | 54.7           | 16.6           | 56.0           | 17.9           | 56.3           | 17.9           | 55.7           | 17.1           | 56.9           | 16.1           | 53.0           | 20                                                                                  |
| 24                                                                                         |                                                                                   | -                                                                                                  | -              | 12.1           | 45.2           | 13.2           | 46.3           | 13.6           | 46.3           | 13.7           | 46.1           | 13.0           | 44.7           | 24                                                                                  |
| 28                                                                                         |                                                                                   | -                                                                                                  | -              | 9.1            | 38.2           | 10.2           | 38.7           | 10.5           | 38.6           | 10.7           | 38.0           | 10.5           | 35.1           | 28                                                                                  |
| 32                                                                                         |                                                                                   | -                                                                                                  | -              | 7.0            | 32.4           | 8.1            | 33.0           | 8.3            | 32.8           | 8.5            | 31.1           | 8.5            | 30.6           | 32                                                                                  |
| 36                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | 6.5            | 27.4           | 6.9            | 27.2           | 7.0            | 26.8           | 7.0            | 26.0           | 36                                                                                  |
| 40                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | 5.1            | 22.4           | 5.6            | 22.5           | 5.6            | 23.2           | 5.6            | 22.2           | 40                                                                                  |
| 48                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | -              | -              | 3.8            | 17.3           | 3.8            | 17.0           | 3.8            | 16.8           | 48                                                                                  |
| 56                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | -              | -              | 2.5            | 13.5           | 2.6            | 13.4           | 2.6            | 13.0           | 56                                                                                  |
| 64                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | -              | -              | -              | -              | -              | 10.5           | -              | 10.4           | 64                                                                                  |
| 72                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | -              | -              | -              | -              | -              | 8.6            | -              | 8.4            | 72                                                                                  |
| 80                                                                                         |                                                                                   | -                                                                                                  | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | 6.8            | 80                                                                                  |
| 1)                                                                                         |                                                                                   | 8.8                                                                                                | 30.9           | 5.1            | 22.5           | 3.3            | 16.3           | 2.0            | 11.7           | -              | 8.6            | -              | 6.2            | 1)                                                                                  |

|  |  | 360°<br>103.0ft | Max.<br>103.0ft | 360°<br>114.5ft | Max.<br>114.5ft | 360°<br>126.0ft | Max.<br>126.0ft | 360°<br>137.5ft | Max.<br>137.5ft | 360°<br>149.0ft | Max.<br>149.0ft | 360°<br>164.0ft | Max.<br>164.0ft |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------------------------------------------------------------------|
| ft                                                                                |                                                                                   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 | ft                                                                                  |
| 1,000 lb                                                                          |                                                                                   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                                                                                     |
| 16                                                                                |                                                                                   | 17.5            | 40.5            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 16                                                                                  |
| 18                                                                                |                                                                                   | 17.1            | 42.0            | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | 18                                                                                  |
| 20                                                                                |                                                                                   | 15.2            | 40.5            | 13.9            | 34.1            | -               | -               | -               | -               | -               | -               | -               | -               | 20                                                                                  |
| 24                                                                                |                                                                                   | 12.2            | 37.5            | 11.1            | 32.9            | 10.2            | 27.1            | -               | -               | -               | -               | -               | -               | 24                                                                                  |
| 28                                                                                |                                                                                   | 9.9             | 34.0            | 9.0             | 29.9            | 8.2             | 26.4            | 7.9             | 21.7            | -               | -               | -               | -               | 28                                                                                  |
| 32                                                                                |                                                                                   | 8.0             | 28.1            | 7.4             | 26.5            | 6.7             | 24.0            | 6.4             | 21.2            | 5.4             | 17.9            | -               | -               | 32                                                                                  |
| 36                                                                                |                                                                                   | 6.8             | 24.0            | 6.1             | 23.1            | 5.4             | 21.4            | 5.2             | 19.4            | 4.1             | 17.6            | 2.9             | 13.3            | 36                                                                                  |
| 40                                                                                |                                                                                   | 5.6             | 21.4            | 4.9             | 19.9            | 4.3             | 19.2            | 4.0             | 17.9            | 3.0             | 17.0            | -               | 13.2            | 40                                                                                  |
| 48                                                                                |                                                                                   | 3.6             | 16.4            | 3.2             | 15.9            | 2.5             | 14.9            | -               | 13.9            | -               | 13.3            | -               | 12.0            | 48                                                                                  |
| 56                                                                                |                                                                                   | 2.4             | 12.9            | -               | 12.4            | -               | 11.7            | -               | 11.3            | -               | 10.3            | -               | 9.2             | 56                                                                                  |
| 64                                                                                |                                                                                   | -               | 10.2            | -               | 9.6             | -               | 9.1             | -               | 9.0             | -               | 8.0             | -               | 6.8             | 64                                                                                  |
| 72                                                                                |                                                                                   | -               | 8.2             | -               | 7.8             | -               | 7.3             | -               | 7.1             | -               | 6.2             | -               | 5.1             | 72                                                                                  |
| 80                                                                                |                                                                                   | -               | 6.6             | -               | 6.2             | -               | 5.6             | -               | 5.6             | -               | 4.9             | -               | 3.8             | 80                                                                                  |
| 88                                                                                |                                                                                   | -               | 5.4             | -               | 4.9             | -               | 4.5             | -               | 4.5             | -               | 3.6             | -               | 2.7             | 88                                                                                  |
| 96                                                                                |                                                                                   | -               | 4.4             | -               | 4.0             | -               | 3.6             | -               | 3.5             | -               | 2.7             | -               | 1.8             | 96                                                                                  |
| 104                                                                               |                                                                                   | -               | -               | -               | 3.2             | -               | 2.7             | -               | 2.7             | -               | 2.1             | -               | -               | 104                                                                                 |
| 112                                                                               |                                                                                   | -               | -               | -               | -               | -               | -               | -               | 2.0             | -               | -               | -               | -               | 112                                                                                 |
| 1)                                                                                |                                                                                   | -               | 4.6             | -               | 3.1             | -               | 1.8             | -               | -               | -               | -               | -               | -               | 1)                                                                                  |

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions



| 26,700 lb                                                                         |                                                                                   | 22.6 ft x 21.3 ft |     |     |         |     |     | 360°                                                                              |                                                                                   |         |      |      |          | ASME B30.5 |          |     |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-----|-----|---------|-----|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|------|------|----------|------------|----------|-----|--|--|--|--|--|--|--|--|--|
| 164.0 ft                                                                          |                                                                                   |                   |     |     |         |     |     |                                                                                   |                                                                                   |         |      |      | 149.0 ft |            |          |     |  |  |  |  |  |  |  |  |  |
|  |  | 27.9 ft           |     |     | 52.5 ft |     |     |  |  | 27.9 ft |      |      | 52.5 ft  |            |          |     |  |  |  |  |  |  |  |  |  |
|                                                                                   |                                                                                   | 0°                | 20° | 40° | 0°      | 20° | 40° |                                                                                   |                                                                                   | 0°      | 20°  | 40°  | 0°       | 20°        | 40°      |     |  |  |  |  |  |  |  |  |  |
| ft                                                                                |                                                                                   | 1,000 lb          |     |     |         |     |     |                                                                                   |                                                                                   |         |      |      | ft       |            | 1,000 lb |     |  |  |  |  |  |  |  |  |  |
| 40                                                                                |                                                                                   | 7.9               | -   | -   | -       | -   | -   | 40                                                                                |                                                                                   | 10.6    | -    | -    | -        | 6.4        | -        | -   |  |  |  |  |  |  |  |  |  |
| 48                                                                                |                                                                                   | 7.9               | -   | -   | 4.9     | -   | -   | 48                                                                                |                                                                                   | 10.6    | -    | -    | -        | 6.4        | -        | -   |  |  |  |  |  |  |  |  |  |
| 56                                                                                |                                                                                   | 7.9               | 7.9 | -   | 4.9     | -   | -   | 56                                                                                |                                                                                   | 10.6    | 10.6 | -    | -        | 6.4        | -        | -   |  |  |  |  |  |  |  |  |  |
| 64                                                                                |                                                                                   | 7.8               | 7.9 | -   | 4.9     | -   | -   | 64                                                                                |                                                                                   | 10.4    | 10.4 | 10.2 | -        | 6.4        | -        | -   |  |  |  |  |  |  |  |  |  |
| 72                                                                                |                                                                                   | 7.5               | 7.7 | 7.9 | 4.9     | -   | -   | 72                                                                                |                                                                                   | 8.9     | 9.7  | 9.5  | -        | 6.4        | 6.4      | -   |  |  |  |  |  |  |  |  |  |
| 80                                                                                |                                                                                   | 6.6               | 7.3 | 7.4 | 4.8     | 4.9 | -   | 80                                                                                |                                                                                   | 7.1     | 7.9  | 8.6  | -        | 6.1        | 6.1      | 5.5 |  |  |  |  |  |  |  |  |  |
| 88                                                                                |                                                                                   | 5.1               | 5.9 | 6.4 | 4.4     | 4.9 | 4.9 | 88                                                                                |                                                                                   | 6.2     | 6.4  | 7.0  | -        | 5.3        | 5.9      | 5.3 |  |  |  |  |  |  |  |  |  |
| 96                                                                                |                                                                                   | 4.1               | 4.7 | 5.2 | 3.6     | 4.6 | 4.9 | 96                                                                                |                                                                                   | 5.0     | 5.4  | 5.7  | -        | 4.5        | 5.2      | 5.2 |  |  |  |  |  |  |  |  |  |
| 104                                                                               |                                                                                   | 3.0               | 3.7 | 4.1 | 2.7     | 3.7 | 4.7 | 104                                                                               |                                                                                   | 3.9     | 4.3  | 4.8  | -        | 3.6        | 4.5      | 5.1 |  |  |  |  |  |  |  |  |  |
| 112                                                                               |                                                                                   | 2.4               | 2.8 | 3.2 | -       | 2.8 | 3.7 | 112                                                                               |                                                                                   | 3.0     | 3.5  | 3.7  | -        | 2.8        | 3.7      | 4.1 |  |  |  |  |  |  |  |  |  |
| 120                                                                               |                                                                                   | -                 | 2.0 | 2.3 | -       | 2.1 | 2.9 | 120                                                                               |                                                                                   | 2.2     | 2.7  | 2.9  | -        | 2.2        | 3.0      | 3.6 |  |  |  |  |  |  |  |  |  |
| 128                                                                               |                                                                                   | -                 | -   | -   | -       | -   | 2.2 | 128                                                                               |                                                                                   | -       | 2.0  | 2.1  | -        | -          | 2.3      | 2.8 |  |  |  |  |  |  |  |  |  |
|                                                                                   |                                                                                   |                   |     |     |         |     |     | 136                                                                               |                                                                                   | -       | -    | -    | -        | -          | -        | 2.1 |  |  |  |  |  |  |  |  |  |

|  137.5 ft |                                                                                   |          |      |      |         |     |     |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|------|------|---------|-----|-----|
|           |  | 27.9 ft  |      |      | 52.5 ft |     |     |
|                                                                                            |                                                                                   | 0°       | 20°  | 40°  | 0°      | 20° | 40° |
| ft                                                                                         |                                                                                   | 1,000 lb |      |      |         |     |     |
| 36                                                                                         |                                                                                   | 13.0     | -    | -    | -       | -   | -   |
| 40                                                                                         |                                                                                   | 13.0     | -    | -    | 7.9     | -   | -   |
| 48                                                                                         |                                                                                   | 13.0     | 13.0 | -    | 7.9     | -   | -   |
| 56                                                                                         |                                                                                   | 12.8     | 12.7 | 12.5 | 7.8     | -   | -   |
| 64                                                                                         |                                                                                   | 11.1     | 11.5 | 11.3 | 7.7     | 6.9 | -   |
| 72                                                                                         |                                                                                   | 9.5      | 9.7  | 10.2 | 7.7     | 6.6 | -   |
| 80                                                                                         |                                                                                   | 7.9      | 8.3  | 8.3  | 7.0     | 6.4 | 5.5 |
| 88                                                                                         |                                                                                   | 6.3      | 6.8  | 7.3  | 6.2     | 6.1 | 5.4 |
| 96                                                                                         |                                                                                   | 5.1      | 5.5  | 5.9  | 5.0     | 5.8 | 5.3 |
| 104                                                                                        |                                                                                   | 4.5      | 4.5  | 4.8  | 4.1     | 5.0 | 5.1 |
| 112                                                                                        |                                                                                   | 3.5      | 3.9  | 3.9  | 3.5     | 3.9 | 4.6 |
| 120                                                                                        |                                                                                   | 2.7      | 3.1  | 3.3  | 2.9     | 3.2 | 3.7 |
| 128                                                                                        |                                                                                   | 2.2      | 2.4  | 2.5  | 2.2     | 2.6 | 2.9 |
| 136                                                                                        |                                                                                   | -        | 1.9  | -    | -       | 2.1 | 2.3 |
| 144                                                                                        |                                                                                   | -        | -    | -    | -       | -   | 1.8 |

