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# Easy financial management starts with transport

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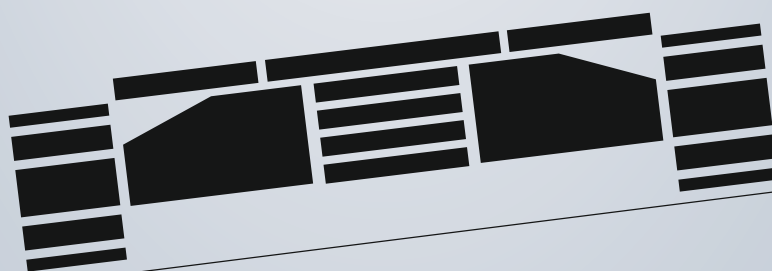
## LTR 1150

**Load charts – Ground slope**

Tableaux des charges – Inclinaison du terrain

# LIEBHERR

**Mobile and crawler cranes**



# Lifting capacities

## Forces de levage

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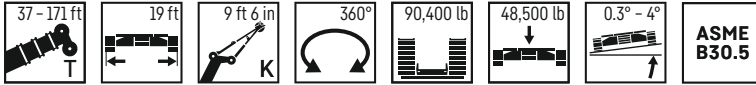
|    | 37 ft |       |       |       |       | 50 ft |       |       |       |      | 62 ft |       |       |       |      | 74 ft |       |       |       |      | 86 ft |       |       |      |      | 99 ft |       |       |      |      |    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|-------|-------|-------|------|------|-------|-------|-------|------|------|----|
|    | 0.3°  | 0.7°  | 1.5°  | 2.5°  | 4°    | 0.3°  | 0.7°  | 1.5°  | 2.5°  | 4°   | 0.3°  | 0.7°  | 1.5°  | 2.5°  | 4°   | 0.3°  | 0.7°  | 1.5°  | 2.5°  | 4°   | 0.3°  | 0.7°  | 1.5°  | 2.5° | 4°   | 0.3°  | 0.7°  | 1.5°  | 2.5° | 4°   |    |
| 10 | 189.6 | 189.6 | 189.6 | 187.2 |       | 178.7 | 177.3 | 175.9 |       |      | 175.5 | 174.5 | 171.2 |       |      | 173.6 | 172.5 |       |       |      | 168.8 |       |       |      |      |       |       |       |      |      | 10 |
| 11 | 189.6 | 189.6 | 189.6 | 180.5 |       | 180.2 | 178.8 | 177.2 |       |      | 176.3 | 175.2 | 167.8 |       |      | 174.2 | 173   |       |       |      | 165.6 |       |       |      |      |       | 98.3  |       |      |      | 11 |
| 12 | 189.6 | 189.6 | 189.2 | 174.2 |       | 181.9 | 180.4 | 175.1 | 157.1 |      | 177.2 | 176   | 162.1 |       |      | 174.8 | 170.9 |       |       |      | 162.5 | 149.2 |       |      |      |       | 128.9 |       |      |      | 12 |
| 13 | 189.6 | 189.6 | 185.4 | 167.7 |       | 183.5 | 182   | 170.4 | 152.1 |      | 178.3 | 174.9 | 157   | 135.8 |      | 175.6 | 166.5 | 146   |       |      | 158.7 | 145.4 |       |      |      |       | 126.5 |       |      |      | 13 |
| 14 | 189.6 | 189.6 | 178.2 | 161.6 |       | 185.1 | 179.1 | 165.1 | 147.5 |      | 179.5 | 170.6 | 152.3 | 133.1 |      | 176.1 | 161   | 141.5 |       |      | 154.4 | 141.6 |       |      |      |       | 123.9 | 98.6  |      |      | 14 |
| 15 | 188.7 | 183.2 | 171.6 | 156   | 125.4 | 184.2 | 176.6 | 159.8 | 143.2 | 76.7 | 179.7 | 165.3 | 147.9 | 130.8 |      | 174.8 | 155.7 | 137.3 |       |      | 150.2 | 137.9 |       |      |      |       | 121.2 | 112.7 |      |      | 15 |
| 16 | 180.9 | 175.7 | 165.3 | 150.3 | 125.8 | 180   | 170.8 | 154.9 | 139.2 | 76.9 | 177.7 | 160.4 | 143.9 | 129   |      | 168.8 | 150.4 | 134.8 |       |      | 146   | 138   | 124.4 |      |      |       | 118.4 | 110.3 |      |      | 16 |
| 17 | 173.2 | 168.5 | 158.9 | 144.6 | 127.9 | 173.9 | 165.6 | 150.5 | 136.1 | 85.4 | 172.3 | 155.8 | 139.9 | 125.7 | 46.4 | 163.5 | 146   | 131.7 | 113.6 |      | 141.8 | 138.6 | 122.8 |      |      |       | 115.6 | 108   |      |      | 17 |
| 18 | 166.1 | 161.9 | 152.6 | 138.8 | 123   | 166.7 | 159.9 | 145.8 | 132.4 | 85.9 | 166.7 | 151.2 | 136.1 | 122.5 | 52.5 | 158.5 | 141.9 | 128.4 | 113   |      | 140.3 | 135.6 | 119.8 |      |      |       | 113   | 105.7 |      |      | 18 |
| 19 | 159.7 | 156   | 146.6 | 133.3 | 118   | 160   | 154   | 141.5 | 128.5 | 86.4 | 159.9 | 146.5 | 132.9 | 119.2 | 52.6 | 153.8 | 138.2 | 125.2 | 110.5 |      | 140.9 | 132.4 | 116.9 |      |      |       | 110.5 | 103.5 |      |      | 19 |
| 20 | 153.8 | 150.5 | 140.7 | 127.8 | 113   | 154.1 | 148.6 | 137.9 | 124.8 | 87   | 154   | 142.5 | 130.3 | 116.4 | 58.3 | 149.1 | 136.1 | 122.1 | 107.8 |      | 141.3 | 128.9 | 114   |      |      |       | 108   | 101.3 | 99.1 |      | 20 |
| 22 | 142.7 | 140   | 128.6 | 116.5 | 102.4 | 143.8 | 139.2 | 129.8 | 117.7 | 88.1 | 143.2 | 136.5 | 123.7 | 110.9 | 58.6 | 141.1 | 129.4 | 116.2 | 102.9 | 36.6 | 136.9 | 122.5 | 108.8 | 95.4 |      |       | 103.4 | 101.4 | 97.2 |      | 22 |
