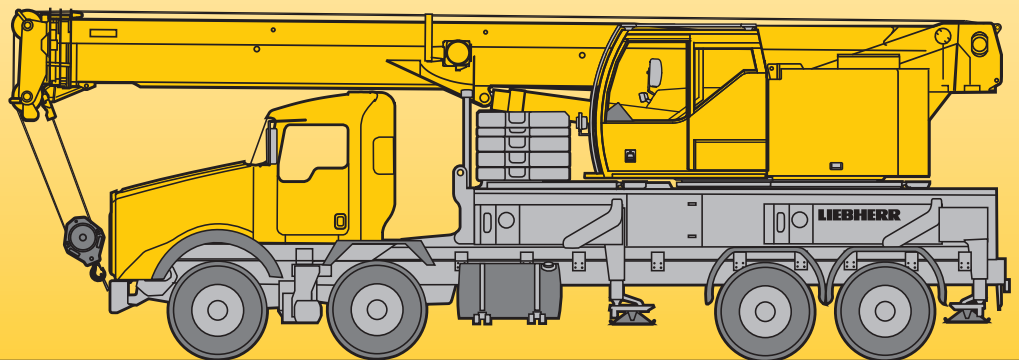


# **Truck Mounted Telescopic Crane LTF 1045-4.1**

## **Grue télescopique sur porteur châssis cabine**

### **Technical Data**

### **Caractéristiques techniques**



# **LIEBHERR**

*Courtesy of Crane.Market*

# Lifting capacities Forces de levage

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| <div><div><div><div></div><div>34 – 115 ft</div><div>T</div></div><div><div></div><div></div><div></div></div><div><div></div><div>360°</div><div></div></div><div><div></div><div>19800 lbs</div><div></div></div><div><div>85%</div></div></div></div> |       |      |       |      |       |      |       |      |       |      |        |      |        |     |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                      | 34 ft |      | 51 ft |      | 67 ft |      | 83 ft |      | 99 ft |      | 107 ft |      | 115 ft |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                          |       |      |       | **   |       | **   |       | **   |       | **   |        | **   |        | **  |                                     |
| 10                                                                                                                                                                                                                                                       | 82.8  | 41.6 | 34.2  | 37.4 | 29.5  |      |       |      |       |      |        |      |        | 10  |                                     |
| 11                                                                                                                                                                                                                                                       | 79.9  | 42.9 | 34.2  | 37.8 | 29.3  |      |       |      |       |      |        |      |        | 11  |                                     |
| 12                                                                                                                                                                                                                                                       | 75.4  | 43.7 | 34.2  | 38.2 | 29.2  |      |       |      |       |      |        |      |        | 12  |                                     |
| 13                                                                                                                                                                                                                                                       | 71.4  | 44.3 | 34.3  | 38.6 | 28.3  | 32.8 | 23.6  |      |       |      |        |      |        | 13  |                                     |
| 14                                                                                                                                                                                                                                                       | 67.5  | 44.9 | 34.3  | 39   | 28    | 33.2 | 23.5  |      |       |      |        |      |        | 14  |                                     |
| 15                                                                                                                                                                                                                                                       | 63.8  | 45.5 | 34.4  | 39.5 | 28    | 33.6 | 23.3  |      |       |      |        |      |        | 15  |                                     |
| 16                                                                                                                                                                                                                                                       | 60.4  | 46.2 | 34.5  | 40   | 27.9  | 34   | 23.2  | 27.6 | 17.2  |      |        |      |        | 16  |                                     |
| 17                                                                                                                                                                                                                                                       | 57.3  | 46.9 | 34.6  | 40.5 | 27.8  | 34.4 | 23    | 27.2 | 17    |      |        |      |        | 17  |                                     |
| 18                                                                                                                                                                                                                                                       | 54.4  | 47.7 | 34.7  | 41   | 27.8  | 34.8 | 22.9  | 26.7 | 16.9  |      |        |      |        | 18  |                                     |
| 19                                                                                                                                                                                                                                                       | 51.4  | 48.5 | 34.8  | 41.6 | 27.7  | 35   | 22.8  | 26.3 | 16.7  | 22.5 | 12.7   |      |        | 19  |                                     |
| 20                                                                                                                                                                                                                                                       | 48.8  | 49   | 35    | 42   | 27.7  | 34   | 22.6  | 25.8 | 16.5  | 22.2 | 12.5   |      |        | 20  |                                     |
| 22                                                                                                                                                                                                                                                       | 44.1  | 44.7 | 35.8  | 41.9 | 27.6  | 32   | 22.4  | 24.8 | 16.2  | 21.7 | 12.2   |      |        | 22  |                                     |
| 24                                                                                                                                                                                                                                                       | 40    | 40.8 | 36.8  | 40.2 | 27.6  | 30.3 | 21.8  | 23.7 | 15.9  | 21.2 | 11.9   | 17.7 | 8.2    | 24  |                                     |
| 26                                                                                                                                                                                                                                                       | 36.3  | 36.9 | 36.6  | 37.2 | 27.6  | 28.9 | 20.9  | 22.6 | 15.6  | 20.5 | 11.6   | 17.2 | 7.9    | 26  |                                     |
| 28                                                                                                                                                                                                                                                       |       | 33.7 | 33.7  | 34   | 27.6  | 27.5 | 20.7  | 21.5 | 15.4  | 19.8 | 11.4   | 16.6 | 7.6    | 28  |                                     |
| 30                                                                                                                                                                                                                                                       |       | 30.8 | 30.8  | 31.1 | 27.6  | 26.1 | 20.6  | 20.5 | 15.1  | 19   | 11.1   | 16.1 | 6.6    | 30  |                                     |
| 32                                                                                                                                                                                                                                                       |       | 28.4 | 28.4  | 28.6 | 27.5  | 24.9 | 20.5  | 19.6 | 14.8  | 18.3 | 10.9   | 15.5 | 6.3    | 32  |                                     |
| 34                                                                                                                                                                                                                                                       |       | 26.3 | 26.3  | 26.5 | 26.5  | 23.8 | 20.3  | 18.8 | 13.9  | 17.6 | 10.7   | 15   | 6.1    | 34  |                                     |
| 36                                                                                                                                                                                                                                                       |       | 24.3 | 24.3  | 24.6 | 24.6  | 23   | 20.2  | 18   | 13.4  | 17   | 10.5   | 14.5 | 5.9    | 36  |                                     |
| 38                                                                                                                                                                                                                                                       |       | 22.5 | 22.5  | 22.8 | 22.8  | 22.1 | 20.1  | 17.1 | 13.2  | 16.4 | 10.2   | 14   | 5.7    | 38  |                                     |
| 40                                                                                                                                                                                                                                                       |       | 21.1 | 21.1  | 21.4 | 21.4  | 21.1 | 20.1  | 16.4 | 13    | 15.7 | 10     | 13.7 | 5.6    | 40  |                                     |
| 45                                                                                                                                                                                                                                                       |       |      |       | 18.2 | 18.2  | 18.1 | 18.1  | 15.1 | 12.6  | 14.2 | 9.6    | 12.8 | 5.2    | 45  |                                     |
| 50                                                                                                                                                                                                                                                       |       |      |       | 15.5 | 15.5  | 15.6 | 15.6  | 13.9 | 12.3  | 13.2 | 9.2    | 12   | 4.9    | 50  |                                     |
| 55                                                                                                                                                                                                                                                       |       |      |       | 13.5 | 13.5  | 13.6 | 13.6  | 12.7 | 12    | 12.3 | 8.8    | 11.3 | 4.6    | 55  |                                     |
| 60                                                                                                                                                                                                                                                       |       |      |       |      |       | 12.1 | 12.1  | 11.7 | 11.7  | 11.5 | 8.5    | 10.6 | 4.3    | 60  |                                     |
| 65                                                                                                                                                                                                                                                       |       |      |       |      |       | 10.7 | 10.7  | 10.4 | 10.4  | 10.3 | 8.2    | 10   | 3.7    | 65  |                                     |
| 70                                                                                                                                                                                                                                                       |       |      |       |      |       | 9.5  | 9.5   | 9.3  | 9.3   | 9.2  | 8      | 9    | 3.1    | 70  |                                     |
| 75                                                                                                                                                                                                                                                       |       |      |       |      |       | 8.2  | 8.2   | 8.3  | 8.3   | 8.2  | 7.8    | 8.1  | 2.6    | 75  |                                     |
| 80                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       | 7.4  | 7.4   | 7.4  | 6.8    | 7.3  | 2.1    | 80  |                                     |
| 85                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       | 6.6  | 6.6   | 6.6  | 5.7    | 6.6  | 1.7    | 85  |                                     |
| 90                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       | 5.9  | 5.9   | 6    | 4.7    | 5.9  | 1.4    | 90  |                                     |
| 95                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       |      |       | 5.3  | 3.8    | 5.3  |        | 95  |                                     |
| 100                                                                                                                                                                                                                                                      |       |      |       |      |       |      |       |      |       |      |        | 4.8  |        | 100 |                                     |
| 105                                                                                                                                                                                                                                                      |       |      |       |      |       |      |       |      |       |      |        | 4.2  |        | 105 |                                     |

