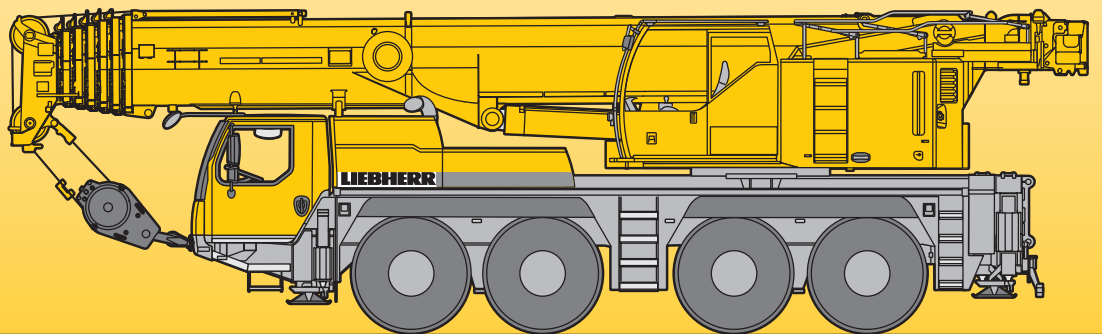


Mobile Crane Grue mobile

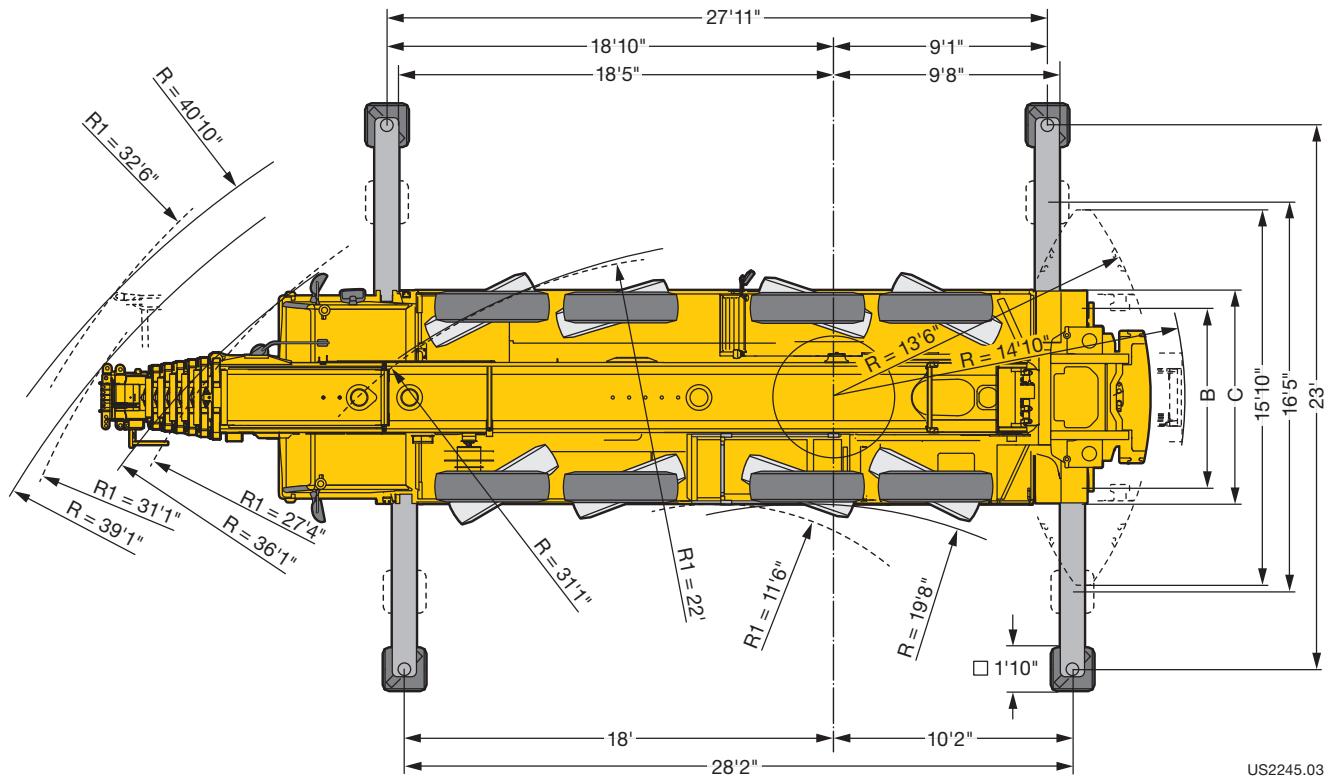
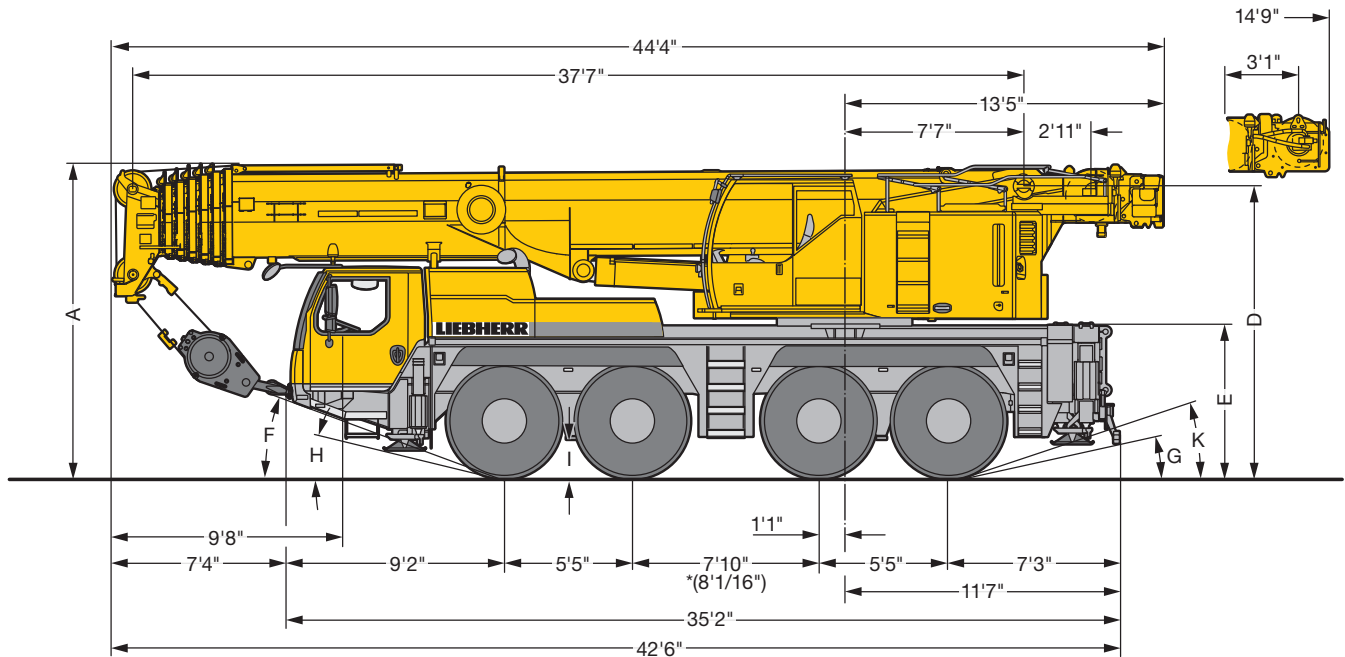
LTM 1100-4.2

Technical Data Caractéristiques techniques



LIEBHERR

Dimensions Encombrement



US2245.03

R₁ = All-wheel steering · Direction toutes roues * optional · en option

| Dimensions · Encombrement | | | | | | | | | | | |
|---|-------|-----------------|------|------|-------|------|-----|-----|-----|------|-----|
|  | A | A | B | C | D | E | F | G | H | I | K |
| 445/95 R 25 (16.00 R 25) | 13'1" | 12'10" 4" ** | 7'7" | 9' | 12'2" | 6'4" | 20° | 11° | 13° | 1'5" | 17° |
| 525/80 R 25 (20.5 R 25) | 13'1" | 12'10" | 7'9" | 9'6" | 12'2" | 6'4" | 20° | 11° | 13° | 1'5" | 17° |

** lowered · abaissé

Weights Poids



| Axle Essieu | 1 | 2 | 3 | 4 | Total weight lbs Poids total lbs |
|----------------|-------|-------|-------|-------|-------------------------------------|
| lbs | 26400 | 26400 | 26400 | 26400 | 105600 ¹⁾ |

¹⁾ with 5500 lbs counterweight · avec contrepoids 5500 lbs



| Load kips Forces de levage kips | No. of sheaves Poulies | No. of lines Brins | Weight lbs Poids lbs |
|------------------------------------|---------------------------|-----------------------|-------------------------|
| 220.5 | 7 | 14 | 2730 |
| 167.6 | 5 | 11 | 1540 |
| 110.2 | 3 | 7 | 1540 |
| 48.5 | 1 | 3 | 990 |
| 16.5 | – | 1 | 550 |

Working speeds Vitesses



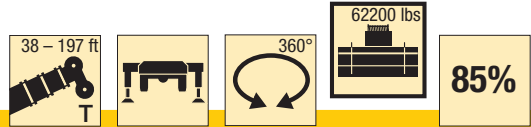
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | R 1 | R 2 | |
|-----------------------------|-----|---------------|-----|-----|-----|------|----|----|------|------|------|----|----|------------|-----|------|
| 445/95 R 25 (16.00 R 25) | mph | 1.28 – 3.7 | 4.8 | 6.2 | 8 | 10.1 | 13 | 17 | 21.9 | 28.2 | 36.2 | 46 | 50 | 1.4 – 4 | 5.2 | 48 % |
| 525/80 R 25 (20.5 R 25) | | 0.3 – 0.9 | 1.2 | 1.5 | 1.9 | – | – | – | – | – | – | – | – | 0.3 – 1 | 1.2 | 61 % |



| Drive Mécanismes | infinitely variable en continu | Rope diameter / length Diamètre / Longueur du câble | Max. single line pull Effort au brin maxi. |
|---------------------|--|--|---|
| | 0 – 377 ft/min single line ft/min au brin simple | 0'7" / 820' | 17310 lbs |
| | 0 – 377 ft/min single line ft/min au brin simple | 0'7" / 820' | 17310 lbs |
| | 0 – 1.7 rpm | | |
| | approx. 60 seconds to reach 82° boom angle env. 60 s jusqu'à 82° | | |
| | approx. 400 seconds for boom extension from 38 ft – 197 ft env. 400 s pour passer de 38 ft – 197 ft | | |