| 24 | 133.3 | 126.6 | 115.8 | 104.3 | 90.6  | 134.4 | 130.4 | 122.3 | 111   | 89.5 | 134.8 | 128.6 | 117.5 | 105.6 | 59.2 | 133.6 | 123.1 | 110.7 | 98.4  | 40.1 | 130   | 116.8 | 104.2 | 91.6 |      |       | 103.2 | 102   | 95.1 | 72.1 | 24 |
| 26 | 120.8 | 110.8 | 100.5 | 89.4  | 75.8  | 125.1 | 120.8 | 115   | 104.4 | 91   | 125.5 | 119.6 | 111.6 | 100.5 | 59.8 | 125.2 | 116.6 | 105.7 | 94.4  | 40.3 | 122.9 | 111.3 | 99.5  | 89.3 | 26.2 | 103.9 | 102.1 | 93    | 72.5 |      | 26 |
| 28 | 95.3  | 85.7  | 75.8  | 64.7  | 50.8  | 115.4 | 111.9 | 108   | 97.9  | 86.3 | 116.2 | 111   | 105.3 | 95.9  | 60.4 | 115.7 | 109.1 | 100.8 | 90.4  | 40.7 | 115   | 104.9 | 94.6  | 86.6 | 26.3 | 102.7 | 100.5 | 90.9  | 72.2 |      | 28 |
| 30 |       |       |       |       |       | 106.9 | 104   | 100.9 | 91.3  | 80.3 | 107.5 | 103.1 | 98.4  | 91.2  | 61.1 | 107.2 | 101.5 | 95.2  | 85.8  | 41.1 | 105.9 | 97.3  | 90.7  | 82.9 | 26.4 | 100.2 | 94.5  | 85.7  | 71.6 | 17.5 | 30 |
| 32 |       |       |       |       |       | 99.4  | 97.1  | 93.8  | 84.7  | 74   | 100.1 | 96.3  | 91.9  | 84.9  | 62.1 | 99.9  | 94.9  | 88.7  | 80.3  | 41.6 | 98    | 93.2  | 86.1  | 78.1 | 26.6 | 96.8  | 88.6  | 80.6  | 70.6 | 17.6 | 32 |
| 34 |       |       |       |       |       | 92.9  | 91.1  | 86.5  | 77.8  | 67.4 | 93.6  | 90.2  | 85    | 79    | 63.6 | 93.2  | 88.5  | 81.9  | 76.2  | 42.2 | 93.5  | 88    | 81.1  | 73.2 | 26.8 | 90.2  | 82.9  | 75.8  | 67.8 | 17.7 | 34 |
| 36 |       |       |       |       |       | 86.9  | 84.3  | 78.2  | 69.8  | 59.9 | 87.6  | 83.6  | 79    | 73.9  | 64.2 | 87.2  | 81.9  | 77.9  | 72.1  | 42.7 | 88.7  | 82.4  | 76    | 68.7 | 27.1 | 84.4  | 78    | 71.5  | 64.4 | 17.8 | 36 |
| 38 |       |       |       |       |       | 80.3  | 75.8  | 68.2  | 60    | 50.2 | 81.2  | 77.4  | 73.5  | 69.8  | 63.3 | 81    | 78    | 73.1  | 67.6  | 43.3 | 82.8  | 76.8  | 70.8  | 64.4 | 27.5 | 79.2  | 73.4  | 67.6  | 60.8 | 17.9 | 38 |
| 40 |       |       |       |       |       | 67.1  | 60.6  | 53.2  | 44.9  | 34.2 | 75.3  | 72.2  | 69.7  | 65.9  | 60.5 | 77.3  | 73    | 68.6  | 63.7  | 44.1 | 76.8  | 71.5  | 66.3  | 60.6 | 27.8 | 74.3  | 69.2  | 63.4  | 57.2 | 18.1 | 40 |
| 45 |       |       |       |       |       |       |       |       |       |      | 64.3  | 62.2  | 60    | 58    | 51.3 | 65.4  | 62.4  | 59.2  | 55.6  | 46.7 | 64.9  | 61.1  | 57.2  | 52.9 | 28.8 | 63.7  | 59.2  | 54.7  | 49.8 | 18.6 | 45 |
| 50 |       |       |       |       |       |       |       |       |       |      | 56.1  | 54.9  | 51    | 44.4  | 36.1 | 56.3  | 54.1  | 51.8  | 49.2  | 43.5 | 55.8  | 52.9  | 50    | 46.7 | 30.2 | 54.7  | 51.3  | 47.8  | 44   | 19.2 | 50 |
| 55 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      | 49.2  | 47.6  | 46    | 44.1  | 41.3 | 48.6  | 46.5  | 44.2  | 41.7 | 32.1 | 47.5  | 44.9  | 42.2  | 39.1 | 20   | 55 |
| 60 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      | 43.5  | 42.4  | 41.3  | 39    | 32.2 | 42.9  | 41.2  | 39.5  | 37.5 | 33.8 | 41.8  | 39.8  | 37.7  | 35.8 | 21.2 | 60 |
| 65 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      | 33.2  | 28.6  | 24.6  | 19.4  |      | 38.2  | 36.9  | 35.6  | 34.1 | 32   | 37.7  | 36.1  | 34.4  | 32.6 | 22.7 | 65 |
| 70 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      |       |       |       |       |      | 34.3  | 33.4  | 32.4  | 31.3 | 27.7 | 33.8  | 33    | 32    | 30.9 | 24.5 | 70 |
| 75 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      |       |       |       |       |      | 31    | 30.4  | 27.8  | 23.2 | 18.4 | 31.5  | 30.7  | 29.8  | 28.5 | 25.4 | 75 |
| 80 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      |       |       |       |       |      |       |       |       |      |      | 29.1  | 28.3  | 27.4  | 26.5 | 24.8 | 80 |
| 85 |       |       |       |       |       |       |       |       |       |      |       |       |       |       |      |       |       |       |       |      |       |       |       |      |      | 26.6  | 26.1  | 25.4  | 23.1 | 18.7 | 85 |