\*\* telescopic loads · capacités de levage en télescopage

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# Lifting capacities Forces de levage

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| <div><div><div><div><div></div><div>34 – 115 ft</div><div>T</div></div><div><div></div><div></div><div></div></div><div><div></div><div>360°</div><div></div></div><div><div></div><div>11000 lbs</div><div></div></div><div><div></div><div>85%</div><div></div></div></div></div></div> |       |      |       |      |       |      |       |      |       |      |        |      |        |     |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|-----|-------------------------------------|
| <div><div></div><div>ft</div></div>                                                                                                                                                                                                                                                       | 34 ft |      | 51 ft |      | 67 ft |      | 83 ft |      | 99 ft |      | 107 ft |      | 115 ft |     | <div><div></div><div>ft</div></div> |
|                                                                                                                                                                                                                                                                                           |       |      | **    |      | **    |      | **    |      | **    |      | **     |      | **     |     |                                     |
| 10                                                                                                                                                                                                                                                                                        | 76.8  | 41.6 | 34.2  | 37.4 | 29.5  |      |       |      |       |      |        |      |        | 10  |                                     |
| 11                                                                                                                                                                                                                                                                                        | 72.2  | 42.9 | 34.2  | 37.8 | 29.3  |      |       |      |       |      |        |      |        | 11  |                                     |
| 12                                                                                                                                                                                                                                                                                        | 67.9  | 43.7 | 34.2  | 38.2 | 29.2  |      |       |      |       |      |        |      |        | 12  |                                     |
| 13                                                                                                                                                                                                                                                                                        | 63.8  | 44.3 | 34.3  | 38.6 | 28.3  | 32.8 | 23.6  |      |       |      |        |      |        | 13  |                                     |
| 14                                                                                                                                                                                                                                                                                        | 60    | 44.9 | 34.3  | 39   | 28    | 33.2 | 23.5  |      |       |      |        |      |        | 14  |                                     |
| 15                                                                                                                                                                                                                                                                                        | 56.6  | 45.5 | 34.4  | 39.5 | 28    | 33.6 | 23.3  |      |       |      |        |      |        | 15  |                                     |
| 16                                                                                                                                                                                                                                                                                        | 53.1  | 46.2 | 34.5  | 40   | 27.9  | 34   | 23.2  | 25.1 | 17.2  |      |        |      |        | 16  |                                     |
| 17                                                                                                                                                                                                                                                                                        | 49.9  | 46.7 | 34.6  | 40.5 | 27.8  | 33.6 | 23    | 24.7 | 17    |      |        |      |        | 17  |                                     |
| 18                                                                                                                                                                                                                                                                                        | 47.1  | 46.6 | 34.7  | 41   | 27.8  | 32.8 | 22.9  | 24.3 | 16.9  |      |        |      |        | 18  |                                     |
| 19                                                                                                                                                                                                                                                                                        | 44.5  | 45   | 34.8  | 41.6 | 27.7  | 31.9 | 22.8  | 23.9 | 16.7  | 20.5 | 12.7   |      |        | 19  |                                     |
| 20                                                                                                                                                                                                                                                                                        | 41.8  | 42.4 | 35    | 41.5 | 27.7  | 30.9 | 22.6  | 23.4 | 16.5  | 20.2 | 12.5   |      |        | 20  |                                     |
| 22                                                                                                                                                                                                                                                                                        | 37.1  | 37.7 | 35.6  | 38   | 27.6  | 29.1 | 22.4  | 22.6 | 16.2  | 19.8 | 12.2   |      |        | 22  |                                     |
| 24                                                                                                                                                                                                                                                                                        | 33.1  | 33.8 | 33.8  | 34   | 27.6  | 27.6 | 21.8  | 21.5 | 15.9  | 19.3 | 11.9   | 16.1 | 8.2    | 24  |                                     |
| 26                                                                                                                                                                                                                                                                                        | 29.8  | 30.5 | 30.5  | 30.8 | 27.6  | 26.3 | 20.9  | 20.5 | 15.6  | 18.6 | 11.6   | 15.6 | 7.9    | 26  |                                     |
| 28                                                                                                                                                                                                                                                                                        |       | 27.6 | 27.6  | 27.8 | 27.5  | 25   | 20.7  | 19.5 | 15.4  | 18   | 11.4   | 15.1 | 7.6    | 28  |                                     |
| 30                                                                                                                                                                                                                                                                                        |       | 25.3 | 25.3  | 25.5 | 25.5  | 23.7 | 20.6  | 18.6 | 15.1  | 17.3 | 11.1   | 14.6 | 6.6    | 30  |                                     |
| 32                                                                                                                                                                                                                                                                                        |       | 23.1 | 23.1  | 23.4 | 23.4  | 22.5 | 20.5  | 17.8 | 14.8  | 16.7 | 10.9   | 14.1 | 6.3    | 32  |                                     |
| 34                                                                                                                                                                                                                                                                                        |       | 21.1 | 21.1  | 21.3 | 21.3  | 21.1 | 20.2  | 17.1 | 13.9  | 16   | 10.7   | 13.6 | 6.1    | 34  |                                     |
| 36                                                                                                                                                                                                                                                                                        |       | 19.3 | 19.3  | 19.6 | 19.6  | 19.4 | 19.4  | 16.3 | 13.4  | 15.5 | 10.5   | 13.2 | 5.9    | 36  |                                     |
| 38                                                                                                                                                                                                                                                                                        |       | 17.5 | 17.5  | 17.9 | 17.9  | 17.9 | 17.9  | 15.6 | 13.2  | 14.9 | 10.2   | 12.8 | 5.7    | 38  |                                     |
| 40                                                                                                                                                                                                                                                                                        |       | 16.1 | 16.1  | 16.5 | 16.5  | 16.6 | 16.6  | 14.9 | 13    | 14.3 | 10     | 12.4 | 5.6    | 40  |                                     |
| 45                                                                                                                                                                                                                                                                                        |       |      |       | 13.3 | 13.3  | 13.5 | 13.5  | 13.4 | 12.6  | 12.8 | 9.6    | 11.7 | 5.2    | 45  |                                     |
| 50                                                                                                                                                                                                                                                                                        |       |      |       | 11   | 11    | 11.2 | 11.2  | 11.3 | 11.3  | 11.2 | 9.2    | 10.8 | 4.9    | 50  |                                     |
| 55                                                                                                                                                                                                                                                                                        |       |      |       | 9.3  | 9.3   | 9.5  | 9.5   | 9.5  | 9.5   | 9.6  | 8.8    | 9.5  | 4.6    | 55  |                                     |
| 60                                                                                                                                                                                                                                                                                        |       |      |       |      |       | 8    | 8     | 8.1  | 8.1   | 8.2  | 8.2    | 8.2  | 4.3    | 60  |                                     |
| 65                                                                                                                                                                                                                                                                                        |       |      |       |      |       | 6.9  | 6.9   | 7    | 7     | 7.1  | 7.1    | 7.1  | 3.7    | 65  |                                     |
| 70                                                                                                                                                                                                                                                                                        |       |      |       |      |       | 6    | 6     | 6.1  | 6.1   | 6.1  | 6.1    | 6.1  | 3.1    | 70  |                                     |
| 75                                                                                                                                                                                                                                                                                        |       |      |       |      |       | 5.2  | 5.2   | 5.2  | 5.2   | 5.3  | 5.3    | 5.3  | 2.6    | 75  |                                     |
| 80                                                                                                                                                                                                                                                                                        |       |      |       |      |       |      |       | 4.5  | 4.5   | 4.6  | 4.6    | 4.6  | 2.1    | 80  |                                     |
| 85                                                                                                                                                                                                                                                                                        |       |      |       |      |       |      |       | 3.9  | 3.9   | 4    | 4      | 4    | 1.7    | 85  |                                     |
| 90                                                                                                                                                                                                                                                                                        |       |      |       |      |       |      |       | 3.4  | 3.4   | 3.4  | 3.4    | 3.5  | 1.4    | 90  |                                     |
| 95                                                                                                                                                                                                                                                                                        |       |      |       |      |       |      |       |      |       | 3    | 3      | 3    |        | 95  |                                     |
| 100                                                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       |      |       |      |        | 2.6  |        | 100 |                                     |
| 105                                                                                                                                                                                                                                                                                       |       |      |       |      |       |      |       |      |       |      |        | 2.2  |        | 105 |                                     |

