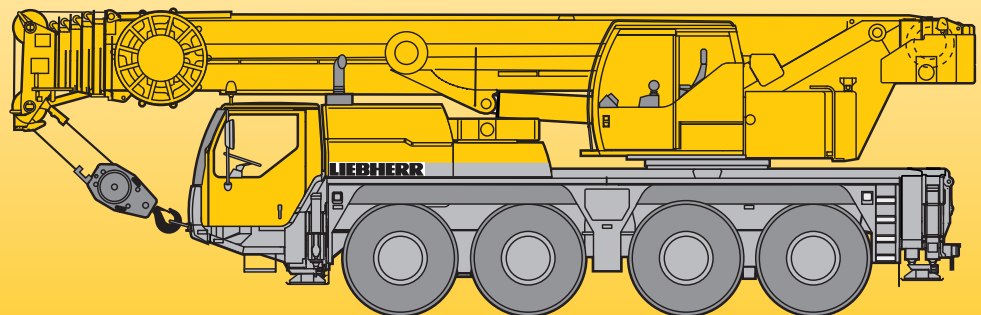


# Mobile Crane Grue mobile

# LTM 1070-4.2

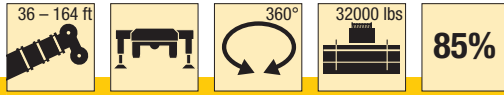
**Technical Data**  
**Caractéristiques techniques**



# LIEBHERR

# Lifting capacities on telescopic boom

## Forces de levage à la flèche télescopique

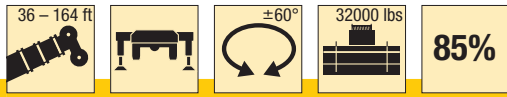


| ft  | 36 ft |       | 48 ft | 60 ft | 72 ft | 83 ft | 95 ft | 107 ft | 118 ft | 130 ft | 142 ft | 154 ft | 164 ft | ft  |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
|     | *     |       |       |       |       |       |       |        |        |        |        |        |        |     |
| 9   | 144.6 |       |       |       |       |       |       |        |        |        |        |        |        | 9   |
| 10  | 133.6 | 111.5 | 111.3 | 107.4 |       |       |       |        |        |        |        |        |        | 10  |
| 11  | 124.1 | 105.2 | 105   | 104.6 | 86.2  | 70.5  |       |        |        |        |        |        |        | 11  |
| 12  | 115.7 | 99.4  | 99.2  | 99.6  | 85.2  | 69.9  |       |        |        |        |        |        |        | 12  |
| 13  | 108.3 | 94.1  | 94.1  | 94.4  | 84.2  | 69.4  | 56.5  |        |        |        |        |        |        | 13  |
| 14  | 101.7 | 89.3  | 89.2  | 89.6  | 83.2  | 68.8  | 56.2  |        |        |        |        |        |        | 14  |
| 15  | 95.4  | 84.8  | 84.7  | 85.1  | 82.2  | 68.2  | 55.8  | 45.5   |        |        |        |        |        | 15  |
| 16  | 89.1  | 80.4  | 80.4  | 80.8  | 80    | 67.5  | 55.4  | 45.3   | 36     |        |        |        |        | 16  |
| 17  | 83.4  | 76.4  | 77.4  | 76.9  | 77.2  | 66.5  | 55.1  | 45.1   | 35.9   |        |        |        |        | 17  |
| 18  | 78.4  | 72.7  | 73.6  | 73.8  | 73.8  | 65.4  | 54.7  | 44.8   | 35.8   |        |        |        |        | 18  |
| 19  | 73.8  | 69.3  | 70.3  | 70.7  | 70.4  | 64.4  | 54.3  | 44.5   | 35.7   |        |        |        |        | 19  |
| 20  | 69.8  | 66.2  | 67.1  | 67.4  | 67.3  | 63.3  | 53.9  | 44.3   | 35.5   |        |        |        |        | 20  |
| 22  | 62.7  | 60.6  | 61.5  | 61.8  | 61.8  | 61.2  | 53.2  | 43.7   | 35.3   | 28.7   | 22.5   |        |        | 22  |
| 24  | 56.6  | 55.2  | 56.3  | 56.7  | 56.6  | 57.3  | 52.5  | 42.4   | 35.1   | 28.6   | 22.4   |        |        | 24  |
| 26  | 51.3  | 50.4  | 51.4  | 51.9  | 52.5  | 52.7  | 50.5  | 40.6   | 34.9   | 28.3   | 22.3   | 17.6   |        | 26  |
| 28  | 46.7  | 46.3  | 47.4  | 47.8  | 48.7  | 48.5  | 46.3  | 38.8   | 34     | 28.1   | 22     | 17.5   | 14.7   | 28  |
| 30  |       |       | 44.1  | 44    | 45    | 44.7  | 42.4  | 37.1   | 32.9   | 27.8   | 21.7   | 17.4   | 14.7   | 30  |
| 32  |       |       | 40.6  | 41.3  | 41.5  | 41.1  | 38.8  | 35.5   | 31.8   | 27.2   | 21.5   | 17.2   | 14.6   | 32  |
| 34  |       |       | 37.4  | 38.1  | 38.3  | 38    | 35.8  | 33.9   | 30.6   | 26.5   | 21.1   | 17.1   | 14.5   | 34  |
| 36  |       |       | 34.4  | 35.3  | 35.4  | 35.1  | 33.4  | 32.5   | 29.5   | 25.7   | 20.7   | 16.9   | 14.4   | 36  |
| 38  |       |       | 31.4  | 32.4  | 32.6  | 32.3  | 31    | 30.3   | 28.1   | 25     | 20.3   | 16.7   | 14.3   | 38  |
| 40  |       |       | 28.8  | 29.8  | 30    | 29.7  | 28.9  | 28.3   | 26.9   | 24.2   | 19.8   | 16.4   | 14.3   | 40  |
| 45  |       |       |       | 24.6  | 24.8  | 25    | 24.9  | 24.3   | 23.5   | 22.1   | 18.7   | 15.7   | 13.8   | 45  |
| 50  |       |       |       |       | 20.7  | 21.3  | 21.1  | 21.3   | 20.7   | 20.3   | 19     | 17.6   | 14.9   | 50  |
| 55  |       |       |       |       |       | 18.2  | 18.6  | 18.3   | 17.9   | 17.6   | 17.1   | 16.2   | 14.1   | 55  |
| 60  |       |       |       |       |       | 15.9  | 16.2  | 15.9   | 15.9   | 15.6   | 15.4   | 14.3   | 13.3   | 60  |
| 65  |       |       |       |       |       |       | 14.2  | 13.9   | 14     | 13.8   | 13.5   | 12.6   | 12.3   | 65  |
| 70  |       |       |       |       |       |       | 12.6  | 12.3   | 12.6   | 12.2   | 11.8   | 11.7   | 11.1   | 70  |
| 75  |       |       |       |       |       |       | 11.3  | 11.1   | 11.2   | 10.8   | 10.5   | 10.4   | 9.8    | 75  |
| 80  |       |       |       |       |       |       |       | 10.3   | 10     | 10     | 9.7    | 9.2    | 8.6    | 80  |
| 85  |       |       |       |       |       |       |       |        | 9.3    | 9      | 8.7    | 8.2    | 7.6    | 85  |
| 90  |       |       |       |       |       |       |       |        |        | 8.2    | 8.1    | 7.7    | 7.3    | 90  |
| 95  |       |       |       |       |       |       |       |        |        | 7.4    | 7.2    | 6.9    | 6.5    | 95  |
| 100 |       |       |       |       |       |       |       |        |        |        | 6.5    | 6.1    | 5.8    | 100 |
| 105 |       |       |       |       |       |       |       |        |        |        |        | 5.8    | 5.4    | 105 |
| 110 |       |       |       |       |       |       |       |        |        |        |        |        | 5.3    | 110 |
| 115 |       |       |       |       |       |       |       |        |        |        |        |        |        | 115 |
| 120 |       |       |       |       |       |       |       |        |        |        |        |        |        | 120 |
| 125 |       |       |       |       |       |       |       |        |        |        |        |        |        | 125 |
| 130 |       |       |       |       |       |       |       |        |        |        |        |        |        | 130 |

\* over rear - en arrière

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# Lifting capacities on telescopic boom Forces de levage à la flèche télescopique



|     | 36 ft | 48 ft | 60 ft | 72 ft | 83 ft | 95 ft | 107 ft | 118 ft | 130 ft | 142 ft | 154 ft | 164 ft |     |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
| 10  | 111.5 | 111.3 | 107.4 |       |       |       |        |        |        |        |        |        | 10  |
| 11  | 105.2 | 105.0 | 104.6 | 86.2  | 70.5  |       |        |        |        |        |        |        | 11  |
| 12  | 99.4  | 99.2  | 99.6  | 85.2  | 69.9  |       |        |        |        |        |        |        | 12  |
| 13  | 94.1  | 94.1  | 94.4  | 84.2  | 69.4  | 56.5  |        |        |        |        |        |        | 13  |
| 14  | 89.3  | 89.2  | 89.6  | 83.2  | 68.8  | 56.2  |        |        |        |        |        |        | 14  |
| 15  | 84.8  | 84.7  | 85.1  | 82.2  | 68.2  | 55.8  | 45.5   |        |        |        |        |        | 15  |
| 16  | 80.4  | 80.4  | 80.8  | 80.0  | 67.5  | 55.4  | 45.3   | 36.0   |        |        |        |        | 16  |
| 17  | 76.4  | 77.4  | 76.9  | 77.2  | 66.5  | 55.1  | 45.1   | 35.9   |        |        |        |        | 17  |
| 18  | 72.7  | 73.6  | 73.8  | 73.8  | 65.4  | 54.7  | 44.8   | 35.8   |        |        |        |        | 18  |
| 19  | 69.3  | 70.3  | 70.7  | 70.4  | 64.4  | 54.3  | 44.5   | 35.7   |        |        |        |        | 19  |
| 20  | 66.2  | 67.1  | 67.4  | 67.3  | 63.3  | 53.9  | 44.3   | 35.5   |        |        |        |        | 20  |
| 22  | 60.6  | 61.5  | 61.8  | 61.8  | 61.2  | 53.2  | 43.7   | 35.3   | 28.7   | 22.5   |        |        | 22  |
| 24  | 55.2  | 56.3  | 56.7  | 56.6  | 57.3  | 52.5  | 42.4   | 35.1   | 28.6   | 22.4   |        |        | 24  |
| 26  | 50.4  | 51.4  | 51.9  | 52.5  | 52.7  | 51.2  | 40.6   | 34.9   | 28.3   | 22.3   | 17.6   |        | 26  |
| 28  | 46.3  | 47.4  | 47.8  | 48.7  | 48.5  | 47.9  | 38.8   | 34.0   | 28.1   | 22.0   | 17.5   | 14.7   | 28  |
| 30  |       | 44.2  | 44.1  | 45.0  | 44.8  | 44.4  | 37.1   | 32.9   | 27.8   | 21.7   | 17.4   | 14.7   | 30  |
| 32  |       | 40.8  | 41.4  | 41.7  | 41.4  | 41.0  | 35.5   | 31.8   | 27.2   | 21.5   | 17.2   | 14.6   | 32  |
| 34  |       | 37.9  | 38.6  | 38.7  | 38.5  | 37.9  | 34.1   | 30.6   | 26.5   | 21.1   | 17.1   | 14.5   | 34  |
| 36  |       | 35.2  | 36.0  | 36.1  | 35.9  | 35.2  | 32.6   | 29.5   | 25.7   | 20.7   | 16.9   | 14.4   | 36  |
| 38  |       | 32.7  | 33.6  | 33.7  | 33.5  | 33.0  | 31.4   | 28.5   | 25.0   | 20.3   | 16.7   | 14.3   | 38  |
| 40  |       | 30.4  | 31.3  | 31.4  | 31.2  | 30.8  | 29.9   | 27.5   | 24.2   | 19.8   | 16.4   | 14.3   | 40  |
| 45  |       |       | 26.1  | 26.3  | 26.3  | 25.7  | 25.8   | 24.8   | 22.5   | 18.7   | 15.7   | 13.8   | 45  |
| 50  |       |       | 22.2  | 22.6  | 22.5  | 22.5  | 22.2   | 21.8   | 20.5   | 17.6   | 14.9   | 13.3   | 50  |
| 55  |       |       |       | 19.6  | 19.4  | 19.6  | 19.0   | 19.0   | 18.1   | 16.5   | 14.1   | 12.7   | 55  |
| 60  |       |       |       | 17.1  | 17.3  | 17.2  | 16.7   | 16.5   | 16.2   | 15.4   | 13.3   | 12.0   | 60  |
| 65  |       |       |       |       | 15.4  | 15.1  | 14.9   | 14.6   | 14.7   | 14.0   | 12.4   | 11.3   | 65  |
| 70  |       |       |       |       | 13.7  | 13.4  | 13.5   | 13.3   | 13.0   | 12.2   | 11.7   | 10.6   | 70  |
| 75  |       |       |       |       | 12.2  | 11.7  | 12.1   | 11.7   | 11.4   | 10.9   | 10.8   | 10.0   | 75  |
| 80  |       |       |       |       |       | 10.7  | 10.9   | 10.5   | 10.2   | 10.2   | 9.7    | 9.4    | 80  |
| 85  |       |       |       |       |       | 9.9   | 9.8    | 9.6    | 9.3    | 9.2    | 8.6    | 8.6    | 85  |
| 90  |       |       |       |       |       |       | 9.0    | 9.0    | 8.7    | 8.3    | 7.7    | 7.6    | 90  |
| 95  |       |       |       |       |       |       | 8.2    | 8.2    | 7.8    | 7.5    | 6.9    | 6.8    | 95  |
| 100 |       |       |       |       |       |       |        | 7.4    | 7.0    | 6.7    | 6.1    | 6.1    | 100 |
| 105 |       |       |       |       |       |       |        | 6.7    | 6.3    | 6.0    | 5.4    | 5.4    | 105 |
| 110 |       |       |       |       |       |       |        | 6.1    | 5.7    | 5.3    | 4.8    | 4.8    | 110 |
| 115 |       |       |       |       |       |       |        |        | 5.1    | 4.8    | 4.2    | 4.2    | 115 |
| 120 |       |       |       |       |       |       |        |        | 4.6    | 4.2    | 3.7    | 3.7    | 120 |
| 125 |       |       |       |       |       |       |        |        |        | 3.8    | 3.2    | 3.2    | 125 |
| 130 |       |       |       |       |       |       |        |        |        | 3.3    | 2.8    | 2.8    | 130 |
| 135 |       |       |       |       |       |       |        |        |        |        | 2.4    | 2.4    | 135 |
| 140 |       |       |       |       |       |       |        |        |        |        | 2.1    | 2.0    | 140 |
| 145 |       |       |       |       |       |       |        |        |        |        | 1.7    | 1.7    | 145 |

±60° over rear · ±60° en arrière

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# Lifting capacities on telescopic boom