|  126.0 ft |                                                                                   |          |      |      |         |     |     |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|------|------|---------|-----|-----|
|           |  | 27.9 ft  |      |      | 52.5 ft |     |     |
|                                                                                            |                                                                                   | 0°       | 20°  | 40°  | 0°      | 20° | 40° |
| ft                                                                                         |                                                                                   | 1,000 lb |      |      |         |     |     |
| 32                                                                                         |                                                                                   | 16.1     | -    | -    | 9.3     | -   | -   |
| 36                                                                                         |                                                                                   | 16.1     | -    | -    | 9.3     | -   | -   |
| 40                                                                                         |                                                                                   | 16.1     | -    | -    | 9.2     | -   | -   |
| 48                                                                                         |                                                                                   | 15.8     | 15.7 | -    | 9.0     | -   | -   |
| 56                                                                                         |                                                                                   | 13.9     | 13.9 | 13.3 | 8.9     | 7.6 | -   |
| 64                                                                                         |                                                                                   | 11.3     | 12.1 | 12.2 | 8.8     | 7.2 | -   |
| 72                                                                                         |                                                                                   | 9.7      | 9.8  | 10.4 | 8.4     | 6.8 | 5.7 |
| 80                                                                                         |                                                                                   | 8.1      | 8.6  | 8.6  | 7.5     | 6.6 | 5.7 |
| 88                                                                                         |                                                                                   | 6.8      | 7.2  | 7.5  | 6.7     | 6.3 | 5.5 |
| 96                                                                                         |                                                                                   | 5.6      | 6.1  | 6.2  | 5.6     | 5.8 | 5.4 |
| 104                                                                                        |                                                                                   | 4.5      | 5.0  | 5.2  | 4.7     | 5.1 | 5.3 |
| 112                                                                                        |                                                                                   | 3.7      | 3.9  | 4.1  | 3.7     | 4.6 | 4.8 |
| 120                                                                                        |                                                                                   | 2.9      | 3.1  | 3.3  | 3.0     | 3.6 | 4.0 |
| 128                                                                                        |                                                                                   | 2.2      | 2.4  | -    | 2.4     | 2.9 | 3.2 |
| 136                                                                                        |                                                                                   | 1.7      | 1.9  | -    | 1.9     | 2.2 | 2.4 |
| 144                                                                                        |                                                                                   | -        | -    | -    | -       | 1.6 | 1.8 |

| 26,700 lb                                                                         |                                                                                   |         |      |      |         |     | 360°    |                                                                                   |                                                                                   |         |      |     |         | ASME B30.5 |     |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|------|------|---------|-----|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------|------|-----|---------|------------|-----|--|--|--|--|--|
| 114.5 ft                                                                          |                                                                                   |         |      |      |         |     | 34.1 ft |                                                                                   |                                                                                   |         |      |     |         |            |     |  |  |  |  |  |
|  |  | 27.9 ft |      |      | 52.5 ft |     |         |  |  | 27.9 ft |      |     | 52.5 ft |            |     |  |  |  |  |  |
|                                                                                   |                                                                                   | 0°      | 20°  | 40°  | 0°      | 20° | 40°     |                                                                                   |                                                                                   | 0°      | 20°  | 40° | 0°      | 20°        | 40° |  |  |  |  |  |
| ft                                                                                | 1,000 lb                                                                          |         |      |      |         |     | ft      | 1,000 lb                                                                          |                                                                                   |         |      |     |         |            |     |  |  |  |  |  |
| 28                                                                                | 20.1                                                                              | -       | -    | 10.6 | -       | -   | 10      | 29.5                                                                              | -                                                                                 | -       | 18.1 | -   | -       |            |     |  |  |  |  |  |
| 32                                                                                | 20.1                                                                              | -       | -    | 10.4 | -       | -   | 12      | 29.5                                                                              | -                                                                                 | -       | 17.8 | -   | -       |            |     |  |  |  |  |  |
| 36                                                                                | 19.7                                                                              | -       | -    | 10.4 | -       | -   | 14      | 29.5                                                                              | -                                                                                 | -       | 17.5 | -   | -       |            |     |  |  |  |  |  |
| 40                                                                                | 19.3                                                                              | 17.8    | -    | 10.3 | -       | -   | 16      | 29.4                                                                              | 21.8                                                                              | -       | 17.1 | -   | -       |            |     |  |  |  |  |  |
| 48                                                                                | 17.4                                                                              | 16.6    | 14.1 | 10.1 | -       | -   | 18      | 27.9                                                                              | 21.0                                                                              | -       | 16.2 | -   | -       |            |     |  |  |  |  |  |
| 56                                                                                | 14.5                                                                              | 14.9    | 13.4 | 9.8  | 7.7     | -   | 20      | 26.2                                                                              | 20.2                                                                              | -       | 15.3 | -   | -       |            |     |  |  |  |  |  |
| 64                                                                                | 11.7                                                                              | 12.3    | 12.6 | 9.4  | 7.3     | 6.0 | 24      | 23.7                                                                              | 18.8                                                                              | 16.0    | 13.5 | -   | -       |            |     |  |  |  |  |  |
| 72                                                                                | 10.2                                                                              | 10.2    | 10.4 | 8.8  | 6.8     | 5.7 | 28      | 21.5                                                                              | 17.6                                                                              | 15.3    | 12.2 | 9.6 | -       |            |     |  |  |  |  |  |
| 80                                                                                | 8.3                                                                               | 8.6     | 8.7  | 7.9  | 6.6     | 5.7 | 32      | 19.6                                                                              | 16.5                                                                              | 14.8    | 11.0 | 8.9 | -       |            |     |  |  |  |  |  |
| 88                                                                                | 7.3                                                                               | 7.3     | 7.6  | 6.8  | 6.3     | 5.5 | 36      | 18.1                                                                              | 15.8                                                                              | 14.4    | 10.2 | 8.4 | -       |            |     |  |  |  |  |  |
| 96                                                                                | 6.1                                                                               | 6.3     | 6.4  | 5.7  | 5.8     | 5.4 | 40      | 16.8                                                                              | 15.1                                                                              | 14.1    | 9.4  | 7.9 | 6.8     |            |     |  |  |  |  |  |
| 104                                                                               | 5.0                                                                               | 5.2     | 5.4  | 5.1  | 5.4     | 5.3 | 48      | 14.9                                                                              | -                                                                                 | -       | 8.1  | 7.1 | 6.3     |            |     |  |  |  |  |  |
| 112                                                                               | 4.1                                                                               | 4.4     | -    | 4.1  | 4.6     | 4.8 | 56      | -                                                                                 | -                                                                                 | -       | 7.1  | 6.4 | 5.8     |            |     |  |  |  |  |  |
| 120                                                                               | 3.3                                                                               | 3.6     | -    | 3.4  | 4.0     | 4.2 | 64      | -                                                                                 | -                                                                                 | -       | 6.5  | 5.8 | 5.6     |            |     |  |  |  |  |  |
| 128                                                                               | 2.6                                                                               | -       | -    | 2.9  | 3.2     | 3.4 | 72      | -                                                                                 | -                                                                                 | -       | 5.7  | 5.7 | -       |            |     |  |  |  |  |  |
| 136                                                                               | -                                                                                 | -       | -    | 2.3  | 2.5     | 2.8 |         |                                                                                   |                                                                                   |         |      |     |         |            |     |  |  |  |  |  |
| 144                                                                               | -                                                                                 | -       | -    | 1.8  | 2.0     | -   |         |                                                                                   |                                                                                   |         |      |     |         |            |     |  |  |  |  |  |

|  20,700 lb |                                                                                   |  22.6 ft x 21.3 ft |     |     |         |     |     |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----|-----|---------|-----|-----|
|  164.0 ft  |                                                                                   |                                                                                                     |     |     |         |     |     |
|            |  | 27.9 ft                                                                                             |     |     | 52.5 ft |     |     |
|                                                                                             |                                                                                   | 0°                                                                                                  | 20° | 40° | 0°      | 20° | 40° |
| ft                                                                                          |                                                                                   | 1,000 lb                                                                                            |     |     |         |     |     |
| 40                                                                                          |                                                                                   | 7.9                                                                                                 | -   | -   | -       | -   | -   |
| 48                                                                                          |                                                                                   | 7.9                                                                                                 | -   | -   | 4.9     | -   | -   |
| 56                                                                                          |                                                                                   | 7.9                                                                                                 | 7.9 | -   | 4.9     | -   | -   |
| 64                                                                                          |                                                                                   | 7.8                                                                                                 | 7.9 | -   | 4.9     | -   | -   |
| 72                                                                                          |                                                                                   | 6.4                                                                                                 | 7.3 | 7.9 | 4.9     | -   | -   |
| 80                                                                                          |                                                                                   | 4.9                                                                                                 | 5.7 | 6.4 | 4.4     | 4.9 | -   |
| 88                                                                                          |                                                                                   | 3.6                                                                                                 | 4.4 | 5.1 | 3.2     | 4.5 | 4.9 |
| 96                                                                                          |                                                                                   | 2.7                                                                                                 | 3.3 | 3.9 | 2.2     | 3.4 | 4.4 |
| 104                                                                                         |                                                                                   | 1.9                                                                                                 | 2.3 | 3.0 | -       | 2.5 | 3.4 |
| 112                                                                                         |                                                                                   | -                                                                                                   | -   | -   | -       | -   | 2.6 |

|  149.0 ft |                                                                                   | 360°     |      |      |         |     |     | ASME B30.5 |  |  |  |  |  |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|------|------|---------|-----|-----|------------|--|--|--|--|--|
|           |  | 27.9 ft  |      |      | 52.5 ft |     |     |            |  |  |  |  |  |
|                                                                                            |                                                                                   | 0°       | 20°  | 40°  | 0°      | 20° | 40° |            |  |  |  |  |  |
| ft                                                                                         |                                                                                   | 1,000 lb |      |      |         |     |     |            |  |  |  |  |  |
| 40                                                                                         |                                                                                   | 10.6     | -    | -    | 6.4     | -   | -   |            |  |  |  |  |  |
| 48                                                                                         |                                                                                   | 10.6     | -    | -    | 6.4     | -   | -   |            |  |  |  |  |  |
| 56                                                                                         |                                                                                   | 10.6     | 10.6 | -    | 6.4     | -   | -   |            |  |  |  |  |  |
| 64                                                                                         |                                                                                   | 9.1      | 9.9  | 10.2 | 6.4     | -   | -   |            |  |  |  |  |  |
| 72                                                                                         |                                                                                   | 7.5      | 8.2  | 8.9  | 6.4     | 6.4 | -   |            |  |  |  |  |  |
| 80                                                                                         |                                                                                   | 6.0      | 6.8  | 7.1  | 5.5     | 6.0 | 5.5 |            |  |  |  |  |  |
| 88                                                                                         |                                                                                   | 4.7      | 5.4  | 5.9  | 4.3     | 5.2 | 5.3 |            |  |  |  |  |  |
| 96                                                                                         |                                                                                   | 3.6      | 4.3  | 4.7  | 3.3     | 4.3 | 4.9 |            |  |  |  |  |  |
| 104                                                                                        |                                                                                   | 2.7      | 3.2  | 3.7  | 2.5     | 3.4 | 4.3 |            |  |  |  |  |  |
| 112                                                                                        |                                                                                   | -        | 2.4  | 2.6  | -       | 2.6 | 3.3 |            |  |  |  |  |  |
| 120                                                                                        |                                                                                   | -        | -    | -    | -       | 1.9 | 2.5 |            |  |  |  |  |  |
| 128                                                                                        |                                                                                   | -        | -    | -    | -       | -   | 1.9 |            |  |  |  |  |  |