\*\* telescopic loads · capacités de levage en télescopage

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# Lifting capacities Forces de levage

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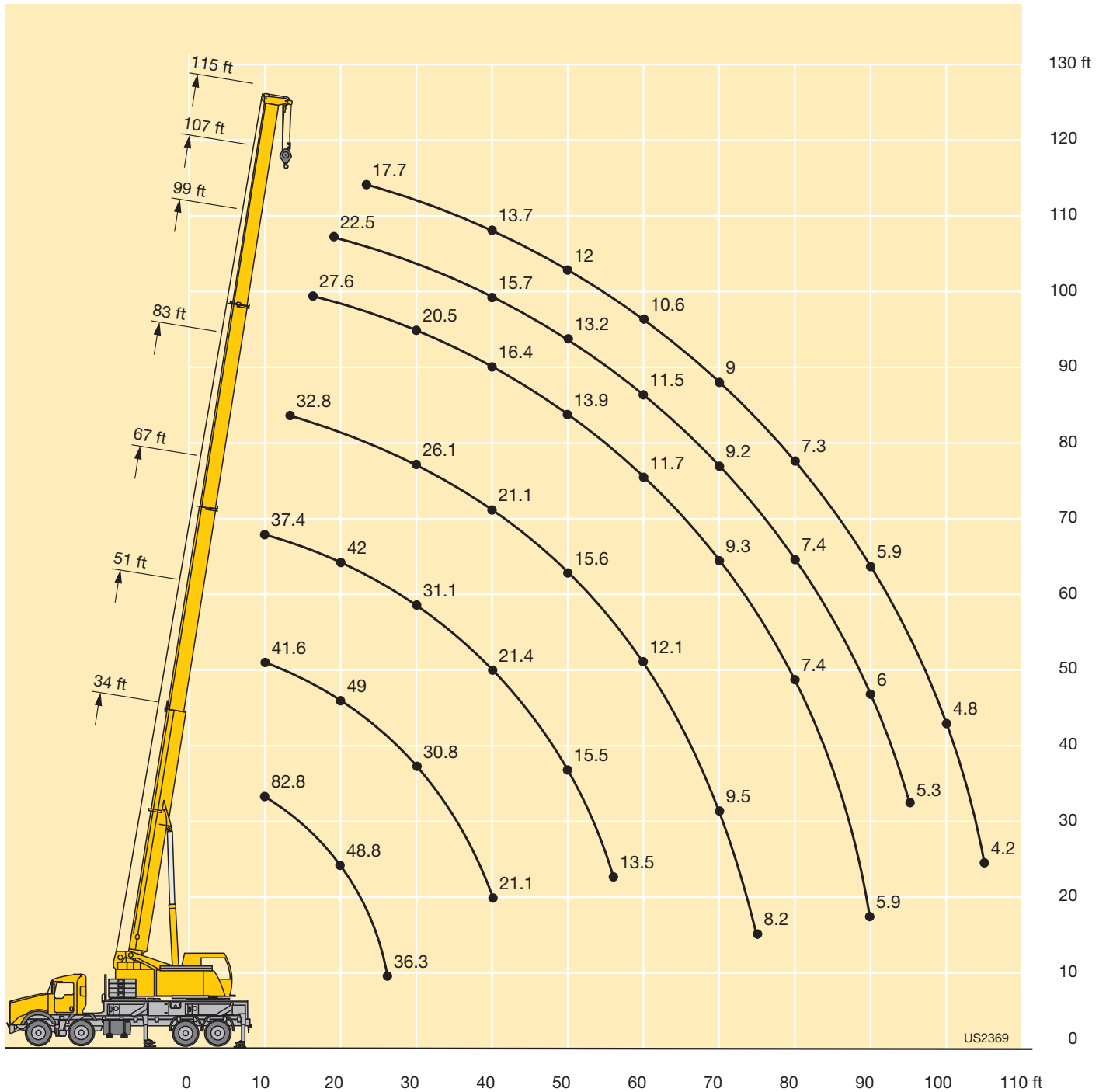
| <div> <div>34 - 115 ft</div> <div>T</div> <div>360°</div> <div>0 lbs</div> <div>85%</div> </div> |       |       |      |       |      |       |      |       |      |        |      |        |     |    |
|--------------------------------------------------------------------------------------------------|-------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|-----|----|
| ft                                                                                               | 34 ft | 51 ft |      | 67 ft |      | 83 ft |      | 99 ft |      | 107 ft |      | 115 ft |     | ft |
|                                                                                                  |       | **    |      | **    |      | **    |      | **    |      | **     |      | **     |     |    |
| 10                                                                                               | 75.8  | 41.6  | 34.2 | 37.4  | 29.5 |       |      |       |      |        |      |        |     | 10 |
| 11                                                                                               | 70.6  | 42.9  | 34.2 | 37.8  | 29.3 |       |      |       |      |        |      |        |     | 11 |
| 12                                                                                               | 65.9  | 43.7  | 34.2 | 38.2  | 29.2 |       |      |       |      |        |      |        |     | 12 |
| 13                                                                                               | 61.1  | 44.3  | 34.3 | 38.6  | 28.3 | 32.8  | 23.6 |       |      |        |      |        |     | 13 |
| 14                                                                                               | 56.9  | 44.9  | 34.3 | 39    | 28   | 33.2  | 23.5 |       |      |        |      |        |     | 14 |
| 15                                                                                               | 52.9  | 45.5  | 34.4 | 39.5  | 28   | 33.6  | 23.3 |       |      |        |      |        |     | 15 |
| 16                                                                                               | 49    | 46.1  | 34.5 | 40    | 27.9 | 34    | 23.2 | 25.1  | 17.2 |        |      |        |     | 16 |
| 17                                                                                               | 45.4  | 46.1  | 34.6 | 40.5  | 27.8 | 33.6  | 23   | 24.7  | 17   |        |      |        |     | 17 |
| 18                                                                                               | 42.2  | 42.8  | 34.7 | 39.5  | 27.8 | 32.8  | 22.9 | 24.3  | 16.9 |        |      |        |     | 18 |
| 19                                                                                               | 39.1  | 39.8  | 34.8 | 36.6  | 27.7 | 31.9  | 22.8 | 23.9  | 16.7 | 20.5   | 12.7 |        |     | 19 |
| 20                                                                                               | 36.6  | 36.8  | 34.8 | 33.8  | 27.7 | 30.7  | 22.6 | 23.4  | 16.5 | 20.2   | 12.5 |        |     | 20 |
| 22                                                                                               | 32.1  | 31.6  | 31.6 | 29.1  | 27.4 | 26.7  | 22.4 | 22.6  | 16.2 | 19.8   | 12.2 |        |     | 22 |
| 24                                                                                               | 27.7  | 27.1  | 27.1 | 24.9  | 24.9 | 23.3  | 21.7 | 21.3  | 15.9 | 19.3   | 11.9 | 16.1   | 8.2 | 24 |