## Forces de levage à la flèche télescopique







|     | 36 ft | 48 ft | 60 ft | 72 ft | 83 ft | 95 ft | 107 ft | 118 ft | 130 ft | 142 ft | 154 ft | 164 ft |     |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
| 10  | 111.1 | 111   | 107.4 |       |       |       |        |        |        |        |        |        | 10  |
| 11  | 104.7 | 104.5 | 104.2 | 86.2  | 70.5  |       |        |        |        |        |        |        | 11  |
| 12  | 98.9  | 98.7  | 99.1  | 85.2  | 69.9  |       |        |        |        |        |        |        | 12  |
| 13  | 93.5  | 93.5  | 93.9  | 84.2  | 69.4  | 56.5  |        |        |        |        |        |        | 13  |
| 14  | 88.4  | 88.4  | 88.7  | 83.2  | 68.8  | 56.2  |        |        |        |        |        |        | 14  |
| 15  | 83.6  | 83.5  | 83.9  | 81.9  | 68.2  | 55.8  | 45.5   |        |        |        |        |        | 15  |
| 16  | 79.2  | 79.2  | 79.6  | 79.3  | 67.5  | 55.4  | 45.3   | 36     |        |        |        |        | 16  |
| 17  | 75.2  | 76.2  | 75.9  | 76.4  | 66.5  | 55.1  | 45.1   | 35.9   |        |        |        |        | 17  |
| 18  | 71.6  | 72.5  | 72.8  | 72.7  | 65.4  | 54.7  | 44.8   | 35.8   |        |        |        |        | 18  |
| 19  | 68.2  | 69.2  | 69.6  | 69.4  | 64.4  | 54.3  | 44.5   | 35.7   |        |        |        |        | 19  |
| 20  | 65    | 66    | 66.4  | 66.3  | 63.3  | 53.9  | 44.3   | 35.5   |        |        |        |        | 20  |
| 22  | 58.6  | 59.6  | 60.1  | 60    | 59.1  | 53.2  | 43.7   | 35.3   | 28.7   | 22.5   |        |        | 22  |
| 24  | 53.1  | 54.2  | 54.7  | 55    | 52.5  | 49    | 42.4   | 35.1   | 28.6   | 22.4   |        |        | 24  |
| 26  | 48    | 49.5  | 49.8  | 50    | 47.2  | 44    | 40.3   | 34.9   | 28.3   | 22.3   | 17.6   |        | 26  |
| 28  | 43.5  | 45.2  | 45.5  | 45    | 42.6  | 39.9  | 38     | 34     | 28.1   | 22     | 17.5   | 14.7   | 28  |
| 30  |       | 40.8  | 41.7  | 40.9  | 38.7  | 36.7  | 35.4   | 32.9   | 27.8   | 21.7   | 17.4   | 14.7   | 30  |
| 32  |       | 36.4  | 37.3  | 37.3  | 35.4  | 33.8  | 32.5   | 30.6   | 27.2   | 21.5   | 17.2   | 14.6   | 32  |
| 34  |       | 32.7  | 33.7  | 33.9  | 32.8  | 31.8  | 30.1   | 28.9   | 26.5   | 21.1   | 17.1   | 14.5   | 34  |
| 36  |       | 29.6  | 30.6  | 30.8  | 30.7  | 29.6  | 28.1   | 27     | 25.3   | 20.7   | 16.9   | 14.4   | 36  |
| 38  |       | 26.9  | 27.9  | 28.1  | 28.4  | 27.4  | 26.1   | 25.2   | 23.5   | 20.3   | 16.7   | 14.3   | 38  |
| 40  |       | 24.6  | 25.6  | 26.2  | 26.1  | 25.8  | 24.6   | 23.4   | 21.9   | 19.8   | 16.4   | 14.3   | 40  |
| 45  |       |       | 21    | 21.7  | 22    | 21.7  | 20.8   | 19.8   | 19.4   | 18.2   | 15.7   | 13.8   | 45  |
| 50  |       |       | 17.7  | 18.2  | 18.6  | 18.2  | 18.3   | 17.6   | 16.8   | 15.6   | 14.8   | 13.3   | 50  |
| 55  |       |       |       | 15.9  | 15.9  | 15.7  | 15.9   | 15.4   | 14.6   | 14.2   | 13.4   | 12.5   | 55  |
| 60  |       |       |       | 13.8  | 13.7  | 13.8  | 13.8   | 13.4   | 13.1   | 12.6   | 11.6   | 11.2   | 60  |
| 65  |       |       |       |       | 12    | 12.3  | 12     | 12     | 11.5   | 11     | 10.1   | 9.7    | 65  |
| 70  |       |       |       |       | 10.5  | 10.8  | 10.6   | 10.5   | 10.1   | 9.6    | 8.8    | 8.5    | 70  |
| 75  |       |       |       |       | 9.5   | 9.6   | 9.4    | 9.3    | 8.8    | 8.4    | 7.7    | 7.4    | 75  |
| 80  |       |       |       |       |       | 8.6   | 8.4    | 8.2    | 7.8    | 7.4    | 6.7    | 6.4    | 80  |
| 85  |       |       |       |       |       | 7.6   | 7.4    | 7.3    | 6.9    | 6.5    | 5.8    | 5.6    | 85  |
| 90  |       |       |       |       |       |       | 6.6    | 6.4    | 6.1    | 5.7    | 5.1    | 4.9    | 90  |
| 95  |       |       |       |       |       |       | 5.8    | 5.7    | 5.3    | 5      | 4.4    | 4.2    | 95  |
| 100 |       |       |       |       |       |       |        | 5      | 4.6    | 4.3    | 3.8    | 3.6    | 100 |
| 105 |       |       |       |       |       |       |        | 4.4    | 4.1    | 3.7    | 3.2    | 3.1    | 105 |
| 110 |       |       |       |       |       |       |        | 3.9    | 3.5    | 3.2    | 2.6    | 2.6    | 110 |
| 115 |       |       |       |       |       |       |        |        | 3.1    | 2.7    | 2.1    | 2.1    | 115 |
| 120 |       |       |       |       |       |       |        |        | 2.6    | 2.3    |        |        | 120 |
| 125 |       |       |       |       |       |       |        |        |        | 1.8    |        |        | 125 |

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# Lifting capacities on telescopic boom

## Forces de levage à la flèche télescopique

 36 – 164 ft  
  
 ±60°  
 23600 lbs  
**85%**

|     | 36 ft | 48 ft | 60 ft | 72 ft | 83 ft | 95 ft | 107 ft | 118 ft | 130 ft | 142 ft | 154 ft | 164 ft |     |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-----|
| 10  | 111.1 | 111   | 107.4 |       |       |       |        |        |        |        |        |        | 10  |
| 11  | 104.7 | 104.5 | 104.2 | 86.2  | 70.5  |       |        |        |        |        |        |        | 11  |
| 12  | 98.9  | 98.7  | 99.1  | 85.2  | 69.9  |       |        |        |        |        |        |        | 12  |
| 13  | 93.5  | 93.5  | 93.9  | 84.2  | 69.4  | 56.5  |        |        |        |        |        |        | 13  |
| 14  | 88.4  | 88.4  | 88.7  | 83.2  | 68.8  | 56.2  |        |        |        |        |        |        | 14  |
| 15  | 83.6  | 83.5  | 83.9  | 81.9  | 68.2  | 55.8  | 45.5   |        |        |        |        |        | 15  |
| 16  | 79.2  | 79.2  | 79.6  | 79.3  | 67.5  | 55.4  | 45.3   | 36     |        |        |        |        | 16  |
| 17  | 75.2  | 76.2  | 75.9  | 76.4  | 66.5  | 55.1  | 45.1   | 35.9   |        |        |        |        | 17  |
| 18  | 71.6  | 72.5  | 72.8  | 72.7  | 65.4  | 54.7  | 44.8   | 35.8   |        |        |        |        | 18  |
| 19  | 68.2  | 69.2  | 69.6  | 69.4  | 64.4  | 54.3  | 44.5   | 35.7   |        |        |        |        | 19  |
| 20  | 65    | 66    | 66.4  | 66.3  | 63.3  | 53.9  | 44.3   | 35.5   |        |        |        |        | 20  |
| 22  | 58.6  | 59.6  | 60.1  | 60    | 60.5  | 53.2  | 43.7   | 35.3   | 28.7   | 22.5   |        |        | 22  |
| 24  | 53.1  | 54.2  | 54.7  | 55.2  | 55.2  | 51.7  | 42.4   | 35.1   | 28.6   | 22.4   |        |        | 24  |
| 26  | 48    | 49.5  | 49.9  | 50.9  | 50    | 46.9  | 40.6   | 34.9   | 28.3   | 22.3   | 17.6   |        | 26  |
| 28  | 43.6  | 45.6  | 45.7  | 46.7  | 45.5  | 42.7  | 38.8   | 34     | 28.1   | 22     | 17.5   | 14.7   | 28  |
| 30  |       | 41.8  | 42.6  | 42.9  | 41.5  | 39.2  | 36.5   | 32.9   | 27.8   | 21.7   | 17.4   | 14.7   | 30  |
| 32  |       | 38.3  | 39.3  | 39.4  | 38.1  | 36.3  | 35     | 31.8   | 27.2   | 21.5   | 17.2   | 14.6   | 32  |
| 34  |       | 34.8  | 35.7  | 36    | 35.2  | 33.5  | 32.7   | 30.5   | 26.5   | 21.1   | 17.1   | 14.5   | 34  |
| 36  |       | 31.7  | 32.7  | 32.8  | 32.5  | 31.1  | 30.3   | 28.8   | 25.7   | 20.7   | 16.9   | 14.4   | 36  |
| 38  |       | 29    | 29.9  | 30.1  | 30.2  | 29.4  | 28.3   | 27     | 25     | 20.3   | 16.7   | 14.3   | 38  |
| 40  |       | 26.6  | 27.6  | 27.8  | 28    | 27.9  | 26.7   | 25.7   | 24.1   | 19.8   | 16.4   | 14.3   | 40  |
| 45  |       |       | 22.8  | 23.5  | 23.3  | 23.5  | 22.8   | 22     | 20.5   | 18.7   | 15.7   | 13.8   | 45  |
| 50  |       |       | 19.3  | 19.8  | 20.1  | 19.9  | 19.5   | 18.9   | 18.2   | 17.3   | 14.9   | 13.3   | 50  |
| 55  |       |       |       | 17    | 17.4  | 17.1  | 17.1   | 16.7   | 16.3   | 15     | 14.1   | 12.7   | 55  |
| 60  |       |       |       | 15.1  | 15.2  | 14.9  | 15.1   | 14.8   | 14.3   | 13.5   | 13     | 12     | 60  |
| 65  |       |       |       |       | 13.3  | 13.2  | 13.4   | 13     | 12.6   | 12.4   | 11.5   | 11     | 65  |
| 70  |       |       |       |       | 11.8  | 11.9  | 11.9   | 11.5   | 11.2   | 11     | 10.1   | 9.7    | 70  |
| 75  |       |       |       |       | 10.6  | 10.8  | 10.5   | 10.5   | 10.1   | 9.7    | 8.9    | 8.6    | 75  |
| 80  |       |       |       |       |       | 9.7   | 9.4    | 9.4    | 9      | 8.6    | 7.8    | 7.6    | 80  |
| 85  |       |       |       |       |       | 8.7   | 8.5    | 8.4    | 8.1    | 7.6    | 6.9    | 6.7    | 85  |
| 90  |       |       |       |       |       |       | 7.7    | 7.5    | 7.2    | 6.7    | 6.1    | 5.9    | 90  |
| 95  |       |       |       |       |       |       | 6.9    | 6.7    | 6.3    | 6      | 5.4    | 5.2    | 95  |
| 100 |       |       |       |       |       |       |        | 6      | 5.6    | 5.3    | 4.7    | 4.5    | 100 |
| 105 |       |       |       |       |       |       |        | 5.4    | 5      | 4.7    | 4.1    | 3.9    | 105 |
| 110 |       |       |       |       |       |       |        | 4.8    | 4.4    | 4.1    | 3.5    | 3.4    | 110 |
| 115 |       |       |       |       |       |       |        |        | 3.9    | 3.5    | 3      | 3      | 115 |
| 120 |       |       |       |       |       |       |        |        | 3.4    | 3.1    | 2.5    | 2.5    | 120 |
| 125 |       |       |       |       |       |       |        |        |        | 2.6    | 2      | 2      | 125 |
| 130 |       |       |       |       |       |       |        |        |        | 2.2    |        |        | 130 |

±60° over rear · ±60° en arrière

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# Lifting capacities on telescopic boom

## Forces de levage à la flèche télescopique

|    |    | 36 - 60 ft |  | 32000 lbs |  | 85%   |    |
|----|----|------------|--|-----------|--|-------|----|
|    |    | 0°         |  |           |  |       |    |
|    |    | 36 ft      |  | 48 ft     |  | 60 ft |    |
| ft | ft |            |  |           |  |       | ft |
| 10 |    | 34.1       |  | 35.2      |  | 35.6  | 10 |
| 11 |    | 31.7       |  | 32.9      |  | 33.3  | 11 |
| 12 |    | 29.6       |  | 30.8      |  | 31.3  | 12 |
| 13 |    | 27.6       |  | 28.9      |  | 29.4  | 13 |
| 14 |    | 25.9       |  | 27.1      |  | 27.7  | 14 |
| 15 |    | 24.2       |  | 25.5      |  | 26.1  | 15 |
| 16 |    | 22.8       |  | 24.1      |  | 24.6  | 16 |
| 17 |    | 21.4       |  | 22.7      |  | 23.3  | 17 |
| 18 |    | 20.1       |  | 21.4      |  | 22.1  | 18 |
| 19 |    | 19         |  | 20.3      |  | 21    | 19 |
| 20 |    | 17.9       |  | 19.2      |  | 19.9  | 20 |
| 22 |    | 16         |  | 17.3      |  | 18    | 22 |
| 24 |    | 14.4       |  | 15.7      |  | 16.3  | 24 |
| 26 |    | 12.6       |  | 14.3      |  | 14.9  | 26 |
| 28 |    | 10.9       |  | 12.8      |  | 13.6  | 28 |
| 30 |    |            |  | 11.2      |  | 12.1  | 30 |
| 32 |    |            |  | 9.9       |  | 10.8  | 32 |
| 34 |    |            |  | 8.9       |  | 9.7   | 34 |
| 36 |    |            |  | 8         |  | 8.8   | 36 |
| 38 |    |            |  | 7.1       |  | 7.9   | 38 |
| 40 |    |            |  | 6.4       |  | 7.2   | 40 |
| 45 |    |            |  |           |  | 5.6   | 45 |
| 50 |    |            |  |           |  | 4.4   | 50 |