137.5 ft

| ft       | 27.9 ft |      |      | 52.5 ft |     |     |
|----------|---------|------|------|---------|-----|-----|
|          | 0°      | 20°  | 40°  | 0°      | 20° | 40° |
| 1,000 lb |         |      |      |         |     |     |
| 36       | 13.0    | -    | -    | -       | -   | -   |
| 40       | 13.0    | -    | -    | 7.9     | -   | -   |
| 48       | 13.0    | 13.0 | -    | 7.9     | -   | -   |
| 56       | 11.9    | 12.4 | 12.5 | 7.8     | -   | -   |
| 64       | 10.0    | 10.6 | 11.0 | 7.7     | 6.9 | -   |
| 72       | 8.0     | 8.9  | 9.3  | 7.1     | 6.6 | -   |
| 80       | 6.7     | 7.0  | 7.7  | 6.0     | 6.4 | 5.5 |
| 88       | 5.5     | 5.9  | 6.1  | 5.1     | 5.8 | 5.4 |
| 96       | 4.3     | 4.8  | 5.2  | 4.1     | 4.9 | 5.3 |
| 104      | 3.4     | 3.8  | 4.1  | 3.2     | 4.1 | 4.5 |
| 112      | 2.6     | 2.8  | 3.0  | 2.6     | 3.3 | 3.9 |
| 120      | -       | 2.2  | 2.3  | 1.9     | 2.5 | 3.1 |
| 128      | -       | -    | -    | -       | 2.0 | 2.3 |



126.0 ft

| ft       |  | 27.9 ft |      |      | 52.5 ft |     |     |
|----------|-----------------------------------------------------------------------------------|---------|------|------|---------|-----|-----|
|          |                                                                                   | 0°      | 20°  | 40°  | 0°      | 20° | 40° |
| 1,000 lb |                                                                                   |         |      |      |         |     |     |
| 32       |                                                                                   | 16.1    | -    | -    | 9.3     | -   | -   |
| 36       |                                                                                   | 16.1    | -    | -    | 9.3     | -   | -   |
| 40       |                                                                                   | 16.1    | -    | -    | 9.2     | -   | -   |
| 48       |                                                                                   | 15.2    | 15.6 | -    | 9.0     | -   | -   |
| 56       |                                                                                   | 12.7    | 13.3 | 13.3 | 8.9     | 7.6 | -   |
| 64       |                                                                                   | 10.7    | 11.0 | 11.2 | 8.7     | 7.2 | -   |
| 72       |                                                                                   | 8.8     | 9.3  | 9.3  | 7.7     | 6.8 | 5.7 |
| 80       |                                                                                   | 7.0     | 7.7  | 7.9  | 6.8     | 6.5 | 5.7 |
| 88       |                                                                                   | 5.6     | 6.2  | 6.5  | 5.6     | 6.1 | 5.5 |
| 96       |                                                                                   | 4.5     | 5.0  | 5.2  | 4.5     | 5.4 | 5.3 |
| 104      |                                                                                   | 3.4     | 3.9  | 4.1  | 3.6     | 4.3 | 4.9 |
| 112      |                                                                                   | 2.6     | 3.0  | 3.0  | 2.8     | 3.5 | 3.9 |
| 120      |                                                                                   | 2.0     | 2.2  | 2.3  | 2.1     | 2.7 | 3.1 |
| 128      |                                                                                   | -       | -    | -    | -       | 2.0 | 2.3 |



114.5 ft

|  | 27.9 ft  |      |      | 52.5 ft |     |     |
|-------------------------------------------------------------------------------------|----------|------|------|---------|-----|-----|
|                                                                                     | 0°       | 20°  | 40°  | 0°      | 20° | 40° |
| ft                                                                                  | 1,000 lb |      |      |         |     |     |
| 28                                                                                  | 20.1     | -    | -    | 10.6    | -   | -   |
| 32                                                                                  | 20.1     | -    | -    | 10.4    | -   | -   |
| 36                                                                                  | 19.7     | -    | -    | 10.4    | -   | -   |
| 40                                                                                  | 19.1     | 17.8 | -    | 10.3    | -   | -   |
| 48                                                                                  | 16.0     | 16.4 | 14.1 | 10.1    | -   | -   |
| 56                                                                                  | 12.9     | 13.6 | 13.3 | 9.8     | 7.7 | -   |
| 64                                                                                  | 10.8     | 11.0 | 11.4 | 9.4     | 7.3 | 6.0 |
| 72                                                                                  | 9.3      | 9.3  | 9.3  | 8.2     | 6.8 | 5.7 |
| 80                                                                                  | 7.5      | 7.9  | 8.0  | 7.1     | 6.6 | 5.7 |
| 88                                                                                  | 6.0      | 6.6  | 6.8  | 6.2     | 6.1 | 5.5 |
| 96                                                                                  | 5.0      | 5.3  | 5.5  | 5.0     | 5.6 | 5.4 |
| 104                                                                                 | 3.9      | 4.3  | 4.3  | 4.1     | 4.8 | 5.1 |
| 112                                                                                 | 3.1      | 3.3  | -    | 3.3     | 3.9 | 4.3 |
| 120                                                                                 | 2.5      | 2.5  | -    | 2.5     | 3.1 | 3.3 |
| 128                                                                                 | 1.9      | -    | -    | 2.0     | 2.4 | 2.6 |
| 136                                                                                 | -        | -    | -    | -       | 1.7 | 1.9 |

|  34.1 ft |          |      |      |         |     |     |  |
|---------------------------------------------------------------------------------------------|----------|------|------|---------|-----|-----|--|
|  27.9 ft |          |      |      | 52.5 ft |     |     |  |
|                                                                                             | 0°       | 20°  | 40°  | 0°      | 20° | 40° |  |
| ft                                                                                          | 1,000 lb |      |      |         |     |     |  |
| 10                                                                                          | 29.5     | -    | -    | 18.1    | -   | -   |  |
| 12                                                                                          | 29.5     | -    | -    | 17.8    | -   | -   |  |
| 14                                                                                          | 29.5     | -    | -    | 17.5    | -   | -   |  |
| 16                                                                                          | 29.4     | 21.8 | -    | 17.1    | -   | -   |  |
| 18                                                                                          | 27.9     | 21.0 | -    | 16.2    | -   | -   |  |
| 20                                                                                          | 26.2     | 20.2 | -    | 15.3    | -   | -   |  |
| 24                                                                                          | 23.7     | 18.8 | 16.0 | 13.5    | -   | -   |  |
| 28                                                                                          | 21.5     | 17.6 | 15.3 | 12.2    | 9.6 | -   |  |
| 32                                                                                          | 19.6     | 16.5 | 14.8 | 11.0    | 8.9 | -   |  |
| 36                                                                                          | 18.1     | 15.8 | 14.4 | 10.2    | 8.4 | -   |  |
| 40                                                                                          | 16.8     | 15.1 | 14.1 | 9.4     | 7.9 | 6.8 |  |
| 48                                                                                          | 14.9     | -    | -    | 8.1     | 7.1 | 6.3 |  |
| 56                                                                                          | -        | -    | -    | 7.1     | 6.4 | 5.8 |  |
| 64                                                                                          | -        | -    | -    | 6.5     | 5.8 | 5.6 |  |
| 72                                                                                          | -        | -    | -    | 5.7     | 5.7 | -   |  |

| 10,400 lb                                                                                                                                                                   |     | 22.6 ft x 21.3 ft |     | 360°                                                                                       |     | ASME B30.5 |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------|-----|--------------------------------------------------------------------------------------------|-----|------------|---|
|  164.0 ft                                                                                  |     |                   |     |  149.0 ft |     |            |   |
|   27.9 ft |     | 0° 20° 40°        |     | 52.5 ft                                                                                    |     | 0° 20° 40° |   |
| ft                                                                                                                                                                          |     | 1,000 lb          |     | ft                                                                                         |     | 1,000 lb   |   |
| 40                                                                                                                                                                          | 7.9 | -                 | -   | -                                                                                          | -   | -          | - |
| 48                                                                                                                                                                          | 7.9 | -                 | -   | 4.9                                                                                        | -   | -          | - |
| 56                                                                                                                                                                          | 7.0 | 7.7               | -   | 4.9                                                                                        | -   | -          | - |
| 64                                                                                                                                                                          | 5.0 | 6.2               | -   | 4.4                                                                                        | -   | -          | - |
| 72                                                                                                                                                                          | 3.6 | 4.4               | 5.3 | 2.9                                                                                        | -   | -          | - |
| 80                                                                                                                                                                          | 2.3 | 3.1               | 3.8 | -                                                                                          | 3.4 | -          | - |
| 88                                                                                                                                                                          | -   | 2.1               | 2.7 | -                                                                                          | 2.3 | 3.5        | - |
| 96                                                                                                                                                                          | -   | -                 | -   | -                                                                                          | -   | 2.4        | - |

|                                                                                                                                                                             |      |            |      |                                                                                            |     |            |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------|--------------------------------------------------------------------------------------------|-----|------------|---|
|  137.5 ft                                                                                  |      |            |      |  126.0 ft |     |            |   |
|   27.9 ft |      | 0° 20° 40° |      | 52.5 ft                                                                                    |     | 0° 20° 40° |   |
| ft                                                                                                                                                                          |      | 1,000 lb   |      | ft                                                                                         |     | 1,000 lb   |   |
| 36                                                                                                                                                                          | 13.0 | -          | -    | -                                                                                          | -   | -          | - |
| 40                                                                                                                                                                          | 12.9 | -          | -    | 7.9                                                                                        | -   | -          | - |
| 48                                                                                                                                                                          | 11.7 | 12.2       | -    | 7.9                                                                                        | -   | -          | - |
| 56                                                                                                                                                                          | 9.5  | 10.2       | 10.6 | 7.3                                                                                        | -   | -          | - |
| 64                                                                                                                                                                          | 7.3  | 8.2        | 8.9  | 6.4                                                                                        | 6.9 | -          | - |
| 72                                                                                                                                                                          | 5.5  | 6.2        | 7.1  | 5.1                                                                                        | 6.4 | -          | - |
| 80                                                                                                                                                                          | 4.2  | 4.9        | 5.5  | 3.8                                                                                        | 5.1 | 5.5        | - |
| 88                                                                                                                                                                          | 3.2  | 3.7        | 4.3  | 2.8                                                                                        | 3.8 | 4.9        | - |
| 96                                                                                                                                                                          | 2.2  | 2.8        | 3.2  | 2.0                                                                                        | 2.9 | 3.9        | - |
| 104                                                                                                                                                                         | -    | 2.1        | 2.3  | -                                                                                          | 2.1 | 3.0        | - |
| 112                                                                                                                                                                         | -    | -          | -    | -                                                                                          | -   | 2.2        | - |

|                                                                                                                                                                                 |      |            |      |                                                                                             |     |            |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------|---------------------------------------------------------------------------------------------|-----|------------|---|
|  114.5 ft                                                                                    |      |            |      |  34.1 ft |     |            |   |
|   27.9 ft |      | 0° 20° 40° |      | 52.5 ft                                                                                     |     | 0° 20° 40° |   |
| ft                                                                                                                                                                              |      | 1,000 lb   |      | ft                                                                                          |     | 1,000 lb   |   |
| 28                                                                                                                                                                              | 20.1 | -          | -    | 10.6                                                                                        | -   | -          | - |
| 32                                                                                                                                                                              | 20.1 | -          | -    | 10.4                                                                                        | -   | -          | - |
| 36                                                                                                                                                                              | 18.0 | -          | -    | 10.4                                                                                        | -   | -          | - |
| 40                                                                                                                                                                              | 16.9 | 17.3       | -    | 10.3                                                                                        | -   | -          | - |
| 48                                                                                                                                                                              | 13.5 | 14.0       | 13.8 | 10.0                                                                                        | -   | -          | - |
| 56                                                                                                                                                                              | 10.9 | 11.4       | 11.7 | 9.1                                                                                         | 7.7 | -          | - |
| 64                                                                                                                                                                              | 8.4  | 9.3        | 9.5  | 7.9                                                                                         | 7.3 | 6.0        | - |
| 72                                                                                                                                                                              | 6.4  | 7.3        | 7.8  | 6.4                                                                                         | 6.8 | 5.7        | - |
| 80                                                                                                                                                                              | 5.1  | 5.5        | 6.0  | 4.9                                                                                         | 6.2 | 5.7        | - |
| 88                                                                                                                                                                              | 3.8  | 4.3        | 4.7  | 3.9                                                                                         | 4.9 | 5.3        | - |
| 96                                                                                                                                                                              | 2.9  | 3.3        | 3.6  | 3.1                                                                                         | 3.9 | 4.5        | - |
| 104                                                                                                                                                                             | 2.1  | 2.3        | 2.6  | 2.3                                                                                         | 3.0 | 3.4        | - |
| 112                                                                                                                                                                             | -    | -          | -    | -                                                                                           | 2.2 | 2.6        | - |