|  | 111 ft |      |      |      |      | 123 ft |      |      |      |      | 136 ft |      |      |      | 148 ft |      |      |      | 160 ft |      |      |      | 171 ft |      |      |      |  |
|------------------------------------------------------------------------------------|--------|------|------|------|------|--------|------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|---------------------------------------------------------------------------------------|
|                                                                                    | 0.3°   | 0.7° | 1.5° | 2.5° | 4°   | 0.3°   | 0.7° | 1.5° | 2.5° | 4°   | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° |                                                                                       |
| 14                                                                                 | 103.2  |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 14                                                                                    |
| 15                                                                                 | 101.7  |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 15                                                                                    |
| 16                                                                                 | 99.8   |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 16                                                                                    |
| 17                                                                                 | 98.2   |      |      |      |      | 82.7   |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 17                                                                                    |
| 18                                                                                 | 97.1   | 91.2 |      |      |      | 81.9   |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 18                                                                                    |
| 19                                                                                 | 96     | 89   |      |      |      | 80.8   |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 19                                                                                    |
| 20                                                                                 | 94.7   | 87.2 |      |      |      | 79.6   |      |      |      |      | 66.8   |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 20                                                                                    |
| 22                                                                                 | 90.7   | 83.5 |      |      |      | 77.5   | 71.7 |      |      |      | 65.7   |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 22                                                                                    |
| 24                                                                                 | 87     | 80.3 | 71.9 |      |      | 74.8   | 69.3 |      |      |      | 64.2   |      |      |      | 53.9   |      |      |      |        |      |      |      |        |      |      |      | 24                                                                                    |
| 26                                                                                 | 83.1   | 76.8 | 69.2 |      |      | 72.2   | 67.1 |      |      |      | 62.6   | 58.1 |      |      | 53     |      |      |      | 44     |      |      |      |        |      |      |      | 26                                                                                    |
| 28                                                                                 | 79.5   | 73.6 | 66.8 |      |      | 69.4   | 64.6 | 57.9 |      |      | 61.1   | 56.5 |      |      | 52     | 48.5 |      |      | 43.6   |      |      |      | 36     |      |      |      | 28                                                                                    |
| 30                                                                                 | 76.1   | 70.8 | 64.5 |      |      | 66.9   | 62.1 | 56   |      |      | 59.3   | 54.8 |      |      | 51.1   | 47.4 |      |      | 43.1   |      |      |      | 35.8   |      |      |      | 30                                                                                    |
| 32                                                                                 | 73.1   | 68.3 | 62.4 | 52   |      | 64.6   | 59.7 | 54.2 |      |      | 57.3   | 53.1 | 47.7 |      | 50     | 46.2 |      |      | 42.5   | 39.8 |      |      | 35.6   |      |      |      | 32                                                                                    |
| 34                                                                                 | 70.5   | 65.9 | 60.5 | 51   | 10.4 | 62.1   | 57.6 | 52.5 | 39.5 |      | 55.5   | 51.3 | 46.4 |      | 48.6   | 44.9 |      |      | 42     | 39.1 |      |      | 35.2   | 33.1 |      |      | 34                                                                                    |
| 36                                                                                 | 67.6   | 63.4 | 58.4 | 50   | 10.9 | 59.8   | 55.7 | 50.9 | 39.4 |      | 53.7   | 49.6 | 45.1 |      | 47.2   | 43.7 | 39.4 |      | 41.2   | 38.2 |      |      | 34.8   | 32.7 |      |      | 36                                                                                    |
| 38                                                                                 | 65     | 61.2 | 56.6 | 49.2 | 11.1 | 57.8   | 54   | 49.5 | 38.9 | 5.2  | 51.9   | 48.1 | 43.9 | 29.6 | 45.9   | 42.5 | 38.5 |      | 40.4   | 37.4 |      |      | 34.4   | 32.2 |      |      | 38                                                                                    |
| 40                                                                                 | 62.5   | 59.1 | 54.8 | 48.5 | 11.3 | 55.9   | 52.2 | 48   | 38.5 | 5.3  | 50.2   | 46.7 | 42.7 | 29.7 | 44.6   | 41.3 | 37.6 |      | 39.4   | 36.6 | 32.4 |      | 33.9   | 31.7 |      |      | 40                                                                                    |
| 45                                                                                 | 56.6   | 53.9 | 50.1 | 46.4 | 11.5 | 51.1   | 48   | 44.5 | 37.7 | 5.9  | 46.4   | 43.4 | 39.8 | 29.8 | 41.2   | 38.6 | 35.3 | 22.5 | 37     | 34.4 | 31.2 | 16.9 | 32.4   | 30.3 | 25.8 |      | 45                                                                                    |
| 50                                                                                 | 52.1   | 49.6 | 46.6 | 42.8 | 11.9 | 46.7   | 44.2 | 41.2 | 37.3 | 6.7  | 42.9   | 40.3 | 37.1 | 30   | 38.6   | 36.2 | 33.2 | 22.9 | 34.7   | 32.4 | 29.6 | 17.2 | 30.7   | 28.7 | 26   | 13   | 50                                                                                    |