| 26                                                                                               | 23.6  | 23.4  | 23.4 | 21.7  | 21.7 | 20.3  | 20.3 | 19.1  | 15.6 | 18.5   | 11.6 | 15.6   | 7.9 | 26 |
| 28                                                                                               |       | 20.4  | 20.4 | 19.1  | 19.1 | 18    | 18   | 17    | 15.4 | 16.5   | 11.4 | 15.1   | 7.6 | 28 |
| 30                                                                                               |       | 18.1  | 18.1 | 17    | 17   | 16.1  | 16.1 | 15.3  | 14.7 | 14.9   | 11.1 | 14.3   | 6.6 | 30 |
| 32                                                                                               |       | 15.8  | 15.8 | 15.2  | 15.2 | 14.5  | 14.5 | 13.7  | 13.7 | 13.5   | 10.9 | 13.1   | 6.3 | 32 |
| 34                                                                                               |       | 13.9  | 13.9 | 13.7  | 13.7 | 13.1  | 13.1 | 12.5  | 12.5 | 12.2   | 10.7 | 11.9   | 6.1 | 34 |
| 36                                                                                               |       | 12.4  | 12.4 | 12.4  | 12.4 | 11.8  | 11.8 | 11.4  | 11.4 | 11.1   | 10.4 | 10.9   | 5.9 | 36 |
| 38                                                                                               |       | 11    | 11   | 11.3  | 11.3 | 10.8  | 10.8 | 10.3  | 10.3 | 10.2   | 10.1 | 9.9    | 5.7 | 38 |
| 40                                                                                               |       | 9.9   | 9.9  | 10.3  | 10.3 | 9.9   | 9.9  | 9.5   | 9.5  | 9.3    | 9.3  | 9.1    | 5.6 | 40 |
| 45                                                                                               |       |       |      | 8     | 8    | 8     | 8    | 7.7   | 7.7  | 7.6    | 7.6  | 7.4    | 5.2 | 45 |
| 50                                                                                               |       |       |      | 6.4   | 6.4  | 6.5   | 6.5  | 6.3   | 6.3  | 6.2    | 6.2  | 6.1    | 4.9 | 50 |
| 55                                                                                               |       |       |      | 5.2   | 5.2  | 5.4   | 5.4  | 5.2   | 5.2  | 5.1    | 5.1  | 5      | 4.6 | 55 |
| 60                                                                                               |       |       |      |       |      | 4.3   | 4.3  | 4.3   | 4.3  | 4.2    | 4.2  | 4.2    | 4.2 | 60 |
| 65                                                                                               |       |       |      |       |      | 3.5   | 3.5  | 3.5   | 3.5  | 3.5    | 3.5  | 3.4    | 3.4 | 65 |
| 70                                                                                               |       |       |      |       |      | 2.8   | 2.8  | 2.9   | 2.9  | 2.9    | 2.9  | 2.8    | 2.8 | 70 |
| 75                                                                                               |       |       |      |       |      | 2.3   | 2.3  | 2.3   | 2.3  | 2.4    | 2.4  | 2.3    | 2.3 | 75 |
| 80                                                                                               |       |       |      |       |      |       |      | 1.8   | 1.8  | 1.9    | 1.9  | 1.8    | 1.8 | 80 |
| 85                                                                                               |       |       |      |       |      |       |      | 1.4   | 1.4  | 1.4    | 1.4  | 1.5    | 1.5 | 85 |

\*\* telescopic loads - capacités de levage en télescopage

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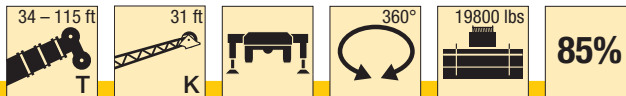
# Lifting heights Hauteurs de levage

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# Lifting capacities Forces de levage