Lifting capacities Forces de levage

T



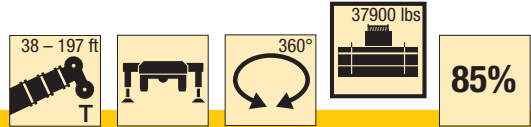
| ft | 38 - 197 ft | | | | | | | | | | | | | | | | | | ft | | | | | | |
|-----|-------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|-----|-----|-----|-----|-----|-----|
| | * | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | | | | | | | |
| 9 | | 143.8 | 142.3 | 142.9 | 142.3 | | | | | | | | | | | | | | 9 | | | | | | |
| 10 | 223.4 | 141.8 | 141.6 | 141.4 | 141.2 | | | | | | | | | | | | | | 10 | | | | | | |
| 11 | 172.1 | 139.2 | 139 | 138.8 | 138.7 | 137.2 | | | | | | | | | | | | | 11 | | | | | | |
| 12 | 164.6 | 136 | 135.9 | 135.6 | 135.6 | 134.9 | | | | | | | | | | | | | 12 | | | | | | |
| 13 | 156.4 | 132.1 | 132.3 | 131.9 | 131.9 | 131 | 113.4 | | | | | | | | | | | | 13 | | | | | | |
| 14 | 148.6 | 126.2 | 126.7 | 126.6 | 126.6 | 126 | 113 | | | | | | | | | | | | 14 | | | | | | |
| 15 | 141.5 | 120.1 | 120.8 | 121.1 | 120.9 | 120.9 | 112.3 | | | | | | | | | | | | 15 | | | | | | |
| 16 | 134.8 | 114.5 | 115.3 | 115.5 | 115.8 | 115.5 | 110.7 | | | | | | | | | | | | 16 | | | | | | |
| 17 | 128.2 | 109.5 | 110.5 | 110.8 | 111.2 | 110.7 | 107.8 | 92.5 | | | | | | | | | | | 17 | | | | | | |
| 18 | 121.8 | 105 | 106.2 | 106.7 | 106.8 | 106.2 | 104.1 | 92.6 | 76.5 | | | | | | | | | | 18 | | | | | | |
| 20 | 110.6 | 96.3 | 97.8 | 98.6 | 98.4 | 97.8 | 96.9 | 92.2 | 76 | | | | | | | | | | 20 | | | | | | |
| 22 | 101 | 89.2 | 90.6 | 91.9 | 92 | 91.6 | 90.9 | 88 | 75.6 | 62.1 | 50.7 | | | | | | | | 22 | | | | | | |
| 24 | 93 | 82.6 | 84.2 | 85.6 | 85.9 | 85.6 | 84.9 | 83.2 | 74.9 | 61.7 | 50.5 | | | | | | | | 24 | | | | | | |
| 26 | 85.8 | 76.4 | 78.5 | 79.7 | 80.1 | 79.9 | 79 | 77.8 | 74 | 61.3 | 51.1 | | | | | | | | 26 | | | | | | |
| 28 | 78.7 | | 73.5 | 74.6 | 74.9 | 74.7 | 73.9 | 72.9 | 70.2 | 60.7 | 50.9 | 36.6 | 42.2 | | | | | | 28 | | | | | | |
| 30 | 62.9 | | 68.6 | 69.7 | 69.9 | 69.7 | 69 | 68.2 | 66 | 59.8 | 50.6 | 36 | 42 | | | | | | 30 | | | | | | |
| 32 | | | 63.9 | 65.1 | 65.5 | 65.3 | 64.5 | 64.1 | 61.9 | 58.2 | 50.4 | 35.3 | 41.8 | 30.9 | 35.1 | 27.8 | 28.7 | | 32 | | | | | | |
| 34 | | | 59.6 | 60.9 | 61.3 | 61 | 60.2 | 60.1 | 58.2 | 55.5 | 49.7 | 34.7 | 41.6 | 30.7 | 34.9 | 27.6 | 28.6 | | 34 | | | | | | |
| 36 | | | 55.5 | 56.8 | 57.3 | 56.8 | 56.2 | 56.2 | 54.8 | 52.2 | 48.8 | 34.2 | 41.5 | 30.4 | 34.6 | 27.4 | 28.5 | 23.6 | 36 | | | | | | |
| 38 | | | | 53.5 | 53.8 | 53.5 | 53.3 | 53.3 | 51.5 | 49 | 46 | 33.5 | 40.9 | 30 | 34.5 | 27.2 | 28.3 | 23.6 | 38 | | | | | | |
| 40 | | | | 50.3 | 50.5 | 50.3 | 50.6 | 50.5 | 48.4 | 46 | 43.5 | 32.9 | 40.1 | 29.6 | 34.3 | 27.1 | 28.2 | 23.6 | 40 | | | | | | |
| 45 | | | | 43.6 | 44 | 43.6 | 44.6 | 43.8 | 42.7 | 40.5 | 39 | 31.2 | 36.6 | 28.4 | 33.5 | 26.6 | 27.8 | 23.2 | 45 | | | | | | |
| 50 | | | | | 38.4 | 38.9 | 39.1 | 38.5 | 37.6 | 36.3 | 34.7 | 29.5 | 32.9 | 27.3 | 30.7 | 25.8 | 27.2 | 23 | 50 | | | | | | |
| 55 | | | | | 33.7 | 34.8 | 34.4 | 34.1 | 33.3 | 32.5 | 31.1 | 27.8 | 29.7 | 26 | 27.9 | 24.9 | 26 | 22.6 | 55 | | | | | | |
| 60 | | | | | 30 | 30.9 | 30.5 | 30.5 | 29.8 | 29 | 28.1 | 26.2 | 26.8 | 24.7 | 25.5 | 23.8 | 24 | 21.8 | 60 | | | | | | |
| 65 | | | | | | 27.5 | 27.1 | 27.5 | 26.6 | 26.2 | 25.3 | 24.7 | 23.9 | 23.3 | 22.8 | 22.4 | 21.3 | 20.7 | 65 | | | | | | |
| 70 | | | | | | 24.8 | 24.8 | 24.9 | 24.5 | 23.9 | 22.9 | 22.6 | 21.5 | 21.2 | 20.4 | 20.2 | 19 | 18.6 | 70 | | | | | | |
| 75 | | | | | | | 22.7 | 22.5 | 22.4 | 21.7 | 20.7 | 20.5 | 19.4 | 19.2 | 18.4 | 18.1 | 17 | 16.6 | 75 | | | | | | |
| 80 | | | | | | | | 20.7 | 20.3 | 20.3 | 19.6 | 18.7 | 18.5 | 17.4 | 17.4 | 16.6 | 16.3 | 15.2 | 14.8 | 80 | | | | | |
| 85 | | | | | | | | | 18.6 | 18.4 | 18 | 16.9 | 16.9 | 15.8 | 15.8 | 14.9 | 14.7 | 13.6 | 13.3 | 85 | | | | | |
| 90 | | | | | | | | | 16.9 | 16.7 | 16.3 | 15.5 | 15.3 | 14.2 | 14.2 | 13.4 | 13.3 | 12.2 | 11.8 | 90 | | | | | |
| 95 | | | | | | | | | | 15.3 | 14.8 | 14.2 | 14 | 12.9 | 12.9 | 12.1 | 12.1 | 10.8 | 10.5 | 95 | | | | | |
| 100 | | | | | | | | | | 14 | 13.5 | 12.9 | 12.9 | 11.8 | 11.8 | 10.9 | 10.9 | 9.6 | 9.4 | 100 | | | | | |
| 105 | | | | | | | | | | | 12.8 | 12.1 | 11.7 | 11.7 | 10.8 | 9.9 | 9.7 | 8.6 | 8.4 | 105 | | | | | |
| 110 | | | | | | | | | | | | 11.1 | 10.7 | 10.7 | 9.8 | 9.7 | 8.9 | 8.9 | 7.8 | 7.5 | 110 | | | | |
| 115 | | | | | | | | | | | | | 10.2 | 9.8 | 9.8 | 8.9 | 8.9 | 8 | 6.9 | 6.7 | 115 | | | | |
| 120 | | | | | | | | | | | | | | 8.9 | 8.9 | 8.1 | 8.1 | 7.2 | 7.2 | 6.1 | 5.9 | 120 | | | |
| 125 | | | | | | | | | | | | | | | 8.1 | 8.1 | 7.2 | 7.2 | 6.6 | 6.4 | 5.3 | 5 | 125 | | |
| 130 | | | | | | | | | | | | | | | | 7.3 | 7.4 | 6.4 | 6.6 | 5.7 | 5.7 | 4.6 | 4.5 | 130 | |
| 135 | | | | | | | | | | | | | | | | | 6.8 | 5.7 | 5.9 | 5 | 5.1 | 4 | 3.9 | 135 | |
| 140 | | | | | | | | | | | | | | | | | | 5.1 | 5.2 | 4.4 | 4.6 | 3.5 | 3.3 | 140 | |
| 145 | | | | | | | | | | | | | | | | | | | 4.5 | 4.6 | 3.9 | 3.9 | 2.8 | 2.8 | 145 |
| 150 | | | | | | | | | | | | | | | | | | | | | 4.1 | 3.2 | 3.4 | 2.3 | 150 |
| 155 | | | | | | | | | | | | | | | | | | | | | | 2.7 | 2.9 | | 155 |
| 160 | | | | | | | | | | | | | | | | | | | | | | | 2.4 | | 160 |