| 55                                                                                 | 47.6   | 44.8 | 41.7 | 38.6 | 12.3 | 43     | 41   | 38.4 | 35.6 | 7.4  | 39.4   | 37.1 | 34.3 | 30.2 | 36     | 33.9 | 31.2 | 23.2 | 32.6   | 30.5 | 27.9 | 17.4 | 29.1   | 27.2 | 24.9 | 13.2 | 55                                                                                    |
| 60                                                                                 | 42.1   | 40.1 | 37.6 | 35.1 | 12.8 | 40.1   | 38.3 | 36   | 33.4 | 7.8  | 36.4   | 34.5 | 32   | 29.5 | 33.4   | 31.5 | 29.2 | 23.6 | 30.6   | 28.7 | 26.3 | 17.8 | 27.5   | 25.8 | 23.6 | 13.4 | 60                                                                                    |
| 65                                                                                 | 37.8   | 36.1 | 34.1 | 31.8 | 13.4 | 37.4   | 35.5 | 33.3 | 30.9 | 8.1  | 33.8   | 32.2 | 30.1 | 27.9 | 31.2   | 29.6 | 27.5 | 23.6 | 28.5   | 26.8 | 24.8 | 18.1 | 25.9   | 24.4 | 22.4 | 13.7 | 65                                                                                    |
| 70                                                                                 | 34.3   | 32.7 | 31   | 29   | 14.3 | 33.9   | 32.4 | 30.6 | 28.4 | 8.4  | 31.5   | 30.1 | 28.3 | 26.5 | 29.2   | 27.8 | 25.9 | 23.2 | 26.6   | 25.1 | 23.2 | 18.3 | 24.4   | 23   | 21.2 | 13.9 | 70                                                                                    |
| 75                                                                                 | 30.9   | 29.6 | 28.2 | 26.6 | 15.3 | 31.1   | 29.5 | 27.9 | 26   | 9    | 29.5   | 28.3 | 26.8 | 25.1 | 27.4   | 26.2 | 24.5 | 22.5 | 24.9   | 23.6 | 21.9 | 18.5 | 22.8   | 21.6 | 20   | 14.1 | 75                                                                                    |
| 80                                                                                 | 28     | 27   | 26   | 25.1 | 16.6 | 28.2   | 26.9 | 25.5 | 24   | 9.7  | 27.6   | 26.5 | 25   | 23.1 | 25.7   | 24.6 | 23.2 | 21.4 | 23.4   | 22.2 | 20.7 | 18.5 | 21.4   | 20.3 | 18.9 | 14.4 | 80                                                                                    |
| 85                                                                                 | 26     | 25.4 | 24.7 | 23.6 | 18.9 | 25.7   | 24.7 | 23.8 | 22.4 | 10.4 | 25.7   | 24.4 | 22.9 | 21.4 | 24.1   | 23.1 | 21.8 | 20.3 | 22.1   | 21   | 19.7 | 17.8 | 20.2   | 19.2 | 17.9 | 14.6 | 85                                                                                    |
| 90                                                                                 | 24.4   | 23.7 | 22.9 | 22   | 20   | 23.8   | 22.9 | 21.9 | 20.7 | 11.5 | 23.4   | 22.5 | 21.4 | 20   | 22.7   | 21.6 | 20.3 | 19   | 20.8   | 19.8 | 18.6 | 17   | 19.1   | 18.1 | 17   | 14.4 | 90                                                                                    |
| 95                                                                                 | 22.5   | 21.9 | 21.4 | 20.7 | 16.8 | 21.9   | 21   | 20.3 | 19.4 | 13.1 | 21.8   | 20.8 | 19.7 | 18.5 | 21     | 20.1 | 19.1 | 17.7 | 19.5   | 18.6 | 17.5 | 16.2 | 18     | 17.1 | 16.1 | 14.1 | 95                                                                                    |
| 100                                                                                | 20.8   | 19.8 | 17.1 | 13.9 | 9.3  | 20.3   | 19.7 | 19   | 18.1 | 15   | 20     | 19.1 | 18.2 | 17.2 | 19.6   | 18.6 | 17.5 | 16.3 | 18.4   | 17.5 | 16.4 | 15   | 17     | 16.2 | 15.2 | 13.7 | 100                                                                                   |
| 105                                                                                |        |      |      |      |      | 18.8   | 18.2 | 17.8 | 17.3 | 15.6 | 18.3   | 17.6 | 16.9 | 16   | 18     | 17.2 | 16.2 | 15.2 | 17.1   | 16.1 | 15.1 | 13.9 | 16     | 15.3 | 14.4 | 13.4 | 105                                                                                   |
| 110                                                                                |        |      |      |      |      | 17.8   | 17.5 | 17   | 14.4 | 10.4 | 16.9   | 16.3 | 15.7 | 15.1 | 16.5   | 15.8 | 15   | 14.1 | 15.7   | 14.8 | 13.9 | 12.8 | 15.1   | 14.5 | 13.7 | 12.6 | 110                                                                                   |
| 115                                                                                |        |      |      |      |      |        |      |      |      |      | 15.7   | 15.4 | 14.9 | 14.3 | 15.2   | 14.6 | 13.9 | 13.1 | 14.4   | 13.6 | 12.8 | 11.9 | 14.3   | 13.6 | 12.7 | 11.6 | 115                                                                                   |
| 120                                                                                |        |      |      |      |      |        |      |      |      |      | 14.8   | 14.4 | 14   | 13.3 | 14.1   | 13.5 | 12.9 | 12.3 | 13.2   | 12.5 | 11.8 | 11   | 13.3   | 12.5 | 11.7 | 10.8 | 120                                                                                   |
| 125                                                                                |        |      |      |      |      |        |      |      |      |      | 13.8   | 12.1 |      | 9.7  | 13     | 12.5 | 12   | 11.5 | 12.1   | 11.5 | 10.9 | 10.2 | 12.2   | 11.5 | 10.8 | 10   | 125                                                                                   |
| 130                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      | 12     | 11.7 | 11.3 | 10.8 | 11.1   | 10.6 | 10.1 | 9.6  | 11.2   | 10.6 | 10   | 9.4  | 130                                                                                   |
| 135                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      | 11.2   | 10.9 | 10.3 |      | 10.2   | 9.8  | 9.5  | 9    | 10.2   | 9.8  | 9.4  | 8.8  | 135                                                                                   |
| 140                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      | 9.5    | 9.2  | 8.9  | 8.6  | 9.5    | 9.2  | 8.8  | 8.3  | 140                                                                                   |
| 145                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      | 8.9    | 8.7  | 8.5  | 7.6  | 8.9    | 8.6  | 8.3  | 7.9  | 145                                                                                   |
| 150                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      | 8      | 6.5  | 4.9  | 3    | 8.3    | 8.1  | 7.8  | 7.5  | 150                                                                                   |
| 155                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 7.8    | 7.6  | 7.4  | 6.8  | 155                                                                                   |
| 160                                                                                |        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 7.4    | 6.3  | 4.8  | 3.1  | 160                                                                                   |