|                                                                                             |      |            |      |         |     |            |   |
|---------------------------------------------------------------------------------------------|------|------------|------|---------|-----|------------|---|
|  27.9 ft |      | 0° 20° 40° |      | 52.5 ft |     | 0° 20° 40° |   |
| ft                                                                                          |      | 1,000 lb   |      | ft      |     | 1,000 lb   |   |
| 10                                                                                          | 29.5 | -          | -    | 18.1    | -   | -          | - |
| 12                                                                                          | 29.5 | -          | -    | 17.8    | -   | -          | - |
| 14                                                                                          | 29.5 | -          | -    | 17.5    | -   | -          | - |
| 16                                                                                          | 29.4 | 21.8       | -    | 17.1    | -   | -          | - |
| 18                                                                                          | 27.9 | 21.0       | -    | 16.2    | -   | -          | - |
| 20                                                                                          | 26.2 | 20.2       | -    | 15.3    | -   | -          | - |
| 24                                                                                          | 23.7 | 18.8       | 16.0 | 13.5    | -   | -          | - |
| 28                                                                                          | 21.5 | 17.6       | 15.3 | 12.2    | 9.6 | -          | - |
| 32                                                                                          | 19.6 | 16.5       | 14.8 | 11.0    | 8.9 | -          | - |
| 36                                                                                          | 18.1 | 15.8       | 14.4 | 10.2    | 8.4 | -          | - |
| 40                                                                                          | 16.8 | 15.1       | 14.1 | 9.4     | 7.9 | 6.8        | - |
| 48                                                                                          | 14.5 | -          | -    | 8.1     | 7.1 | 6.3        | - |
| 56                                                                                          | -    | -          | -    | 7.1     | 6.4 | 5.8        | - |
| 64                                                                                          | -    | -          | -    | 6.5     | 5.8 | 5.6        | - |
| 72                                                                                          | -    | -          | -    | 5.7     | 5.7 | -          | - |



| 7,100 lb                                                                                                                                                                    |     | 22.6 ft x 21.3 ft |     | 360°                                                                                       |     | ASME B30.5 |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------|-----|--------------------------------------------------------------------------------------------|-----|------------|---|
|  164.0 ft                                                                                  |     |                   |     |  149.0 ft |     |            |   |
|   27.9 ft |     | 0° 20° 40°        |     | 52.5 ft                                                                                    |     | 0° 20° 40° |   |
| ft                                                                                                                                                                          |     | 1,000 lb          |     | ft                                                                                         |     | 1,000 lb   |   |
| 40                                                                                                                                                                          | 7.9 | -                 | -   | -                                                                                          | -   | -          | - |
| 48                                                                                                                                                                          | 7.6 | -                 | -   | 4.9                                                                                        | -   | -          | - |
| 56                                                                                                                                                                          | 5.9 | 7.0               | -   | 4.6                                                                                        | -   | -          | - |
| 64                                                                                                                                                                          | 3.9 | 5.0               | -   | 3.4                                                                                        | -   | -          | - |
| 72                                                                                                                                                                          | 2.5 | 3.6               | 4.2 | 2.0                                                                                        | -   | -          | - |
| 80                                                                                                                                                                          | -   | 2.3               | 2.9 | -                                                                                          | 2.5 | -          | - |
| 88                                                                                                                                                                          | -   | -                 | -   | -                                                                                          | -   | 2.7        | - |

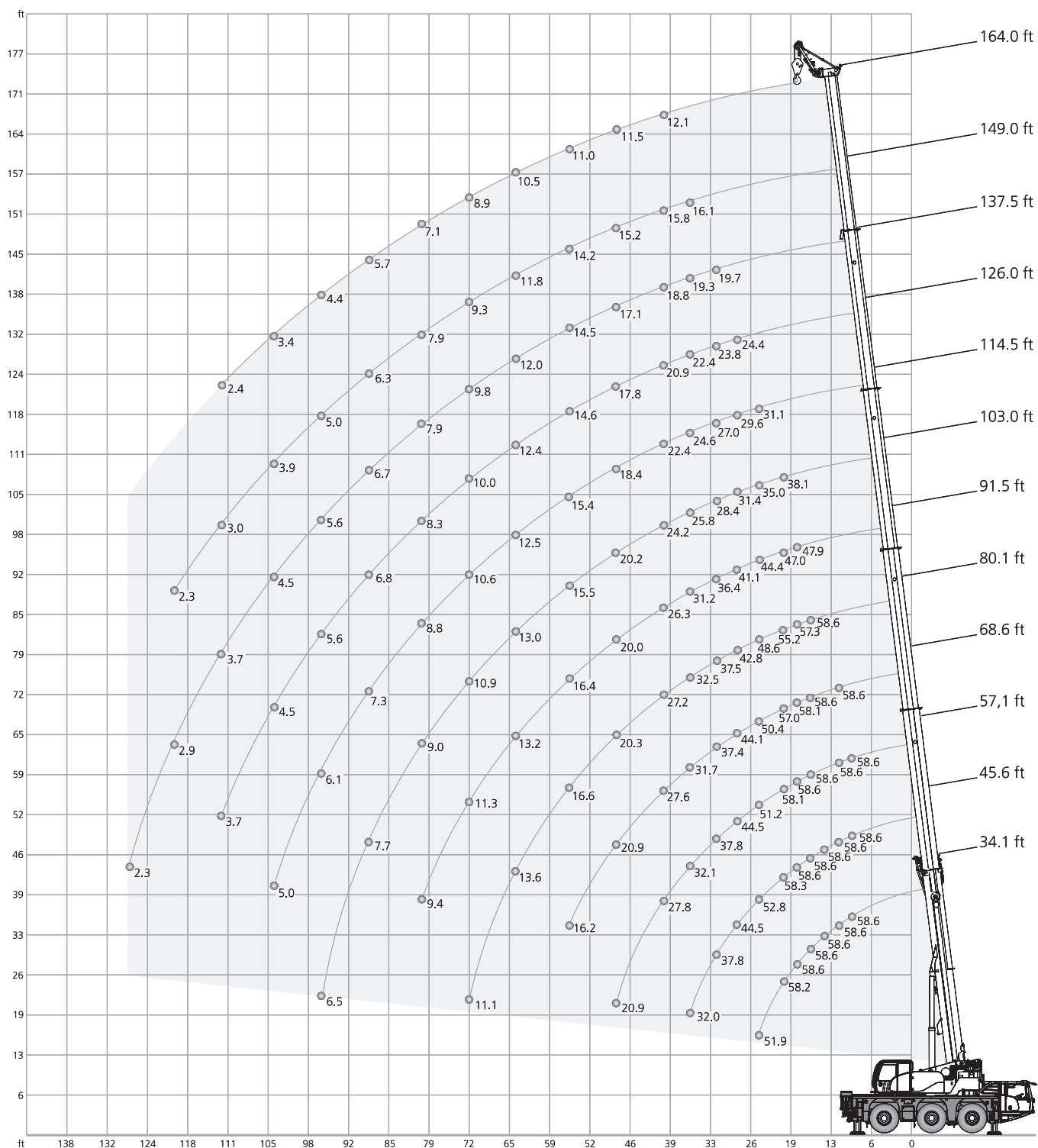
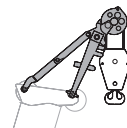
|                                                                                                                                                                             |      |            |     |                                                                                            |     |            |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|-----|--------------------------------------------------------------------------------------------|-----|------------|---|
|  137.5 ft                                                                                  |      |            |     |  126.0 ft |     |            |   |
|   27.9 ft |      | 0° 20° 40° |     | 52.5 ft                                                                                    |     | 0° 20° 40° |   |
| ft                                                                                                                                                                          |      | 1,000 lb   |     | ft                                                                                         |     | 1,000 lb   |   |
| 36                                                                                                                                                                          | 13.0 | -          | -   | -                                                                                          | -   | -          | - |
| 40                                                                                                                                                                          | 12.8 | -          | -   | 7.9                                                                                        | -   | -          | - |
| 48                                                                                                                                                                          | 10.6 | 11.7       | -   | 7.7                                                                                        | -   | -          | - |
| 56                                                                                                                                                                          | 8.2  | 9.4        | 9.8 | 6.7                                                                                        | -   | -          | - |
| 64                                                                                                                                                                          | 6.1  | 7.0        | 7.9 | 5.6                                                                                        | 6.7 | -          | - |
| 72                                                                                                                                                                          | 4.4  | 5.3        | 6.0 | 4.0                                                                                        | 5.5 | -          | - |
| 80                                                                                                                                                                          | 3.4  | 4.0        | 4.6 | 2.9                                                                                        | 4.2 | 5.3        | - |
| 88                                                                                                                                                                          | 2.4  | 2.9        | 3.4 | 1.9                                                                                        | 3.2 | 4.2        | - |
| 96                                                                                                                                                                          | -    | 2.0        | 2.4 | -                                                                                          | 2.2 | 3.1        | - |
| 104                                                                                                                                                                         | -    | -          | 1.6 | -                                                                                          | -   | 2.3        | - |

|                                                                                                                                                                                 |      |            |      |                                                                                             |     |            |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|------|---------------------------------------------------------------------------------------------|-----|------------|---|
|  114.5 ft                                                                                    |      |            |      |  34.1 ft |     |            |   |
|   27.9 ft |      | 0° 20° 40° |      | 52.5 ft                                                                                     |     | 0° 20° 40° |   |
| ft                                                                                                                                                                              |      | 1,000 lb   |      | ft                                                                                          |     | 1,000 lb   |   |
| 28                                                                                                                                                                              | 20.1 | -          | -    | 10.6                                                                                        | -   | -          | - |
| 32                                                                                                                                                                              | 19.2 | -          | -    | 10.4                                                                                        | -   | -          | - |
| 36                                                                                                                                                                              | 17.0 | -          | -    | 10.4                                                                                        | -   | -          | - |
| 40                                                                                                                                                                              | 15.6 | 16.3       | -    | 10.3                                                                                        | -   | -          | - |
| 48                                                                                                                                                                              | 12.6 | 13.1       | 13.4 | 9.6                                                                                         | -   | -          | - |
| 56                                                                                                                                                                              | 9.6  | 10.6       | 10.8 | 8.5                                                                                         | 7.7 | -          | - |
| 64                                                                                                                                                                              | 7.4  | 8.2        | 8.9  | 7.0                                                                                         | 7.2 | 6.0        | - |
| 72                                                                                                                                                                              | 5.6  | 6.4        | 6.9  | 5.3                                                                                         | 6.6 | 5.7        | - |
| 80                                                                                                                                                                              | 4.2  | 4.9        | 5.3  | 4.1                                                                                         | 5.3 | 5.6        | - |
| 88                                                                                                                                                                              | 3.2  | 3.6        | 4.0  | 3.2                                                                                         | 4.0 | 5.1        | - |
| 96                                                                                                                                                                              | 2.2  | 2.7        | 2.9  | 2.4                                                                                         | 3.1 | 3.9        | - |
| 104                                                                                                                                                                             | -    | 1.9        | 2.1  | 1.6                                                                                         | 2.3 | 3.0        | - |

|                                                                                             |      |            |      |         |     |            |   |
|---------------------------------------------------------------------------------------------|------|------------|------|---------|-----|------------|---|
|  27.9 ft |      | 0° 20° 40° |      | 52.5 ft |     | 0° 20° 40° |   |
| ft                                                                                          |      | 1,000 lb   |      | ft      |     | 1,000 lb   |   |
| 10                                                                                          | 29.5 | -          | -    | 18.1    | -   | -          | - |
| 12                                                                                          | 29.5 | -          | -    | 17.8    | -   | -          | - |
| 14                                                                                          | 29.5 | -          | -    | 17.5    | -   | -          | - |
| 16                                                                                          | 29.4 | 21.8       | -    | 17.1    | -   | -          | - |
| 18                                                                                          | 27.9 | 21.0       | -    | 16.2    | -   | -          | - |
| 20                                                                                          | 26.2 | 20.2       | -    | 15.3    | -   | -          | - |
| 24                                                                                          | 23.7 | 18.8       | 16.0 | 13.5    | -   | -          | - |
| 28                                                                                          | 21.5 | 17.6       | 15.3 | 12.2    | 9.6 | -          | - |
| 32                                                                                          | 19.6 | 16.5       | 14.8 | 11.0    | 8.9 | -          | - |
| 36                                                                                          | 18.1 | 15.8       | 14.4 | 10.2    | 8.4 | -          | - |
| 40                                                                                          | 16.7 | 15.1       | 14.1 | 9.4     | 7.9 | 6.8        | - |
| 48                                                                                          | 13.6 | -          | -    | 8.1     | 7.1 | 6.3        | - |
| 56                                                                                          | -    | -          | -    | 7.1     | 6.4 | 5.8        | - |
| 64                                                                                          | -    | -          | -    | 6.5     | 5.8 | 5.6        | - |
| 72                                                                                          | -    | -          | -    | 5.7     | 5.7 | -          | - |