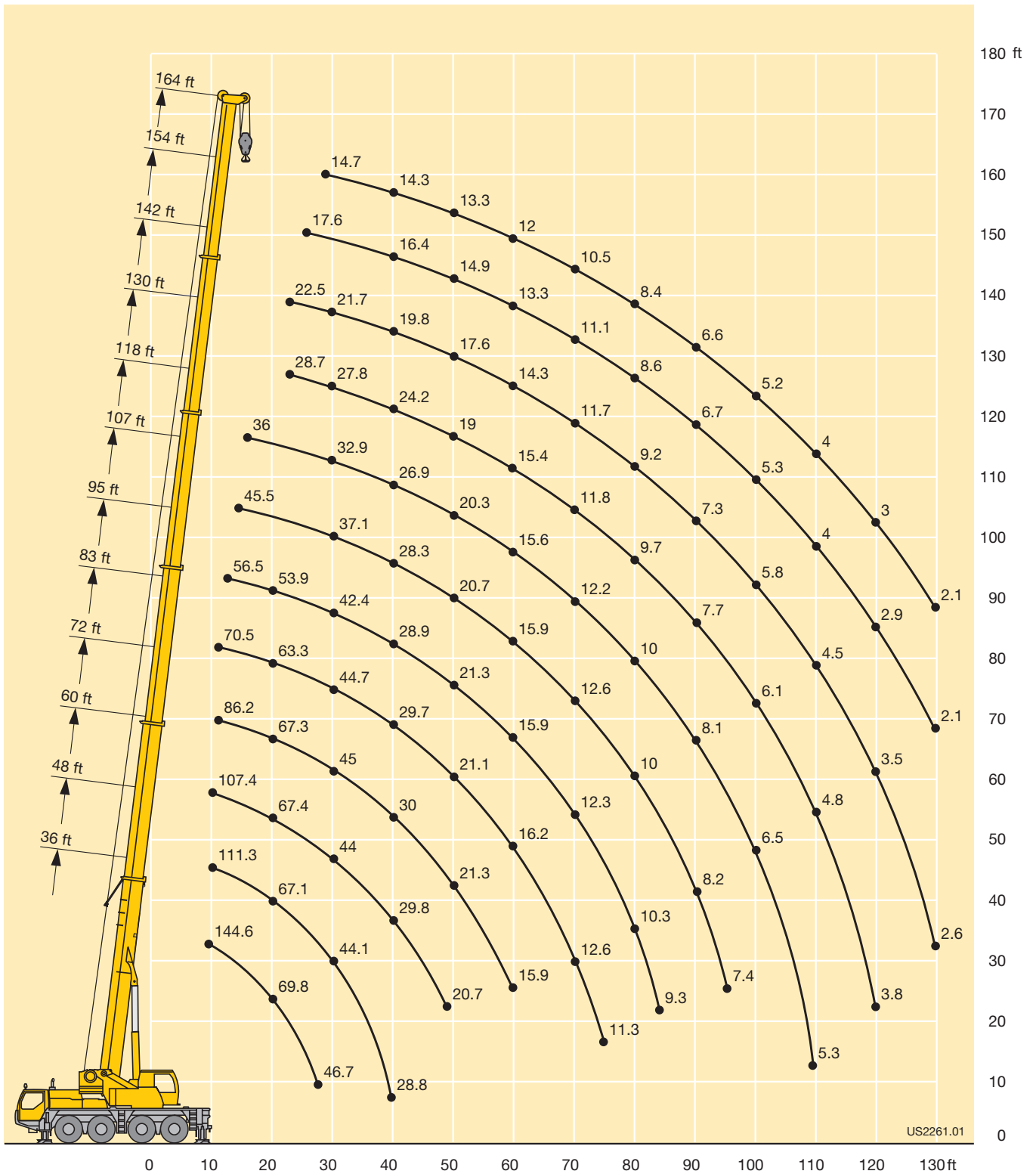
0° = over rear · en arrière

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|    |    | 36 - 60 ft |           | 15200 lbs |           | 12600 lbs |           | 85% |    |
|----|----|------------|-----------|-----------|-----------|-----------|-----------|-----|----|
|    |    | 360°       |           |           |           |           |           |     |    |
|    |    | 36 ft      |           | 48 ft     |           | 60 ft     |           |     |    |
| ft | ft | 15200 lbs  | 12600 lbs | 15200 lbs | 12600 lbs | 15200 lbs | 12600 lbs | ft  | ft |
| 10 |    | 26.7       | 25.1      | 26.5      | 27.2      |           | 26        | 10  |    |
| 11 |    | 23.8       | 21.8      | 23.8      | 23.8      |           | 23.8      | 11  |    |
| 12 |    | 21         | 19        | 20.8      | 21        | 21.6      | 22.1      | 12  |    |
| 13 |    | 18.5       | 16.7      | 20.5      | 18.7      | 19.5      | 19.7      | 13  |    |
| 14 |    | 16.4       | 14.8      | 18.3      | 16.7      | 18.3      | 17.7      | 14  |    |
| 15 |    | 14.6       | 13        | 16.5      | 15        | 17.5      | 15.9      | 15  |    |
| 16 |    | 13         | 11        | 14.9      | 13.6      | 15.8      | 14.5      | 16  |    |
| 17 |    | 11.3       | 9.4       | 13.5      | 12.2      | 14.5      | 13.1      | 17  |    |
| 18 |    | 9.8        | 8         | 12.1      | 10.8      | 13.3      | 11.8      | 18  |    |
| 19 |    | 8.5        | 6.8       | 11        | 9.5       | 12.1      | 10.8      | 19  |    |
| 20 |    | 7.4        | 5.9       | 9.9       | 8.4       | 11        | 9.8       | 20  |    |
| 22 |    | 5.5        | 4.4       | 7.8       | 6.4       | 9.3       | 7.8       | 22  |    |
| 24 |    | 4.2        | 3.3       | 6.1       | 4.9       | 7.6       | 6.2       | 24  |    |
| 26 |    | 3.2        | 2.4       | 4.7       | 3.9       | 6.1       | 4.9       | 26  |    |
| 28 |    | 2.5        | 1.7       | 3.9       | 3.1       | 4.8       | 4         | 28  |    |
| 30 |    |            |           | 3.1       | 2.4       | 3.9       | 3.2       | 30  |    |
| 32 |    |            |           | 2.4       | 1.8       | 3.2       | 2.6       | 32  |    |
| 34 |    |            |           | 1.9       |           | 2.7       | 2         | 34  |    |
| 36 |    |            |           |           |           | 2.2       |           | 36  |    |
| 38 |    |            |           |           |           | 1.7       |           | 38  |    |

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# Lifting heights Hauteurs de levage



# Lifting capacities on the hydraulically or mechanically variable folding jib Forces de levage à la flèche pliante à variation hydraulique ou mécanique



| ft  | 36 ft |      |      |      | 48 ft |      |      |      | 60 ft |      |      |      | 72 ft |      |      |      | 83 ft |      |      |      | 95 ft |      |      |      | ft  |
|-----|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-----|
|     | 31 ft |      |      |      | 31 ft |      |      |      | 31 ft |      |      |      | 31 ft |      |      |      | 31 ft |      |      |      | 31 ft |      |      |      |     |
|     | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  |     |
| 10  | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      |       |      |      |      | 10  |
| 11  | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      |       |      |      |      | 11  |
| 12  | 25    | 21.4 |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 12  |
| 13  | 25    | 20.9 |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 13  |
| 14  | 25    | 20.4 |      |      | 25    | 21   |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 14  |
| 15  | 25    | 19.9 |      |      | 25    | 20.6 |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 15  |
| 16  | 25    | 19.4 |      |      | 25    | 20.2 |      |      | 25    | 20.5 |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 16  |
| 17  | 25    | 19   |      |      | 25    | 19.7 |      |      | 25    | 20.1 |      |      | 25    |      |      |      | 25    |      |      |      | 25    |      |      |      | 17  |
| 18  | 25    | 18.5 |      |      | 25    | 19.3 |      |      | 25    | 19.7 |      |      | 25    | 19.6 |      |      | 25    |      |      |      | 25    |      |      |      | 18  |
| 19  | 25    | 18.1 |      |      | 25    | 19   |      |      | 25    | 19.4 |      |      | 25    | 19.3 |      |      | 25    |      |      |      | 25    |      |      |      | 19  |
| 20  | 24.9  | 17.7 | 14.1 |      | 25    | 18.6 |      |      | 25    | 19   |      |      | 25    | 19   |      |      | 25    | 19   |      |      | 25    |      |      |      | 20  |
| 22  | 24.2  | 17   | 13.7 |      | 25    | 17.9 | 13.9 |      | 25    | 18.4 |      |      | 25    | 18.5 |      |      | 25    | 18.6 |      |      | 24.8  | 17.9 |      |      | 22  |
| 24  | 23.3  | 16.4 | 13.4 |      | 24.9  | 17.2 | 13.7 |      | 25    | 17.9 | 13.8 |      | 25    | 17.9 |      |      | 25    | 18.1 |      |      | 24.5  | 17.5 |      |      | 24  |
| 26  | 22.4  | 15.7 | 13.1 | 10.6 | 24.6  | 16.7 | 13.4 |      | 25    | 17.3 | 13.5 |      | 24.7  | 17.4 | 13.5 |      | 25    | 17.6 |      |      | 24.3  | 17.1 |      |      | 26  |
| 28  | 21.5  | 15.2 | 12.8 | 10.4 | 23.8  | 16.2 | 13.1 | 10.5 | 25    | 16.8 | 13.3 |      | 24.4  | 17   | 13.3 |      | 24.9  | 17.2 | 13.3 |      | 24    | 16.7 |      |      | 28  |
| 30  | 20.6  | 14.8 | 12.4 | 10.2 | 22.9  | 15.6 | 12.9 | 10.4 | 24.9  | 16.3 | 13.1 | 10.5 | 24.1  | 16.5 | 13.1 |      | 24.6  | 16.8 | 13.2 |      | 23.8  | 16.4 | 13   |      | 30  |
| 32  | 19.6  | 14.3 | 12   | 10.1 | 22.1  | 15.2 | 12.6 | 10.3 | 24.2  | 15.9 | 12.9 | 10.4 | 23.8  | 16.1 | 12.9 | 10.4 | 24.1  | 16.4 | 13   |      | 23.5  | 16.1 | 12.7 |      | 32  |
| 34  | 18.5  | 13.9 | 11.8 | 9.9  | 21.3  | 14.8 | 12.3 | 10.1 | 23.4  | 15.5 | 12.7 | 10.2 | 23.4  | 15.7 | 12.6 | 10.3 | 23.7  | 16   | 12.8 | 10.3 | 23.1  | 15.8 | 12.5 |      | 34  |
| 36  | 17.4  | 13.5 | 11.6 | 9.8  | 20.5  | 14.5 | 12   | 10   | 22.6  | 15.1 | 12.5 | 10.1 | 23    | 15.4 | 12.4 | 10.2 | 23.2  | 15.7 | 12.6 | 10.2 | 22.6  | 15.5 | 12.2 | 10.2 | 36  |
| 38  | 16.2  | 13.1 | 11.4 | 9.8  | 19.6  | 14.1 | 11.8 | 9.9  | 21.8  | 14.7 | 12.2 | 10   | 22.4  | 15.1 | 12.1 | 10.1 | 22.8  | 15.4 | 12.4 | 10.1 | 22.2  | 15.2 | 12.1 | 10.1 | 38  |
| 40  | 15.2  | 12.7 | 11.2 | 9.7  | 18.7  | 13.8 | 11.6 | 9.8  | 20.9  | 14.5 | 11.9 | 9.9  | 21.7  | 14.8 | 12   | 10   | 22.3  | 15.1 | 12.2 | 10.1 | 21.7  | 14.9 | 12   | 10   | 40  |
| 45  | 13.2  | 11.8 | 10.7 | 9.6  | 16.4  | 13   | 11.2 | 9.7  | 18.9  | 13.8 | 11.5 | 9.8  | 20    | 14.1 | 11.6 | 9.8  | 21    | 14.4 | 11.8 | 9.9  | 20.6  | 14.4 | 11.6 | 9.9  | 45  |
| 50  | 11.4  | 11.3 | 10.4 | 9.6  | 14.3  | 12.2 | 10.8 | 9.6  | 17.1  | 13.1 | 11.1 | 9.7  | 18.3  | 13.5 | 11.3 | 9.7  | 19.4  | 13.8 | 11.4 | 9.8  | 19.2  | 13.9 | 11.4 | 9.8  | 50  |
| 55  | 10.2  | 10.8 | 10.3 |      | 12.8  | 11.6 | 10.5 | 9.6  | 15.2  | 12.4 | 10.8 | 9.6  | 16.8  | 13   | 11   | 9.7  | 16.9  | 13.3 | 11.2 | 9.7  | 17.2  | 13.4 | 11.2 | 9.7  | 55  |
| 60  | 9.2   |      |      |      | 11.3  | 11.2 | 10.3 | 9.6  | 13.6  | 11.8 | 10.6 | 9.6  | 15.3  | 12.5 | 10.8 | 9.6  | 14.5  | 12.7 | 11   | 9.6  | 15.1  | 12.9 | 11   | 9.6  | 60  |
| 65  |       |      |      |      | 10.3  | 10.8 | 10.3 |      | 12.4  | 11.4 | 10.4 | 9.6  | 13.3  | 11.9 | 10.6 | 9.6  | 12.6  | 12.2 | 10.8 | 9.6  | 13.1  | 12.4 | 10.8 | 9.6  | 65  |
| 70  |       |      |      |      | 9.5   | 10.6 |      |      | 11.1  | 11.1 | 10.3 | 9.6  | 11.7  | 11.4 | 10.4 | 9.6  | 10.9  | 11.6 | 10.6 | 9.6  | 11.5  | 11.9 | 10.7 | 9.6  | 70  |
| 75  |       |      |      |      |       |      |      |      | 10.3  | 10.7 | 10.3 | 9.6  | 10.2  | 10.7 | 10.3 | 9.6  | 9.4   | 10.2 | 10.4 | 9.6  | 10    | 10.8 | 10.5 | 9.6  | 75  |
| 80  |       |      |      |      |       |      |      |      | 9.4   | 9.6  | 9.4  |      | 9     | 9.4  | 9.7  | 9.4  | 8.2   | 8.8  | 9.2  | 9.3  | 8.8   | 9.5  | 9.9  | 9.6  | 80  |
| 85  |       |      |      |      |       |      |      |      |       |      |      |      | 7.9   | 8.3  | 8.4  | 8    | 7.1   | 7.6  | 8    | 8    | 7.7   | 8.3  | 8.7  | 8.8  | 85  |
| 90  |       |      |      |      |       |      |      |      |       |      |      |      | 7     | 7.2  | 7.1  |      | 6.1   | 6.6  | 6.8  | 6.7  | 6.7   | 7.2  | 7.6  | 7.6  | 90  |
| 95  |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 5.3   | 5.7  | 5.8  | 5.4  | 5.9   | 6.3  | 6.6  | 6.6  | 95  |
| 100 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 4.6   | 4.8  | 4.8  |      | 5.2   | 5.5  | 5.7  | 5.6  | 100 |
| 105 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 4     | 4.1  |      |      | 4.5   | 4.8  | 4.9  | 4.7  | 105 |
| 110 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 3.9   | 4.1  | 4.1  |      | 110 |
| 115 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 3.4   | 3.5  | 3.3  |      | 115 |