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|  | T K   |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |  |     |     |     |     |
|-----------------------------------------------------------------------------------|-------|-----|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-------|------|-----|-----|-------------------------------------------------------------------------------------|-----|-----|-----|-----|
|                                                                                   | 34 ft |     |     |     | 83 ft |      |     |     |     |     |     |     | 99 ft |      |     |     |                                                                                     |     |     |     |     |
|                                                                                   | 31 ft |     |     |     | 31 ft |      |     |     |     |     |     |     | 31 ft |      |     |     |                                                                                     |     |     |     |     |
|                                                                                   | 0°    | 20° | 40° | 60° | 0°    | **   | 20° | **  | 40° | **  | 60° | **  | 0°    | **   | 20° | **  | 40°                                                                                 | **  | 60° | **  |     |
| 10                                                                                | 14.5  |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 10  |
| 11                                                                                | 14    |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 11  |
| 12                                                                                | 13.4  |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 12  |
| 13                                                                                | 12.9  |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 13  |
| 14                                                                                | 12.4  |     |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 14  |
| 15                                                                                | 11.9  | 9.7 |     |     |       |      |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 15  |
| 16                                                                                | 11.5  | 9.7 |     |     | 14.6  | 14.6 |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 16  |
| 17                                                                                | 11.1  | 9.4 |     |     | 14.6  | 14.6 |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 17  |
| 18                                                                                | 10.8  | 9.2 |     |     | 14.6  | 14.6 |     |     |     |     |     |     |       |      |     |     |                                                                                     |     |     |     | 18  |
| 19                                                                                | 10.5  | 8.9 |     |     | 14.6  | 14.6 |     |     |     |     |     |     | 12.6  | 12.6 |     |     |                                                                                     |     |     |     | 19  |
| 20                                                                                | 10.1  | 8.6 |     |     | 14.6  | 14.6 |     |     |     |     |     |     | 12.5  | 12.5 |     |     |                                                                                     |     |     |     | 20  |
| 22                                                                                | 9.5   | 8   |     |     | 14.4  | 14.4 |     |     |     |     |     |     | 12.2  | 12.2 |     |     |                                                                                     |     |     |     | 22  |
| 24                                                                                | 8.9   | 7.4 | 6.8 |     | 13.9  | 13.9 |     |     |     |     |     |     | 11.9  | 11.9 |     |     |                                                                                     |     |     |     | 24  |
| 26                                                                                | 8.4   | 7.1 | 6.6 |     | 13.3  | 13.3 | 9.6 | 9.6 |     |     |     |     | 11.6  | 11.6 |     |     |                                                                                     |     |     |     | 26  |
| 28                                                                                | 7.9   | 6.8 | 6.4 |     | 12.8  | 12.8 | 9.3 | 9.3 |     |     |     |     | 11.3  | 11.3 |     |     |                                                                                     |     |     |     | 28  |
| 30                                                                                | 7.4   | 6.5 | 6.2 | 5.6 | 12.2  | 12.2 | 9   | 9   |     |     |     |     | 11    | 11   | 8.3 | 8.3 |                                                                                     |     |     |     | 30  |
| 32                                                                                | 7     | 6.2 | 5.9 | 5.5 | 11.7  | 11.7 | 8.7 | 8.7 |     |     |     |     | 10.6  | 10.6 | 8   | 8   |                                                                                     |     |     |     | 32  |
| 34                                                                                | 6.6   | 6   | 5.8 | 5.4 | 11.3  | 11.3 | 8.4 | 8.4 | 6.8 | 6.8 |     |     | 10.3  | 10.3 | 7.7 | 7.7 |                                                                                     |     |     |     | 34  |
| 36                                                                                | 6.3   | 5.8 | 5.6 | 5.3 | 10.9  | 10.9 | 8   | 8   | 6.7 | 6.7 |     |     | 9.9   | 9.9  | 7.3 | 7.3 |                                                                                     |     |     |     | 36  |
| 38                                                                                | 6.1   | 5.6 | 5.4 | 5.3 | 10.5  | 10.5 | 7.7 | 7.7 | 6.5 | 6.5 |     |     | 9.6   | 9.6  | 7.1 | 7.1 | 6.2                                                                                 | 6.2 |     |     | 38  |
| 40                                                                                | 5.8   | 5.4 | 5.3 | 5.3 | 10.1  | 10.1 | 7.4 | 7.4 | 6.4 | 6.4 |     |     | 9.3   | 9.3  | 6.9 | 6.9 | 6                                                                                   | 6   |     |     | 40  |
| 45                                                                                | 5.3   | 5   | 5   | 5.3 | 9.2   | 9.2  | 6.9 | 6.9 | 6.1 | 6.1 | 5.4 | 5.4 | 8.5   | 8.5  | 6.5 | 6.5 | 5.8                                                                                 | 5.8 | 5.3 | 5.3 | 45  |
| 50                                                                                | 4.9   | 4.7 | 4.7 |     | 8.5   | 8.5  | 6.5 | 6.5 | 5.8 | 5.8 | 5.3 | 5.3 | 7.7   | 7.7  | 6.2 | 6.2 | 5.5                                                                                 | 5.5 | 5.1 | 5.1 | 50  |
| 55                                                                                | 4.6   | 4.5 |     |     | 7.8   | 7.8  | 6.2 | 6.2 | 5.6 | 5.6 | 5.2 | 5.2 | 7.1   | 7.1  | 5.9 | 5.9 | 5.3                                                                                 | 5.3 | 5   | 5   | 55  |
| 60                                                                                |       |     |     |     | 7.1   | 7.1  | 5.9 | 5.9 | 5.4 | 5.4 | 5.2 | 5.2 | 6.7   | 6.7  | 5.6 | 5.6 | 5.1                                                                                 | 5.1 | 4.9 | 4.9 | 60  |
| 65                                                                                |       |     |     |     | 6.5   | 6.5  | 5.6 | 5.6 | 5.2 | 5.2 | 5.1 | 5.1 | 6.3   | 6.3  | 5.3 | 5.3 | 4.9                                                                                 | 4.9 | 4.7 | 4.7 | 65  |
| 70                                                                                |       |     |     |     | 6.2   | 6.2  | 5.3 | 5.3 | 5.1 | 5.1 |     |     | 5.9   | 5.9  | 5.1 | 5.1 | 4.8                                                                                 | 4.8 | 4.6 | 4.6 | 70  |
| 75                                                                                |       |     |     |     | 5.8   | 5.8  | 5.1 | 5.1 | 4.9 | 4.9 |     |     | 5.6   | 5.6  | 4.9 | 4.9 | 4.6                                                                                 | 4.6 | 4.6 | 4.6 | 75  |
| 80                                                                                |       |     |     |     | 5.5   | 5.5  | 4.9 | 4.9 | 4.8 | 4.8 |     |     | 5.3   | 5.3  | 4.7 | 4.7 | 4.5                                                                                 | 4.5 |     |     | 80  |
| 85                                                                                |       |     |     |     | 5.3   | 5.3  | 4.8 | 4.8 | 4.7 | 4.7 |     |     | 5.1   | 5.1  | 4.5 | 4.5 | 4.4                                                                                 | 4.4 |     |     | 85  |
| 90                                                                                |       |     |     |     | 5     | 5    | 4.6 | 4.6 |     |     |     |     | 4.8   | 4.8  | 4.4 | 4.4 | 4.3                                                                                 | 4.3 |     |     | 90  |
| 95                                                                                |       |     |     |     | 4.8   | 4.8  | 4.5 | 4.5 |     |     |     |     | 4.6   | 4.6  | 4.3 | 4.3 | 4.2                                                                                 | 4.2 |     |     | 95  |
| 100                                                                               |       |     |     |     | 4.6   | 4.6  | 4.5 | 4.5 |     |     |     |     | 4.5   | 4.5  | 4.2 | 4.2 |                                                                                     |     |     |     | 100 |
| 105                                                                               |       |     |     |     | 4.5   | 4.5  |     |     |     |     |     |     | 4.3   | 4.3  | 4.1 | 4.1 |                                                                                     |     |     |     | 105 |
| 110                                                                               |       |     |     |     |       |      |     |     |     |     |     |     | 3.9   | 3.9  | 4   | 4   |                                                                                     |     |     |     | 110 |
| 115                                                                               |       |     |     |     |       |      |     |     |     |     |     |     | 3.5   | 3.5  | 3.7 | 3.7 |                                                                                     |     |     |     | 115 |
| 120                                                                               |       |     |     |     |       |      |     |     |     |     |     |     | 3.2   | 2.8  |     |     |                                                                                     |     |     |     | 120 |