* over rear · en arrière

t_187_01426_00_000 / 187_01113_00_000

Lifting capacities Forces de levage

T

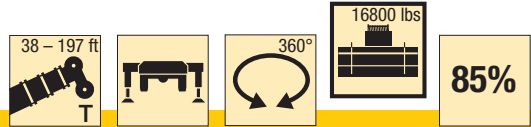


| | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 9 | 153.1 | 151.2 | 144.3 | | | | | | | | | | | | | | | 9 |
| 10 | 151.9 | 150.7 | 144.3 | 143.7 | | | | | | | | | | | | | | 10 |
| 11 | 145.2 | 144.7 | 142 | 142.3 | 136.8 | | | | | | | | | | | | | 11 |
| 12 | 138.2 | 138 | 137.3 | 137.8 | 133.8 | | | | | | | | | | | | | 12 |
| 13 | 130.8 | 130.8 | 130.3 | 130.5 | 129.1 | 113.4 | | | | | | | | | | | | 13 |
| 14 | 124.3 | 124.8 | 124.7 | 124.9 | 124.2 | 113 | | | | | | | | | | | | 14 |
| 15 | 118.2 | 119.1 | 119.3 | 119.5 | 119.1 | 112.1 | | | | | | | | | | | | 15 |
| 16 | 112.8 | 113.7 | 114 | 114.2 | 113.7 | 109.8 | 92.3 | | | | | | | | | | | 16 |
| 17 | 107.9 | 108.9 | 109.2 | 109.4 | 108.9 | 106.1 | 91.9 | | | | | | | | | | | 17 |
| 18 | 103.3 | 104.5 | 104.9 | 105 | 104.5 | 101.5 | 91 | 76.5 | | | | | | | | | | 18 |
| 20 | 94.2 | 95.8 | 96.6 | 96.6 | 95.9 | 92.4 | 88.2 | 75.5 | | | | | | | | | | 20 |
| 22 | 86.1 | 88.3 | 89.6 | 89.7 | 88.9 | 84.1 | 80 | 72 | 62.1 | 50.7 | | | | | | | | 22 |
| 24 | 78.5 | 81 | 82.5 | 82.7 | 81.3 | 76.4 | 72.9 | 67.8 | 60.8 | 50.5 | | | | | | | | 24 |
| 26 | 71.2 | 73.9 | 75.4 | 75.6 | 73.1 | 69.4 | 66.7 | 62.8 | 58.7 | 51.1 | | | | | | | | 26 |
| 28 | | 68.1 | 69.6 | 69.6 | 66.7 | 64 | 61.3 | 58.3 | 55 | 49.4 | 36.6 | 42.2 | | | | | | 28 |
| 30 | | 62.8 | 64.1 | 63.8 | 60.8 | 59 | 56.3 | 54 | 51.2 | 47.2 | 36 | 41.9 | | | | | | 30 |
| 32 | | 57.8 | 59.3 | 58.6 | 55.8 | 54.8 | 52 | 50.2 | 47.7 | 44.7 | 35.3 | 40.9 | 30.9 | 35.1 | 27.8 | 28.7 | | 32 |
| 34 | | 53.4 | 54.9 | 54 | 52.1 | 51 | 48.6 | 46.9 | 44.7 | 42.2 | 34.7 | 39.4 | 30.7 | 34.7 | 27.6 | 28.6 | | 34 |
| 36 | | 49.3 | 50.9 | 49.8 | 49.3 | 47.3 | 45.8 | 43.8 | 42 | 39.8 | 34.2 | 37.6 | 30.4 | 34.2 | 27.4 | 28.5 | 23.6 | 36 |
| 38 | | | 47.5 | 46.4 | 46.2 | 44.2 | 42.8 | 41.1 | 39.7 | 37.9 | 33.5 | 35.7 | 30 | 32.8 | 27.2 | 28.3 | 23.6 | 38 |
| 40 | | | 44.4 | 43.4 | 43.3 | 41.4 | 40.1 | 38.6 | 37.5 | 36 | 32.8 | 33.8 | 29.6 | 31.3 | 27.1 | 27.9 | 23.6 | 40 |
| 45 | | | 37.6 | 37.7 | 36.9 | 35.9 | 34.9 | 33.8 | 32.5 | 31.1 | 30.2 | 29.3 | 28.3 | 27.8 | 26.6 | 25.6 | 23.2 | 45 |
| 50 | | | | 33 | 32 | 31.7 | 30.5 | 29.6 | 28.4 | 27.1 | 26.8 | 25.4 | 25.1 | 24.1 | 23.7 | 22.4 | 21.4 | 50 |
| 55 | | | | 28.8 | 28.1 | 28 | 26.8 | 26 | 24.9 | 23.6 | 23.4 | 22.2 | 21.9 | 20.9 | 20.7 | 19.4 | 18.9 | 55 |
| 60 | | | | 25 | 24.8 | 24.6 | 23.7 | 22.9 | 21.8 | 20.7 | 20.5 | 19.4 | 19.2 | 18.3 | 18.1 | 16.8 | 16.3 | 60 |
| 65 | | | | | 22 | 21.9 | 21.1 | 20.4 | 19.3 | 18.4 | 18.2 | 17 | 16.8 | 15.9 | 15.7 | 14.6 | 14.2 | 65 |
| 70 | | | | | 19.4 | 19.8 | 19 | 18.2 | 17.2 | 16.3 | 16.1 | 15 | 14.9 | 14 | 13.8 | 12.7 | 12.4 | 70 |
| 75 | | | | | | 17.8 | 17 | 16.3 | 15.4 | 14.5 | 14.4 | 13.3 | 13.3 | 12.4 | 12.2 | 11.1 | 10.8 | 75 |
| 80 | | | | | | | 15.9 | 15.3 | 14.7 | 13.8 | 12.9 | 12.9 | 11.8 | 11.7 | 10.9 | 10.7 | 9.6 | 80 |
| 85 | | | | | | | | 13.8 | 13.3 | 12.4 | 11.5 | 11.5 | 10.4 | 10.2 | 9.6 | 9.3 | 8.2 | 85 |
| 90 | | | | | | | | 12.4 | 12 | 11.1 | 10.4 | 10.2 | 9.1 | 9 | 8.4 | 8.2 | 7.1 | 90 |
| 95 | | | | | | | | | 10.7 | 10 | 9.2 | 9.1 | 8 | 8 | 7.3 | 7.1 | 6 | 95 |
| 100 | | | | | | | | | 9.6 | 9 | 8.1 | 8.1 | 7 | 7 | 6.3 | 6.1 | 5 | 100 |
| 105 | | | | | | | | | 8.6 | 8.2 | 7.3 | 7.3 | 6.2 | 6.2 | 5.3 | 5.3 | 4.2 | 105 |
| 110 | | | | | | | | | | 7.2 | 6.4 | 6.4 | 5.3 | 5.5 | 4.6 | 4.6 | 3.4 | 110 |
| 115 | | | | | | | | | | 6.3 | 5.7 | 5.7 | 4.6 | 4.7 | 4 | 4 | 2.6 | 115 |
| 120 | | | | | | | | | | | 5 | 5 | 4 | 4 | 3.3 | 3.3 | | 120 |
| 125 | | | | | | | | | | | 4.4 | 4.4 | 3.5 | 3.5 | 2.6 | 2.6 | | 125 |
| 130 | | | | | | | | | | | 3.7 | 3.7 | 2.8 | 2.8 | 2.1 | 2.1 | | 130 |
| 135 | | | | | | | | | | | | 3.2 | 2.3 | 2.3 | | | | 135 |

t_187_01116_00_000

Lifting capacities Forces de levage

T




| ft | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | ft |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 9 | 149.8 | 143.6 | 137.5 | 136.8 | | | | | | | | | | | | | | 9 |
| 10 | 144.9 | 142.7 | 137.3 | 136.7 | | | | | | | | | | | | | | 10 |
| 11 | 137 | 136.1 | 134.2 | 134 | 129.7 | | | | | | | | | | | | | 11 |
| 12 | 129.5 | 129.7 | 129.6 | 129.2 | 126.3 | | | | | | | | | | | | | 12 |
| 13 | 122.6 | 123.4 | 123.5 | 122.5 | 121.2 | 107.9 | | | | | | | | | | | | 13 |
| 14 | 116.5 | 117.3 | 117.5 | 117.2 | 115.3 | 104.2 | | | | | | | | | | | | 14 |
| 15 | 110.7 | 111.5 | 111.6 | 112 | 108.7 | 99.2 | | | | | | | | | | | | 15 |
| 16 | 105.2 | 106.3 | 106.2 | 106.3 | 100.4 | 91.7 | 84.7 | | | | | | | | | | | 16 |
| 17 | 99.7 | 101.2 | 101.3 | 100.7 | 93.9 | 86.2 | 81.3 | | | | | | | | | | | 17 |
| 18 | 94.3 | 95.9 | 96.8 | 94.9 | 88.6 | 82.2 | 77.2 | 69.9 | | | | | | | | | | 18 |
| 20 | 83.7 | 85.8 | 87.5 | 83.8 | 78.4 | 74.2 | 69.3 | 65.4 | | | | | | | | | | 20 |
| 22 | 75.1 | 77.8 | 77.6 | 74.1 | 69.4 | 66.8 | 62.4 | 59.2 | 54.4 | 46.7 | | | | | | | | 22 |
| 24 | 66.5 | 69.7 | 68.8 | 65.7 | 62.4 | 60.1 | 56.6 | 53.8 | 50.5 | 44.7 | | | | | | | | 24 |
| 26 | 57.7 | 61.6 | 61.1 | 58.4 | 57.3 | 54.1 | 51.7 | 49.1 | 46.6 | 43 | | | | | | | | 26 |
| 28 | | 54.5 | 55.1 | 53.1 | 52.3 | 49.2 | 47.7 | 45.4 | 43.1 | 40.5 | 34.8 | 37.3 | | | | | | 28 |
| 30 | | 47.9 | 49.5 | 48.3 | 47.6 | 45 | 44 | 42 | 39.9 | 37.9 | 34.2 | 35.1 | | | | | | 30 |
| 32 | | 42.7 | 44.4 | 44.8 | 43.5 | 42.3 | 40.6 | 39 | 36.9 | 35.1 | 33.2 | 32.7 | 29.6 | 30.3 | 26.5 | 26.8 | | 32 |
| 34 | | 38.2 | 40 | 41.3 | 40.1 | 39.4 | 37.6 | 36.1 | 34.2 | 32.4 | 31.6 | 30.3 | 28.7 | 28.6 | 26 | 25.7 | | 34 |
| 36 | | 34.3 | 36.1 | 37.6 | 37 | 36.3 | 35 | 33.4 | 31.6 | 29.9 | 29.4 | 27.9 | 27.4 | 26.3 | 25.2 | 24.1 | 22.1 | 36 |
| 38 | | | 33 | 34.5 | 34.3 | 33.8 | 32.5 | 31.1 | 29.5 | 27.8 | 27.4 | 25.9 | 25.4 | 24.4 | 23.6 | 22.4 | 20.6 | 38 |
| 40 | | | 30.2 | 31.7 | 31.7 | 31.6 | 30.3 | 29 | 27.5 | 25.9 | 25.5 | 24 | 23.6 | 22.7 | 22 | 20.7 | 19.2 | 40 |
| 45 | | | 24.6 | 26.2 | 26.2 | 26.7 | 25.4 | 24.4 | 23.1 | 21.7 | 21.5 | 20.1 | 19.9 | 18.8 | 18.3 | 17 | 15.8 | 45 |
| 50 | | | | 21.9 | 21.9 | 22.5 | 21.7 | 20.9 | 19.7 | 18.5 | 18.3 | 16.9 | 16.7 | 15.8 | 15.3 | 14.1 | 13.2 | 50 |
| 55 | | | | 18.3 | 18.4 | 19 | 18.6 | 17.8 | 16.8 | 15.7 | 15.6 | 14.3 | 14.1 | 13.2 | 12.8 | 11.7 | 10.9 | 55 |
| 60 | | | | 15.5 | 15.7 | 16.1 | 15.9 | 15.3 | 14.4 | 13.3 | 13.3 | 12 | 12 | 11.1 | 10.7 | 9.6 | 8.9 | 60 |
| 65 | | | | | 13.3 | 13.9 | 13.7 | 13.3 | 12.4 | 11.5 | 11.3 | 10.2 | 10.2 | 9.3 | 9 | 7.9 | 7.3 | 65 |
| 70 | | | | | 11.4 | 12.1 | 11.8 | 11.5 | 10.7 | 9.9 | 9.7 | 8.6 | 8.6 | 7.7 | 7.6 | 6.4 | 5.9 | 70 |
| 75 | | | | | | 10.4 | 10.2 | 10 | 9.2 | 8.5 | 8.4 | 7.3 | 7.3 | 6.4 | 6.3 | 5.1 | 4.7 | 75 |
| 80 | | | | | | 9 | 8.7 | 8.5 | 7.9 | 7.2 | 7.2 | 6.1 | 6.1 | 5.3 | 5 | 3.9 | 3.7 | 80 |
| 85 | | | | | | | 7.6 | 7.4 | 6.9 | 6 | 6 | 4.9 | 4.9 | 4.3 | 4 | 2.9 | 2.7 | 85 |
| 90 | | | | | | | 6.6 | 6.3 | 5.7 | 5.2 | 5.2 | 4.1 | 4.1 | 3.2 | 3.2 | | | 90 |
| 95 | | | | | | | | 5.4 | 4.8 | 4.3 | 4.3 | 3.2 | 3.3 | 2.4 | 2.4 | | | 95 |
| 100 | | | | | | | | 4.6 | 4 | 3.5 | 3.5 | | | | | | | 100 |
| 105 | | | | | | | | 3.8 | 3.3 | 2.9 | 2.9 | | | | | | | 105 |
| 110 | | | | | | | | | 2.6 | 2.2 | 2.2 | | | | | | | 110 |
| 115 | | | | | | | | | 2.1 | | | | | | | | | 115 |