# Lifting capacities

## Forces de levage

TK



|  | 37 ft       |      |      |      |      | 50 ft |      |      |      |      | 62 ft |      |      |      |      | 74 ft |      |      |      |      | 86 ft |      |      |      |      | 99 ft |      |      |      |      |  |    |
|----------------------------------------------------------------------------------|-------------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------------------------------------------------------------------------------------|----|
|                                                                                  | K 9 ft 6 in |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |                                                                                     |    |
|                                                                                  | 0.3°        | 0.7° | 1.5° | 2.5° | 4°   | 0.3°  | 0.7° | 1.5° | 2.5° | 4°   | 0.3°  | 0.7° | 1.5° | 2.5° | 4°   | 0.3°  | 0.7° | 1.5° | 2.5° | 4°   | 0.3°  | 0.7° | 1.5° | 2.5° | 4°   | 0.3°  | 0.7° | 1.5° | 2.5° | 4°   |                                                                                     |    |
| 10                                                                               | 76.2        | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       |      |      |      |      |                                                                                     | 10 |
| 11                                                                               | 76.2        | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       |      |      |      |      |                                                                                     | 11 |
| 12                                                                               | 76.2        | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       |      |      |      |      |                                                                                     | 12 |
| 13                                                                               | 76.2        | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       |      |      |      |      |                                                                                     | 13 |
| 14                                                                               | 76.2        | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       |      |      |      |      |                                                                                     | 14 |
| 15                                                                               | 76.2        | 76.2 | 75.9 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 |      |      |      |                                                                                     | 15 |
| 16                                                                               | 76.2        | 76.2 | 75.2 | 72.7 |      | 76.2  | 76.2 | 76.2 | 75.6 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 |      |      |      |                                                                                     | 16 |
| 17                                                                               | 76.2        | 76.1 | 74.2 | 71.6 |      | 76.2  | 76.2 | 76.2 | 74.7 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 |      |      |      |                                                                                     | 17 |
| 18                                                                               | 76.1        | 74.9 | 72.9 | 70.5 |      | 76.2  | 76.2 | 76.2 | 73.9 |      | 76.2  | 76.2 | 76.2 | 76.2 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 |      |      |      |                                                                                     | 18 |
| 19                                                                               | 75.2        | 73.7 | 71.8 | 69.5 |      | 76.2  | 76.2 | 75.7 | 73.2 |      | 76.2  | 76.2 | 76.2 | 76.2 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 | 76.2 |      |      |                                                                                     | 19 |
| 20                                                                               | 73.9        | 72.5 | 70.7 | 68.5 | 62.1 | 76.2  | 76.2 | 75.1 | 72.4 |      | 76.2  | 76.2 | 76.2 | 75.3 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 |      |      |      |       | 76.2 | 76.2 |      |      |                                                                                     | 20 |
| 22                                                                               | 71.4        | 70.2 | 68.6 | 66.7 | 62.7 | 76.2  | 75.6 | 73.5 | 70.7 | 42.6 | 76.2  | 76.2 | 75.8 | 73.9 |      | 76.2  | 76.2 | 76.2 |      |      | 76.2  | 76.2 | 76.2 |      |      |       | 76.2 | 76.2 |      |      |                                                                                     | 22 |
| 24                                                                               | 69.2        | 68.2 | 66.7 | 65.1 | 63   | 75.2  | 73.6 | 71.6 | 69.1 | 47.9 | 76.2  | 76.2 | 75   | 72.6 | 31.4 | 76.2  | 76.2 | 76.2 | 74.1 |      | 76.2  | 76.2 | 76.2 |      |      |       | 76.2 | 76.2 |      |      |                                                                                     | 24 |
| 26                                                                               | 67.4        | 66.5 | 65.2 | 63.8 | 62.2 | 73.3  | 71.8 | 70   | 67.7 | 49.5 | 76.2  | 75.9 | 73.8 | 71.2 | 35   | 76.2  | 76.2 | 75.4 | 72.9 | 23.3 | 76.2  | 76.2 | 76.2 | 72.5 |      |       | 76.2 | 74.5 | 67.2 |      |                                                                                     | 26 |
| 28                                                                               | 65.7        | 65.1 | 64   | 62.8 | 61.4 | 71.4  | 70   | 68.4 | 66.4 | 51.4 | 76    | 74.8 | 72.6 | 69.9 | 35.7 | 76.2  | 76.1 | 74.2 | 71.7 | 23.6 | 76.2  | 76.2 | 75.7 | 72.1 |      |       | 76.2 | 71.4 | 64.9 |      |                                                                                     | 28 |
| 30                                                                               | 64.4        | 63.9 | 62.9 | 62   | 60.9 | 69.6  | 68.3 | 66.8 | 65.1 | 53.2 | 74.6  | 73.1 | 71.1 | 68.6 | 36.6 | 76.2  | 75.3 | 73.2 | 70.5 | 26   | 76.2  | 76   | 74.5 | 70.1 |      |       | 73.9 | 68.7 | 62.9 | 53.3 |                                                                                     | 30 |
| 32                                                                               | 63.2        | 62.9 | 62.2 | 61.3 | 60.4 | 67.9  | 66.9 | 65.5 | 64   | 55.7 | 73.1  | 71.7 | 69.9 | 67.5 | 37.6 | 75.7  | 74.2 | 72   | 69.2 | 26.3 | 76.2  | 75.2 | 73.3 | 70.1 | 17.7 |       | 70.6 | 65.9 | 60.9 | 53.4 |                                                                                     | 32 |
| 34                                                                               | 61.1        | 61.1 | 61.1 | 60.7 | 60   | 66.4  | 65.6 | 64.4 | 63.1 | 59.4 | 71.6  | 70.3 | 68.6 | 66.5 | 38.7 | 74.6  | 73   | 70.8 | 68.1 | 26.8 | 75.6  | 74.2 | 72.1 | 68   | 17.9 |       | 68.1 | 63.7 | 59.2 | 52.4 |                                                                                     | 34 |
| 36                                                                               | 56.8        | 56.8 | 56.8 | 56.8 | 55.5 | 65.2  | 64.5 | 63.6 | 62.4 | 60.8 | 70.1  | 68.9 | 67.3 | 65.4 | 39.8 | 73.1  | 71.7 | 69.7 | 66.7 | 27.4 | 74.7  | 73.1 | 70.4 | 64.9 | 18.1 |       | 65.3 | 61.3 | 57.4 | 51.3 | 11.7                                                                                | 36 |
| 38                                                                               | 46.3        | 46.3 | 46.3 | 45.2 | 34.3 | 64.1  | 63.5 | 62.7 | 61.7 | 60.3 | 68.7  | 67.7 | 66.1 | 64.4 | 40.9 | 71.9  | 70.5 | 68.6 | 64.7 | 28   | 73.7  | 72   | 67.8 | 61.2 | 18.3 |       | 62.8 | 59.6 | 55.8 | 50.3 | 11.9                                                                                | 38 |
| 40                                                                               |             |      |      |      |      | 63.3  | 62.8 | 62   | 61.1 | 60   | 67.5  | 66.6 | 65.1 | 63.2 | 42.5 | 70.7  | 69.1 | 66.1 | 60.9 | 28.7 | 72.5  | 69   | 63.9 | 57.6 | 18.6 | 60.1  | 57.6 | 54   | 49.3 | 12   | 40                                                                                  |    |
| 45                                                                               |             |      |      |      |      | 60.2  | 60.2 | 60.1 | 57.8 | 49.4 | 64.8  | 62.2 | 59.2 | 55.8 | 48.1 | 64.6  | 60.9 | 57.1 | 52.9 | 30.5 | 63.7  | 59.3 | 54.9 | 50.1 | 19.4 | 55.2  | 53.2 | 50   | 46.6 | 12.4 | 45                                                                                  |    |
| 50                                                                               |             |      |      |      |      | 45.7  | 45.7 | 39.6 | 32.9 | 24.5 | 55.9  | 53.9 | 51.7 | 49.3 | 46   | 55.5  | 52.7 | 49.9 | 46.7 | 33.2 | 54.4  | 51.1 | 47.7 | 43.9 | 20.5 | 51.4  | 49.5 | 46.8 | 43.4 | 12.9 | 50                                                                                  |    |
| 55                                                                               |             |      |      |      |      |       |      |      |      |      | 48.6  | 47.2 | 45.7 | 44   | 40.4 | 48.3  | 46.2 | 44   | 41.6 | 37.1 | 47.2  | 44.6 | 42   | 39.9 | 21.8 | 47.6  | 45   | 42.3 | 38.8 | 13.6 | 55                                                                                  |    |
| 60                                                                               |             |      |      |      |      |       |      |      |      |      | 42.8  | 42   | 40.2 | 34.8 | 28.6 | 42.4  | 40.8 | 39.2 | 37.3 | 34.7 | 41.8  | 40.8 | 39.4 | 37   | 23.7 | 42.5  | 40.1 | 37.6 | 34.8 | 14.2 | 60                                                                                  |    |
| 65                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 37.6  | 36.4 | 35.5 | 34.7 | 33.6 | 38.7  | 37.1 | 35.4 | 33.5 | 26.2 | 37.7  | 35.7 | 33.7 | 31.4 | 15.3 | 65                                                                                  |    |
| 70                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 34.7  | 33.4 | 32.1 | 30.6 | 28.2 | 34.7  | 33.4 | 32.1 | 30.6 | 28.2 | 33.7  | 32.1 | 30.5 | 28.6 | 16.7 | 70                                                                                  |    |
| 75                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 31.3  | 30.3 | 29.3 | 28.1 | 26.5 | 30.2  | 29   | 27.6 | 26.1 | 18.4 | 75                                                                                  |    |
| 80                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 28.4  | 27.6 | 26.9 | 26   | 23   | 27.3  | 26.5 | 25.6 | 24.4 | 20.8 | 80                                                                                  |    |
| 85                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 25.8  | 25.4 | 22.9 | 18.9 | 14.5 | 25.3  | 24.5 | 23.6 | 22.5 | 20.9 | 85                                                                                  |    |
| 90                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 23.1  | 22.4 | 21.7 | 20.9 | 20.1 | 90                                                                                  |    |
| 95                                                                               |             |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      | 21.3  | 21.1 | 20.7 | 19   | 14.7 | 95                                                                                  |    |