|  26,700 lb                                                                         |          |  22.6 ft x 21.3 ft |        | 360°   |        | ASME B30.5 |         |         |         |         |         |         |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------|--------|--------|------------|---------|---------|---------|---------|---------|---------|-------------------------------------------------------------------------------------|
|   | 34.1ft   | 45.6ft                                                                                              | 57.1ft | 68.6ft | 80.1ft | 91.5ft     | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                     |        |        |        |            |         |         |         |         |         |         | ft                                                                                  |
| 10                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | -      | -          | -       | -       | -       | -       | -       | -       | 10                                                                                  |
| 12                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | -      | -          | -       | -       | -       | -       | -       | -       | 12                                                                                  |
| 14                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | 58.6   | -          | -       | -       | -       | -       | -       | -       | 14                                                                                  |
| 16                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | 58.6   | -          | -       | -       | -       | -       | -       | -       | 16                                                                                  |
| 18                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.1   | 57.3   | 47.9       | -       | -       | -       | -       | -       | -       | 18                                                                                  |
| 20                                                                                                                                                                  | 58.2     | 58.3                                                                                                | 58.1   | 57.0   | 55.2   | 47.0       | 38.1    | -       | -       | -       | -       | -       | 20                                                                                  |
| 24                                                                                                                                                                  | 51.9     | 52.8                                                                                                | 51.2   | 50.4   | 48.6   | 44.4       | 35.0    | 31.1    | -       | -       | -       | -       | 24                                                                                  |
| 28                                                                                                                                                                  | 43.6     | 44.5                                                                                                | 44.5   | 44.1   | 42.8   | 41.1       | 31.4    | 29.6    | 24.4    | -       | -       | -       | 28                                                                                  |
| 32                                                                                                                                                                  | -        | 37.8                                                                                                | 37.8   | 37.4   | 37.5   | 36.4       | 28.4    | 27.0    | 23.8    | 19.7    | -       | -       | 32                                                                                  |
| 36                                                                                                                                                                  | -        | 32.0                                                                                                | 32.1   | 31.7   | 32.5   | 31.2       | 25.8    | 24.6    | 22.4    | 19.3    | 16.1    | -       | 36                                                                                  |
| 40                                                                                                                                                                  | -        | -                                                                                                   | 27.8   | 27.6   | 27.2   | 26.3       | 24.2    | 22.4    | 20.9    | 18.8    | 15.8    | 12.1    | 40                                                                                  |
| 48                                                                                                                                                                  | -        | -                                                                                                   | 20.9   | 20.9   | 20.3   | 20.0       | 20.2    | 18.4    | 17.8    | 17.1    | 15.2    | 11.5    | 48                                                                                  |
| 56                                                                                                                                                                  | -        | -                                                                                                   | -      | 16.2   | 16.6   | 16.4       | 15.5    | 15.4    | 14.6    | 14.5    | 14.2    | 11.0    | 56                                                                                  |
| 64                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 13.6   | 13.2       | 13.0    | 12.5    | 12.4    | 12.0    | 11.8    | 10.5    | 64                                                                                  |
| 72                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 11.1   | 11.3       | 10.9    | 10.6    | 10.0    | 9.8     | 9.3     | 8.9     | 72                                                                                  |
| 80                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | 9.4        | 9.0     | 8.8     | 8.3     | 7.9     | 7.9     | 7.1     | 80                                                                                  |
| 88                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | -          | 7.7     | 7.3     | 6.8     | 6.7     | 6.3     | 5.7     | 88                                                                                  |
| 96                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | -          | 6.5     | 6.1     | 5.6     | 5.6     | 5.0     | 4.4     | 96                                                                                  |
| 104                                                                                                                                                                 | -        | -                                                                                                   | -      | -      | -      | -          | -       | 5.0     | 4.5     | 4.5     | 3.9     | 3.4     | 104                                                                                 |
| 112                                                                                                                                                                 | -        | -                                                                                                   | -      | -      | -      | -          | -       | -       | 3.7     | 3.7     | 3.0     | 2.4     | 112                                                                                 |
| 120                                                                                                                                                                 | -        | -                                                                                                   | -      | -      | -      | -          | -       | -       | -       | 2.9     | 2.3     | -       | 120                                                                                 |
| 128                                                                                                                                                                 | -        | -                                                                                                   | -      | -      | -      | -          | -       | -       | -       | 2.3     | -       | -       | 128                                                                                 |
| 1)                                                                                                                                                                  | 27.1     | 20.3                                                                                                | 15.9   | 13.0   | 10.1   | 7.9        | 6.0     | 4.2     | 2.9     | 2.0     | -       | -       | 1)                                                                                  |

|  20,700 lb                                                                           |          |  22.6 ft x 21.3 ft |        | 360°   |        | ASME B30.5 |         |         |         |         |         |         |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------|--------|--------|--------|------------|---------|---------|---------|---------|---------|---------|---------------------------------------------------------------------------------------|
|   | 34.1ft   | 45.6ft                                                                                                | 57.1ft | 68.6ft | 80.1ft | 91.5ft     | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft |  |
| ft                                                                                                                                                                      | 1,000 lb |                                                                                                       |        |        |        |            |         |         |         |         |         |         | ft                                                                                    |
| 10                                                                                                                                                                      | 58.6     | 58.6                                                                                                  | 58.6   | 58.6   | -      | -          | -       | -       | -       | -       | -       | -       | 10                                                                                    |
| 12                                                                                                                                                                      | 58.6     | 58.6                                                                                                  | 58.6   | 58.6   | -      | -          | -       | -       | -       | -       | -       | -       | 12                                                                                    |
| 14                                                                                                                                                                      | 58.6     | 58.6                                                                                                  | 58.6   | 58.6   | 58.6   | -          | -       | -       | -       | -       | -       | -       | 14                                                                                    |
| 16                                                                                                                                                                      | 58.6     | 58.6                                                                                                  | 58.6   | 58.6   | 58.6   | -          | -       | -       | -       | -       | -       | -       | 16                                                                                    |
| 18                                                                                                                                                                      | 58.6     | 58.6                                                                                                  | 58.6   | 58.1   | 57.3   | 47.9       | -       | -       | -       | -       | -       | -       | 18                                                                                    |
| 20                                                                                                                                                                      | 58.1     | 58.1                                                                                                  | 58.1   | 57.0   | 55.2   | 47.0       | 38.1    | -       | -       | -       | -       | -       | 20                                                                                    |
| 24                                                                                                                                                                      | 50.1     | 50.9                                                                                                  | 50.5   | 49.8   | 47.7   | 44.2       | 35.0    | 31.1    | -       | -       | -       | -       | 24                                                                                    |
| 28                                                                                                                                                                      | 41.0     | 42.0                                                                                                  | 42.1   | 41.6   | 39.8   | 38.7       | 31.4    | 29.6    | 24.4    | -       | -       | -       | 28                                                                                    |
| 32                                                                                                                                                                      | -        | 34.1                                                                                                  | 34.1   | 34.5   | 34.4   | 32.4       | 28.4    | 27.0    | 23.8    | 19.7    | -       | -       | 32                                                                                    |
| 36                                                                                                                                                                      | -        | 28.4                                                                                                  | 28.9   | 29.5   | 29.0   | 27.7       | 25.7    | 24.3    | 22.4    | 19.3    | 16.1    | -       | 36                                                                                    |
| 40                                                                                                                                                                      | -        | -                                                                                                     | 24.6   | 24.6   | 24.2   | 23.3       | 23.9    | 21.6    | 20.8    | 18.8    | 15.8    | 12.1    | 40                                                                                    |
| 48                                                                                                                                                                      | -        | -                                                                                                     | 18.4   | 18.4   | 18.6   | 18.4       | 17.7    | 17.3    | 16.6    | 16.2    | 15.0    | 11.5    | 48                                                                                    |
| 56                                                                                                                                                                      | -        | -                                                                                                     | -      | 14.9   | 14.8   | 14.3       | 14.4    | 13.7    | 13.7    | 13.4    | 12.7    | 11.0    | 56                                                                                    |
| 64                                                                                                                                                                      | -        | -                                                                                                     | -      | -      | 11.8   | 11.9       | 11.6    | 11.3    | 11.0    | 10.5    | 10.1    | 9.1     | 64                                                                                    |
| 72                                                                                                                                                                      | -        | -                                                                                                     | -      | -      | 9.9    | 9.7        | 9.5     | 9.1     | 8.7     | 8.6     | 8.2     | 7.1     | 72                                                                                    |
| 80                                                                                                                                                                      | -        | -                                                                                                     | -      | -      | -      | 8.1        | 7.9     | 7.3     | 7.0     | 7.0     | 6.4     | 5.5     | 80                                                                                    |
| 88                                                                                                                                                                      | -        | -                                                                                                     | -      | -      | -      | -          | 6.4     | 5.9     | 5.5     | 5.5     | 4.9     | 4.3     | 88                                                                                    |
| 96                                                                                                                                                                      | -        | -                                                                                                     | -      | -      | -      | -          | 5.3     | 4.7     | 4.4     | 4.3     | 3.9     | 3.2     | 96                                                                                    |
| 104                                                                                                                                                                     | -        | -                                                                                                     | -      | -      | -      | -          | -       | 3.8     | 3.4     | 3.4     | 3.0     | 2.3     | 104                                                                                   |
| 112                                                                                                                                                                     | -        | -                                                                                                     | -      | -      | -      | -          | -       | -       | 2.6     | 2.6     | 2.2     | -       | 112                                                                                   |
| 120                                                                                                                                                                     | -        | -                                                                                                     | -      | -      | -      | -          | -       | -       | -       | 2.1     | -       | -       | 120                                                                                   |
| 1)                                                                                                                                                                      | 27.1     | 20.3                                                                                                  | 15.2   | 11.7   | 9.0    | 6.6        | 4.9     | 3.3     | 2.2     | -       | -       | -       | 1)                                                                                    |

1) Capacities with horizontal boom

|  10,400 lb                                                                         |          |  22.6 ft x 21.3 ft |        |        |        |        |         | 360°    |         |         |         | ASME B30.5 |                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|-------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                              | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                     |        |        |        |        |         |         |         |         |         |            | ft                                                                                  |  |
| 10                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                  |  |
| 12                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                  |  |
| 14                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | 58.6   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                  |  |
| 16                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | 58.6   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                  |  |
| 18                                                                                                                                                                  | 58.4     | 58.6                                                                                                | 57.7   | 56.5   | 54.5   | 47.9   | -       | -       | -       | -       | -       | -          | 18                                                                                  |  |
| 20                                                                                                                                                                  | 57.1     | 57.7                                                                                                | 55.7   | 53.3   | 49.2   | 46.5   | 38.1    | -       | -       | -       | -       | -          | 20                                                                                  |  |
| 24                                                                                                                                                                  | 43.7     | 45.2                                                                                                | 44.4   | 41.7   | 40.8   | 37.9   | 34.5    | 30.8    | -       | -       | -       | -          | 24                                                                                  |  |
| 28                                                                                                                                                                  | 32.8     | 34.4                                                                                                | 34.5   | 35.1   | 33.3   | 30.8   | 29.2    | 27.4    | 24.4    | -       | -       | -          | 28                                                                                  |  |
| 32                                                                                                                                                                  | -        | 27.5                                                                                                | 28.4   | 28.2   | 27.5   | 26.2   | 25.4    | 23.6    | 22.4    | 19.7    | -       | -          | 32                                                                                  |  |
| 36                                                                                                                                                                  | -        | 23.0                                                                                                | 23.7   | 23.5   | 23.0   | 22.9   | 21.9    | 20.9    | 19.9    | 18.1    | 16.1    | -          | 36                                                                                  |  |
| 40                                                                                                                                                                  | -        | -                                                                                                   | 19.6   | 19.5   | 20.1   | 19.4   | 19.2    | 18.4    | 18.0    | 17.1    | 15.6    | 12.1       | 40                                                                                  |  |
| 48                                                                                                                                                                  | -        | -                                                                                                   | 14.8   | 15.1   | 14.8   | 15.1   | 14.6    | 14.4    | 14.0    | 13.1    | 12.3    | 10.9       | 48                                                                                  |  |
| 56                                                                                                                                                                  | -        | -                                                                                                   | -      | 11.5   | 11.7   | 11.5   | 11.3    | 10.9    | 10.6    | 10.3    | 9.2     | 8.1        | 56                                                                                  |  |
| 64                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 9.3    | 9.0    | 8.8     | 8.4     | 8.0     | 7.9     | 7.0     | 5.7        | 64                                                                                  |  |
| 72                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 7.3    | 7.1    | 6.9     | 6.4     | 6.0     | 6.0     | 5.1     | 4.0        | 72                                                                                  |  |
| 80                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | 5.6    | 5.3     | 4.9     | 4.6     | 4.6     | 3.8     | 2.9        | 80                                                                                  |  |
| 88                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | -      | 4.3     | 3.8     | 3.4     | 3.4     | 2.7     | -          | 88                                                                                  |  |
| 96                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | -      | 3.3     | 2.9     | 2.4     | 2.4     | 1.8     | -          | 96                                                                                  |  |
| 104                                                                                                                                                                 | -        | -                                                                                                   | -      | -      | -      | -      | -       | 2.1     | 1.6     | -       | -       | -          | 104                                                                                 |  |
| 1)                                                                                                                                                                  | 27.1     | 17.2                                                                                                | 12.1   | 8.8    | 6.6    | 4.4    | 3.1     | 1.5     | -       | -       | -       | -          | 1)                                                                                  |  |