\*\* telescopic loads - capacités de levage en télescopage

t\_203\_01107\_00\_000 / 01110\_00\_000 / 01113\_00\_000 / 01116\_00\_000

# Lifting capacities Forces de levage

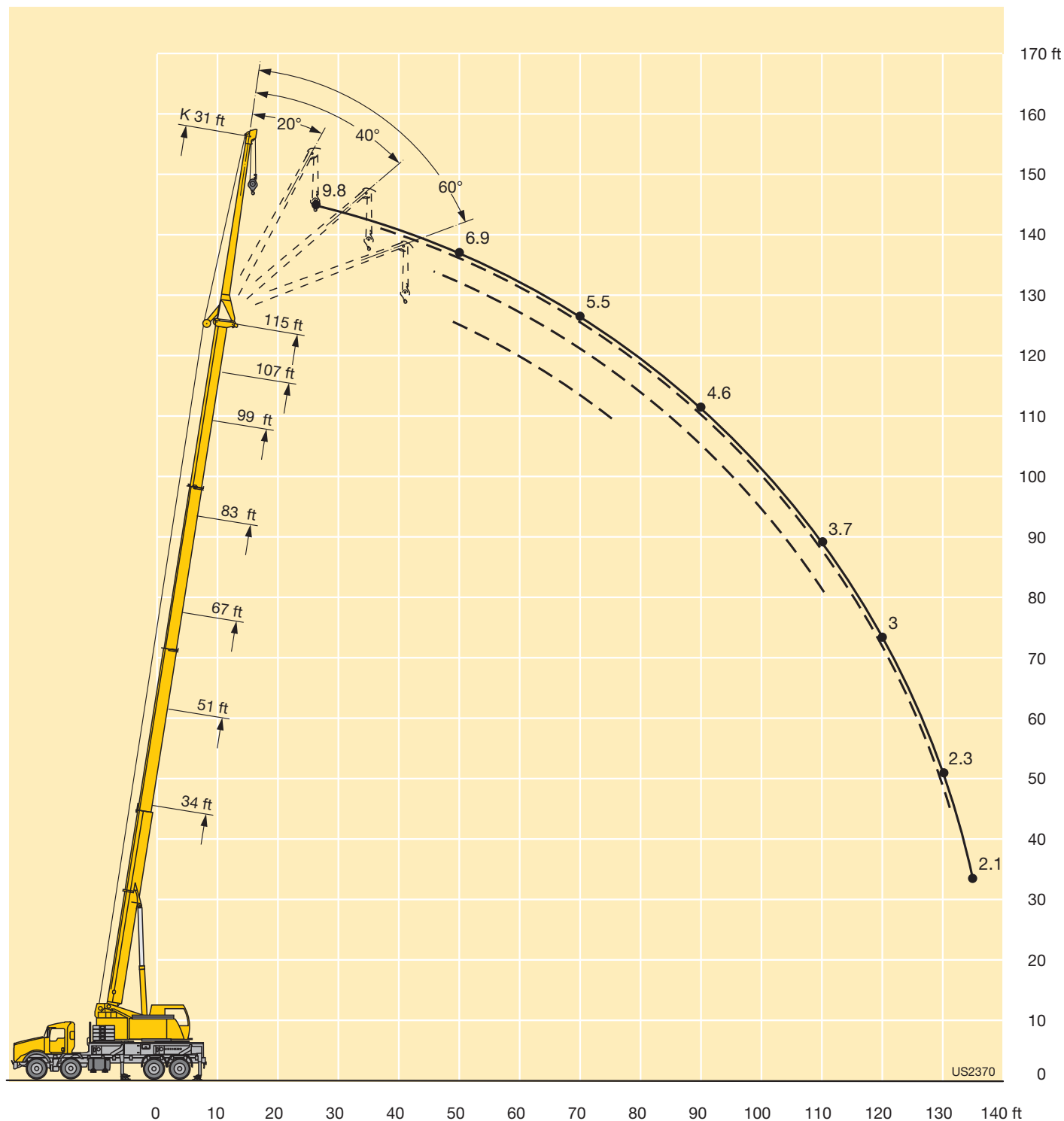
TK



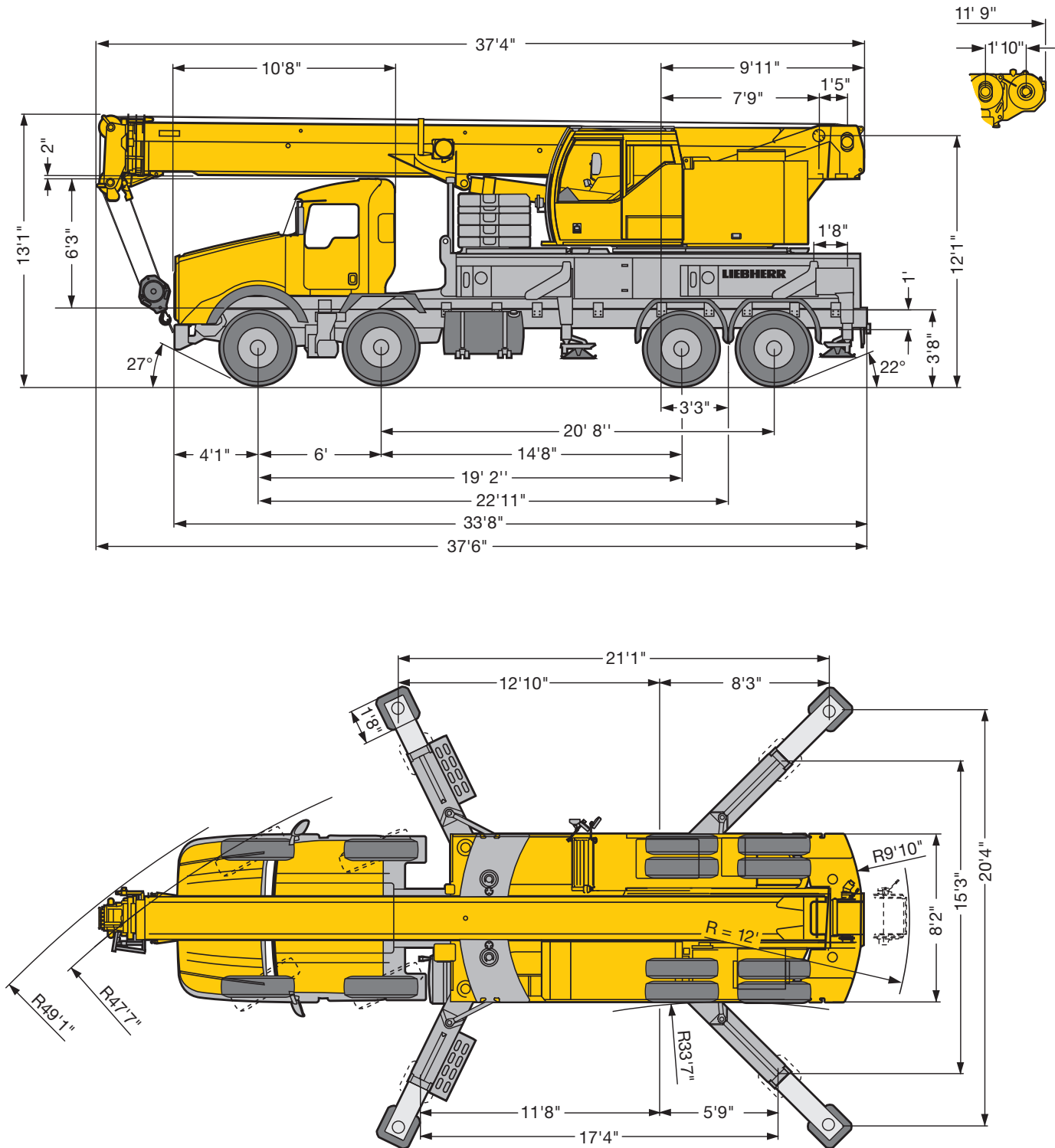
|  | 107 ft |      |     |     |     |     |     |     | 115 ft |     |     |     |     |     |     |     |  |
|-----------------------------------------------------------------------------------|--------|------|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------|
|                                                                                   | 31 ft  |      |     |     |     |     |     |     | 31 ft  |     |     |     |     |     |     |     |                                                                                     |
|                                                                                   | 0°     | **   | 20° | **  | 40° | **  | 60° | **  | 0°     | **  | 20° | **  | 40° | **  | 60° | **  |                                                                                     |
| 22                                                                                | 11.1   | 10.9 |     |     |     |     |     |     |        |     |     |     |     |     |     |     | 22                                                                                  |
| 24                                                                                | 10.9   | 10.6 |     |     |     |     |     |     | 9.8    | 6.3 |     |     |     |     |     |     | 24                                                                                  |
| 26                                                                                | 10.6   | 10.3 |     |     |     |     |     |     | 9.6    | 6   |     |     |     |     |     |     | 26                                                                                  |
| 28                                                                                | 10.4   | 10   |     |     |     |     |     |     | 9.5    | 5.7 |     |     |     |     |     |     | 28                                                                                  |
| 30                                                                                | 10.2   | 9.7  |     |     |     |     |     |     | 9.3    | 5.5 |     |     |     |     |     |     | 30                                                                                  |
| 32                                                                                | 9.9    | 9.4  |     |     |     |     |     |     | 9.1    | 5.3 |     |     |     |     |     |     | 32                                                                                  |
| 34                                                                                | 9.6    | 9.1  |     |     |     |     |     |     | 8.9    | 5.1 |     |     |     |     |     |     | 34                                                                                  |
| 36                                                                                | 9.4    | 8.9  | 7   | 7   |     |     |     |     | 8.6    | 4.9 | 6.8 | 4.6 |     |     |     |     | 36                                                                                  |
| 38                                                                                | 9.1    | 8.7  | 6.8 | 6.8 |     |     |     |     | 8.3    | 4.7 | 6.6 | 4.5 |     |     |     |     | 38                                                                                  |
| 40                                                                                | 8.8    | 8.4  | 6.7 | 6.7 | 5.8 | 5.8 |     |     | 8      | 4.5 | 6.5 | 4.3 |     |     |     |     | 40                                                                                  |
| 45                                                                                | 8.2    | 7.9  | 6.3 | 6.3 | 5.6 | 5.6 |     |     | 7.4    | 4.1 | 6.1 | 4   | 5.4 | 3.8 |     |     | 45                                                                                  |
| 50                                                                                | 7.5    | 7.3  | 6   | 6   | 5.3 | 5.3 | 5   | 5   | 6.9    | 3.8 | 5.8 | 3.6 | 5.1 | 3.5 | 4.8 | 3.4 | 50                                                                                  |
| 55                                                                                | 6.9    | 6.3  | 5.7 | 5.7 | 5.1 | 5.1 | 4.8 | 4.8 | 6.5    | 3.3 | 5.5 | 3.4 | 4.9 | 3.3 | 4.7 | 3.2 | 55                                                                                  |
| 60                                                                                | 6.4    | 6    | 5.4 | 5.4 | 4.9 | 4.9 | 4.7 | 4.7 | 6.1    | 2.7 | 5.3 | 3.1 | 4.7 | 2.9 | 4.5 | 2.7 | 60                                                                                  |
| 65                                                                                | 6.1    | 5.7  | 5.1 | 5.1 | 4.8 | 4.8 | 4.6 | 4.6 | 5.8    | 2.2 | 5   | 2.6 | 4.6 | 2.4 | 4.4 | 2.3 | 65                                                                                  |
| 70                                                                                | 5.7    | 5.4  | 4.9 | 4.9 | 4.6 | 4.6 | 4.5 | 4.5 | 5.5    | 1.7 | 4.8 | 2.1 | 4.4 | 2   | 4.3 | 1.9 | 70                                                                                  |