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Lifting capacities Forces de levage


T




38 - 197 ft



360°



8800 lbs



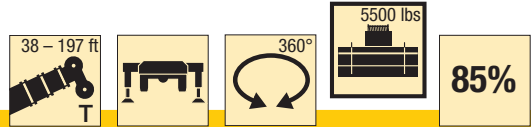
85%

| | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | | |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|-----|
| 9 | 149.4 | 143.5 | 137.5 | 136.8 | | | | | | | | | | | | | | 9 | |
| 10 | 144 | 142.4 | 137.2 | 136.6 | | | | | | | | | | | | | | 10 | |
| 11 | 136.1 | 135.6 | 133.6 | 133.6 | 128.6 | | | | | | | | | | | | | 11 | |
| 12 | 128.7 | 128.9 | 128.7 | 128.4 | 123.8 | | | | | | | | | | | | | 12 | |
| 13 | 121.9 | 122.5 | 122.7 | 121.5 | 116.8 | 104.6 | | | | | | | | | | | | 13 | |
| 14 | 115.5 | 116.3 | 116.5 | 114.4 | 107 | 96.5 | | | | | | | | | | | | 14 | |
| 15 | 109.2 | 110.3 | 110.3 | 106.9 | 97.6 | 88.7 | | | | | | | | | | | | 15 | |
| 16 | 102.9 | 104.7 | 104 | 98.3 | 90.6 | 84.2 | 79.1 | | | | | | | | | | | 16 | |
| 17 | 97 | 99.2 | 97.7 | 91.4 | 84.6 | 79.9 | 74.6 | | | | | | | | | | | 17 | |
| 18 | 91.4 | 93.5 | 91.4 | 85.6 | 79.4 | 75.5 | 70.4 | 64.5 | | | | | | | | | | 18 | |
| 20 | 80.4 | 82.3 | 79.3 | 74.4 | 69.5 | 67 | 62.3 | 59.2 | | | | | | | | | | 20 | |
| 22 | 70.2 | 71.6 | 69.1 | 65.6 | 62.8 | 59.6 | 56.3 | 53.2 | 49.4 | 41.9 | | | | | | | | 22 | |
| 24 | 60.3 | 62.3 | 60.6 | 58.4 | 56.5 | 53.6 | 51 | 48.3 | 45.2 | 39.5 | | | | | | | | 24 | |
| 26 | 50.8 | 54.5 | 53.8 | 52.9 | 50.6 | 48.9 | 46.4 | 44.4 | 41.7 | 38.7 | | | | | | | | 26 | |
| 28 | | 47.9 | 48.3 | 48 | 45.9 | 44.6 | 42.4 | 40.5 | 38.2 | 35.8 | 33.9 | 33.2 | | | | | | 28 | |
| 30 | | 41.9 | 43.3 | 43.4 | 41.7 | 40.6 | 38.7 | 36.8 | 34.8 | 32.7 | 32 | 30.3 | | | | | | 30 | |
| 32 | | 37.2 | 38.8 | 39.5 | 37.9 | 37.1 | 35.3 | 33.7 | 31.8 | 30 | 29.3 | 27.7 | 26.6 | 25.2 | 24.8 | 23.4 | | 32 | |
| 34 | | 33.2 | 35 | 36.1 | 34.6 | 34 | 32.4 | 30.9 | 29.2 | 27.5 | 26.9 | 25.4 | 25 | 23.7 | 23.1 | 21.7 | | 34 | |
| 36 | | 29.7 | 31.5 | 33 | 31.7 | 31.2 | 29.9 | 28.3 | 26.8 | 25.2 | 24.8 | 23.2 | 22.8 | 21.7 | 21 | 19.7 | 18.4 | 36 | |
| 38 | | | 28.6 | 30.2 | 29.2 | 28.9 | 27.6 | 26.3 | 24.8 | 23.3 | 22.9 | 21.5 | 21 | 20.1 | 19.4 | 18.1 | 16.8 | 38 | |
| 40 | | | | 26 | 27.6 | 27 | 26.8 | 25.5 | 24.4 | 22.9 | 21.6 | 21.2 | 19.8 | 19.4 | 18.5 | 17.9 | 16.6 | 15.3 | 40 |
| 45 | | | | 20.8 | 22.4 | 22.3 | 22.4 | 21.3 | 20.4 | 19 | 17.9 | 17.6 | 16.3 | 16.1 | 15 | 14.7 | 13.4 | 12.4 | 45 |
| 50 | | | | | 18.4 | 18.4 | 18.9 | 18 | 17.2 | 16.1 | 15 | 14.8 | 13.6 | 13.4 | 12.3 | 12.1 | 10.9 | 10 | 50 |
| 55 | | | | | 15.3 | 15.3 | 15.9 | 15.4 | 14.6 | 13.6 | 12.6 | 12.4 | 11.3 | 11.1 | 10.1 | 9.9 | 8.7 | 8 | 55 |
| 60 | | | | | 12.9 | 12.9 | 13.5 | 13.1 | 12.4 | 11.4 | 10.5 | 10.3 | 9.2 | 9.2 | 8.3 | 8.1 | 6.8 | 6.3 | 60 |
| 65 | | | | | | 10.8 | 11.5 | 11.1 | 10.6 | 9.7 | 8.8 | 8.8 | 7.5 | 7.5 | 6.6 | 6.6 | 5.3 | 4.8 | 65 |
| 70 | | | | | | 9.1 | 9.8 | 9.5 | 9 | 8.2 | 7.4 | 7.3 | 6.1 | 6.2 | 5.4 | 5.2 | 4 | 3.6 | 70 |
| 75 | | | | | | | 8.3 | 8 | 7.7 | 6.8 | 6.2 | 6 | 4.9 | 5.1 | 4.2 | 4.1 | 2.9 | | 75 |
| 80 | | | | | | | 7 | 6.6 | 6.5 | 5.7 | 5 | 5 | 3.9 | 3.9 | 3.1 | 3.1 | | | 80 |
| 85 | | | | | | | | 5.6 | 5.4 | 4.7 | 4 | 4 | 2.9 | 2.9 | 2 | | | | 85 |
| 90 | | | | | | | | 4.7 | 4.5 | 3.8 | 3.2 | 3.2 | | 2.2 | | | | | 90 |
| 95 | | | | | | | | | 3.7 | 3.1 | 2.4 | 2.4 | | | | | | | 95 |
| 100 | | | | | | | | | | 2.9 | 2.4 | | | | | | | | 100 |
| 105 | | | | | | | | | | | 2.4 | | | | | | | | 105 |

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Lifting capacities Forces de levage