|  7,100 lb                                                                             |          |  22.6 ft x 21.3 ft |        |        |        |        |         | 360°    |         |         |         | ASME B30.5 |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|---------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                               | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                      | 1,000 lb |                                                                                                      |        |        |        |        |         |         |         |         |         |            | ft                                                                                    |  |
| 10                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                    |  |
| 12                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                    |  |
| 14                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | 58.6   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                    |  |
| 16                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | 58.6   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                    |  |
| 18                                                                                                                                                                      | 57.9     | 58.3                                                                                                 | 56.5   | 54.6   | 52.6   | 46.7   | -       | -       | -       | -       | -       | -          | 18                                                                                    |  |
| 20                                                                                                                                                                      | 55.8     | 56.7                                                                                                 | 53.2   | 49.3   | 45.7   | 44.0   | 38.0    | -       | -       | -       | -       | -          | 20                                                                                    |  |
| 24                                                                                                                                                                      | 40.4     | 41.8                                                                                                 | 41.0   | 39.6   | 37.7   | 34.7   | 32.7    | 30.0    | -       | -       | -       | -          | 24                                                                                    |  |
| 28                                                                                                                                                                      | 30.2     | 31.5                                                                                                 | 32.8   | 32.4   | 30.6   | 28.8   | 28.0    | 25.9    | 23.4    | -       | -       | -          | 28                                                                                    |  |
| 32                                                                                                                                                                      | -        | 25.4                                                                                                 | 26.1   | 25.9   | 25.2   | 25.0   | 23.8    | 22.6    | 21.7    | 19.2    | -       | -          | 32                                                                                    |  |
| 36                                                                                                                                                                      | -        | 21.0                                                                                                 | 21.7   | 21.5   | 21.6   | 21.4   | 20.6    | 19.7    | 19.0    | 17.2    | 15.3    | -          | 36                                                                                    |  |
| 40                                                                                                                                                                      | -        | -                                                                                                    | 17.9   | 18.6   | 18.3   | 18.1   | 18.1    | 17.5    | 16.6    | 15.4    | 14.0    | 12.0       | 40                                                                                    |  |
| 48                                                                                                                                                                      | -        | -                                                                                                    | 13.4   | 13.8   | 13.9   | 13.6   | 13.6    | 13.1    | 12.5    | 12.1    | 11.0    | 9.5        | 48                                                                                    |  |
| 56                                                                                                                                                                      | -        | -                                                                                                    | -      | 10.5   | 10.7   | 10.5   | 10.3    | 9.8     | 9.4     | 9.0     | 8.0     | 6.7        | 56                                                                                    |  |
| 64                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | 8.4    | 8.0    | 7.9     | 7.5     | 7.0     | 6.8     | 5.9     | 4.7        | 64                                                                                    |  |
| 72                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | 6.4    | 6.2    | 6.0     | 5.6     | 5.1     | 5.1     | 4.2     | 3.1        | 72                                                                                    |  |
| 80                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | 4.9    | 4.7     | 4.2     | 3.8     | 3.8     | 2.9     | -          | 80                                                                                    |  |
| 88                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | -      | 3.6     | 3.2     | 2.7     | 2.7     | 1.9     | -          | 88                                                                                    |  |
| 96                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | -      | 2.7     | 2.2     | 1.8     | -       | -       | -          | 96                                                                                    |  |
| 1)                                                                                                                                                                      | 24.9     | 15.7                                                                                                 | 11.0   | 7.7    | 5.7    | 3.7    | 2.4     | -       | -       | -       | -       | -          | 1)                                                                                    |  |

1) Capacities with horizontal boom

|  26,700 lb                                                                         |          |  22.6 ft x 14.8 ft |         | 360°    |         | ASME B30.5 |          |          |          |          |          |          |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|---------|---------|---------|------------|----------|----------|----------|----------|----------|----------|-------------------------------------------------------------------------------------|
|   | 34.1 ft  | 45.6 ft                                                                                             | 57.1 ft | 68.6 ft | 80.1 ft | 91.5 ft    | 103.0 ft | 114.5 ft | 126.0 ft | 137.5 ft | 149.0 ft | 164.0 ft |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                     |         |         |         |            |          |          |          |          |          |          | ft                                                                                  |
| 10                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6    | 58.6    | -       | -          | -        | -        | -        | -        | -        | -        | 10                                                                                  |
| 12                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6    | 58.6    | -       | -          | -        | -        | -        | -        | -        | -        | 12                                                                                  |
| 14                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6    | 58.6    | 58.3    | -          | -        | -        | -        | -        | -        | -        | 14                                                                                  |
| 16                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6    | 56.6    | 53.0    | -          | -        | -        | -        | -        | -        | -        | 16                                                                                  |
| 18                                                                                                                                                                  | 53.4     | 54.0                                                                                                | 53.7    | 50.6    | 46.5    | 44.4       | -        | -        | -        | -        | -        | -        | 18                                                                                  |
| 20                                                                                                                                                                  | 46.8     | 48.1                                                                                                | 47.5    | 44.2    | 42.8    | 39.5       | 36.7     | -        | -        | -        | -        | -        | 20                                                                                  |
| 24                                                                                                                                                                  | 34.2     | 35.3                                                                                                | 36.4    | 36.4    | 34.6    | 32.6       | 30.8     | 28.4     | -        | -        | -        | -        | 24                                                                                  |
| 28                                                                                                                                                                  | 26.3     | 27.8                                                                                                | 28.4    | 28.3    | 27.8    | 27.3       | 26.2     | 24.9     | 22.7     | -        | -        | -        | 28                                                                                  |
| 32                                                                                                                                                                  | -        | 22.4                                                                                                | 22.8    | 22.9    | 23.1    | 22.8       | 22.4     | 21.7     | 20.8     | 18.8     | -        | -        | 32                                                                                  |
| 36                                                                                                                                                                  | -        | 18.7                                                                                                | 19.3    | 19.8    | 19.6    | 19.4       | 19.4     | 19.0     | 18.4     | 17.1     | 15.3     | -        | 36                                                                                  |
| 40                                                                                                                                                                  | -        | -                                                                                                   | 16.4    | 16.6    | 16.8    | 16.6       | 16.4     | 16.2     | 15.8     | 15.4     | 14.1     | 12.0     | 40                                                                                  |
| 48                                                                                                                                                                  | -        | -                                                                                                   | 12.4    | 12.6    | 12.6    | 12.5       | 12.4     | 12.0     | 11.7     | 11.7     | 11.3     | 10.4     | 48                                                                                  |
| 56                                                                                                                                                                  | -        | -                                                                                                   | -       | 9.7     | 9.9     | 9.7        | 9.5      | 9.3      | 9.0      | 9.0      | 8.5      | 8.0      | 56                                                                                  |
| 64                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | 7.9     | 7.7        | 7.6      | 7.2      | 7.0      | 7.0      | 6.6      | 5.9      | 64                                                                                  |
| 72                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | 6.4     | 6.2        | 6.0      | 5.8      | 5.5      | 5.5      | 5.1      | 4.4      | 72                                                                                  |
| 80                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | 5.1        | 4.9      | 4.7      | 4.3      | 4.3      | 4.0      | 3.1      | 80                                                                                  |
| 88                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | 4.0      | 3.7      | 3.5      | 3.5      | 3.0      | 2.2      | 88                                                                                  |
| 96                                                                                                                                                                  | -        | -                                                                                                   | -       | -       | -       | -          | 3.3      | 3.0      | 2.7      | 2.7      | 2.2      | -        | 96                                                                                  |
| 104                                                                                                                                                                 | -        | -                                                                                                   | -       | -       | -       | -          | -        | 2.3      | 1.9      | 1.9      | -        | -        | 104                                                                                 |
| 1)                                                                                                                                                                  | 22.0     | 14.3                                                                                                | 10.1    | 7.5     | 5.7     | 4.2        | 3.1      | 1.8      | -        | -        | -        | -        | 1)                                                                                  |

|  20,700 lb                                                                            |          |  22.6 ft x 14.8 ft |        |        |        |        |         | 360°    |         |         |         | ASME B30.5 |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|---------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                               | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                      | 1,000 lb |                                                                                                      |        |        |        |        |         |         |         |         |         |            | ft                                                                                    |  |
| 10                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                    |  |
| 12                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                    |  |
| 14                                                                                                                                                                      | 58.6     | 58.6                                                                                                 | 58.6   | 57.5   | 54.6   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                    |  |
| 16                                                                                                                                                                      | 58.6     | 58.5                                                                                                 | 55.2   | 51.3   | 48.3   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                    |  |
| 18                                                                                                                                                                      | 50.6     | 51.1                                                                                                 | 48.5   | 44.8   | 43.0   | 39.5   | -       | -       | -       | -       | -       | -          | 18                                                                                    |  |
| 20                                                                                                                                                                      | 41.1     | 42.4                                                                                                 | 41.9   | 40.7   | 37.7   | 35.4   | 33.4    | -       | -       | -       | -       | -          | 20                                                                                    |  |
| 24                                                                                                                                                                      | 29.9     | 31.6                                                                                                 | 32.0   | 32.0   | 30.4   | 29.5   | 28.0    | 26.2    | -       | -       | -       | -          | 24                                                                                    |  |
| 28                                                                                                                                                                      | 22.9     | 24.3                                                                                                 | 24.9   | 24.7   | 25.2   | 24.6   | 23.6    | 22.8    | 21.3    | -       | -       | -          | 28                                                                                    |  |
| 32                                                                                                                                                                      | -        | 19.6                                                                                                 | 20.0   | 20.5   | 20.5   | 20.4   | 20.3    | 19.6    | 18.5    | 17.1    | -       | -          | 32                                                                                    |  |
| 36                                                                                                                                                                      | -        | 16.3                                                                                                 | 17.0   | 17.3   | 17.5   | 17.3   | 17.2    | 16.7    | 15.9    | 15.1    | 13.8    | -          | 36                                                                                    |  |
| 40                                                                                                                                                                      | -        | -                                                                                                    | 14.2   | 14.5   | 14.7   | 14.5   | 14.2    | 14.0    | 13.6    | 13.4    | 12.3    | 11.2       | 40                                                                                    |  |
| 48                                                                                                                                                                      | -        | -                                                                                                    | 10.5   | 10.8   | 10.9   | 10.8   | 10.5    | 10.3    | 10.0    | 10.0    | 9.4     | 8.4        | 48                                                                                    |  |
| 56                                                                                                                                                                      | -        | -                                                                                                    | -      | 8.3    | 8.3    | 8.3    | 8.1     | 7.8     | 7.4     | 7.4     | 7.1     | 6.1        | 56                                                                                    |  |
| 64                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | 6.5    | 6.5    | 6.3     | 6.1     | 5.6     | 5.6     | 5.2     | 4.3        | 64                                                                                    |  |
| 72                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | 5.3    | 5.1    | 4.9     | 4.7     | 4.4     | 4.4     | 3.8     | 2.9        | 72                                                                                    |  |
| 80                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | 4.1    | 4.0     | 3.6     | 3.4     | 3.4     | 2.7     | -          | 80                                                                                    |  |
| 88                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | -      | 3.1     | 2.8     | 2.4     | 2.4     | -       | -          | 88                                                                                    |  |
| 96                                                                                                                                                                      | -        | -                                                                                                    | -      | -      | -      | -      | 2.4     | 2.0     | -       | -       | -       | -          | 96                                                                                    |  |
| 1)                                                                                                                                                                      | 19.2     | 12.1                                                                                                 | 8.6    | 6.2    | 4.6    | 3.3    | 2.2     | -       | -       | -       | -       | -          | 1)                                                                                    |  |