|  | 111 ft      |      |      |      |      | 123 ft |      |      |      |      | 136 ft |      |      |      | 148 ft |      |      |      | 160 ft |      |      |      | 171 ft |      |      |      |  |     |
|------------------------------------------------------------------------------------|-------------|------|------|------|------|--------|------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|--------|------|------|------|---------------------------------------------------------------------------------------|-----|
|                                                                                    | K 9 ft 6 in |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |                                                                                       |     |
|                                                                                    | 0.3°        | 0.7° | 1.5° | 2.5° | 4°   | 0.3°   | 0.7° | 1.5° | 2.5° | 4°   | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° | 0.3°   | 0.7° | 1.5° | 2.5° |                                                                                       |     |
| 18                                                                                 | 57.4        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 18                                                                                    |     |
| 19                                                                                 | 76.2        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 19                                                                                    |     |
| 20                                                                                 | 76.2        |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 20                                                                                    |     |
| 22                                                                                 | 76.2        | 49.7 |      |      |      | 67.8   |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 22                                                                                    |     |
| 24                                                                                 | 76.2        | 70.7 |      |      |      | 66.1   |      |      |      |      | 48.7   |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 24                                                                                    |     |
| 26                                                                                 | 73.8        | 68.1 |      |      |      | 64.3   | 53.4 |      |      |      | 52.6   |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 26                                                                                    |     |
| 28                                                                                 | 70.9        | 65.5 | 41.8 |      |      | 62.2   | 57.6 |      |      |      | 51.6   |      |      |      | 42.8   |      |      |      |        |      |      |      |        |      |      |      | 28                                                                                    |     |
| 30                                                                                 | 68.3        | 63.2 | 57.4 |      |      | 60.1   | 55.7 |      |      |      | 50.5   | 47.4 |      |      | 44.5   |      |      |      |        |      |      |      |        |      |      |      | 30                                                                                    |     |
| 32                                                                                 | 65.6        | 61   | 55.6 |      |      | 58.3   | 53.8 |      |      |      | 49.4   | 46.3 |      |      | 43.9   |      |      |      | 34.9   |      |      |      |        |      |      |      | 32                                                                                    |     |
| 34                                                                                 | 62.9        | 58.7 | 53.7 | 40.8 |      | 56.3   | 52   | 47   |      |      | 48.2   | 45.2 |      |      | 43     | 39.9 |      |      | 34.3   |      |      |      |        |      |      |      | 34                                                                                    |     |
| 36                                                                                 | 60.8        | 56.8 | 52.1 | 41.1 |      | 54.4   | 50.3 | 45.7 |      |      | 47     | 44.2 |      |      | 42.2   | 39   |      |      | 33.8   |      |      |      |        | 29.4 |      |      | 36                                                                                    |     |
| 38                                                                                 | 58.8        | 55   | 50.5 | 40.7 |      | 52.5   | 48.6 | 44.4 | 30.8 |      | 45.9   | 43.1 | 39.1 |      | 41.1   | 38.1 |      |      | 33.3   | 31.3 |      |      | 29.1   |      |      | 38   |                                                                                       |     |
| 40                                                                                 | 56.9        | 53.3 | 49   | 40.1 | 5.6  | 50.5   | 47   | 43   | 31.1 |      | 44.8   | 41.8 | 38   |      | 40.1   | 37   |      |      | 32.8   | 30.8 |      |      | 28.7   | 27   |      |      | 40                                                                                    |     |
| 45                                                                                 | 51.8        | 48.7 | 45   | 38.8 | 6.5  | 46.5   | 43.7 | 40.1 | 30.9 |      | 41.8   | 39   | 35.6 | 23.5 | 37.5   | 34.7 | 31.7 |      | 31.4   | 29.7 | 26.4 |      | 27.7   | 26.1 |      |      | 45                                                                                    |     |
| 50                                                                                 | 47          | 44.6 | 41.6 | 37.7 | 7.3  | 42.9   | 40.4 | 37.2 | 30.6 |      | 38.9   | 36.4 | 33.4 | 23.8 | 35     | 32.5 | 29.9 | 17.8 | 30     | 28.4 | 26   | 13.1 | 26.6   | 25.2 | 21.5 |      | 50                                                                                    |     |
| 55                                                                                 | 43.4        | 41.4 | 38.8 | 35.9 | 8    | 39.4   | 37.2 | 34.4 | 30.4 |      | 36.1   | 34   | 31.2 | 24.3 | 32.6   | 30.5 | 28.1 | 18.2 | 28.6   | 27.1 | 25   | 13.4 | 25.6   | 24.2 | 21.8 | 10.1 | 55                                                                                    |     |
| 60                                                                                 | 40.3        | 38.6 | 36.3 | 33.4 | 8.4  | 36.3   | 34.3 | 32.1 | 29.7 |      | 33.4   | 31.6 | 29.3 | 24.8 | 30.5   | 28.7 | 26.5 | 18.6 | 27.2   | 25.7 | 23.8 | 13.6 | 24.6   | 23.2 | 21.2 | 10.3 | 60                                                                                    |     |