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# Lifting capacities on the hydraulically or mechanically variable folding jib Forces de levage à la flèche pliante à variation hydraulique ou mécanique



| ft  | 107 ft |      |      |      | 118 ft |      |      |      | 130 ft |      |      |     | 142 ft |     |     |     | 154 ft |     |     |     | 164 ft |     |     |     | ft |     |     |
|-----|--------|------|------|------|--------|------|------|------|--------|------|------|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|----|-----|-----|
|     | 31 ft  |      |      |      | 31 ft  |      |      |      | 31 ft  |      |      |     | 31 ft  |     |     |     | 31 ft  |     |     |     | 31 ft  |     |     |     |    |     |     |
|     | 0°     | 20°  | 40°  | 60°  | 0°     | 20°  | 40°  | 60°  | 0°     | 20°  | 40°  | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° |    |     |     |
| 14  | 24.2   |      |      |      |        |      |      |      |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     | 14 |     |     |
| 15  | 24.1   |      |      |      |        |      |      |      |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     |    | 15  |     |
| 16  | 24     |      |      |      |        |      |      |      |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     |    | 16  |     |
| 17  | 23.9   |      |      |      | 17.7   |      |      |      |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     |    | 17  |     |
| 18  | 23.8   |      |      |      | 17.6   |      |      | 11.7 |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     |    | 18  |     |
| 19  | 23.7   |      |      |      | 17.4   |      |      | 15.3 |        |      |      |     |        |     |     |     |        |     |     |     |        |     |     |     |    | 19  |     |
| 20  | 23.5   |      |      |      | 17.3   |      |      | 15.2 |        |      |      |     | 10.4   |     |     |     |        |     |     |     |        |     |     |     |    | 20  |     |
| 22  | 23.3   |      |      |      | 17.1   |      |      | 15   |        |      |      |     | 10.4   |     |     |     |        |     |     |     |        |     |     |     |    | 22  |     |
| 24  | 23     |      |      |      | 16.8   |      |      | 14.8 |        |      |      |     | 10.4   |     |     |     | 9.3    |     |     |     |        |     |     |     |    | 24  |     |
| 26  | 22.7   | 16.7 |      |      | 16.5   |      |      | 14.6 |        |      |      |     | 10.4   |     |     |     | 9.3    |     |     | 7.9 |        |     |     |     |    | 26  |     |
| 28  | 22.5   | 16.4 |      |      | 16.3   |      |      | 14.4 |        |      |      |     | 10.3   |     |     |     | 9.2    |     |     | 7.8 |        |     |     |     |    | 28  |     |
| 30  | 22.1   | 16.1 |      |      | 16.1   | 14.3 |      |      | 14.2   | 12.4 |      |     | 10.3   |     |     |     | 9.2    |     |     | 7.8 |        |     |     |     |    | 30  |     |
| 32  | 21.8   | 15.8 |      |      | 15.9   | 14.2 |      |      | 14     | 12.3 |      |     | 10.3   |     |     |     | 9.1    |     |     | 7.7 |        |     |     |     |    | 32  |     |
| 34  | 21.5   | 15.5 | 12.6 |      | 15.8   | 14.1 |      |      | 13.9   | 12.2 |      |     | 10.2   | 9.2 |     |     | 9.1    |     |     | 7.7 |        |     |     |     |    | 34  |     |
| 36  | 21.2   | 15.3 | 12.4 |      | 15.6   | 14   |      |      | 13.7   | 12.2 |      |     | 10.2   | 9.2 |     |     | 9.1    | 8.2 |     | 7.6 |        |     |     |     |    | 36  |     |
| 38  | 20.9   | 15.1 | 12.2 | 10.1 | 15.4   | 13.9 | 11.9 |      | 13.5   | 12.1 |      |     | 10.1   | 9.1 |     |     | 9      | 8.2 |     | 7.6 | 7      |     |     |     |    | 38  |     |
| 40  | 20.6   | 14.9 | 12   | 10.1 | 15.2   | 13.6 | 11.8 |      | 13.3   | 12   | 11.3 |     | 10     | 9.1 |     |     | 8.9    | 8.2 |     | 7.6 | 7      |     |     |     |    | 40  |     |
| 45  | 19.8   | 14.3 | 11.6 | 9.9  | 14.5   | 12.9 | 11.5 | 9.8  | 12.9   | 11.8 | 11.1 | 9.8 | 9.7    | 9   | 8.8 |     | 8.7    | 8.1 | 7.9 | 7.4 | 6.9    |     |     |     |    | 45  |     |
| 50  | 18.3   | 13.9 | 11.3 | 9.8  | 13.8   | 12.2 | 11.1 | 9.7  | 12.5   | 11.5 | 10.9 | 9.7 | 9.5    | 8.8 | 8.8 | 8.9 | 8.6    | 8   | 7.9 | 7.3 | 6.9    | 6.7 |     |     |    | 50  |     |
| 55  | 15.8   | 13.5 | 11.2 | 9.7  | 13     | 11.6 | 10.7 | 9.6  | 12.1   | 11.2 | 10.6 | 9.6 | 9.2    | 8.6 | 8.6 | 8.7 | 8.4    | 7.9 | 7.9 | 8.1 | 7.2    | 6.8 | 6.7 | 6.9 |    | 55  |     |
| 60  | 13.8   | 13.1 | 11   | 9.7  | 12.2   | 11.1 | 10.3 | 9.6  | 11.7   | 10.8 | 10.2 | 9.6 | 8.7    | 8.4 | 8.3 | 8.3 | 8.1    | 7.9 | 7.8 | 8   | 7      | 6.8 | 6.7 | 6.9 |    | 60  |     |
| 65  | 12     | 12.7 | 10.9 | 9.6  | 11.6   | 10.5 | 9.9  | 9.5  | 11.1   | 10.4 | 9.8  | 9.5 | 8.3    | 8.1 | 7.9 | 8   | 7.9    | 7.8 | 7.6 | 7.8 | 6.9    | 6.8 | 6.6 | 6.9 |    | 65  |     |
| 70  | 10.8   | 11.4 | 10.7 | 9.6  | 10.9   | 10   | 9.5  | 9.4  | 10     | 10   | 9.5  | 9.3 | 7.9    | 7.7 | 7.6 | 7.7 | 7.6    | 7.5 | 7.4 | 7.5 | 6.7    | 6.7 | 6.5 | 6.7 |    | 70  |     |
| 75  | 10     | 10.1 | 10.6 | 9.6  | 9.8    | 9.6  | 9.2  | 9.2  | 8.8    | 9.5  | 9.2  | 9.1 | 7.6    | 7.4 | 7.3 | 7.3 | 7.4    | 7.2 | 7.1 | 7.2 | 6.5    | 6.6 | 6.4 | 6.5 |    | 75  |     |
| 80  | 9.2    | 9    | 9.3  | 9.4  | 8.7    | 9.2  | 8.9  | 8.9  | 7.7    | 8.7  | 8.8  | 8.9 | 7.2    | 7   | 6.9 | 7   | 7.1    | 6.9 | 6.9 | 6.9 | 6.3    | 6.3 | 6.2 | 6.3 |    | 80  |     |
| 85  | 8.1    | 8.6  | 8.4  | 8.5  | 7.6    | 8.3  | 8.6  | 8.7  | 6.8    | 7.6  | 8.2  | 8.5 | 6.9    | 6.7 | 6.6 | 6.7 | 6.6    | 6.6 | 6.6 | 6.7 | 6.1    | 6.1 | 6   | 6.1 |    | 85  |     |
| 90  | 7.2    | 7.7  | 8.1  | 8.2  | 6.7    | 7.3  | 7.8  | 8    | 6.4    | 6.7  | 7.2  | 7.5 | 6.6    | 6.4 | 6.4 | 6.5 | 5.8    | 6.3 | 6.3 | 6.4 | 5.5    | 5.8 | 5.8 | 5.9 |    | 90  |     |
| 95  | 6.3    | 6.8  | 7.2  | 7.2  | 5.8    | 6.4  | 6.8  | 7    | 6.1    | 6    | 6.3  | 6.5 | 5.8    | 6.2 | 6.1 | 6.2 | 5      | 5.7 | 6   | 6.2 | 4.8    | 5.4 | 5.6 | 5.7 |    | 95  |     |
| 100 | 5.6    | 6    | 6.3  | 6.3  | 5.1    | 5.6  | 6    | 6    | 5.6    | 5.7  | 5.7  | 5.8 | 5.1    | 5.7 | 5.9 | 6   | 4.4    | 5   | 5.4 | 5.7 | 4.2    | 4.8 | 5.3 | 5.4 |    | 100 |     |
| 105 | 4.9    | 5.3  | 5.5  | 5.4  | 4.4    | 4.9  | 5.2  | 5.2  | 4.9    | 5.4  | 5.5  | 5.6 | 4.5    | 5   | 5.4 | 5.5 | 3.8    | 4.3 | 4.7 | 4.9 | 3.6    | 4.1 | 4.6 | 4.8 |    | 105 |     |
| 110 | 4.3    | 4.6  | 4.8  | 4.6  | 3.8    | 4.2  | 4.5  | 4.5  | 4.3    | 4.7  | 5    | 5   | 3.9    | 4.4 | 4.7 | 4.8 | 3.2    | 3.7 | 4.1 | 4.3 | 3      | 3.6 | 4   | 4.2 |    | 110 |     |
| 115 | 3.8    | 4    | 4.1  | 3.9  | 3.3    | 3.6  | 3.9  | 3.8  | 3.8    | 4.1  | 4.4  | 4.4 | 3.4    | 3.8 | 4   | 4.1 | 2.7    | 3.2 | 3.5 | 3.6 | 2.5    | 3   | 3.4 | 3.5 |    | 115 |     |
| 120 | 3.3    | 3.5  | 3.5  | 3.1  | 2.8    | 3.1  | 3.3  | 3.1  | 3.3    | 3.6  | 3.8  | 3.7 | 2.9    | 3.3 | 3.5 | 3.5 | 2.2    | 2.7 | 3   | 3.1 | 2.1    | 2.5 | 2.8 | 3   |    | 120 |     |
| 125 | 2.9    | 3    | 2.9  |      | 2.3    | 2.6  | 2.7  | 2.5  | 2.8    | 3.1  | 3.2  | 3.2 | 2.4    | 2.8 | 3   | 3   | 1.8    | 2.2 | 2.5 | 2.5 | 1.6    | 2.1 | 2.4 | 2.4 |    | 125 |     |
| 130 | 2.5    | 2.5  |      |      | 2      | 2.1  | 2.2  | 1.9  | 2.4    | 2.6  | 2.7  | 2.6 | 2      | 2.3 | 2.5 | 2.4 | 1.4    | 1.8 | 2   | 2   |        | 1.6 | 1.9 | 2   |    | 130 |     |
| 135 |        |      |      |      | 1.6    | 1.7  | 1.7  |      | 2      | 2.2  | 2.3  | 2.1 | 1.6    | 1.9 | 2   | 1.9 |        | 1.4 | 1.6 | 1.6 |        |     | 1.5 | 1.5 |    | 135 |     |
| 140 |        |      |      |      |        | 1.3  |      |      | 1.7    | 1.9  | 1.9  | 1.6 |        |     | 1.5 | 1.6 | 1.5    |     |     |     |        |     |     |     |    |     | 140 |
| 145 |        |      |      |      |        |      |      |      | 1.4    | 1.5  | 1.4  |     |        |     |     |     |        |     |     |     |        |     |     |     |    |     | 145 |

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# Lifting capacities on the hydraulically or mechanically variable folding jib Forces de levage à la fléchette pliante à variation hydraulique ou mécanique