T

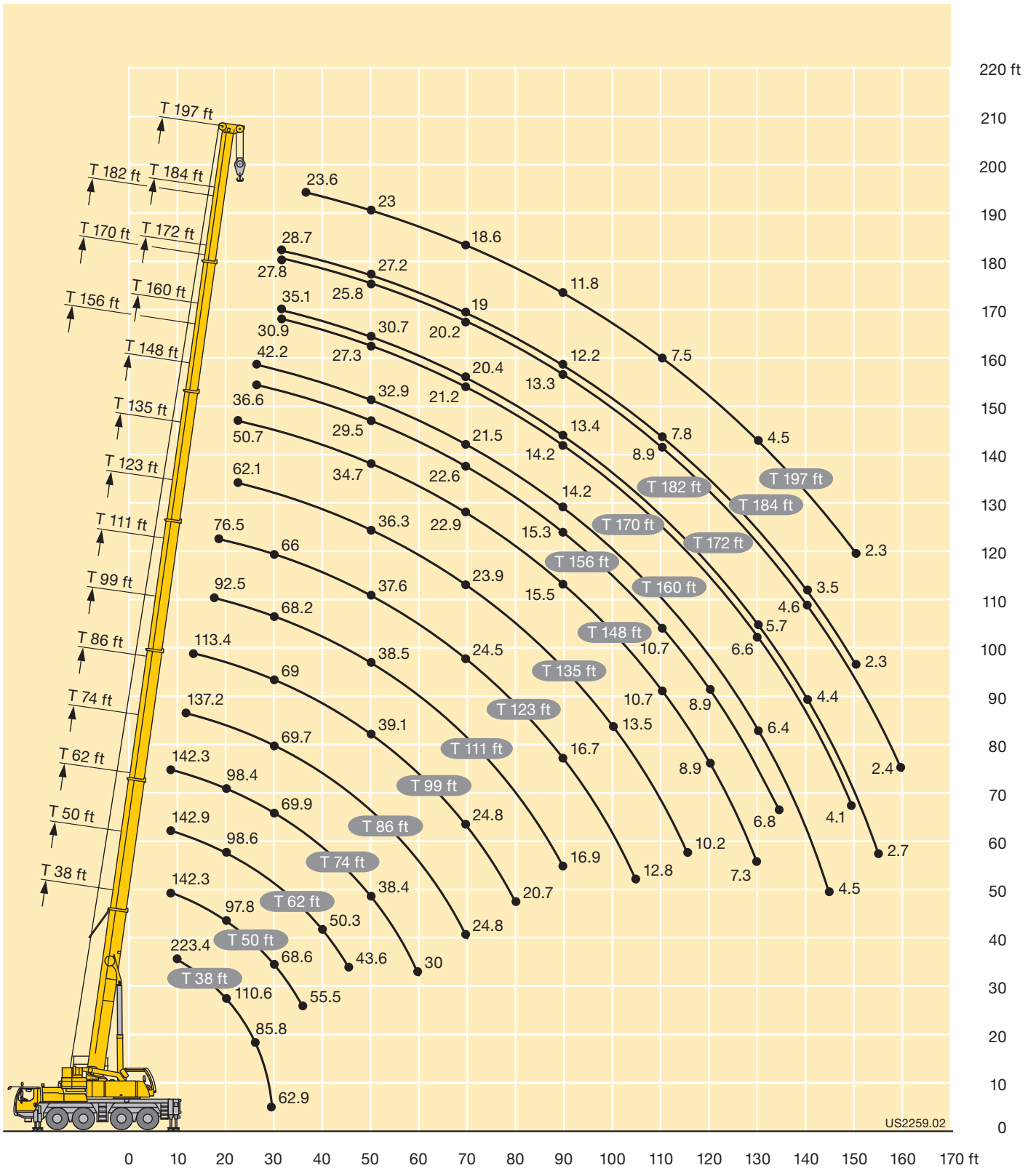


| | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 9 | 149.3 | 143.4 | 137.5 | 136.8 | | | | | | | | | | | | | | 9 |
| 10 | 143.8 | 142.2 | 137.2 | 136.6 | | | | | | | | | | | | | | 10 |
| 11 | 135.9 | 135.2 | 133.4 | 133.2 | 126.9 | | | | | | | | | | | | | 11 |
| 12 | 128.4 | 128.5 | 128.4 | 127.6 | 120.6 | | | | | | | | | | | | | 12 |
| 13 | 121.3 | 122.1 | 122.2 | 119.8 | 112.2 | 100.1 | | | | | | | | | | | | 13 |
| 14 | 114.7 | 115.6 | 116.1 | 110.7 | 102 | 93.1 | | | | | | | | | | | | 14 |
| 15 | 108.2 | 109.3 | 109.4 | 101.6 | 92.7 | 86.4 | | | | | | | | | | | | 15 |
| 16 | 101.5 | 103.4 | 101.2 | 93.2 | 86.7 | 81.7 | 75.6 | | | | | | | | | | | 16 |
| 17 | 95.4 | 97.1 | 94 | 86.5 | 81.4 | 77 | 71.3 | | | | | | | | | | | 17 |
| 18 | 89.8 | 90.7 | 87.5 | 81 | 76.7 | 72.4 | 67.4 | 60.8 | | | | | | | | | | 18 |
| 20 | 78.5 | 78.1 | 75 | 70.6 | 67.6 | 63.5 | 59.9 | 56 | | | | | | | | | | 20 |
| 22 | 67 | 67.5 | 65.3 | 62.4 | 59.9 | 56.4 | 54 | 50.5 | 47.2 | 39.2 | | | | | | | | 22 |
| 24 | 56.8 | 58.6 | 57.2 | 55.6 | 53.4 | 50.6 | 48.7 | 45.8 | 43 | 36.6 | | | | | | | | 24 |
| 26 | 47.6 | 51.4 | 50.6 | 50.1 | 47.9 | 46.2 | 44 | 41.7 | 39.1 | 36.2 | | | | | | | | 26 |
| 28 | | 45.2 | 45.5 | 45.3 | 43.3 | 42 | 39.9 | 37.8 | 35.5 | 33.3 | 32.3 | 30.8 | | | | | | 28 |
| 30 | | 39.5 | 40.7 | 40.8 | 39.1 | 38 | 36.1 | 34.2 | 32.2 | 30.3 | 29.6 | 28.1 | | | | | | 30 |
| 32 | | 34.9 | 36.5 | 36.9 | 35.4 | 34.7 | 32.8 | 31.3 | 29.4 | 27.7 | 27.1 | 25.5 | 24.4 | 23.2 | 22.8 | 21.2 | | 32 |
| 34 | | 31 | 32.8 | 33.5 | 32.2 | 31.7 | 30.1 | 28.8 | 26.9 | 25.4 | 24.8 | 23.3 | 22.9 | 21.7 | 21.2 | 19.7 | | 34 |
| 36 | | 27.5 | 29.3 | 30.6 | 29.2 | 29 | 27.7 | 26.3 | 24.8 | 23.2 | 22.8 | 21.3 | 21 | 19.7 | 19.3 | 17.9 | 16.4 | 36 |
| 38 | | | 26.5 | 28 | 26.9 | 26.8 | 25.5 | 24.3 | 22.9 | 21.4 | 21 | 19.6 | 19.3 | 18.2 | 17.6 | 16.3 | 15 | 38 |
| 40 | | | 24.1 | 25.6 | 24.8 | 24.8 | 23.5 | 22.4 | 21.1 | 19.6 | 19.4 | 18.1 | 17.7 | 16.8 | 16.2 | 14.8 | 13.8 | 40 |
| 45 | | | 19 | 20.6 | 20.6 | 20.6 | 19.5 | 18.6 | 17.4 | 16.3 | 16.1 | 14.7 | 14.5 | 13.6 | 13.1 | 11.8 | 10.9 | 45 |
| 50 | | | | 16.9 | 17 | 17.4 | 16.4 | 15.7 | 14.6 | 13.5 | 13.4 | 12.1 | 12 | 11 | 10.7 | 9.5 | 8.6 | 50 |
| 55 | | | | 14 | 14 | 14.6 | 13.9 | 13.2 | 12.1 | 11.1 | 11.1 | 9.9 | 9.9 | 8.8 | 8.6 | 7.5 | 6.7 | 55 |
| 60 | | | | 11.6 | 11.7 | 12.2 | 11.8 | 11.2 | 10.1 | 9.2 | 9.2 | 8.1 | 8.1 | 7 | 6.8 | 5.7 | 5.1 | 60 |
| 65 | | | | | 9.7 | 10.4 | 9.9 | 9.5 | 8.6 | 7.7 | 7.7 | 6.4 | 6.6 | 5.5 | 5.5 | 4.4 | 3.9 | 65 |
| 70 | | | | | 8.2 | 8.7 | 8.4 | 7.9 | 7.2 | 6.3 | 6.3 | 5.1 | 5.2 | 4.3 | 4.3 | 3 | 2.7 | 70 |
| 75 | | | | | | 7.3 | 7.1 | 6.7 | 6 | 5.1 | 5.2 | 4.1 | 4.1 | 3.2 | 3.2 | | | 75 |
| 80 | | | | | | 6.1 | 5.9 | 5.7 | 4.8 | 4 | 4.2 | 3.1 | 3.1 | | | | | 80 |
| 85 | | | | | | | 4.7 | 4.7 | 3.8 | 3.1 | 3.2 | 2 | 2.3 | | | | | 85 |
| 90 | | | | | | | 3.8 | 3.8 | 3.1 | 2.3 | 2.5 | | | | | | | 90 |
| 95 | | | | | | | | 3 | 2.4 | | | | | | | | | 95 |
| 100 | | | | | | | | 2.3 | | | | | | | | | | 100 |

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Lifting heights Hauteurs de levage

T



US2259.02

Lifting capacities Forces de levage

TK/TNZK



| ft | 38 ft | | | 111 ft | | | 123 ft | | | 135 ft | | | 148 ft | | | 160 ft | | | ft |
|-----|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 9 | 32.6 | | | | | | | | | | | | | | | | | | 9 |
| 10 | 32.6 | | | | | | | | | | | | | | | | | | 10 |
| 11 | 32.6 | | | | | | | | | | | | | | | | | | 11 |
| 12 | 32.6 | | | | | | | | | | | | | | | | | | 12 |
| 13 | 32.6 | | | | | | | | | | | | | | | | | | 13 |
| 14 | 32.6 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 32.6 | | | | | | | | | | | | | | | | | | 15 |
| 16 | 32.6 | 30.9 | | | | | | | | | | | | | | | | | 16 |
| 17 | 32.5 | 30.3 | | | | | | | | | | | | | | | | | 17 |
| 18 | 32.2 | 29.7 | | 32.6 | | | | | | | | | | | | | | | 18 |
| 20 | 31.6 | 28.5 | | 32.6 | | | | | | | | | | | | | | | 20 |
| 22 | 30.5 | 27.4 | | 32.6 | | | 32.6 | | | | | | | | | | | | 22 |
| 24 | 29.5 | 26.3 | | 32.6 | | | 32.6 | | | | | | | | | | | | 24 |
| 26 | 28.6 | 25.3 | 22.8 | 32.6 | | | 32.6 | | | 29.6 | | | 26.2 | | | | | | 26 |
| 28 | 27.5 | 24.5 | 22.1 | 32.6 | 30.5 | | 32.6 | | | 29.3 | | | 26.1 | | | 22.4 | | | 28 |
| 30 | 26.4 | 23.8 | 21.5 | 32.6 | 30.3 | | 32.6 | | | 29.1 | | | 26 | | | 22.3 | | | 30 |
| 32 | 25.4 | 23 | 20.9 | 32.6 | 29.8 | | 32.6 | 28.8 | | 28.9 | | | 26 | | | 22.3 | | | 32 |
| 34 | 24.3 | 22.3 | 20.4 | 32.6 | 29.2 | | 32.5 | 28.4 | | 28.8 | | | 25.9 | | | 22.3 | | | 34 |
| 36 | 23.2 | 21.6 | 19.9 | 32.6 | 28.7 | | 32.2 | 28 | | 28.7 | | | 25.8 | | | 22.3 | | | 36 |
| 38 | 22.3 | 21.1 | 19.5 | 32.6 | 28.2 | 22.9 | 31.8 | 27.5 | | 28.3 | 26 | | 25.7 | | | 22.1 | | | 38 |
| 40 | 21.3 | 20.6 | 19.1 | 32.5 | 27.6 | 22.6 | 31.4 | 27 | | 27.9 | 25.7 | | 25.5 | | | 22 | | | 40 |
| 45 | 19 | 19.2 | 18.4 | 31.9 | 26.3 | 22 | 30.2 | 26 | 21.7 | 27.2 | 24.7 | 21 | 25 | 23.7 | | 21.9 | 21.5 | | 45 |
| 50 | 17.2 | 18.1 | 17.8 | 30.8 | 25.2 | 21.3 | 29.2 | 25 | 21.1 | 26.6 | 23.9 | 20.5 | 24.5 | 23 | 20.1 | 21.6 | 21.1 | | 50 |
| 55 | | | | 29 | 24.2 | 20.7 | 27.3 | 24.1 | 20.5 | 25.7 | 23.2 | 20.1 | 23.7 | 22.4 | 19.7 | 21.2 | 20.7 | 18.8 | 55 |
| 60 | | | | 26.6 | 23.2 | 20.2 | 24.6 | 23.2 | 20 | 24.2 | 22.4 | 19.8 | 22.4 | 21.7 | 19.3 | 20.8 | 20.2 | 18.5 | 60 |
| 65 | | | | 23.7 | 22.4 | 19.7 | 21.7 | 22.4 | 19.7 | 21.7 | 21.7 | 19.2 | 20.9 | 21 | 19 | 19.8 | 19.9 | 18.1 | 65 |
| 70 | | | | 21.2 | 21.5 | 19.2 | 19.2 | 20.5 | 19.2 | 20.5 | 20.3 | 18.9 | 19.4 | 19.9 | 18.7 | 18.3 | 18.8 | 17.9 | 70 |
| 75 | | | | 18.9 | 20 | 18.8 | 17 | 18.5 | 18.6 | 19 | 19 | 18.5 | 17.7 | 18.6 | 18.1 | 16.9 | 17.5 | 17.5 | 75 |
| 80 | | | | 17 | 18.1 | 18.3 | 15.4 | 16.5 | 17.6 | 17.2 | 17.8 | 17.8 | 16.1 | 17.2 | 17.4 | 15.6 | 16.1 | 16.7 | 80 |
| 85 | | | | 15.3 | 16.4 | 17.3 | 14.6 | 14.7 | 15.8 | 15.5 | 16.6 | 16.8 | 15.1 | 15.5 | 16.4 | 14.4 | 14.4 | 15.5 | 85 |
| 90 | | | | 13.8 | 14.7 | 15.5 | 13.9 | 13.5 | 14.1 | 14.5 | 15.1 | 15.7 | 14 | 14 | 14.9 | 13.1 | 13.5 | 14 | 90 |
| 95 | | | | 12.4 | 13.3 | 13.9 | 13.3 | 12.7 | 12.8 | 13.6 | 13.7 | 14.4 | 12.9 | 13.1 | 13.5 | 11.8 | 12.6 | 12.8 | 95 |
| 100 | | | | 11.2 | 12 | 12.6 | 12.6 | 12.2 | 12 | 12.7 | 12.6 | 13.1 | 11.8 | 12.5 | 12.4 | 10.7 | 11.5 | 11.9 | 100 |
| 105 | | | | 10.1 | 10.8 | 11.2 | 12.1 | 11.7 | 11.5 | 11.7 | 11.9 | 11.9 | 10.8 | 11.5 | 11.9 | 9.7 | 10.4 | 11.2 | 105 |
| 110 | | | | 9.1 | 9.8 | 10.1 | 11.3 | 11.2 | 11.1 | 10.7 | 11.2 | 11.4 | 9.8 | 10.5 | 10.9 | 8.7 | 9.4 | 10.2 | 110 |
| 115 | | | | 8.1 | 8.8 | 8.9 | 10.4 | 10.6 | 10.7 | 9.8 | 10.3 | 10.7 | 8.9 | 9.6 | 10 | 7.8 | 8.5 | 9.2 | 115 |
| 120 | | | | 7.2 | 7.8 | 7.8 | 9.6 | 9.9 | 10 | 8.9 | 9.4 | 9.8 | 8.1 | 8.7 | 9.2 | 7 | 7.7 | 8.3 | 120 |
| 125 | | | | 6.3 | 6.8 | 6.7 | 8.8 | 9.2 | 9.2 | 8.1 | 8.5 | 8.8 | 7.2 | 7.9 | 8.3 | 6.4 | 7 | 7.5 | 125 |
| 130 | | | | 5.5 | 5.9 | | 7.9 | 8.4 | 8.4 | 7.4 | 7.7 | 7.9 | 6.7 | 7.2 | 7.5 | 5.7 | 6.2 | 6.8 | 130 |
| 135 | | | | | | | 7.2 | 7.7 | 6.9 | 6.8 | 7 | 7.2 | 6.1 | 6.6 | 6.8 | 5 | 5.5 | 6.1 | 135 |
| 140 | | | | | | | | | | 6.1 | 6.3 | 6.5 | 5.4 | 5.9 | 6.1 | 4.4 | 4.9 | 5.4 | 140 |
| 145 | | | | | | | | | | 5.5 | 5.7 | 5.8 | 4.8 | 5.2 | 5.4 | 3.9 | 4.3 | 4.8 | 145 |
| 150 | | | | | | | | | | 4.9 | 5.2 | 4.8 | 4.3 | 4.5 | 4.8 | 3.4 | 3.8 | 4.1 | 150 |
| 155 | | | | | | | | | | | | | 3.8 | 4 | 4.1 | 2.9 | 3.3 | 3.6 | 155 |
| 160 | | | | | | | | | | | | | 3.3 | 3.5 | | 2.4 | 2.8 | 3 | 160 |
| 165 | | | | | | | | | | | | | 2.8 | 3 | | 1.9 | 2.1 | 2.3 | 165 |
| 170 | | | | | | | | | | | | | | | | 1.4 | 1.8 | 1.8 | 170 |