| 75                                                                                | 5.4    | 5.2  | 4.8 | 4.8 | 4.5 | 4.5 | 4.4 | 4.4 | 5.3    | 1.3 | 4.7 | 1.7 | 4.3 | 1.7 | 4.2 | 1.6 | 75                                                                                  |
| 80                                                                                | 5.1    | 5    | 4.6 | 4.6 | 4.3 | 4.3 |     |     | 5      | 1   | 4.5 | 1.4 | 4.2 | 1.4 |     |     | 80                                                                                  |
| 85                                                                                | 4.9    | 4.8  | 4.4 | 4.4 | 4.2 | 4.2 |     |     | 4.7    |     | 4.3 | 1.1 | 4.1 | 1.1 |     |     | 85                                                                                  |
| 90                                                                                | 4.7    | 4.1  | 4.3 | 3.9 | 4.1 | 4.1 |     |     | 4.6    |     | 4.2 |     | 4   |     |     |     | 90                                                                                  |
| 95                                                                                | 4.5    | 3.4  | 4.1 | 3.4 | 4.1 | 4.1 |     |     | 4.4    |     | 4   |     | 3.9 |     |     |     | 95                                                                                  |
| 100                                                                               | 4.3    | 2.9  | 4   | 2.9 | 4   | 3.8 |     |     | 4.2    |     | 3.9 |     | 3.8 |     |     |     | 100                                                                                 |
| 105                                                                               | 4.2    | 2.5  | 3.9 | 2.5 | 3.9 | 3.3 |     |     | 4      |     | 3.8 |     | 3.7 |     |     |     | 105                                                                                 |
| 110                                                                               | 3.8    | 2.1  | 3.8 | 2.1 |     |     |     |     | 3.7    |     | 3.7 |     | 3.7 |     |     |     | 110                                                                                 |
| 115                                                                               | 3.4    | 1.7  | 3.6 | 1.8 |     |     |     |     | 3.4    |     | 3.6 |     |     |     |     |     | 115                                                                                 |
| 120                                                                               | 3.1    | 1.4  | 3.2 | 1.5 |     |     |     |     | 3      |     | 3.2 |     |     |     |     |     | 120                                                                                 |
| 125                                                                               | 2.7    | 1    |     |     |     |     |     |     | 2.7    |     | 2.8 |     |     |     |     |     | 125                                                                                 |
| 130                                                                               | 2.5    |      |     |     |     |     |     |     | 2.3    |     | 2.5 |     |     |     |     |     | 130                                                                                 |
| 135                                                                               |        |      |     |     |     |     |     |     | 2.1    |     |     |     |     |     |     |     | 135                                                                                 |

\*\* telescopic loads - capacités de levage en télescopage

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## Dimensions Encombrement



US2414

## Weights Poids



| Axle<br>Essieu | 1     | 2     | 3     | 4     | Total weight lbs<br>Poids total lbs |
|----------------|-------|-------|-------|-------|-------------------------------------|
| lbs            | 13100 | 13100 | 17100 | 17100 | 60400 <sup>1)</sup>                 |
|                | 16900 | 16900 | 20000 | 20000 | 73800 <sup>2)</sup>                 |
|                | 19400 | 19400 | 22050 | 22050 | 82900 <sup>3)</sup>                 |

<sup>1)</sup> with 0 lbs counterweight and hook block · avec contrepoids 0 lbs et moufle à crochet

<sup>2)</sup> with 11000 lbs counterweight, folding jib, winch 2 and hook block · avec contrepoids 11000 lbs, fléchette pliante, treuil 2 et mouffet à crochet

<sup>3)</sup> with 19800 lbs counterweight, folding jib, winch 2 and hook block · avec contrepoids 19800 lbs, fléchette pliante, treuil 2 et mouffet à crochet



| Load kips<br>Forces de levage kips | No. of sheaves<br>Poulies | No. of lines<br>Brins | Weight lbs<br>Poids lbs |
|------------------------------------|---------------------------|-----------------------|-------------------------|
| 77                                 | 5                         | 11                    | 585                     |
| 49.3                               | 3                         | 7                     | 365                     |
| 22                                 | 1                         | 3                     | 320                     |
| 6.6                                | –                         | 1                     | 165                     |