| ft  | 36 ft |     |     |     | 48 ft |     |     |     | 60 ft |     |     |     | 72 ft |     |     |     | 83 ft |     |     |     | 95 ft |     |     |     | ft  |
|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-----|
|     | 52 ft |     |     |     | 52 ft |     |     |     | 52 ft |     |     |     | 52 ft |     |     |     | 52 ft |     |     |     | 52 ft |     |     |     |     |
|     | 0°    | 20° | 40° | 60° | 0°    | 20° | 40° | 60° | 0°    | 20° | 40° | 60° | 0°    | 20° | 40° | 60° | 0°    | 20° | 40° | 60° | 0°    | 20° | 40° | 60° |     |
| 10  | 16.7  |     |     |     | 16.7  |     |     |     | 16.3  |     |     |     | 15.3  |     |     |     |       |     |     |     |       |     |     |     | 10  |
| 11  | 16.4  |     |     |     | 16.5  |     |     |     | 16.2  |     |     |     | 15.3  |     |     |     |       |     |     |     |       |     |     |     | 11  |
| 12  | 16.1  |     |     |     | 16.4  |     |     |     | 16.1  |     |     |     | 15.1  |     |     |     | 14.6  |     |     |     |       |     |     |     | 12  |
| 13  | 15.7  |     |     |     | 16.2  |     |     |     | 15.9  |     |     |     | 15    |     |     |     | 14.6  |     |     |     | 12    |     |     |     | 13  |
| 14  | 15.3  |     |     |     | 15.9  |     |     |     | 15.8  |     |     |     | 14.9  |     |     |     | 14.5  |     |     |     | 12.1  |     |     |     | 14  |
| 15  | 15    |     |     |     | 15.6  |     |     |     | 15.6  |     |     |     | 14.8  |     |     |     | 14.4  |     |     |     | 12.1  |     |     |     | 15  |
| 16  | 14.6  |     |     |     | 15.3  |     |     |     | 15.5  |     |     |     | 14.7  |     |     |     | 14.3  |     |     |     | 12.1  |     |     |     | 16  |
| 17  | 14.2  |     |     |     | 15    |     |     |     | 15.2  |     |     |     | 14.6  |     |     |     | 14.2  |     |     |     | 12.1  |     |     |     | 17  |
| 18  | 13.9  |     |     |     | 14.7  |     |     |     | 15    |     |     |     | 14.4  |     |     |     | 14.1  |     |     |     | 12.1  |     |     |     | 18  |
| 19  | 13.5  |     |     |     | 14.3  |     |     |     | 14.7  |     |     |     | 14.3  |     |     |     | 14    |     |     |     | 12.1  |     |     |     | 19  |
| 20  | 13.2  |     |     |     | 14    |     |     |     | 14.5  |     |     |     | 14.1  |     |     |     | 13.9  |     |     |     | 12.1  |     |     |     | 20  |
| 22  | 12.5  |     |     |     | 13.4  |     |     |     | 13.9  |     |     |     | 13.6  |     |     |     | 13.6  |     |     |     | 12.1  |     |     |     | 22  |
| 24  | 11.9  | 8.5 |     |     | 12.8  | 8.7 |     |     | 13.4  |     |     |     | 13.2  |     |     |     | 13.2  |     |     |     | 12    |     |     |     | 24  |
| 26  | 11.2  | 8.1 |     |     | 12.3  | 8.4 |     |     | 12.9  | 8.5 |     |     | 12.7  |     |     |     | 12.9  |     |     |     | 11.9  |     |     |     | 26  |
| 28  | 10.6  | 7.9 |     |     | 11.7  | 8.1 |     |     | 12.4  | 8.3 |     |     | 12.3  | 8.3 |     |     | 12.5  |     |     |     | 11.7  |     |     |     | 28  |
| 30  | 10.1  | 7.6 |     |     | 11.1  | 7.9 |     |     | 11.9  | 8.1 |     |     | 11.8  | 8.1 |     |     | 12    | 8.2 |     |     | 11.5  |     |     |     | 30  |
| 32  | 9.8   | 7.4 |     |     | 10.6  | 7.6 |     |     | 11.5  | 7.8 |     |     | 11.5  | 7.9 |     |     | 11.7  | 8   |     |     | 11.3  | 7.8 |     |     | 32  |
| 34  | 9.4   | 7.1 |     |     | 10.1  | 7.4 |     |     | 11    | 7.6 |     |     | 11.2  | 7.7 |     |     | 11.3  | 7.8 |     |     | 11.1  | 7.7 |     |     | 34  |
| 36  | 9.1   | 6.9 |     |     | 9.8   | 7.2 |     |     | 10.5  | 7.5 |     |     | 10.8  | 7.5 |     |     | 11    | 7.6 |     |     | 10.9  | 7.5 |     |     | 36  |
| 38  | 8.7   | 6.7 | 5.7 |     | 9.5   | 7   | 5.8 |     | 10.1  | 7.3 |     |     | 10.5  | 7.4 |     |     | 10.8  | 7.5 |     |     | 10.7  | 7.4 |     |     | 38  |
| 40  | 8.4   | 6.5 | 5.6 |     | 9.2   | 6.9 | 5.7 |     | 9.7   | 7.1 | 5.7 |     | 10.1  | 7.2 |     |     | 10.5  | 7.3 |     |     | 10.5  | 7.3 |     |     | 40  |
| 45  | 7.7   | 6.1 | 5.3 |     | 8.5   | 6.4 | 5.4 |     | 9.1   | 6.7 | 5.5 |     | 9.4   | 6.8 | 5.5 |     | 9.8   | 7   | 5.5 |     | 10    | 6.9 |     |     | 45  |
| 50  | 7.1   | 5.8 | 5.1 | 4.9 | 7.8   | 6.1 | 5.2 | 4.9 | 8.5   | 6.3 | 5.3 | 5   | 8.8   | 6.5 | 5.3 |     | 9.2   | 6.7 | 5.4 |     | 9.5   | 6.6 | 5.3 |     | 50  |
| 55  | 6.5   | 5.5 | 4.9 | 4.8 | 7.3   | 5.8 | 5   | 4.8 | 7.9   | 6   | 5.1 | 4.9 | 8.4   | 6.2 | 5.2 | 4.9 | 8.7   | 6.4 | 5.2 | 4.9 | 9     | 6.4 | 5.2 | 4.8 | 55  |
| 60  | 6.1   | 5.2 | 4.8 | 4.7 | 6.8   | 5.5 | 4.9 | 4.8 | 7.4   | 5.8 | 5   | 4.8 | 7.8   | 5.9 | 5   | 4.8 | 8.2   | 6.1 | 5.1 | 4.8 | 8.6   | 6.2 | 5.1 | 4.8 | 60  |
| 65  | 5.7   | 5   | 4.7 | 4.7 | 6.3   | 5.3 | 4.8 | 4.7 | 6.9   | 5.5 | 4.9 | 4.7 | 7.3   | 5.7 | 4.9 | 4.7 | 7.8   | 5.9 | 5   | 4.7 | 8.2   | 5.9 | 5   | 4.7 | 65  |
| 70  | 5.3   | 4.8 | 4.6 | 4.7 | 5.9   | 5   | 4.7 | 4.7 | 6.5   | 5.3 | 4.7 | 4.7 | 7     | 5.5 | 4.8 | 4.7 | 7.3   | 5.7 | 4.8 | 4.7 | 7.8   | 5.7 | 4.9 | 4.7 | 70  |
| 75  | 4.9   | 4.7 | 4.6 |     | 5.6   | 4.9 | 4.6 | 4.7 | 6.1   | 5.1 | 4.7 | 4.7 | 6.6   | 5.3 | 4.7 | 4.7 | 7     | 5.4 | 4.8 | 4.7 | 7.4   | 5.6 | 4.8 | 4.6 | 75  |
| 80  | 4.7   | 4.6 |     |     | 5.2   | 4.7 | 4.6 | 4.7 | 5.8   | 4.9 | 4.6 | 4.7 | 6.2   | 5.1 | 4.6 | 4.7 | 6.6   | 5.3 | 4.7 | 4.7 | 7.1   | 5.4 | 4.7 | 4.6 | 80  |
| 85  |       |     |     |     | 5     | 4.6 | 4.6 |     | 5.5   | 4.8 | 4.6 | 4.7 | 5.9   | 5   | 4.6 | 4.7 | 6.3   | 5.1 | 4.6 | 4.7 | 6.8   | 5.2 | 4.6 | 4.6 | 85  |
| 90  |       |     |     |     | 4.7   | 4.6 |     |     | 5.2   | 4.7 | 4.6 | 4.7 | 5.6   | 4.8 | 4.5 | 4.7 | 6     | 5   | 4.6 | 4.7 | 6.5   | 5.1 | 4.6 | 4.6 | 90  |
| 95  |       |     |     |     |       |     |     |     | 4.9   | 4.6 | 4.6 |     | 5.3   | 4.7 | 4.5 | 4.7 | 5.7   | 4.8 | 4.5 | 4.7 | 6.3   | 5   | 4.5 | 4.6 | 95  |
| 100 |       |     |     |     |       |     |     |     | 4.7   | 4.6 |     |     | 5.1   | 4.6 | 4.5 | 4.7 | 5.4   | 4.8 | 4.5 | 4.7 | 6     | 4.8 | 4.5 | 4.6 | 100 |
| 105 |       |     |     |     |       |     |     |     |       |     |     |     | 4.9   | 4.6 | 4.5 |     | 4.9   | 4.7 | 4.5 | 4.7 | 5.4   | 4.7 | 4.5 | 4.6 | 105 |
| 110 |       |     |     |     |       |     |     |     |       |     |     |     | 4.7   | 4.6 | 4.5 |     | 4.3   | 4.6 | 4.5 | 4.6 | 4.8   | 4.7 | 4.5 | 4.6 | 110 |
| 115 |       |     |     |     |       |     |     |     |       |     |     |     | 4.6   | 4.6 |     |     | 3.8   | 4.3 | 4.4 |     | 4.2   | 4.6 | 4.5 | 4.6 | 115 |
| 120 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     | 3.3   | 3.7 | 3.6 |     | 3.7   | 4.2 | 4.4 | 4.1 | 120 |
| 125 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     | 2.9   | 3.1 |     |     | 3.3   | 3.6 | 3.8 |     | 125 |
| 130 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     | 2.9   | 3.2 | 3.1 |     | 130 |
| 135 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     | 2.5   | 2.7 |     |     | 135 |
| 140 |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     | 2.2   |     |     |     | 140 |

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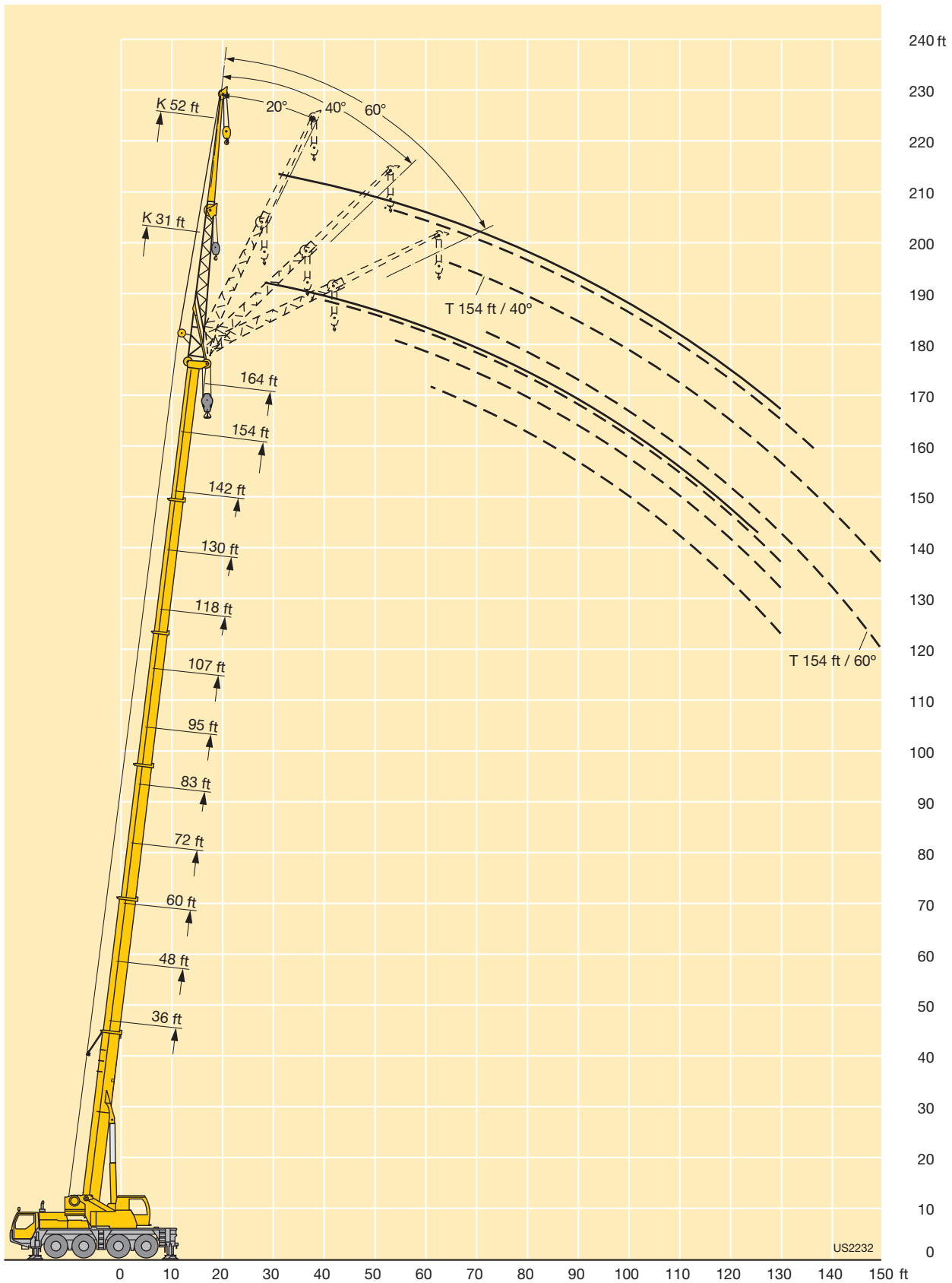
# Lifting capacities on the hydraulically or mechanically variable folding jib Forces de levage à la flèche pliante à variation hydraulique ou mécanique



| ft  | 107 ft |     |     |     | 118 ft |     |     |     | 130 ft |     |     |     | 142 ft |     |     |     | 154 ft |     |     |     | 164 ft |     | ft  |
|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|-----|--------|-----|-----|
|     | 52 ft  |     |     |     | 52 ft  |     |     |     | 52 ft  |     |     |     | 52 ft  |     |     |     | 52 ft  |     |     |     | 52 ft  |     |     |
|     | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° | 40° | 60° | 0°     | 20° |     |
| 16  | 11.3   |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     | 16  |
| 17  | 11.3   |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     | 17  |
| 18  | 11.3   |     |     |     | 9.6    |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     | 18  |
| 19  | 11.3   |     |     |     | 9.6    |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     | 19  |
| 20  | 11.3   |     |     |     | 9.6    |     |     |     |        |     |     |     |        |     |     |     |        |     |     |     |        |     | 20  |
| 22  | 11.3   |     |     |     | 9.6    |     |     |     | 8.9    |     |     |     |        |     |     |     |        |     |     |     |        |     | 22  |
| 24  | 11.3   |     |     |     | 9.6    |     |     |     | 8.8    |     |     |     | 7.3    |     |     |     |        |     |     |     |        |     | 24  |
| 26  | 11.3   |     |     |     | 9.6    |     |     |     | 8.8    |     |     |     | 7.2    |     |     |     |        |     |     |     |        |     | 26  |
| 28  | 11.2   |     |     |     | 9.6    |     |     |     | 8.7    |     |     |     | 7.1    |     |     | 6.5 |        |     |     |     |        |     | 28  |
| 30  | 11     |     |     |     | 9.5    |     |     |     | 8.7    |     |     |     | 7      |     |     | 6.4 |        |     |     |     | 5.5    |     | 30  |
| 32  | 10.9   |     |     |     | 9.5    |     |     |     | 8.7    |     |     |     | 6.9    |     |     | 6.3 |        |     |     |     | 5.5    |     | 32  |
| 34  | 10.7   |     |     |     | 9.4    |     |     |     | 8.6    |     |     |     | 6.8    |     |     | 6.3 |        |     |     |     | 5.4    |     | 34  |
| 36  | 10.6   | 7.5 |     |     | 9.3    |     |     |     | 8.5    |     |     |     | 6.8    |     |     | 6.2 |        |     |     |     | 5.4    |     | 36  |
| 38  | 10.4   | 7.4 |     |     | 9.2    | 7   |     |     | 8.5    |     |     |     | 6.7    |     |     | 6.1 |        |     |     |     | 5.3    |     | 38  |
| 40  | 10.3   | 7.3 |     |     | 9.1    | 6.9 |     |     | 8.4    |     |     |     | 6.6    |     |     | 6   |        |     |     |     | 5.3    |     | 40  |
| 45  | 9.9    | 6.9 |     |     | 8.9    | 6.6 |     |     | 8.2    | 6.5 |     |     | 6.5    | 5.8 |     | 5.9 |        |     |     |     | 5.1    |     | 45  |
| 50  | 9.5    | 6.7 | 5.3 |     | 8.6    | 6.4 |     |     | 8      | 6.4 |     |     | 6.3    | 5.8 |     | 5.8 | 5.2    |     |     | 5   | 4.5    |     | 50  |
| 55  | 9      | 6.4 | 5.2 |     | 8.3    | 6.2 | 5.1 |     | 7.8    | 6.2 | 5.1 |     | 6.2    | 5.7 |     | 5.7 | 5.2    |     |     | 4.9 | 4.5    |     | 55  |
| 60  | 8.6    | 6.2 | 5.1 | 4.8 | 8.1    | 6   | 5   |     | 7.6    | 6   | 5   |     | 6.1    | 5.6 | 4.8 |     | 5.6    | 5.2 |     | 4.8 | 4.5    |     | 60  |
| 65  | 8.3    | 6   | 5   | 4.7 | 7.8    | 5.8 | 4.9 | 4.7 | 7.5    | 5.8 | 4.9 | 4.6 | 6      | 5.5 | 4.8 |     | 5.4    | 5.1 | 4.7 | 4.7 | 4.4    |     | 65  |
| 70  | 7.9    | 5.8 | 4.9 | 4.7 | 7.5    | 5.7 | 4.8 | 4.6 | 7.3    | 5.7 | 4.8 | 4.6 | 5.9    | 5.4 | 4.7 | 4.6 | 5.4    | 5.1 | 4.7 | 4.6 | 4.4    |     | 70  |
| 75  | 7.6    | 5.6 | 4.8 | 4.6 | 7.3    | 5.5 | 4.8 | 4.6 | 7.1    | 5.5 | 4.7 | 4.6 | 5.8    | 5.3 | 4.6 | 4.5 | 5.3    | 5.1 | 4.6 | 4.5 | 4.6    | 4.4 | 75  |
| 80  | 7.3    | 5.4 | 4.7 | 4.6 | 7.1    | 5.4 | 4.7 | 4.6 | 7      | 5.4 | 4.7 | 4.6 | 5.7    | 5.2 | 4.6 | 4.5 | 5.2    | 5   | 4.5 | 4.5 | 4.5    | 4.4 | 80  |
| 85  | 7      | 5.3 | 4.7 | 4.6 | 6.8    | 5.2 | 4.6 | 4.6 | 6.8    | 5.2 | 4.6 | 4.5 | 5.6    | 5.1 | 4.5 | 4.5 | 5.2    | 5   | 4.5 | 4.5 | 4.5    | 4.4 | 85  |
| 90  | 6.7    | 5.2 | 4.6 | 4.6 | 6.6    | 5.1 | 4.6 | 4.6 | 6.5    | 5.1 | 4.6 | 4.5 | 5.4    | 5   | 4.5 | 4.5 | 5.1    | 4.9 | 4.5 | 4.5 | 4.4    | 4.3 | 90  |
| 95  | 6.3    | 5   | 4.6 | 4.6 | 6.3    | 5   | 4.5 | 4.6 | 5.7    | 5   | 4.5 | 4.5 | 5.2    | 4.9 | 4.5 | 4.5 | 5      | 4.8 | 4.4 | 4.5 | 4.3    | 4.3 | 95  |
| 100 | 6      | 4.9 | 4.5 | 4.6 | 5.8    | 4.9 | 4.5 | 4.6 | 5.1    | 4.9 | 4.5 | 4.5 | 5.1    | 4.8 | 4.4 | 4.5 | 4.6    | 4.7 | 4.4 | 4.5 | 4.3    | 4.3 | 100 |
| 105 | 5.6    | 4.8 | 4.5 | 4.6 | 5.2    | 4.8 | 4.5 | 4.6 | 4.8    | 4.8 | 4.5 | 4.5 | 4.8    | 4.6 | 4.4 | 4.5 | 4.1    | 4.6 | 4.4 | 4.5 | 3.8    | 4.2 | 105 |
| 110 | 5.1    | 4.7 | 4.5 | 4.6 | 4.6    | 4.7 | 4.5 | 4.6 | 4.6    | 4.6 | 4.4 | 4.5 | 4.3    | 4.5 | 4.3 | 4.5 | 3.6    | 4.5 | 4.3 | 4.4 | 3.3    | 4.1 | 110 |
| 115 | 4.5    | 4.6 | 4.5 | 4.6 | 4      | 4.6 | 4.5 | 4.6 | 4.3    | 4.4 | 4.4 | 4.5 | 3.8    | 4.4 | 4.3 | 4.4 | 3.1    | 3.9 | 4.3 | 4.4 | 2.8    | 3.7 | 115 |
| 120 | 4      | 4.4 | 4.5 | 4.6 | 3.5    | 4.1 | 4.4 | 4.5 | 3.8    | 4.2 | 4.3 | 4.4 | 3.3    | 4   | 4.2 | 4.4 | 2.6    | 3.4 | 4   | 4.2 | 2.4    | 3.2 | 120 |
| 125 | 3.5    | 4   | 4.2 | 4.1 | 3      | 3.6 | 4   | 4   | 3.3    | 3.9 | 4.1 | 4.2 | 2.9    | 3.6 | 4   | 4.2 | 2.2    | 3   | 3.5 | 3.8 | 2      | 2.7 | 125 |
| 130 | 3.1    | 3.5 | 3.7 | 3.4 | 2.6    | 3.1 | 3.4 | 3.4 | 2.9    | 3.5 | 3.8 | 3.8 | 2.5    | 3.1 | 3.5 | 3.6 | 1.8    | 2.5 | 3   | 3.2 | 1.6    | 2.3 | 130 |
| 135 | 2.7    | 3   | 3.2 | 2.7 | 2.2    | 2.7 | 2.9 | 2.8 | 2.5    | 3   | 3.3 | 3.3 | 2.1    | 2.7 | 3   | 3.1 | 1.5    | 2.1 | 2.6 | 2.7 |        | 1.9 | 135 |
| 140 | 2.4    | 2.6 | 2.6 |     | 1.9    | 2.3 | 2.4 | 2.2 | 2.2    | 2.6 | 2.8 | 2.8 | 1.8    | 2.3 | 2.6 | 2.6 |        | 1.7 | 2.1 | 2.2 |        | 1.6 | 140 |
| 145 | 2.1    | 2.2 | 2   |     | 1.6    | 1.9 | 2   | 1.6 | 1.8    | 2.2 | 2.4 | 2.3 | 1.4    | 1.9 | 2.2 | 2.1 |        | 1.4 | 1.7 | 1.8 |        |     | 145 |
| 150 | 1.8    | 1.8 |     |     |        | 1.5 | 1.5 |     | 1.5    | 1.9 | 2   | 1.8 |        | 1.6 | 1.8 | 1.7 |        |     | 1.3 | 1.4 |        |     | 150 |
| 155 |        |     |     |     |        |     |     |     |        | 1.5 | 1.6 |     |        |     | 1.4 |     |        |     |     |     |        |     | 155 |