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Lifting capacities Forces de levage

TK/TNZK



| ft | 170 ft | | | 172 ft | | | 182 ft | | | 184 ft | | | 197 ft | | | ft |
|-----|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 32 | 15.7 | | | 18.8 | | | | | | | | | | | | 32 |
| 34 | 15.7 | | | 18.7 | | | | | | | | | | | | 34 |
| 36 | 15.7 | | | 18.7 | | | 14.1 | | | 14.8 | | | | | | 36 |
| 38 | 15.7 | | | 18.7 | | | 14.1 | | | 14.8 | | | 12.4 | | | 38 |
| 40 | 15.7 | | | 18.7 | | | 14.1 | | | 14.8 | | | 12.4 | | | 40 |
| 45 | 15.7 | | | 18.7 | | | 14.1 | | | 14.8 | | | 12.4 | | | 45 |
| 50 | 15.5 | 15.6 | | 18.6 | 18.6 | | 14.1 | 14.1 | | 14.6 | 15 | | 12.4 | | | 50 |
| 55 | 15.3 | 15.3 | | 18.4 | 18.4 | 17.6 | 14 | 14 | | 14.6 | 14.9 | | 12.4 | 12.4 | | 55 |
| 60 | 15 | 14.9 | 14.7 | 18.2 | 18.3 | 17.4 | 13.9 | 13.9 | | 14.5 | 14.7 | | 12.3 | 12.4 | | 60 |
| 65 | 14.8 | 14.4 | 14.2 | 17.9 | 18.1 | 17.2 | 13.7 | 13.7 | 13.7 | 14.4 | 14.6 | 14.4 | 12.2 | 12.4 | 12.1 | 65 |
| 70 | 14.5 | 13.9 | 13.8 | 16.8 | 17.6 | 16.9 | 13.5 | 13.4 | 13.4 | 14.3 | 14.3 | 13.9 | 12 | 12.4 | 12 | 70 |
| 75 | 14.1 | 13.5 | 13.4 | 15.8 | 16.5 | 16.6 | 13.4 | 13 | 12.9 | 14.1 | 13.9 | 13.5 | 11.9 | 12.2 | 11.9 | 75 |
| 80 | 13.5 | 13.1 | 12.9 | 14.8 | 14.9 | 15.9 | 13.1 | 12.7 | 12.5 | 13.4 | 13.5 | 13.1 | 11.8 | 11.9 | 11.9 | 80 |
| 85 | 13 | 12.6 | 12.6 | 13.3 | 13.5 | 14.4 | 12.6 | 12.4 | 12.2 | 12.4 | 13 | 12.8 | 11.3 | 11.7 | 11.7 | 85 |
| 90 | 12.5 | 12.3 | 12.1 | 12 | 12.8 | 13.1 | 11.8 | 12 | 11.8 | 11.1 | 12.1 | 12.5 | 10.5 | 11.2 | 11.4 | 90 |
| 95 | 11.7 | 11.9 | 11.7 | 10.7 | 11.9 | 12.3 | 10.7 | 11.5 | 11.5 | 9.8 | 11 | 11.7 | 9.4 | 10.4 | 10.9 | 95 |
| 100 | 10.7 | 11.4 | 11.4 | 9.6 | 10.9 | 11.5 | 9.6 | 10.7 | 11 | 8.7 | 9.8 | 10.7 | 8.3 | 9.4 | 10.2 | 100 |
| 105 | 9.5 | 10.4 | 11 | 8.6 | 9.7 | 10.4 | 8.6 | 9.5 | 10.4 | 7.7 | 8.6 | 9.5 | 7.3 | 8.4 | 9 | 105 |
| 110 | 8.6 | 9.4 | 10 | 7.8 | 8.7 | 9.4 | 7.8 | 8.6 | 9.4 | 6.7 | 7.6 | 8.5 | 6.4 | 7.4 | 8 | 110 |
| 115 | 7.8 | 8.5 | 9.1 | 6.9 | 7.8 | 8.5 | 6.9 | 7.7 | 8.3 | 5.8 | 6.7 | 7.5 | 5.6 | 6.5 | 7.1 | 115 |
| 120 | 7 | 7.6 | 8.3 | 6.1 | 7 | 7.6 | 6.1 | 6.8 | 7.4 | 5 | 5.9 | 6.5 | 4.8 | 5.6 | 6.3 | 120 |
| 125 | 6.1 | 6.8 | 7.4 | 5.3 | 6.1 | 6.8 | 5.3 | 6.1 | 6.6 | 4.4 | 5.2 | 5.7 | 4.1 | 4.8 | 5.5 | 125 |
| 130 | 5.5 | 6.1 | 6.6 | 4.6 | 5.5 | 5.9 | 4.8 | 5.5 | 5.9 | 3.7 | 4.4 | 5 | 3.5 | 4.1 | 4.8 | 130 |
| 135 | 4.9 | 5.5 | 5.9 | 4 | 4.8 | 5.2 | 4.1 | 4.8 | 5.2 | 3.2 | 3.8 | 4.3 | 2.8 | 3.5 | 4.1 | 135 |
| 140 | 4.4 | 4.9 | 5.2 | 3.5 | 4.2 | 4.6 | 3.5 | 4.1 | 4.6 | 2.6 | 3.2 | 3.7 | 2.2 | 2.9 | 3.5 | 140 |
| 145 | 3.9 | 4.3 | 4.6 | 3 | 3.7 | 3.9 | 3 | 3.5 | 3.9 | 2.1 | 2.6 | 3 | | 2.4 | 2.8 | 145 |
| 150 | 3.4 | 3.8 | 4.1 | 2.5 | 3.2 | 3.4 | 2.5 | 3 | 3.4 | 1.6 | 2.1 | 2.3 | | 1.9 | 2.3 | 150 |
| 155 | 2.9 | 3.3 | 3.6 | 2 | 2.7 | 2.9 | 2 | 2.5 | 2.8 | | 1.6 | 1.8 | | | 1.8 | 155 |
| 160 | 2.4 | 2.8 | 3 | | 2.2 | 2.4 | | 2 | 2.3 | | | | | | | 160 |
| 165 | 1.9 | 2.3 | 2.3 | | | | | | | | | | | | | 165 |
| 170 | 1.6 | 1.8 | 1.8 | | | | | | | | | | | | | 170 |

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Lifting capacities Forces de levage