1) Capacities with horizontal boom

|  10,400 lb                                                                         |          |  22.6 ft x 14.8 ft |        |        |        |        | 360°    |         |         |         |         | ASME B30.5 |                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|-------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                              | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                     |        |        |        |        |         |         |         |         |         |            | ft                                                                                  |  |
| 10                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 58.6   | 58.6   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                  |  |
| 12                                                                                                                                                                  | 58.6     | 58.6                                                                                                | 57.9   | 56.1   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                  |  |
| 14                                                                                                                                                                  | 57.7     | 55.5                                                                                                | 52.0   | 48.2   | 44.4   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                  |  |
| 16                                                                                                                                                                  | 48.9     | 47.4                                                                                                | 44.3   | 41.5   | 38.0   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                  |  |
| 18                                                                                                                                                                  | 39.5     | 39.8                                                                                                | 39.0   | 36.2   | 33.7   | 32.1   | -       | -       | -       | -       | -       | -          | 18                                                                                  |  |
| 20                                                                                                                                                                  | 31.6     | 33.6                                                                                                | 33.7   | 31.5   | 30.6   | 28.7   | 26.9    | -       | -       | -       | -       | -          | 20                                                                                  |  |
| 24                                                                                                                                                                  | 22.6     | 24.3                                                                                                | 24.9   | 25.6   | 24.5   | 23.5   | 22.3    | 20.8    | -       | -       | -       | -          | 24                                                                                  |  |
| 28                                                                                                                                                                  | 17.0     | 18.5                                                                                                | 19.5   | 19.7   | 19.9   | 19.3   | 18.4    | 17.2    | 16.1    | -       | -       | -          | 28                                                                                  |  |
| 32                                                                                                                                                                  | -        | 14.6                                                                                                | 15.5   | 15.7   | 15.9   | 15.7   | 15.4    | 14.4    | 13.5    | 13.1    | -       | -          | 32                                                                                  |  |
| 36                                                                                                                                                                  | -        | 12.0                                                                                                | 12.8   | 13.1   | 13.3   | 13.1   | 12.8    | 12.3    | 11.5    | 11.2    | 10.1    | -          | 36                                                                                  |  |
| 40                                                                                                                                                                  | -        | -                                                                                                   | 10.5   | 10.8   | 11.0   | 10.8   | 10.5    | 10.3    | 9.7     | 9.5     | 8.4     | 7.3        | 40                                                                                  |  |
| 48                                                                                                                                                                  | -        | -                                                                                                   | 7.6    | 7.8    | 8.0    | 7.8    | 7.6     | 7.3     | 6.9     | 6.9     | 6.0     | 4.7        | 48                                                                                  |  |
| 56                                                                                                                                                                  | -        | -                                                                                                   | -      | 5.8    | 5.9    | 5.8    | 5.7     | 5.2     | 5.0     | 4.8     | 3.9     | 2.8        | 56                                                                                  |  |
| 64                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 4.5    | 4.2    | 4.2     | 3.8     | 3.6     | 3.4     | 2.5     | -          | 64                                                                                  |  |
| 72                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | 3.3    | 3.3    | 3.1     | 2.9     | 2.4     | 2.2     | -       | -          | 72                                                                                  |  |
| 80                                                                                                                                                                  | -        | -                                                                                                   | -      | -      | -      | 2.5    | 2.3     | -       | -       | -       | -       | -          | 80                                                                                  |  |
| 1)                                                                                                                                                                  | 13.9     | 8.8                                                                                                 | 6.2    | 4.2    | 2.9    | 1.8    | -       | -       | -       | -       | -       | -          | 1)                                                                                  |  |

|  7,100 lb                                                                            |          |  22.6 ft x 14.8 ft |        |        |        |        | 360°    |         |         |         |         | ASME B30.5 |                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|--------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                              | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                    | 1,000 lb |                                                                                                     |        |        |        |        |         |         |         |         |         |            | ft                                                                                   |  |
| 10                                                                                                                                                                    | 58.6     | 58.6                                                                                                | 58.6   | 58.2   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                   |  |
| 12                                                                                                                                                                    | 58.6     | 58.0                                                                                                | 56.3   | 51.8   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                   |  |
| 14                                                                                                                                                                    | 55.0     | 52.1                                                                                                | 47.5   | 44.6   | 40.5   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                   |  |
| 16                                                                                                                                                                    | 44.5     | 43.1                                                                                                | 41.1   | 37.8   | 35.3   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                   |  |
| 18                                                                                                                                                                    | 35.9     | 36.4                                                                                                | 35.6   | 33.0   | 31.5   | 29.6   | -       | -       | -       | -       | -       | -          | 18                                                                                   |  |
| 20                                                                                                                                                                    | 28.6     | 30.4                                                                                                | 30.6   | 29.7   | 27.8   | 26.5   | 24.5    | -       | -       | -       | -       | -          | 20                                                                                   |  |
| 24                                                                                                                                                                    | 20.3     | 22.0                                                                                                | 22.9   | 23.3   | 22.6   | 21.2   | 20.1    | 18.7    | -       | -       | -       | -          | 24                                                                                   |  |
| 28                                                                                                                                                                    | 15.1     | 16.6                                                                                                | 17.5   | 17.8   | 18.0   | 17.4   | 16.6    | 15.5    | 14.5    | -       | -       | -          | 28                                                                                   |  |
| 32                                                                                                                                                                    | -        | 13.0                                                                                                | 13.9   | 14.1   | 14.3   | 14.1   | 13.8    | 12.8    | 12.0    | 11.5    | -       | -          | 32                                                                                   |  |
| 36                                                                                                                                                                    | -        | 10.6                                                                                                | 11.5   | 11.7   | 11.8   | 11.6   | 11.5    | 10.8    | 10.1    | 9.7     | 8.6     | -          | 36                                                                                   |  |
| 40                                                                                                                                                                    | -        | -                                                                                                   | 9.5    | 9.7    | 9.7    | 9.5    | 9.5     | 9.0     | 8.4     | 8.2     | 7.1     | 6.0        | 40                                                                                   |  |
| 48                                                                                                                                                                    | -        | -                                                                                                   | 6.7    | 6.9    | 6.9    | 6.8    | 6.7     | 6.3     | 6.1     | 5.6     | 4.7     | 3.5        | 48                                                                                   |  |
| 56                                                                                                                                                                    | -        | -                                                                                                   | -      | 5.0    | 5.1    | 5.0    | 4.8     | 4.6     | 4.1     | 3.7     | 2.9     | -          | 56                                                                                   |  |
| 64                                                                                                                                                                    | -        | -                                                                                                   | -      | -      | 3.8    | 3.6    | 3.5     | 3.1     | 2.7     | 2.4     | -       | -          | 64                                                                                   |  |
| 72                                                                                                                                                                    | -        | -                                                                                                   | -      | -      | 2.9    | 2.7    | 2.4     | 2.0     | 1.6     | -       | -       | -          | 72                                                                                   |  |
| 1)                                                                                                                                                                    | 12.3     | 7.7                                                                                                 | 5.3    | 3.5    | 2.4    | -      | -       | -       | -       | -       | -       | -          | 1)                                                                                   |  |

1) Capacities with horizontal boom

|  18,700 lb                                                                         |          |  22.6 ft x 9.8 ft |        |        |        |        |         | 360°    |         |         |         | ASME B30.5 |                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|-------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                             | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                    |        |        |        |        |         |         |         |         |         |            | ft                                                                                  |  |
| 12                                                                                                                                                                  | 54.1     | 50.1                                                                                               | 47.1   | 43.2   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                  |  |
| 14                                                                                                                                                                  | 43.5     | 42.5                                                                                               | 39.8   | 37.2   | 35.1   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                  |  |
| 16                                                                                                                                                                  | 34.6     | 36.0                                                                                               | 34.3   | 32.6   | 31.0   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                  |  |
| 18                                                                                                                                                                  | 28.8     | 30.5                                                                                               | 30.0   | 29.1   | 27.6   | 26.1   | -       | -       | -       | -       | -       | -          | 18                                                                                  |  |
| 20                                                                                                                                                                  | 23.7     | 25.5                                                                                               | 26.3   | 25.6   | 24.5   | 23.2   | 21.5    | -       | -       | -       | -       | -          | 20                                                                                  |  |
| 24                                                                                                                                                                  | 17.6     | 19.0                                                                                               | 19.9   | 20.1   | 19.9   | 18.9   | 17.9    | 16.7    | -       | -       | -       | -          | 24                                                                                  |  |
| 28                                                                                                                                                                  | 13.5     | 14.8                                                                                               | 15.7   | 15.9   | 16.1   | 15.7   | 14.9    | 13.9    | 13.1    | -       | -       | -          | 28                                                                                  |  |
| 32                                                                                                                                                                  | -        | 11.8                                                                                               | 12.7   | 12.9   | 12.9   | 12.9   | 12.6    | 11.7    | 11.0    | 10.5    | -       | -          | 32                                                                                  |  |
| 36                                                                                                                                                                  | -        | 9.7                                                                                                | 10.5   | 10.7   | 10.8   | 10.7   | 10.6    | 10.0    | 9.3     | 9.0     | 8.1     | -          | 36                                                                                  |  |
| 40                                                                                                                                                                  | -        | -                                                                                                  | 8.6    | 8.8    | 9.0    | 8.8    | 8.8     | 8.4     | 7.8     | 7.5     | 6.6     | 5.5        | 40                                                                                  |  |
| 48                                                                                                                                                                  | -        | -                                                                                                  | 6.3    | 6.5    | 6.6    | 6.3    | 6.3     | 5.9     | 5.7     | 5.4     | 4.4     | 3.3        | 48                                                                                  |  |
| 56                                                                                                                                                                  | -        | -                                                                                                  | -      | 4.7    | 4.9    | 4.7    | 4.6     | 4.3     | 3.9     | 3.6     | 2.7     | -          | 56                                                                                  |  |
| 64                                                                                                                                                                  | -        | -                                                                                                  | -      | -      | 3.6    | 3.5    | 3.3     | 3.1     | 2.6     | 2.3     | -       | -          | 64                                                                                  |  |
| 72                                                                                                                                                                  | -        | -                                                                                                  | -      | -      | 2.7    | 2.4    | 2.4     | 2.0     | -       | -       | -       | -          | 72                                                                                  |  |
| 1)                                                                                                                                                                  | 11.2     | 7.1                                                                                                | 5.1    | 3.3    | 2.2    | -      | -       | -       | -       | -       | -       | -          | 1)                                                                                  |  |