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# Lifting heights Hauteurs de levage



# Lifting capacities on the erection jib Forces de levage à la fléchette de montage







| ft | 36 ft |      |      |      | 48 ft |      |      |      | 60 ft |      |      |      | 72 ft |      |      |      | 83 ft |      |      |      | 95 ft |     |      |      | ft   |    |
|----|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|-----|------|------|------|----|
|    | 10 ft |      |      |      | 10 ft |      |      |      | 10 ft |      |      |      | 10 ft |      |      |      | 10 ft |      |      |      | 10 ft |     |      |      |      |    |
|    | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20°  | 40°  | 60°  | 0°    | 20° | 40°  | 60°  |      |    |
| 10 |       | 68.9 | 56.9 | 48.5 |       |      | 59.7 | 49.9 |       |      | 60.5 | 50.3 |       |      | 59.9 |      |       |      |      |      |       |     |      |      |      | 10 |
| 11 |       | 67.8 | 55.5 | 47.6 |       | 70.5 | 58.5 | 49.2 |       |      | 59.4 | 49.7 |       |      | 59.1 |      |       |      |      |      |       |     |      |      |      | 11 |
| 12 |       | 66.7 | 54.4 | 46.8 |       | 70   | 57.3 | 48.5 |       |      | 58.4 | 49.1 |       |      | 58.3 | 49.1 |       |      | 54.1 |      |       |     |      |      |      | 12 |
| 13 |       | 65.6 | 53.2 | 46   |       | 69   | 56.2 | 47.8 |       |      | 57.5 | 48.5 |       |      | 57.5 | 48.7 |       |      | 53.6 |      |       |     |      |      |      | 13 |
| 14 |       | 64.5 | 52.1 | 45.4 |       | 68.1 | 55.1 | 47.2 |       | 70.5 | 56.6 | 47.9 |       |      | 56.8 | 48.3 |       |      | 53.1 | 46.8 |       |     |      | 39.3 |      | 14 |
| 15 |       | 63   | 51   | 44.7 |       | 67.1 | 54.3 | 46.6 |       | 70.3 | 55.7 | 47.4 |       |      | 56   | 47.9 |       |      | 52.6 | 46.4 |       |     |      | 47.5 |      | 15 |
| 16 |       | 61.5 | 49.9 | 44   |       | 66.2 | 53.4 | 46   |       | 69.6 | 54.8 | 46.9 |       |      | 55.4 | 47.6 |       |      | 52.1 | 46   |       |     |      | 46.8 | 34.9 | 16 |
| 17 |       | 60   | 49   | 43.4 |       | 65.3 | 52.5 | 45.5 |       | 68.4 | 53.9 | 46.4 |       | 67.1 | 54.7 | 47.2 |       |      | 51.6 | 45.7 |       |     |      | 46.2 | 42.4 | 17 |
| 18 |       | 58.5 | 48.2 | 42.9 |       | 64.2 | 51.6 | 44.9 |       | 67.2 | 53.2 | 45.9 |       | 66.4 | 54   | 46.8 |       |      | 51   | 45.3 |       |     |      | 45.5 | 41.7 | 18 |
| 19 |       | 57   | 47.4 | 42.4 |       | 63.1 | 50.7 | 44.4 |       | 66.1 | 52.5 | 45.4 |       | 65.7 | 53.3 | 46.3 |       |      | 50.4 | 45   |       |     |      | 44.8 | 41   | 19 |
| 20 | 66.3  | 55.5 | 46.6 | 42   |       | 61.9 | 49.9 | 43.9 |       | 64.6 | 51.8 | 45   |       | 64.5 | 52.7 | 45.9 |       | 54.2 | 49.8 | 44.6 |       |     |      | 44.1 | 40.3 | 20 |
| 22 | 60.9  | 52.8 | 44.9 | 41   |       | 59.5 | 48.5 | 43   |       | 61   | 50.4 | 44.2 |       | 61.3 | 51.4 | 45.1 |       | 52.4 | 48.4 | 44   |       |     |      | 42.8 | 38.9 | 22 |
| 24 | 55.8  | 50.7 | 43.6 | 40.3 |       | 56.2 | 47.2 | 42.3 |       | 56.7 | 49.1 | 43.4 |       | 56.4 | 50.4 | 44.4 |       | 50.5 | 47.1 | 43.4 |       |     | 45.2 | 41.4 | 37.8 | 24 |
| 26 | 51.1  | 48.7 | 42.5 | 39.8 |       | 51.8 | 45.9 | 41.6 |       | 51.9 | 47.9 | 42.7 |       | 51.5 | 49.1 | 43.8 |       | 48.3 | 45.7 | 42.9 |       |     | 44.2 | 40   | 36.7 | 26 |
| 28 | 47    | 46.7 | 41.5 | 39.4 | 47.1  | 47.6 | 44.6 | 40.8 |       | 47.7 | 46.9 | 42.2 |       | 47.4 | 47.8 | 43.2 |       | 44.8 | 43.9 | 42   |       |     | 43.2 | 38.6 | 35.6 | 28 |
| 30 | 43.4  | 43.8 | 40.6 | 39.3 | 43.5  | 44   | 43.4 | 40.3 |       | 44.1 | 44.4 | 41.6 |       | 43.7 | 44.4 | 42.3 |       | 40.7 | 41.6 | 40.5 |       |     | 40.5 | 37.2 | 34.6 | 30 |
| 32 | 39.9  | 40.3 | 39.8 | 39.3 | 40.1  | 40.5 | 41   | 40   |       | 40.6 | 41.1 | 40.5 |       | 40.2 | 40.9 | 41   |       | 38.8 | 38   | 38.5 |       |     | 37.2 | 36.2 | 33.6 | 32 |
| 34 | 36.8  | 37.1 | 37.4 | 37.5 | 37    | 37.3 | 37.7 | 38   | 36.9  | 37.4 | 37.9 | 38.2 |       | 36.9 | 37.6 | 38.1 |       | 36.5 | 34.9 | 35.5 |       |     | 34.3 | 34.9 | 32.8 | 34 |
| 36 | 34    | 34.3 | 34.6 | 34.5 | 34.1  | 34.6 | 34.9 | 35.1 | 34.1  | 34.7 | 35   | 35.4 |       | 34   | 34.7 | 35.2 |       | 33.7 | 32.6 | 32.8 |       |     | 31.8 | 32.3 | 31.7 | 36 |
| 38 | 31.2  | 31.4 | 31.6 | 31.4 | 31.3  | 31.8 | 32.1 | 32.3 | 31.6  | 31.8 | 32.2 | 32.6 |       | 32.3 | 32   | 32.4 |       | 31.4 | 31.6 | 30.3 |       |     | 29.4 | 30   | 30.2 | 38 |
| 40 |       |      |      |      | 28.7  | 29.2 | 29.5 | 29.7 | 29.6  | 29.2 | 29.6 | 29.9 | 29.5  | 30   | 29.4 | 29.7 |       | 29.2 | 29.7 | 29.4 |       |     | 27.4 | 27.9 | 28.4 | 40 |
| 45 |       |      |      |      | 23.7  | 24   | 24.1 | 24.1 | 24.5  | 24.8 | 24.4 | 24.5 | 24.3  | 24.7 | 25.1 | 25.4 |       | 24.4 | 24.7 | 25   |       |     | 23.1 | 23.6 | 23.9 | 45 |
| 50 |       |      |      |      | 20.3  | 20.1 | 20.2 | 20.4 | 20.6  | 20.9 | 21.1 | 21.2 | 20.6  | 20.8 | 21.1 | 21.3 | 20.3  | 20.4 | 20.7 | 21   |       |     | 20.3 | 20.1 | 20.4 | 50 |
| 55 |       |      |      |      |       |      |      |      | 17.7  | 17.9 | 18   | 18.1 | 17.5  | 17.8 | 18   | 18.2 | 17.6  | 17.5 | 17.6 | 17.8 | 17.4  |     | 17.7 | 17.8 | 17.5 | 55 |
| 60 |       |      |      |      |       |      |      |      | 15.3  | 15.5 | 15.6 | 15.5 | 15.2  | 15.4 | 15.6 | 15.7 | 15.2  | 15.5 | 15.5 | 15.6 | 15.2  |     | 15.3 | 15.5 | 15.6 | 60 |
| 65 |       |      |      |      |       |      |      |      |       |      |      |      | 13.5  | 13.4 | 13.5 | 13.6 | 13.3  | 13.5 | 13.6 | 13.7 | 13.3  |     | 13.5 | 13.7 | 13.8 | 65 |
| 70 |       |      |      |      |       |      |      |      |       |      |      |      | 12    | 12.1 | 12.2 | 12.1 | 12.1  | 12   | 11.9 | 12   | 11.7  |     | 11.9 | 12.1 | 12.2 | 70 |
| 75 |       |      |      |      |       |      |      |      |       |      |      |      |       | 10.8 |      |      | 10.7  | 10.9 | 10.9 | 11   | 10.3  |     | 10.5 | 10.7 | 10.7 | 75 |
| 80 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 9.6   | 9.7  | 9.7  | 9.8  | 9.2   |     | 9.2  | 9.4  | 9.4  | 80 |
| 85 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 8.6   | 8.7  | 8.7  | 8.6  | 8.2   |     | 8.3  | 8.4  | 8.4  | 85 |
| 90 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 7.7   |     | 7.7  | 7.6  | 7.7  | 90 |
| 95 |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      | 6.9   |     | 7    | 7    | 7    | 95 |

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# Lifting capacities on the erection jib

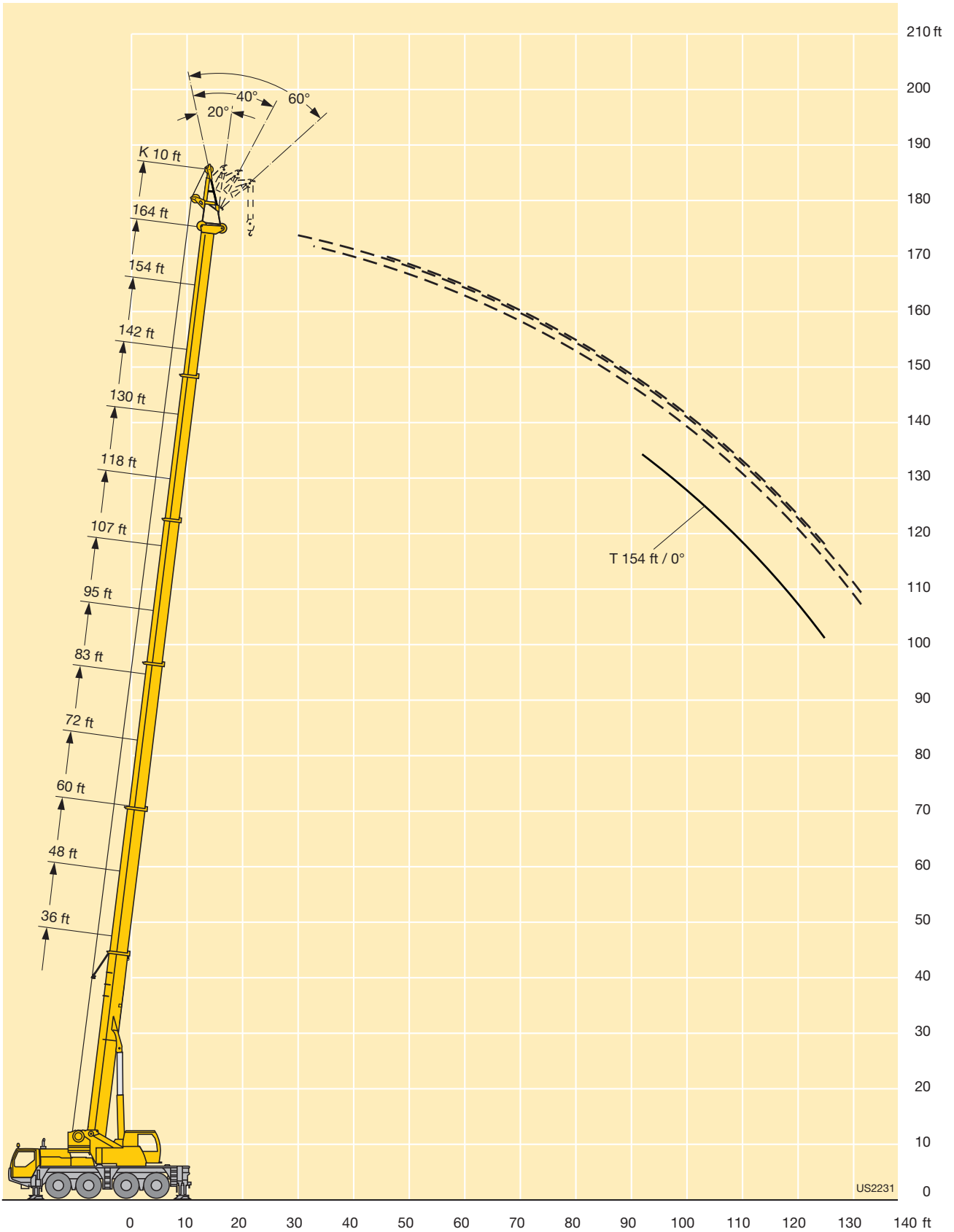
## Forces de levage à la fléchette de montage