TK/TNZK



| ft | 38 ft | | | 111 ft | | | 123 ft | | | 135 ft | | | 148 ft | | | 160 ft | | | ft |
|-----|-------|------|-----|--------|------|-----|--------|------|-----|--------|------|-----|--------|-----|-----|--------|-----|-----|-----|
| | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 9 | 14.7 | | | | | | | | | | | | | | | | | | 9 |
| 10 | 14.5 | | | | | | | | | | | | | | | | | | 10 |
| 11 | 14.4 | | | | | | | | | | | | | | | | | | 11 |
| 12 | 14.3 | | | | | | | | | | | | | | | | | | 12 |
| 13 | 14.1 | | | | | | | | | | | | | | | | | | 13 |
| 14 | 14.1 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 14.1 | | | | | | | | | | | | | | | | | | 15 |
| 16 | 13.9 | | | | | | | | | | | | | | | | | | 16 |
| 17 | 13.8 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 13.6 | | | | | | | | | | | | | | | | | | 18 |
| 20 | 13.2 | | | | | | | | | | | | | | | | | | 20 |
| 22 | 12.9 | | | 14.6 | | | | | | | | | | | | | | | 22 |
| 24 | 12.7 | | | 14.5 | | | | | | | | | | | | | | | 24 |
| 26 | 12.4 | | | 14.4 | | | 13.9 | | | 13 | | | | | | | | | 26 |
| 28 | 12.1 | | | 14.2 | | | 13.8 | | | 13 | | | 12.4 | | | | | | 28 |
| 30 | 11.8 | 11 | | 14.1 | | | 13.6 | | | 13 | | | 12.3 | | | | | | 30 |
| 32 | 11.6 | 10.7 | | 13.9 | | | 13.5 | | | 12.8 | | | 12.2 | | | 11.2 | | | 32 |
| 34 | 11.3 | 10.4 | | 13.7 | | | 13.4 | | | 12.7 | | | 12.1 | | | 11.2 | | | 34 |
| 36 | 11 | 10.2 | | 13.5 | | | 13.2 | | | 12.6 | | | 12.1 | | | 11.2 | | | 36 |
| 38 | 10.9 | 10 | | 13.3 | | | 13.1 | | | 12.4 | | | 12 | | | 11.1 | | | 38 |
| 40 | 10.7 | 9.9 | | 13.2 | | | 13 | | | 12.3 | | | 11.9 | | | 11 | | | 40 |
| 45 | 10.2 | 9.4 | | 12.9 | 10.6 | | 12.6 | 10.6 | | 12 | | | 11.7 | | | 10.8 | | | 45 |
| 50 | 9.7 | 9 | | 12.4 | 10.3 | | 12.2 | 10.3 | | 11.8 | 10.2 | | 11.4 | | | 10.7 | | | 50 |
| 55 | 9.2 | 8.7 | 8 | 12 | 10.1 | | 11.8 | 10.1 | | 11.5 | 10 | | 11.2 | 9.8 | | 10.5 | 9.4 | | 55 |
| 60 | 8.7 | 8.3 | 7.7 | 11.6 | 9.9 | 8.4 | 11.6 | 9.9 | | 11.2 | 9.7 | | 11 | 9.6 | | 10.3 | 9.2 | | 60 |
| 65 | 8.2 | 8 | 7.7 | 11.3 | 9.5 | 8.2 | 11.3 | 9.5 | 8.2 | 10.8 | 9.5 | 8.2 | 10.6 | 9.3 | | 10.2 | 9.1 | | 65 |
| 70 | 7.7 | 7.8 | 7.6 | 11 | 9.3 | 8.2 | 11 | 9.3 | 8.2 | 10.7 | 9.2 | 8 | 10.4 | 9.1 | 8 | 10 | 8.9 | | 70 |
| 75 | 7.2 | 7.7 | 7.5 | 10.6 | 9.2 | 8.1 | 10.6 | 9.2 | 8.1 | 10.4 | 8.9 | 7.9 | 10.2 | 8.9 | 7.9 | 9.7 | 8.7 | 7.8 | 75 |
| 80 | 6.8 | 7.7 | 7.5 | 10.3 | 9 | 7.9 | 10.3 | 9 | 7.9 | 10.1 | 8.8 | 7.9 | 9.9 | 8.8 | 7.9 | 9.4 | 8.6 | 7.7 | 80 |
| 85 | 6.4 | | | 10.2 | 8.6 | 7.7 | 10.2 | 8.8 | 7.7 | 9.9 | 8.6 | 7.7 | 9.7 | 8.6 | 7.7 | 9.3 | 8.4 | 7.7 | 85 |
| 90 | | | | 9.8 | 8.4 | 7.7 | 9.8 | 8.7 | 7.7 | 9.8 | 8.4 | 7.7 | 9.5 | 8.4 | 7.7 | 9.3 | 8.4 | 7.6 | 90 |
| 95 | | | | 9.5 | 8.4 | 7.7 | 9.6 | 8.5 | 7.7 | 9.6 | 8.4 | 7.7 | 9.4 | 8.4 | 7.6 | 9.1 | 8.3 | 7.5 | 95 |
| 100 | | | | 9.2 | 8.3 | 7.7 | 9.4 | 8.3 | 7.7 | 9.4 | 8.3 | 7.7 | 9.2 | 8.3 | 7.5 | 8.8 | 8.1 | 7.5 | 100 |
| 105 | | | | 9 | 8.2 | 7.5 | 9 | 8.2 | 7.5 | 9 | 8.2 | 7.5 | 8.8 | 8.2 | 7.5 | 8.6 | 7.9 | 7.5 | 105 |
| 110 | | | | 8.7 | 8 | 7.5 | 8.5 | 8 | 7.5 | 8.7 | 8 | 7.5 | 8.7 | 8 | 7.5 | 8.3 | 7.9 | 7.5 | 110 |
| 115 | | | | 8.4 | 7.9 | 7.5 | 8.2 | 7.9 | 7.5 | 8.5 | 7.9 | 7.5 | 8.4 | 7.9 | 7.5 | 8 | 7.8 | 7.5 | 115 |
| 120 | | | | 8 | 7.9 | 7.5 | 7.9 | 7.8 | 7.5 | 8.3 | 7.9 | 7.5 | 8 | 7.9 | 7.5 | 7.6 | 7.7 | 7.5 | 120 |
| 125 | | | | 7.7 | 7.7 | 7.5 | 7.7 | 7.5 | 7.5 | 7.9 | 7.7 | 7.5 | 7.7 | 7.7 | 7.5 | 6.8 | 7.5 | 7.5 | 125 |
| 130 | | | | 7 | 7.5 | 7.5 | 7.4 | 7.1 | 7.3 | 7.6 | 7.5 | 7.5 | 7.2 | 7.4 | 7.5 | 6.1 | 7.1 | 7.3 | 130 |
| 135 | | | | 6.3 | 7 | 7.2 | 7.2 | 6.9 | 7.2 | 7.2 | 7.2 | 7.5 | 6.6 | 7.2 | 7.2 | 5.6 | 6.6 | 7 | 135 |
| 140 | | | | 5.7 | 6.3 | 6.7 | 6.9 | 6.8 | 7 | 6.8 | 6.9 | 7.3 | 6 | 6.8 | 7 | 5.1 | 6 | 6.6 | 140 |
| 145 | | | | 5 | 5.7 | 5.8 | 6.6 | 6.6 | 6.8 | 6.1 | 6.6 | 6.8 | 5.5 | 6.3 | 6.8 | 4.6 | 5.4 | 6.1 | 145 |
| 150 | | | | 4.3 | 5 | 5 | 6.2 | 6.4 | 6.6 | 5.6 | 6.2 | 6.5 | 4.9 | 5.6 | 6.3 | 4.1 | 4.8 | 5.4 | 150 |
| 155 | | | | 3.8 | 4.3 | | 5.8 | 6.1 | 6.2 | 5.1 | 5.8 | 6 | 4.4 | 5.1 | 5.6 | 3.6 | 4.2 | 4.9 | 155 |
| 160 | | | | | | | 5.3 | 5.7 | | 4.6 | 5.3 | 5.4 | 3.9 | 4.6 | 5 | 3.1 | 3.8 | 4.4 | 160 |
| 165 | | | | | | | 4.8 | 5.2 | | 4.1 | 4.7 | 4.8 | 3.5 | 4.1 | 4.5 | 2.6 | 3.4 | 3.9 | 165 |
| 170 | | | | | | | 4.5 | | | 3.8 | 4.1 | 4.3 | 3.1 | 3.6 | 4 | 2.3 | 2.9 | 3.4 | 170 |
| 175 | | | | | | | | | | 3.3 | 3.7 | | 2.6 | 3.2 | 3.4 | 1.9 | 2.4 | 2.9 | 175 |
| 180 | | | | | | | | | | | | | 2.2 | 2.8 | 2.8 | | 2 | 2.4 | 180 |
| 185 | | | | | | | | | | | | | 1.9 | 2.3 | 2.3 | | | | 185 |
| 190 | | | | | | | | | | | | | 1.6 | 1.8 | | | | | 190 |

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Lifting capacities Forces de levage