## Working speeds Vitesses



| Drive<br>Mécanismes | infinitely variable<br>en continu                                                                    | Rope diameter / length<br>Diamètre / Longueur du câble | Max. single line pull<br>Effort au brin maxi. |
|---------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
|                     | 0 – 394 ft/min single line<br>ft/min au brin simple                                                  | 1/2" / 493'                                            | 7640 lbs                                      |
|                     | 0 – 394 ft/min single line<br>ft/min au brin simple                                                  | 1/2" / 493'                                            | 7640 lbs                                      |
|                     | 0 – 2.7 rpm                                                                                          |                                                        |                                               |
|                     | approx. 45 seconds to reach 81° boom angle<br>env. 45 s jusqu'à 81°                                  |                                                        |                                               |
|                     | approx. 70 seconds for boom extension from 34 ft – 115 ft<br>env. 70 s pour passer de 34 ft – 115 ft |                                                        |                                               |

\* optional · en option

## Equipment Equipment

### Crane carrier

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| <b>Manufacturer</b> | 4-axle undercarriage, manufactured by Kenworth, type T800, 8 x 4, to be provided by buyer. |
|---------------------|--------------------------------------------------------------------------------------------|

### Intermediate frame

|                   |                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame</b>      | Liebherr designed and manufactured, box type, torsion resistant, all-welded construction made of high-tensile structural steel. Linkage to carrier comprises a hollow steel profile section.   |
| <b>Outriggers</b> | Hydraulically slewable and telescoping star-pattern supports with permanently mounted support pads. Operation with remote control, automatic support leveling, electronic inclination display. |

### Crane superstructure

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame</b>            | Liebherr-made, torsion-resistant, welded construction made of high-tensile structural steel. Connection to truck chassis by single-row ball slewing ring, designed for 360° continuous rotation.                                               |
| <b>Crane engine</b>     | 4-cylinder Diesel, make Liebherr, type D934L A6, watercooled, output 129 kW (175 h.p.) at 1800 rpm, max. torque 700 lbs-ft at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 66 gallons. |
| <b>Hydraulic system</b> | One variable displacement axial piston pump and one gear type pump, open hydraulic circuits with electronic “load sensing”, 4 working movements simultaneously operational.                                                                    |
| <b>Crane control</b>    | By selfcentering four directional joysticks in the crane cabin and by varying the speed of the diesel engine, electronic precontrol and stepless regulation of all crane movements.                                                            |
| <b>Hoist gear</b>       | Axial piston fixed displacement motor, hoist drum with integrated planetary gear and spring loaded static brake, actuation by open oil circuit.                                                                                                |
| <b>Luffing gear</b>     | 1 differential hydraulic ram with pilot locking valve.                                                                                                                                                                                         |
| <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>        | Galvanized steel construction, powder coating, safety glazing, control elements and instruments for crane operation and traveling.                                                                                                             |
| <b>Safety devices</b>   | LICCON2 safe load indicator, hoist limit switch, safety valves against pipe and hose rupture.                                                                                                                                                  |

|                          |                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Telescopic boom</b>   | 1 boom pivot section and 3 telescopic sections. All sections hydraulically extendable under load.<br>Boom length: 34 ft – 115 ft. |
| <b>Counterweight</b>     | 11000 lbs                                                                                                                         |
| <b>Electrical system</b> | Modern data bus technique, 24 Volt DC.                                                                                            |

### Additional equipment

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Folding jib</b>               | Single folding jib, 31 ft long, installation at 0°, 20°, 40° or 60°.                               |
| <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>Whip line</b>                 | Single sheave, sidewise foldable.                                                                  |
| <b>Additional counterweight</b>  | 8800 lbs for a total counterweight of 19800 lbs.                                                   |

Other items of equipment available on request.

# Equipment Equipment

## Châssis porteur

|                |                                                                              |
|----------------|------------------------------------------------------------------------------|
| <b>Produit</b> | Châssis sur 4 essieux, marque Kenworth type T800, 8 x 4, à livrer du client. |
|----------------|------------------------------------------------------------------------------|

## Cadre intermédiaire

|                       |                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cadre</b>          | Fabrication Liebherr, construction en caisson indéformable, en acier grain fin à haute résistance, liaison au châssis de profil creux MSH.                                                                                 |
| <b>Stabilisateurs</b> | Poutres de calage en étoile, orientables et télescopables hydrauliquement comportant à demeure les patins de calage. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique. |

## Partie tournante

|                            |                                                                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cadre</b>               | Fabrication Liebherr, construction soudée indéformable en acier à grain fin de haute résistance. Couronne d'orientation à 1 rangée de billes entre partie tournante et châssis porteur, rotation continue sur 360°.                                                                                          |
| <b>Moteur</b>              | Moteur diesel Liebherr, 4 cylindres, de type D934L A6, à refroidissement par eau, de 129 kW (175 ch) à 1800 rpm, couple max. 700 lbs-ft à 1100 rpm – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 66 gallons. |
| <b>Système hydraulique</b> | 1 pompe à débit variable à piston axiaux et 1 pompe à engrenage, circuits hydrauliques ouverts avec «load sensing» électronique, 4 mouvements de travail pouvant être exécutés simultanément.                                                                                                                |
| <b>Commande</b>            | Commande dans la cabine du grutier via 4 manipulateurs à retour automatique en position neutre et régulation du régime du moteur diesel, servocommande électronique et régulation continue de tous les mouvements de la grue.                                                                                |
| <b>Mécan. de levage</b>    | Moteur hydraulique à cylindrée constante, treuil à réducteur planétaire incorporé et frein à ressort, en circuit hydraulique ouvert.                                                                                                                                                                         |
| <b>Mécan. de relevage</b>  | 1 vérin différentiel, avec clapet anti-retour de sécurité.                                                                                                                                                                                                                                                   |
| <b>Orientation</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</b>              | En tôle d'acier galvanisée, peinte par poudrage polyester et cuisson au four, avec vitrage de sécurité, dotée de tous les éléments de contrôle et de commande pour l'opération et la conduite de la grue.                                                                                                    |

|                                |                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dispositifs de sécurité</b> | Contrôleur de l'état de charge LICCON2, fin de course de levage, soupapes de sécurité sur tubes et flexibles contre rupture.                 |
| <b>Flèche télescopique</b>     | Flèche à télescopage hydraulique formée d'un élément de base et de 3 éléments télescopables en charge.<br>Longueur de flèche: 34 ft – 115 ft |
| <b>Contrepoids</b>             | 11000 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>          | Fléchette pliante simple, longueur 31 ft, montable à 0°, 20°, 40° ou 60°.                                                                     |
| <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>Poulie brin simple</b>         | 1 poulie, rabattable sur le côté.                                                                                                             |
| <b>Contrepoids supplémentaire</b> | 8800 lbs pour un contrepoids total de 19800 lbs.                                                                                              |

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. Lifting capacities are subject to modifications.
9. Lifting capacities above 70300 lbs / 77200 lbs only with additional pulley block / special equipment.

## 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 dépliable déposée.
8. Les forces de levage sont modifiables sans préavis.
9. Forces de levage plus de 70300 lbs / 77200 lbs seulement avec un moufle complémentaire / équipement supplémentaire.

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