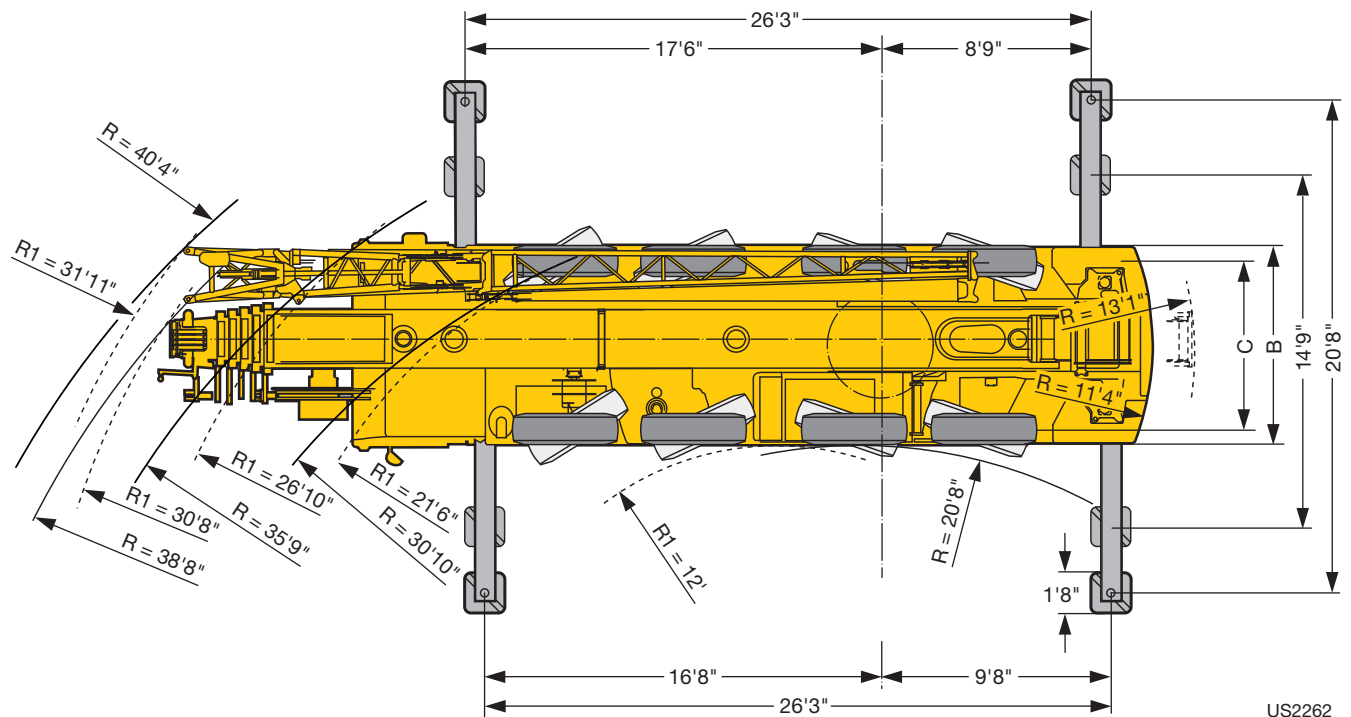
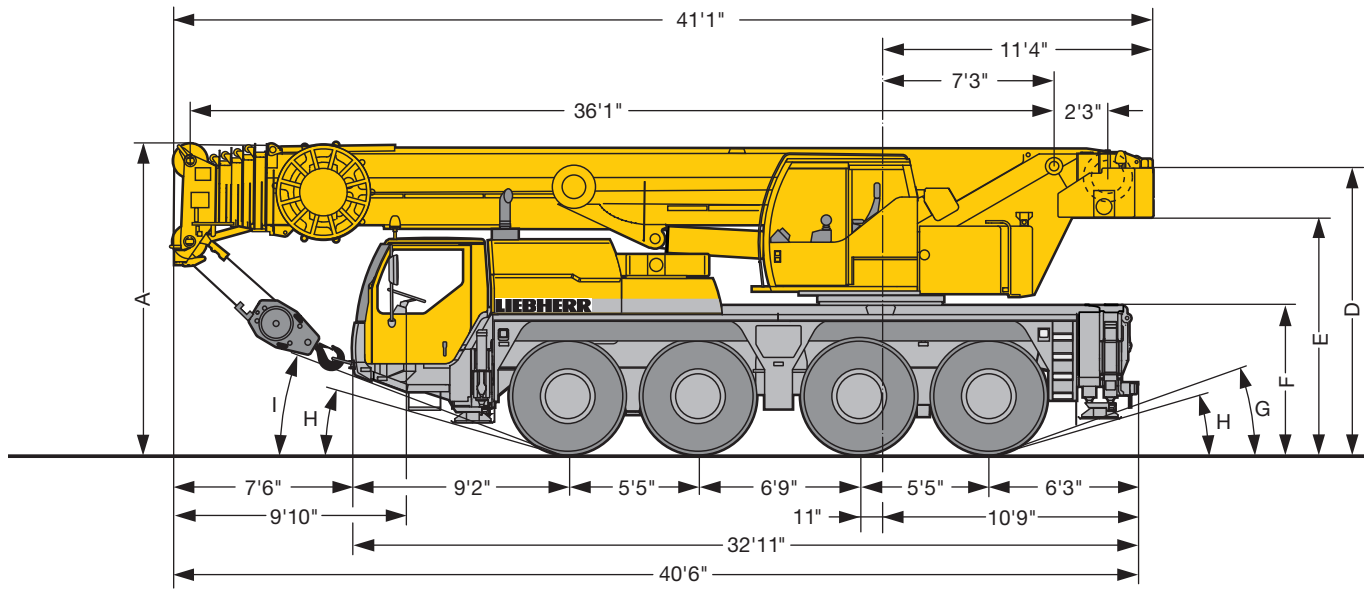
| ft  | 107 ft |      |      |      | 118 ft |      |      |      | 130 ft |     |      |      | 142 ft |     |      |      | 154 ft |     |     |      | 164 ft |      |      |      | ft   |     |     |     |
|-----|--------|------|------|------|--------|------|------|------|--------|-----|------|------|--------|-----|------|------|--------|-----|-----|------|--------|------|------|------|------|-----|-----|-----|
|     | 10 ft  |      |      |      | 10 ft  |      |      |      | 10 ft  |     |      |      | 10 ft  |     |      |      | 10 ft  |     |     |      | 10 ft  |      |      |      |      |     |     |     |
|     | 0°     | 20°  | 40°  | 60°  | 0°     | 20°  | 40°  | 60°  | 0°     | 20° | 40°  | 60°  | 0°     | 20° | 40°  | 60°  | 0°     | 20° | 40° | 60°  | 20°    | 40°  | 60°  | 20°  |      | 40° | 60° |     |
| 17  |        |      | 38.5 |      |        |      |      |      |        |     |      |      |        |     |      |      |        |     |     |      |        |      |      |      |      |     | 17  |     |
| 18  |        |      | 38.3 |      |        |      |      |      |        |     |      |      |        |     |      |      |        |     |     |      |        |      |      |      |      |     |     | 18  |
| 19  |        |      | 38.2 | 31   |        |      | 23   |      |        |     |      |      |        |     |      |      |        |     |     |      |        |      |      |      |      |     |     | 19  |
| 20  |        |      | 38.1 | 38.5 |        |      | 29.3 |      |        |     |      |      |        |     |      |      |        |     |     |      |        |      |      |      |      |     |     | 20  |
| 22  |        |      | 37.8 | 37.7 |        |      | 28.7 | 27.8 |        |     |      | 23.4 |        |     |      |      |        |     |     |      |        |      |      |      |      |     |     | 22  |
| 24  |        |      | 37.5 | 36.8 |        |      | 28.1 | 27.1 |        |     |      | 23.2 | 19.9   |     |      |      | 18.5   |     |     |      |        |      |      |      |      |     |     | 24  |
| 26  |        | 35.6 | 36.5 | 35.9 |        |      | 27.4 | 26.4 |        |     |      | 22.9 | 22.8   |     |      |      | 18.4   |     |     |      |        |      |      |      |      |     |     | 26  |
| 28  |        | 34.5 | 35.2 | 34.8 |        |      | 26.8 | 25.7 |        |     |      | 22.6 | 22.4   |     |      | 18.2 | 18.5   |     |     | 14.3 |        |      |      |      | 10.7 |     |     | 28  |
| 30  |        | 33.5 | 33.9 | 33.6 |        | 27.6 | 26.2 | 25.1 |        |     |      | 22.3 | 22     |     |      | 18.1 | 18.3   |     |     | 14.2 | 14.4   |      |      | 10.6 | 10.8 |     |     | 30  |
| 32  |        | 32.4 | 32.5 | 32.4 |        | 26.9 | 25.5 | 24.5 |        |     | 22.4 | 21.9 | 21.6   |     |      | 17.9 | 18     |     |     | 14.1 | 14.2   |      |      | 10.6 | 10.8 |     |     | 32  |
| 34  |        | 31.2 | 31.2 | 31.2 |        | 26.3 | 24.8 | 23.9 |        |     | 22   | 21.5 | 21.1   |     |      | 17.7 | 17.8   |     |     | 14   | 14.1   |      |      | 10.6 | 10.7 |     |     | 34  |
| 36  |        | 29.7 | 29.9 | 30.1 |        | 25.7 | 24.2 | 23.3 |        |     | 21.6 | 21.1 | 20.7   |     | 17.4 | 17.4 | 17.5   |     |     | 13.9 | 14     |      |      | 10.6 | 10.7 |     |     | 36  |
| 38  |        | 27.5 | 28.1 | 28.6 |        | 25   | 23.5 | 22.7 |        |     | 21.2 | 20.6 | 20.2   |     | 17   | 17.1 | 17.2   |     |     | 13.8 | 13.8   | 13.8 |      | 10.5 | 10.6 |     |     | 38  |
| 40  |        | 25.6 | 26.2 | 26.6 |        | 24.2 | 22.9 | 22.1 |        |     | 20.8 | 20.2 | 19.8   |     | 16.7 | 16.7 | 16.8   |     |     | 13.5 | 13.6   | 13.6 |      | 10.5 | 10.6 |     |     | 40  |
| 45  |        | 22.6 | 22   | 22.4 |        | 21.4 | 21.5 | 20.8 |        |     | 19.6 | 19   | 18.7   |     | 15.9 | 15.8 | 15.9   |     |     | 12.9 | 12.8   | 12.9 | 10.2 | 10.2 | 10.3 |     |     | 45  |
| 50  |        | 19.6 | 19.8 | 19.5 |        | 18.8 | 18.6 | 18.9 |        |     | 17.8 | 17.8 | 17.6   |     | 15   | 14.9 | 14.9   |     |     | 12.3 | 12.1   | 12.1 | 10   | 9.9  | 10   |     |     | 50  |
| 55  |        | 17.3 | 17.3 | 17.6 |        | 16.5 | 16.8 | 16.8 |        |     | 15.5 | 15.8 | 16     |     | 14.1 | 14   | 13.9   |     |     | 11.7 | 11.4   | 11.4 | 9.8  | 9.6  | 9.6  |     |     | 55  |
| 60  | 14.8   | 15.1 | 15.3 | 15.4 |        | 14.4 | 14.7 | 14.9 |        |     | 13.5 | 13.7 | 13.9   |     | 12.9 | 13   | 13     |     |     | 11.1 | 10.9   | 10.8 | 9.4  | 9.3  | 9.3  |     |     | 60  |
| 65  | 13     | 13.1 | 13.3 | 13.4 |        | 12.6 | 12.8 | 13   |        |     | 12.5 | 12.4 | 12.5   |     | 11.4 | 11.7 | 11.9   |     |     | 10.5 | 10.4   | 10.3 | 9    | 8.9  | 8.9  |     |     | 65  |
| 70  | 11.6   | 11.8 | 11.8 | 11.7 | 11.3   | 11   | 11.3 | 11.4 |        |     | 11.1 | 11.3 | 11.3   |     | 10   | 10.2 | 10.4   |     |     | 9.8  | 9.8    | 9.8  | 8.6  | 8.5  | 8.5  |     |     | 70  |
| 75  | 10.3   | 10.5 | 10.6 | 10.7 | 10.1   | 10.3 | 10.3 | 10.2 | 9.6    | 9.8 | 10   | 10.2 |        |     | 9.5  | 9.4  | 9.3    |     |     | 8.7  | 8.9    | 9.1  | 8.2  | 8.2  | 8.2  |     |     | 75  |
| 80  | 9.2    | 9.3  | 9.4  | 9.4  | 8.8    | 9    | 9.2  | 9.3  | 8.5    | 8.6 | 8.8  | 8.9  |        |     | 8.5  | 8.7  | 8.8    |     |     | 7.6  | 7.8    | 8    | 7.5  | 7.7  | 7.8  |     |     | 80  |
| 85  | 8.2    | 8.4  | 8.4  | 8.5  | 8.1    | 8    | 8.1  | 8.2  | 7.7    | 7.9 | 7.9  | 8    | 7.3    | 7.5 | 7.7  | 7.8  |        |     | 6.7 | 6.9  | 7      | 6.7  | 6.8  | 7    |      |     | 85  |     |
| 90  | 7.3    | 7.4  | 7.5  | 7.6  | 7.2    | 7.4  | 7.4  | 7.5  | 6.8    | 7   | 7.1  | 7.2  | 6.4    | 6.6 | 6.7  | 6.8  | 5.6    | 5.8 | 6   | 6.1  | 5.8    | 6    | 6.1  | 5.8  | 6    | 6.1 |     | 90  |
| 95  | 6.5    | 6.6  | 6.6  | 6.7  | 6.4    | 6.5  | 6.6  | 6.6  | 5.9    | 6.1 | 6.2  | 6.3  | 5.5    | 5.7 | 5.9  | 5.9  | 4.9    | 5.1 | 5.2 | 5.3  | 5      | 5.2  | 5.3  | 5    | 5.2  | 5.3 |     | 95  |
| 100 | 5.8    | 5.9  | 6    | 6    | 5.7    | 5.8  | 5.8  | 5.9  | 5.2    | 5.4 | 5.5  | 5.5  | 4.8    | 5   | 5.1  | 5.2  | 4.2    | 4.4 | 4.5 | 4.6  | 4.4    | 4.5  | 4.6  | 4.4  | 4.5  | 4.6 |     | 100 |
| 105 | 5.2    | 5.3  | 5.3  | 5.3  | 5      | 5.1  | 5.2  | 5.2  | 4.5    | 4.7 | 4.8  | 4.8  | 4.2    | 4.3 | 4.4  | 4.5  | 3.6    | 3.8 | 3.9 | 3.9  | 3.8    | 3.9  | 3.8  | 3.9  | 4    |     |     | 105 |
| 110 | 4.7    | 4.7  | 4.7  |      | 4.4    | 4.5  | 4.6  | 4.6  | 4      | 4.1 | 4.1  | 4.2  | 3.6    | 3.7 | 3.8  | 3.9  | 3      | 3.2 | 3.3 | 3.3  | 3.2    | 3.3  | 3.3  | 3.2  | 3.3  | 3.4 |     | 110 |
| 115 |        |      |      |      | 3.9    | 4    | 4    | 4    | 3.4    | 3.5 | 3.6  | 3.6  | 3      | 3.2 | 3.2  | 3.3  | 2.4    | 2.6 | 2.7 | 2.8  | 2.7    | 2.8  | 2.7  | 2.8  | 2.8  | 2.8 |     | 115 |
| 120 |        |      |      |      | 3.5    | 3.5  | 3.5  | 3.5  | 2.9    | 3   | 3.1  | 3.1  | 2.6    | 2.7 | 2.7  | 2.8  | 1.8    | 2   | 2.1 | 2.2  | 2.1    | 2.2  | 2.1  | 2.2  | 2.3  | 2.3 |     | 120 |
| 125 |        |      |      |      |        |      |      |      | 2.5    | 2.6 | 2.6  | 2.6  | 2.1    | 2.2 | 2.3  | 2.3  |        |     |     |      |        |      |      | 1.7  | 1.7  |     |     | 125 |
| 130 |        |      |      |      |        |      |      |      | 2.2    | 2.2 | 2.2  | 2.2  |        | 1.7 | 1.8  | 1.8  |        |     |     |      |        |      |      |      |      |     |     | 130 |