| 65                                                                                 | 37.2        | 35.1 | 33   | 30.6 | 8.8  | 33.6   | 32.1 | 30.2 | 28   | 2.2  | 31.1   | 29.4 | 27.3 | 25   | 28.4   | 26.9 | 24.8 | 19   | 25.8   | 24.4 | 22.5 | 13.9 | 23.5   | 22.1 | 20.2 | 10.5 | 65                                                                                    |     |
| 70                                                                                 | 33.8        | 31.9 | 30   | 27.8 | 9.3  | 31.4   | 30.1 | 28.4 | 26.5 | 3.4  | 29     | 27.6 | 25.8 | 23.8 | 26.5   | 25   | 23.2 | 19.4 | 24.5   | 23.1 | 21.4 | 14.2 | 22.2   | 20.9 | 19.2 | 10.7 | 70                                                                                    |     |
| 75                                                                                 | 30.4        | 28.9 | 27.2 | 25.6 | 10.1 | 29.4   | 28.2 | 26.7 | 24.7 | 5    | 27.2   | 25.9 | 24.4 | 22.7 | 24.9   | 23.6 | 22.1 | 19.2 | 23     | 21.7 | 20.1 | 14.5 | 20.9   | 19.8 | 18.2 | 10.9 | 75                                                                                    |     |
| 80                                                                                 | 27.5        | 26.5 | 25.2 | 23.6 | 11   | 27.3   | 26   | 24.4 | 22.8 | 5.9  | 25.4   | 24.3 | 23   | 21.5 | 23.5   | 22.3 | 21   | 19.2 | 21.7   | 20.5 | 19   | 14.9 | 19.7   | 18.6 | 17.2 | 11.2 | 80                                                                                    |     |
| 85                                                                                 | 25.3        | 24.2 | 23.1 | 21.7 | 12.2 | 24.9   | 23.6 | 22.6 | 21.4 | 6.6  | 24     | 23   | 21.6 | 20.1 | 22.2   | 21.2 | 19.9 | 18.5 | 20.4   | 19.3 | 18   | 15.2 | 18.6   | 17.6 | 16.2 | 11.5 | 85                                                                                    |     |
| 90                                                                                 | 23.1        | 22.2 | 21.2 | 20.3 | 13.8 | 23     | 22.2 | 21.1 | 19.7 | 7.3  | 22.4   | 21.3 | 20.2 | 18.7 | 21     | 20   | 18.9 | 17.6 | 19.2   | 18.3 | 17   | 15   | 17.5   | 16.6 | 15.4 | 11.7 | 90                                                                                    |     |
| 95                                                                                 | 21.2        | 20.6 | 19.8 | 19   | 16.2 | 21.4   | 20.4 | 19.4 | 18.2 | 8    | 20.8   | 19.8 | 18.7 | 17.5 | 19.8   | 18.9 | 17.8 | 16.4 | 18.1   | 17.3 | 16.1 | 14.5 | 16.6   | 15.7 | 14.6 | 11.8 | 95                                                                                    |     |
| 100                                                                                | 19.7        | 19.3 | 18.8 | 18.3 | 16.9 | 19.6   | 18.8 | 17.9 | 16.9 | 9.2  | 19.2   | 18.4 | 17.4 | 16.4 | 18.7   | 17.6 | 16.5 | 15.4 | 17     | 16.3 | 15.2 | 13.9 | 15.6   | 14.9 | 13.8 | 11.7 | 100                                                                                   |     |
| 105                                                                                | 18.8        | 18.4 | 17.9 | 17.2 | 13.9 | 17.9   | 17.3 | 16.8 | 16   | 11.1 | 17.8   | 17.1 | 16.3 | 15.3 | 17.2   | 16.5 | 15.6 | 14.4 | 16.1   | 15.4 | 14.4 | 13.3 | 14.7   | 14   | 13.1 | 11.4 | 105                                                                                   |     |
| 110                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 110                                                                                   |     |
| 115                                                                                | 17.4        | 16.4 | 13.8 | 11   | 7.1  | 16.8   | 16.3 | 15.8 | 15.1 | 13   | 16.6   | 15.9 | 15.1 | 14.2 | 16.1   | 15.3 | 14.4 | 13.3 | 15.2   | 14.5 | 13.5 | 12.3 | 13.9   | 13.2 | 12.4 | 11.2 | 110                                                                                   |     |
| 120                                                                                |             |      |      |      |      | 15.7   | 15.2 | 14.7 | 14.2 | 13   | 15.3   | 14.7 | 14   | 13.2 | 14.8   | 14.1 | 13.3 | 12.4 | 14.1   | 13.2 | 12.3 | 11.3 | 13.1   | 12.4 | 11.7 | 10.8 | 115                                                                                   |     |
| 125                                                                                |             |      |      |      |      | 14.5   | 14.2 | 13.9 | 11.9 | 8.3  | 14.1   | 13.6 | 13   | 12.3 | 13.6   | 13   | 12.3 | 11.5 | 12.9   | 12.1 | 11.3 | 10.4 | 12.3   | 11.8 | 11.1 | 10.1 | 120                                                                                   |     |
| 130                                                                                |             |      |      |      |      |        |      |      |      |      | 13     | 12.6 | 12.2 | 11.7 | 12.5   | 11.9 | 11.3 | 10.6 | 11.8   | 11.1 | 10.4 | 9.7  | 11.6   | 11   | 10.2 | 9.4  | 125                                                                                   |     |
| 135                                                                                |             |      |      |      |      |        |      |      |      |      | 12.2   | 11.9 | 11.5 | 10.8 | 11.5   | 11   | 10.5 | 9.9  | 10.8   | 10.2 | 9.7  | 9.1  | 10.7   | 10   | 9.5  | 8.8  | 130                                                                                   |     |
| 140                                                                                |             |      |      |      |      |        |      |      |      |      | 11.2   | 9.5  | 7.6  | 5.5  |        |      |      | 9.8  | 9.6    | 9.3  | 9    | 9.2  | 8.9    | 8.5  | 8    | 9.1  | 8.7                                                                                   | 135 |
| 145                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      | 9.2  | 9      | 8.3  | 6.5  | 8.6  | 8.3    | 7.9  | 7.5  | 8.5  | 8.1                                                                                   | 140 |
| 150                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      | 8    | 7.7    | 7.4  | 7.1  | 7.9  | 7.6                                                                                   | 145 |
| 155                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      | 7.4  | 7.2    | 7    | 6.2  | 7.4  | 7.1                                                                                   | 150 |
| 160                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      | 6    | 6.8    | 6.6  | 6.4  | 6.1  | 6.8                                                                                   | 155 |
| 165                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      | 6    | 6.4    | 6.2  | 6    | 5.4  | 6.1                                                                                   | 160 |
| 170                                                                                |             |      |      |      |      |        |      |      |      |      |        |      |      |      |        |      |      |      |        |      |      |      | 5.9    | 4.7  | 3.3  |      |                                                                                       | 170 |