|  10,400 lb                                                                         |          |  22.6 ft x 9.8 ft |        |        |        |        | 360°    |         |         |         |         | ASME B30.5 |                                                                                     |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|-------------------------------------------------------------------------------------|--|
|   | 34.1ft   | 45.6ft                                                                                             | 57.1ft | 68.6ft | 80.1ft | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft    |  |  |
| ft                                                                                                                                                                  | 1,000 lb |                                                                                                    |        |        |        |        |         |         |         |         |         |            | ft                                                                                  |  |
| 10                                                                                                                                                                  | 54.2     | 49.9                                                                                               | 45.8   | 39.8   | -      | -      | -       | -       | -       | -       | -       | -          | 10                                                                                  |  |
| 12                                                                                                                                                                  | 42.9     | 40.6                                                                                               | 37.7   | 35.5   | -      | -      | -       | -       | -       | -       | -       | -          | 12                                                                                  |  |
| 14                                                                                                                                                                  | 34.3     | 33.8                                                                                               | 32.3   | 30.2   | 27.9   | -      | -       | -       | -       | -       | -       | -          | 14                                                                                  |  |
| 16                                                                                                                                                                  | 27.1     | 28.5                                                                                               | 27.5   | 26.1   | 24.7   | -      | -       | -       | -       | -       | -       | -          | 16                                                                                  |  |
| 18                                                                                                                                                                  | 22.4     | 24.0                                                                                               | 24.1   | 23.0   | 21.9   | 20.3   | -       | -       | -       | -       | -       | -          | 18                                                                                  |  |
| 20                                                                                                                                                                  | 18.3     | 19.8                                                                                               | 20.9   | 20.1   | 19.3   | 18.0   | 16.5    | -       | -       | -       | -       | -          | 20                                                                                  |  |
| 24                                                                                                                                                                  | 13.1     | 14.7                                                                                               | 15.5   | 15.7   | 15.5   | 14.5   | 13.6    | 12.6    | -       | -       | -       | -          | 24                                                                                  |  |
| 28                                                                                                                                                                  | 9.8      | 11.3                                                                                               | 12.1   | 12.3   | 12.4   | 11.9   | 11.2    | 10.3    | 9.5     | -       | -       | -          | 28                                                                                  |  |
| 32                                                                                                                                                                  | -        | 8.8                                                                                                | 9.5    | 9.7    | 9.9    | 9.7    | 9.4     | 8.5     | 7.8     | 7.4     | -       | -          | 32                                                                                  |  |
| 36                                                                                                                                                                  | -        | 7.1                                                                                                | 7.8    | 8.0    | 8.2    | 8.0    | 7.9     | 7.1     | 6.4     | 6.0     | 5.1     | -          | 36                                                                                  |  |
| 40                                                                                                                                                                  | -        | -                                                                                                  | 6.2    | 6.4    | 6.7    | 6.4    | 6.4     | 5.8     | 5.1     | 4.7     | 3.8     | -          | 40                                                                                  |  |
| 48                                                                                                                                                                  | -        | -                                                                                                  | 4.3    | 4.5    | 4.7    | 4.4    | 4.4     | 3.9     | 3.1     | 2.9     | -       | -          | 48                                                                                  |  |
| 56                                                                                                                                                                  | -        | -                                                                                                  | -      | 3.2    | 3.3    | 3.1    | 2.9     | 2.4     | -       | -       | -       | -          | 56                                                                                  |  |
| 64                                                                                                                                                                  | -        | -                                                                                                  | -      | -      | 2.2    | 2.0    | 1.8     | -       | -       | -       | -       | -          | 64                                                                                  |  |
| 1)                                                                                                                                                                  | 7.9      | 4.9                                                                                                | 3.3    | 2.0    | -      | -      | -       | -       | -       | -       | -       | -          | 1)                                                                                  |  |

1) Capacities with horizontal boom

|  7,100 lb |                                                                                   |  22.6 ft x 9.8 ft |        | 360°   |        | ASME B30.5 |        |         |         |         |         |         |         |                                                                                     |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------|--------|--------|------------|--------|---------|---------|---------|---------|---------|---------|-------------------------------------------------------------------------------------|
|           |  | 34.1ft                                                                                             | 45.6ft | 57.1ft | 68.6ft | 80.1ft     | 91.5ft | 103.0ft | 114.5ft | 126.0ft | 137.5ft | 149.0ft | 164.0ft |  |
| ft                                                                                         |                                                                                   | 1,000 lb                                                                                           |        |        |        |            |        |         |         |         |         |         |         | ft                                                                                  |
| 10                                                                                         |                                                                                   | 48.7                                                                                               | 45.3   | 41.3   | 35.6   | -          | -      | -       | -       | -       | -       | -       | -       | 10                                                                                  |
| 12                                                                                         |                                                                                   | 38.5                                                                                               | 36.5   | 34.6   | 32.0   | -          | -      | -       | -       | -       | -       | -       | -       | 12                                                                                  |
| 14                                                                                         |                                                                                   | 30.7                                                                                               | 30.3   | 29.0   | 27.2   | 25.0       | -      | -       | -       | -       | -       | -       | -       | 14                                                                                  |
| 16                                                                                         |                                                                                   | 24.1                                                                                               | 25.6   | 24.8   | 23.4   | 22.0       | -      | -       | -       | -       | -       | -       | -       | 16                                                                                  |
| 18                                                                                         |                                                                                   | 19.8                                                                                               | 21.5   | 21.6   | 20.6   | 19.5       | 18.2   | -       | -       | -       | -       | -       | -       | 18                                                                                  |
| 20                                                                                         |                                                                                   | 16.1                                                                                               | 17.7   | 18.6   | 18.0   | 17.1       | 16.0   | 14.7    | -       | -       | -       | -       | -       | 20                                                                                  |
| 24                                                                                         |                                                                                   | 11.4                                                                                               | 13.0   | 13.8   | 14.0   | 13.6       | 12.8   | 12.1    | 11.1    | -       | -       | -       | -       | 24                                                                                  |
| 28                                                                                         |                                                                                   | 8.4                                                                                                | 9.8    | 10.5   | 10.7   | 10.9       | 10.4   | 9.8     | 8.9     | 8.1     | -       | -       | -       | 28                                                                                  |
| 32                                                                                         |                                                                                   | -                                                                                                  | 7.5    | 8.3    | 8.5    | 8.8        | 8.5    | 8.0     | 7.2     | 6.5     | 6.2     | -       | -       | 32                                                                                  |
| 36                                                                                         |                                                                                   | -                                                                                                  | 6.0    | 6.8    | 7.0    | 7.2        | 7.0    | 6.6     | 5.9     | 5.2     | 4.9     | 3.8     | -       | 36                                                                                  |
| 40                                                                                         |                                                                                   | -                                                                                                  | -      | 5.4    | 5.6    | 5.8        | 5.6    | 5.4     | 4.7     | 4.0     | 3.6     | -       | -       | 40                                                                                  |
| 48                                                                                         |                                                                                   | -                                                                                                  | -      | 3.6    | 3.8    | 3.8        | 3.8    | 3.6     | 2.9     | -       | -       | -       | -       | 48                                                                                  |
| 56                                                                                         |                                                                                   | -                                                                                                  | -      | -      | 2.4    | 2.6        | 2.4    | 2.2     | -       | -       | -       | -       | -       | 56                                                                                  |
| 1)                                                                                         |                                                                                   | 6.6                                                                                                | 4.0    | 2.6    | -      | -          | -      | -       | -       | -       | -       | -       | -       | 1)                                                                                  |



Ratings are in compliance with ASME B30.5.

Lifting capacities do not exceed 85 % of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

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

## Basic machine

### Equipment carrier

|                                        |                                                                                                                                                                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engine 260-4</b>                    | Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 <sup>1</sup> /min (348 HP), torque 1400 Nm / 1200-1600 <sup>1</sup> /min; The engine complies with EU Stage IV/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.                  |
| <b>Fuel tank</b>                       | 103 gallons Diesel (no RME / biodiesel); 11 gallons AdBlue tank.                                                                                                                                                                                         |
| <b>Transmission AS-Tronic</b>          | ZF AS-Tronic; Automated gearbox with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable off-road gear and switchable longitudinal lock.                                                                                              |
| <b>Axles 6 x 4 x 6</b>                 | 6 x 4 x 6; 3 axles, axles 1 and 3 driven and equipped with selectable transverse lock; All axles steered.                                                                                                                                                |
| <b>Suspension</b>                      | Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.                                                                                                                              |
| <b>Steering</b>                        | Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.                                                                                                                                                            |
| <b>Brakes</b>                          | Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; additional, double-speed decompression brake; Spring-loaded parking brake.                                                                                 |
| <b>Tire size 385/95 R25 (14.00R25)</b> | Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"; TechKing ETCRANE 170F; or similar.                                                                                                                                                              |
| <b>Cab 2550</b>                        | Type 8.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary/passenger seat; Powered door windows; Tinted glass; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating. |
| <b>Heating engine-dependent</b>        | Engine-dependent warm water heating with 12 kW heating power.                                                                                                                                                                                            |
| <b>Aircondition</b>                    | Aircondition for carrier cab with 7 kW rated cooling power.                                                                                                                                                                                              |
| <b>Drive lights</b>                    | Including low beam, upper beam, daytime running lights, fog lights and cornering lights.                                                                                                                                                                 |
| <b>Outriggers</b>                      | H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 9.8 ft, 14.8 ft and 21.3 ft.                                                                                         |
| <b>Outrigger pads 020</b>              | 4 round outrigger pads A = 0.66 ft <sup>2</sup> with transport position at vertical cylinder.                                                                                                                                                            |
| <b>Outrigger basis monitoring</b>      | Individual monitoring of horizontal stroke; Deviation warning in crane cab.                                                                                                                                                                              |
| <b>Outrigger load indicator</b>        | The outrigger load is indicated in the operator cab and the outrigger control box.                                                                                                                                                                       |
| <b>Electronic immobiliser system</b>   | Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.                                                                                                                                                                                       |
| <b>Pneumatic tire filling plug</b>     | Pneumatic tire filling plug for self-filling of the wheels.                                                                                                                                                                                              |
| <b>Contour safety marking</b>          | Continuous reflective strips on the sides of the chassis and on the rear.                                                                                                                                                                                |

### Equipment superstructure

|                                   |                                                                                                                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Telescopic boom HA50</b>       | 34.1 ft - 164.0 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 87,100 lb.                                    |
| <b>Boom luffing</b>               | 1 luffing cylinder with automatic lowering brake valve.                                                                                                                                                                           |
| <b>Rotary drive</b>               | Single slewing gear unit with spring-loaded multi-disc brake.                                                                                                                                                                     |
| <b>H1</b>                         | Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator).                                                                                                                                                   |
| <b>Counterweight 10,400 lb</b>    | 10,400 lb; 4 pieces; Automatic rigging system.                                                                                                                                                                                    |
| <b>Control system</b>             | Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.                                                                           |
| <b>Operator aids</b>              | IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger. |
| <b>Working range limiter</b>      | Displaying and programmability of the work range limits by IC-1.                                                                                                                                                                  |
| <b>Hook height indication</b>     | Displaying and programmability of the hook height H1 by IC-1.                                                                                                                                                                     |
| <b>Cab 875</b>                    | 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.                       |
| <b>Heating engine-independent</b> | Engine-independent warm water heating with 5 kW heating power.                                                                                                                                                                    |
| <b>Aircondition</b>               | Aircondition in crane cab with 5 kW rated cooling power.                                                                                                                                                                          |
| <b>Anemometer</b>                 | Removable, to be used with all extensions.                                                                                                                                                                                        |

## Additional equipment

### Carrier

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engine 260-3; ECE R96</b>     | Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 1/min (348 HP), torque 1400 Nm / 1200-1600 1/min; The engine complies with ECE R96 (equivalent to former regulation EU Stage III A / Tier 3); Exhaust system complete stainless steel incl. spark arrester. |
| <b>Axles 6 x 6 x 6</b>           | 6 x 6 x 6; All 3 axles steered, axles 1 and 3 permanently driven, axle 2 shiftable, all axles equipped with selectable transverse lock.                                                                                                                         |
| <b>Wear-free auxiliary brake</b> | Wear-free auxiliary eddy-current brake at 3rd axle.                                                                                                                                                                                                             |
| <b>Tires</b>                     | 6 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).                                                                                                                                                                                                    |

### Superstructure

|                                           |                                                                                                                                    |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>2. hoist (H2)</b>                      | 2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring. |
| <b>Additional counterweight 16,300 lb</b> | Additional counterweight 16,300 lb, 3 pieces; for total 26,700 lb, 7 pieces.                                                       |
| <b>Load supervision camera</b>            | Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.              |

### Handling

|                                  |                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Remote control</b>            | Control of superstructure movements via wireless remote control.                                                                                                                                                                                                                                                                                                                     |
| <b>Moving out of crane cab</b>   | Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.                                                                                                                                                                                                                                                                                   |
| <b>IC-1 Plus incl. Flex Base</b> | Smart crane control system for main boom and runner configuration enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Flexible and independent outrigger positioning possible. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation. |
| <b>IC-1 Remote</b>               | IC-1 Remote, Demag telematic system.                                                                                                                                                                                                                                                                                                                                                 |

### Extensions

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>HAV 29.5 ft</b> | 29.5 ft; Lattice swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage.                              |
| <b>HAV 52.5 ft</b> | 52.5 ft; Double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage; Includes HAV 29.5 ft. |
| <b>MS (runner)</b> | 4.9 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 58,700 lb lifting capacity.                            |

### Hook Blocks

|                             |                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VarioHook 50-3B-18-D</b> | 50-3B-18-D (662 lb - 1320 lb); Hook block with adjustable ballast and ramshorn hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes. |
| <b>VarioHook 50-3B-18-E</b> | 50-3B-18-E (662 lb - 1,320 lb); Hook block with adjustable ballast and single hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes.  |
| <b>Hook block 20-1-18-E</b> | 20-1-18-E (662 lb); Hook block with single hook; white with red signal stripes.                                                                                   |
| <b>Hook 8-0V-18-E</b>       | 8-0V-18-E (375 lb); 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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