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# Lifting heights Hauteurs de levage



# Dimensions Encombrement



US2262

R<sub>1</sub> = All-wheel steering · Direction toutes roues

|            | Dimensions / Encombrement |             |       |       |        |      |      |     |     |     |
|------------|---------------------------|-------------|-------|-------|--------|------|------|-----|-----|-----|
|            | A                         | A<br>0'4" * | B     | C     | D      | E    | F    | G   | H   | I   |
| 16.00 R 25 | 13'                       | 12'8"       | 8'4"  | 6'11" | 11'11" | 9'9" | 6'2" | 20° | 16° | 22° |
| 20.5 R 25  | 13'                       | 12'8"       | 8'10" | 7'1"  | 11'11" | 9'9" | 6'2" | 20° | 16° | 22° |

\* lowered · abaissé



## Weights Poids



| Axle<br>Essieu<br>lbs | 1     | 2     | 3     | 4     | Total weight<br>Poids total<br>105600 <sup>1)</sup> |
|-----------------------|-------|-------|-------|-------|---|
|                       | 26400 | 26400 | 26400 | 26400 |   |

<sup>1)</sup> with 23600 lbs counterweight and folding jib · avec contrepoids 23600 lbs et fléchette pliante



| Load (kips)<br>Forces de levage (kips) | No. of sheaves<br>Poulies | No. of lines<br>Brins | Weight lbs<br>Poids lbs |
|--|---------------------------|-----------------------|-------------------------|
| 156.8                                  | 7                         | 14                    | 1100                    |
| 130.8                                  | 5                         | 11                    | 1100                    |
| 85.7                                   | 3                         | 7                     | 990                     |
| 35.8                                   | 1                         | 3                     | 605                     |
| 12.7                                   | –                         | 1                     | 240                     |

## Working speeds Vitesses



|                         |     | 1         | 2   | 3   | 4   | 5    | 6    | 7  | 8    | 9    | 10   | 11   | 12 | R 1       | R 2 |        |
|-------------------------|-----|-----------|-----|-----|-----|------|------|----|------|------|------|------|----|-----------|-----|--------|
| 16.00 R 25<br>20.5 R 25 | mph | 1.5 – 3.9 | 5   | 6.5 | 8.4 | 10.6 | 13.7 | 18 | 23.1 | 29.7 | 38.2 | 48.5 | 50 | 1.6 – 4.2 | 5.5 | 35.2 % |
|                         |     | 0.4 – 0.9 | 1.2 | 1.6 | 2.1 | –    | –    | –  | –    | –    | –    | –    | –  | 0.4 – 1   | 1.3 | 60 %   |



| Drive<br>Mécanismes | infinitely variable<br>en continu  | Rope diameter / Rope length<br>Diamètre du câble / Longueur du câble | Max. single line pull<br>Effort au brin maxi. |
|---------------------|--|--|---|
|                     | 0 – 410 ft/min single line<br>ft/min au brin simple  | 0.7" / 656 ft  | 12600 lbs                                     |
|                     | 0 – 410 ft/min single line<br>ft/min au brin simple  | 0.7" / 656 ft  | 12600 lbs                                     |
|                     | 0 – 1.5 rpm  |  |   |
|                     | approx. 55 seconds to reach 83° boom angle<br>env. 55 s jusqu'à 83°                                    |  |   |
|                     | approx. 310 seconds for boom extension from 36 ft – 164 ft<br>env. 310 s pour passer de 36 ft – 164 ft |  |   |

## Crane carrier

|                          |   |
|--------------------------|---|
| <b>Frame</b>             | Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.   |
| <b>Outriggers</b>        | 4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator.   |
| <b>Engine</b>            | 6-cylinder Diesel engine, make Liebherr, type D936L A6, watercooled, 270 kW (367 HP) at 2000 rpm, max. torque 1254 lbs-ft at 1000 – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3a and EPA/CARB Tier 3. Fuel tank: 108 gallons.  |
| <b>Transmission</b>      | ZF 12-speed gear box with automatic control system AS-TRONIC. Two-stage transfer case with lockable transfer differential.  |
| <b>Axles</b>             | Welded design, made of high-tensile fine grained steel. All axles steerable. Axles 3 and 4 are planetary axles with differential locks.   |
| <b>Suspension</b>        | All axles are mounted on hydropneumatic suspension and are lockable hydraulically.  |
| <b>Tyres</b>             | 8 tyres, size: 16.00 R 25.  |
| <b>Steering</b>          | ZF-servocom power steering, dual circuit system, with hydraulic servo system and auxiliary pump circuit. 1. and 2. axle mechanically, 3. and 4. axle hydromechanically speed regulated steered. Steering acc. to EC directive 70/311/EEC.   |
| <b>Brakes</b>            | Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit.<br>Hand brake: Spring-loaded, acting on all wheels of axles 1, 2 and 4.<br>Sustained-action brake: Exhaust retarder with additional Liebherr braking system. Anti-lock device in conjunction with anti-skid control. Brakes acc. to EC directive 71/320/EEC. |
| <b>Driver's cab</b>      | Spacious, steel made, corrosion resistant cab, cataphoretic dip-primed, on resilient suspension with hydraulic shock absorbers, sound and heat absorbing internal panelling acc. to EC directive, safety glazing, operating and control instruments, comfortably equipped.  |
| <b>Electrical system</b> | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting according to traffic regulations.   |

## Crane superstructure

|                          |   |
|--------------------------|---|
| <b>Frame</b>             | Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the carrier for continuous rotation.  |
| <b>Crane drive</b>       | Diesel-hydraulic with 1 axial variable displacement pump with automatic capacity control, 1 double gear pump, driven by the carrier Diesel engine, open regulated oil circuits with electrically controlled "load sensing", operation of 4 movements simultaneously.                          |
| <b>Crane control</b>     | Electrical control of drives by self-centering joysticks, armrest-integrated control elements, Liebherr system bus (LSB).   |
| <b>Hoist gear</b>        | Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake. Hoist gear is driven through a controlled open oil circuit.   |
| <b>Luffing gear</b>      | 1 differential ram with safety check valves.  |
| <b>Slewing gear</b>      | Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as a standard feature.   |
| <b>Crane cab</b>         | All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.   |
| <b>Safety devices</b>    | LICCON2 safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.   |
| <b>Telescopic boom</b>   | Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system "Telematik". Boom length: 36 ft – 164 ft. |
| <b>Counterweight</b>     | 23600 lbs basic counterweight.  |
| <b>Electrical system</b> | Modern data bus technique, 24 Volt DC.  |

## Additional equipment

|                                  |   |
|----------------------------------|---|
| <b>Swing-away jib</b>            | 31 ft – 52 ft long, mountable to the telescopic boom at 0°, 20°, 40° or 60°. Hydraulic ram for operating the swing-away jib from 0° – 60° (option). |
| <b>2<sup>nd</sup> hoist gear</b> | For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.  |
| <b>Additional counterweight</b>  | 8400 lbs for a total counterweight of 32000 lbs.  |
| <b>Tyres</b>                     | 8 tyres, size 20.5 R 25.  |
| <b>Drive 8 x 6</b>               | Additional drive of the 1 <sup>st</sup> axle.   |

Other items of equipment available on request.

## Châssis porteur

|                                |  |
|--------------------------------|--|
| <b>Cadre</b>                   | Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.   |
| <b>Calage</b>                  | Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison.   |
| <b>Moteur</b>                  | Diesel, 6 cylindres, marque Liebherr, type D936L A6, refroidi par eau, puissance 270 kW (367 ch) à 2000 rpm, couple max. 1254 lbs-ft à 1000 – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3a et EPA/CARB Tier 3. Réservoir à carburant: 108 gallons.  |
| <b>Boîte de vitesse</b>        | Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Boîte de transfert à 2 étages avec blocage de différentiel.   |
| <b>Essieux</b>                 | Construction soudée en acier à haute résistance fins grains. Tous les essieux directeurs. Essieux 3 et 4 planétaires avec blocage différentiel.  |
| <b>Suspension</b>              | Suspension hydropneumatique sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.  |
| <b>Pneumatiques</b>            | 8 pneus de taille: 16.00 R 25.   |
| <b>Direction</b>               | Direction hydraulique ZF-servocom, à deux circuits, assistée hydrauliquement, avec pompe auxiliaire entraînée par essieu. 1er et 2ème essieu dirigés mécaniquement en fonction de la vitesse, 3ème et 4ème essieu dirigés électrohydrauliquement en fonction de la vitesse. Direction conforme aux directives européennes 70/311/EWG.  |
| <b>Freins</b>                  | Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits.<br>Frein à main: par cylindres à ressorts, agissant sur les roues des essieux 1,2 et 4.<br>Frein à régime continu: Ralentisseur sur échappement avec système de freinage additionnel Liebherr. Dispositif anti-enrayeur avec contrôle antipatinage.<br>Freins selon directive CE 71/320/EWG. |
| <b>Cabine du conducteur</b>    | Cabine spacieuse en tôle d'acier, traitement anticorrosion par bain de cataphorèse, avec suspension élastique et amortisseurs hydrauliques, revêtement intérieur avec isolation phonique et thermique selon les directives européennes, glaces de sécurité, appareils de commande et de contrôle, équipement confortable.  |
| <b>Installation électrique</b> | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune, éclairage conforme au code de la route.  |

## Partie tournante

|              |  |
|--------------|--|
| <b>Cadre</b> | Construction soudée résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide. Couronne d'orientation à rouleaux à 3 rangées permettant une rotation illimitée sert de pièce de liaison avec le châssis de la grue. |
|--------------|--|

|                                |  |
|--------------------------------|--|
| <b>Entraînement de la grue</b> | Diesel hydraulique avec 1 pompe double à débit variable et régulation de puissance automatique, 1 pompe à engrenages double, entraînés par le moteur Diesel du porteur, circuits hydrauliques ouverts avec «load sensing», régulé électriquement. 4 mouvements simultanés praticables.     |
| <b>Commande</b>                | Commande électrique des mécanismes par leviers de manoeuvre à centrage automatique, commandes de grue «grand confort» intégrées aux accoudoirs du siège, Liebherr système bus.   |
| <b>Mécanisme de levage</b>     | Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort. L'entraînement du treuil de levage s'effectue en circuit régulé et fermé.   |
| <b>Mécanisme de relevage</b>   | 1 vérin différentiel avec soupapes de retenu.  |
| <b>Dispositif de rotation</b>  | Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort. Orientation de série commutable en circuit hydraulique ouvert ou fermé (freinage automatique ou au pied).   |
| <b>Cabine du grutier</b>       | Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable, cabine inclinable vers l'arrière.   |
| <b>Dispositif de sécurité</b>  | Contrôleur de charge «LICCON2», système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.  |
| <b>Flèche télescopique</b>     | Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide «Telematik». Longueur de flèche: 36 ft – 164 ft. |
| <b>Contrepoids</b>             | Contrepoids principal de 23600 lbs.  |
| <b>Installation électrique</b> | Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts.   |

## Équipement supplémentaire

|                                   |   |
|-----------------------------------|---|
| <b>Fléchette pliante</b>          | Longueur: 31 ft – 52 ft, montable sous un angle de 0°, 20°, 40° ou 60°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 60° (en option). |
| <b>2ème mécanisme de levage</b>   | Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.               |
| <b>Contrepoids supplémentaire</b> | 8400 lbs pour un contrepoids total de 32000 lbs.  |
| <b>Pneumatiques</b>               | 8 pneus. Taille: 20.5 R 25.   |
| <b>Entraînement 8 x 6</b>         | Essieu 1 est entraîné additionnellement.  |

Autres équipements supplémentaires sur demande.

## Remarks referring to load charts

1. The tabulated lifting capacities do not exceed 85% of the tipping load.
2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
3. The 85% overturning limit values take into account wind force 5 = wind speed 20 mph.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centreline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Subject to modification of lifting capacities.
9. Lifting capacities above 117900 lbs only with additional pulley block.

## Remarques relatives aux tableaux des charges

1. Les forces de levage indiquées ne dépassent pas 85% de la charge de basculement.
2. La norme DIN 15018, 3ème partie est appliquée pour les charpentes. La construction de la grue est réalisée conformément à la norme DIN 15018, 2ème partie, et aux règles de la F. E. M.
3. A 85% de la charge de basculement, il a été tenu compte d'un vent de force 5 = vitesse de vent 20 mph.
4. Les forces de levage sont données en kips.
5. Les poids des moufles et crochets doit être soustrait des charges indiquées.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les forces indiquées pour la flèche télescopique s'entendent fléchette déployable déposée.
8. Charges données sous réserve de modification.
9. Les charges supérieures à 117900 lbs ne peuvent être levées qu'avec poulie supplémentaire.