Remarks

1.

The lifting capacities do not exceed 75 % of the tipping load according to ASME B 30.5. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2.

For the calculation of the load charts at least a wind speed of 30 ft/s (9 m/s, 20 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3.

The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
4.

Lifting capacities are given in kip.
5.

The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6.

Working radii are measured from the slewing center.
7.

The stated lengths of the telescopic boom are maximum values and may deviate slightly.
8.

The lifting capacities given for the telescopic boom apply if the folding jib is removed.
9.

Lifting capacities above 189,600 lb / 257,700 lb only with additional pulley block/special equipment.
10.

Subject to modification of lifting capacities.
11.

Lateral inclination ± 0.3°, ± 0.7°, ± 1.5°, ± 2.5°, ± 4.
12.

The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.
13.

The pictures contain also accessories and special equipment not included in the standard scope of delivery.

Remarques

1.

La capacité de charge ne doit pas dépasser 75 % de la charge de basculement conformément à ASME B 30.5. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2.

Une vitesse de vent de 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3.

Forces de levage pour application de grue de montage (correspond à la classification de grues selon ISO 4301-1, groupe de grues A1).
4.

Les charges sont indiquées en kip.
5.

Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6.

Les portées sont calculées à partir de l'axe de rotation.
7.

Les longueurs indiquées pour la flèche télescopique sont des valeurs maximales et peuvent légèrement varier dans la réalité.
8.

Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
9.

Les charges supérieures à 189,600 lb / 257,700 lb seulement avec moufle additionnel/équipement supplémentaire.
10.

Charges données sous réserve de modification.
11.

Inclinaison latérale ± 0.3°, ± 0.7°, ± 1.5°, ± 2.5°, ± 4.
12.

Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.
13.

Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.

Proposition 65



**WARNING:** This product can expose you to chemicals, including exhaust emissions, including lead and lead compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm.

For more information see: [www.P65warnings.ca.gov/diesel](http://www.P65warnings.ca.gov/diesel)

Subject to modification · Sous réserve de modifications

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