TK/TNZK

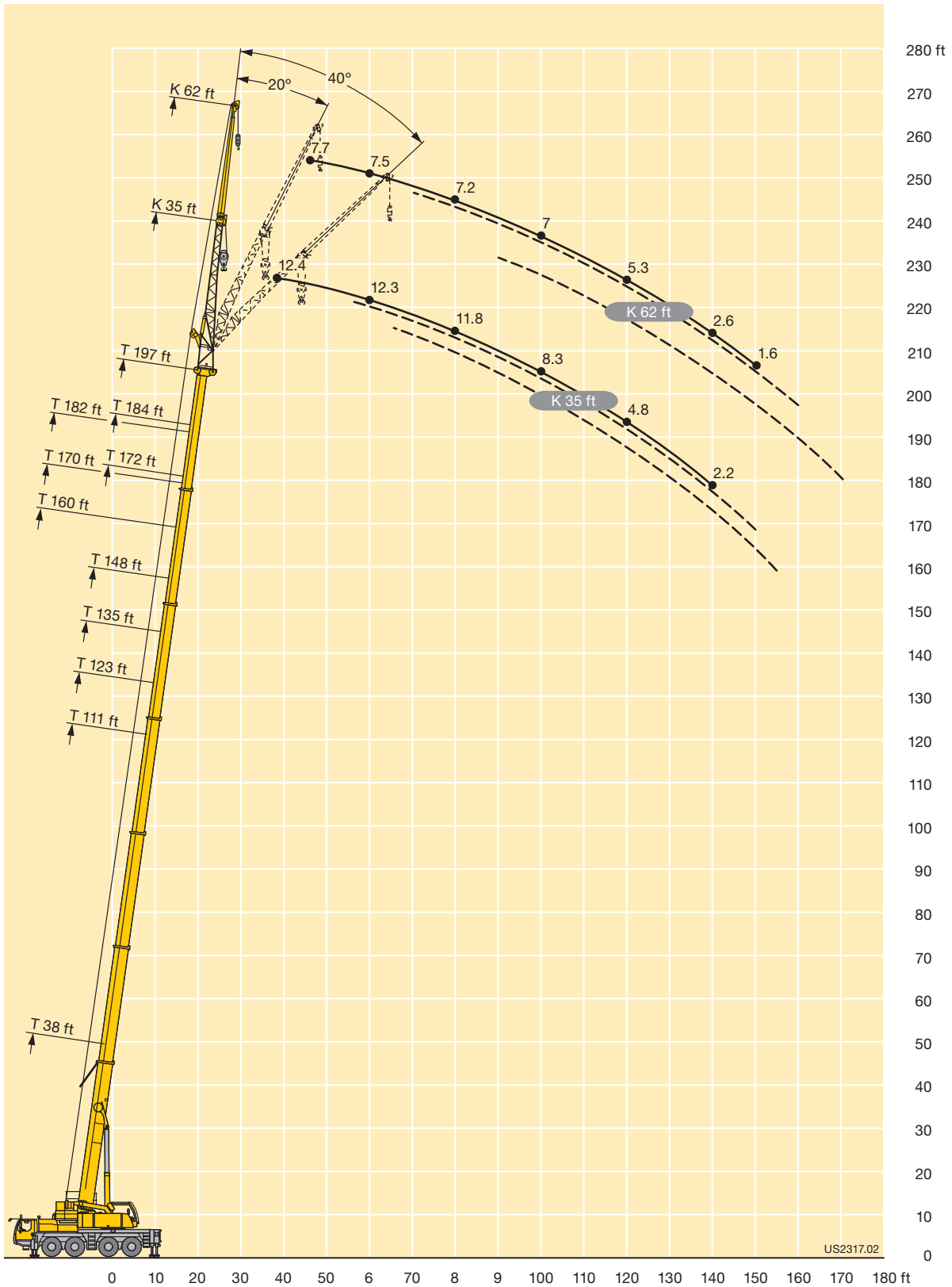


| ft | 170 ft | | | 172 ft | | | 182 ft | | | 184 ft | | | 197 ft | | | ft |
|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-----|
| | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 36 | | | | 10.1 | | | | | | | | | | | | 36 |
| 38 | 9.3 | | | 10 | | | | | | | | | | | | 38 |
| 40 | 9.2 | | | 9.9 | | | | | | | | | | | | 40 |
| 45 | 9.1 | | | 9.9 | | | 8.4 | | | 8.8 | | | 7.7 | | | 45 |
| 50 | 8.9 | | | 9.8 | | | 8.4 | | | 8.7 | | | 7.6 | | | 50 |
| 55 | 8.8 | | | 9.6 | | | 8.3 | | | 8.6 | | | 7.5 | | | 55 |
| 60 | 8.8 | | | 9.5 | | | 8.2 | | | 8.6 | | | 7.5 | | | 60 |
| 65 | 8.6 | 8.2 | | 9.3 | 8.6 | | 8.2 | 7.9 | | 8.4 | 8 | | 7.5 | | | 65 |
| 70 | 8.6 | 8.2 | | 9.3 | 8.5 | | 8 | 7.8 | | 8.4 | 7.9 | | 7.4 | 7.3 | | 70 |
| 75 | 8.5 | 8.1 | | 9.2 | 8.4 | 7.7 | 7.9 | 7.7 | | 8.3 | 7.8 | | 7.3 | 7.3 | | 75 |
| 80 | 8.3 | 7.9 | | 9 | 8.3 | 7.7 | 7.9 | 7.7 | | 8.2 | 7.7 | | 7.2 | 7.2 | | 80 |
| 85 | 8.2 | 7.9 | 7.5 | 8.8 | 8.2 | 7.5 | 7.9 | 7.5 | 7.3 | 8.2 | 7.7 | 7.3 | 7.1 | 7.1 | | 85 |
| 90 | 8.2 | 7.8 | 7.5 | 8.7 | 8 | 7.5 | 7.8 | 7.5 | 7.3 | 8 | 7.7 | 7.3 | 7.1 | 7.1 | 7.1 | 90 |
| 95 | 8.1 | 7.7 | 7.4 | 8.5 | 7.9 | 7.5 | 7.7 | 7.5 | 7.3 | 7.9 | 7.6 | 7.3 | 7.1 | 7.1 | 7.1 | 95 |
| 100 | 7.9 | 7.7 | 7.3 | 8.3 | 7.9 | 7.4 | 7.7 | 7.4 | 7.3 | 7.8 | 7.5 | 7.3 | 7 | 7.1 | 7.1 | 100 |
| 105 | 7.9 | 7.5 | 7.3 | 8.2 | 7.7 | 7.3 | 7.5 | 7.3 | 7.3 | 7.5 | 7.5 | 7.3 | 6.8 | 7.1 | 7.1 | 105 |
| 110 | 7.8 | 7.5 | 7.3 | 7.8 | 7.7 | 7.3 | 7.3 | 7.3 | 7.3 | 7 | 7.3 | 7.3 | 6.5 | 6.9 | 7.1 | 110 |
| 115 | 7.6 | 7.5 | 7.3 | 7.3 | 7.6 | 7.3 | 6.9 | 7.3 | 7.3 | 6.3 | 7.3 | 7.3 | 5.9 | 6.7 | 7.1 | 115 |
| 120 | 7.2 | 7.4 | 7.3 | 6.6 | 7.4 | 7.3 | 6.4 | 7.2 | 7.2 | 5.5 | 7 | 7.2 | 5.3 | 6.4 | 7 | 120 |
| 125 | 6.6 | 7.3 | 7.3 | 5.9 | 7.2 | 7.3 | 5.7 | 7 | 7 | 4.8 | 6.4 | 7 | 4.6 | 5.9 | 6.8 | 125 |
| 130 | 5.9 | 6.9 | 7.1 | 5.2 | 6.6 | 7.3 | 5 | 6.3 | 6.9 | 4.1 | 5.7 | 6.5 | 3.9 | 5.2 | 6.3 | 130 |
| 135 | 5.4 | 6.3 | 6.9 | 4.7 | 5.9 | 6.8 | 4.5 | 5.7 | 6.5 | 3.6 | 5 | 5.9 | 3.2 | 4.6 | 5.7 | 135 |
| 140 | 4.8 | 5.7 | 6.5 | 4.2 | 5.2 | 6.1 | 4 | 5 | 5.9 | 3.1 | 4.3 | 5.2 | 2.6 | 4 | 5 | 140 |
| 145 | 4.1 | 5.2 | 5.9 | 3.7 | 4.6 | 5.4 | 3.5 | 4.3 | 5.2 | 2.6 | 3.7 | 4.5 | 2.1 | 3.4 | 4.3 | 145 |
| 150 | 3.6 | 4.5 | 5.4 | 3.2 | 4.1 | 4.8 | 3 | 3.8 | 4.7 | 2.1 | 3.2 | 3.9 | 1.6 | 2.8 | 3.7 | 150 |
| 155 | 3.3 | 4 | 4.7 | 2.7 | 3.6 | 4.2 | 2.5 | 3.3 | 4.1 | 1.6 | 2.7 | 3.3 | | 2.2 | 3.1 | 155 |
| 160 | 2.8 | 3.6 | 4.2 | 2.2 | 3.1 | 3.6 | 2 | 2.8 | 3.5 | | 2.2 | 2.8 | | 1.8 | 2.6 | 160 |
| 165 | 2.4 | 3.2 | 3.7 | 1.7 | 2.6 | 3 | | 2.4 | 3 | | | 2.3 | | | 2.1 | 165 |
| 170 | 2 | 2.7 | 3.2 | 1.4 | 2 | 2.7 | | 2 | 2.5 | | | 1.8 | | | 1.6 | 170 |
| 175 | 1.7 | 2.4 | 2.6 | | 1.7 | 2.2 | | 1.5 | 2 | | | | | | | 175 |
| 180 | | 1.9 | 2.2 | | | 1.7 | | | | | | | | | | 180 |
| 185 | | | 1.9 | | | | | | | | | | | | | 185 |
| 190 | | | 1.4 | | | | | | | | | | | | | 190 |

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Lifting heights Hauteurs de levage

TK/TNZK



Lifting capacities Forces de levage

TVK/TVNZK



| ft | 38 ft + 23 ft | | | 160 ft + 23 ft | | | 170 ft + 23 ft | | | 172 ft + 23 ft | | | 182 ft + 23 ft | | | 184 ft + 23 ft | | | 195 ft + 23 ft | | | 197 ft + 23 ft | | | ft | | |
|-----|---------------|------|------|----------------|------|------|----------------|------|------|----------------|-----|------|----------------|------|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|-----|
| | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | |
| 9 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 10 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | 10 | | |
| 11 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | 11 | | |
| 12 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | 12 | | |
| 13 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | 13 | | |
| 14 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 15 | 12.3 | | | | | | | | | | | | | | | | | | | | | | | | 15 | | |
| 16 | 12.2 | | | | | | | | | | | | | | | | | | | | | | | | 16 | | |
| 17 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | 17 | | |
| 18 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | 18 | | |
| 20 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | 20 | | |
| 22 | 11.8 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 24 | 11.6 | 12.3 | | | | | | | | | | | | | | | | | | | | | | | 24 | | |
| 26 | 11.5 | 12.1 | | | | | | | | | | | | | | | | | | | | | | | 26 | | |
| 28 | 11.4 | 11.9 | | | | | | | | | | | | | | | | | | | | | | | 28 | | |
| 30 | 11.2 | 11.6 | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| 32 | 10.7 | 11.2 | 11.7 | | | | | | | | | | | | | | | | | | | | | | 32 | | |
| 34 | 10.4 | 10.9 | 11.4 | | | | | | | | | | | | | | | | | | | | | | 34 | | |
| 36 | 10.2 | 10.6 | 11 | 12.4 | | | | | | | | | | | | | | | | | | | | | 36 | | |
| 38 | 9.8 | 10.2 | 10.6 | 12.4 | | | | 10.6 | | | | 11.2 | | | | | | | | | | | | | 38 | | |
| 40 | 9.4 | 9.8 | 10.3 | 12.3 | | | | 10.6 | | | | 11.2 | | | | | | | | | | | | | 40 | | |
| 45 | 8.7 | 9 | 9.4 | 12.2 | | | | 10.6 | | | | 11.1 | | 9.5 | | 9.9 | | 8.6 | | | 8.4 | | | | 45 | | |
| 50 | 8.1 | 8.3 | 8.7 | 12.1 | 12.4 | | | 10.6 | | | | 11 | 11.2 | | 9.5 | | 9.9 | | 8.5 | | | 8.2 | | | 50 | | |
| 55 | 7.4 | 7.6 | 8 | 12 | 12.2 | | | 10.5 | 10.7 | | | 10.9 | 11.2 | | 9.5 | 9.7 | | 9.8 | 10.1 | | 8.4 | 8.6 | 8.2 | 8.4 | 55 | | |
| 60 | 6.7 | 7 | 7.4 | 11.9 | 11.8 | | | 10.3 | 10.6 | | | 10.8 | 11 | | 9.5 | 9.7 | | 9.7 | 10.1 | | 8.4 | 8.6 | 8.2 | 8.4 | 60 | | |
| 65 | 6.2 | 6.5 | 6.7 | 11.7 | 11.5 | 11.3 | | 10.2 | 10.4 | 10.2 | | 10.8 | 11 | 10.8 | 9.3 | 9.5 | | 9.7 | 9.9 | 10 | 8.4 | 8.6 | 8.4 | 8.2 | 65 | | |
| 70 | 5.7 | 6.1 | 6.3 | 11.4 | 11.2 | 11 | | 10 | 10.1 | 9.9 | | 10.7 | 10.7 | 10.5 | 9.3 | 9.5 | 9.4 | 9.7 | 9.9 | 10 | 8.4 | 8.6 | 8.4 | 8.2 | 70 | | |
| 75 | 5.2 | 5.6 | | 11.2 | 10.8 | 10.5 | | 9.8 | 9.7 | 9.6 | | 10.5 | 10.4 | 10.2 | 9.2 | 9.4 | 9.2 | 9.6 | 9.8 | 9.7 | 8.3 | 8.6 | 8.4 | 8.2 | 75 | | |
| 80 | 4.7 | 4.9 | | 10.9 | 10.5 | 10.1 | | 9.7 | 9.4 | 9.4 | | 10.3 | 10.1 | 9.8 | 9 | 9.2 | 9 | 9.5 | 9.6 | 9.4 | 8.2 | 8.6 | 8.4 | 8.1 | 80 | | |
| 85 | | | | 10.4 | 10 | 9.7 | | 9.5 | 9.3 | 9.1 | | 10.2 | 9.7 | 9.5 | 8.8 | 8.8 | 8.8 | 9.5 | 9.3 | 9.3 | 8.2 | 8.4 | 8.4 | 8 | 85 | | |
| 90 | | | | 10.1 | 9.6 | 9.4 | | 9.2 | 8.9 | 8.7 | | 9.8 | 9.4 | 9.3 | 8.7 | 8.7 | 8.5 | 9.3 | 9.1 | 8.9 | 8.2 | 8.2 | 8.2 | 7.9 | 8 | 90 | |
| 95 | | | | 9.7 | 9.3 | 9.2 | | 8.8 | 8.6 | 8.5 | | 9.5 | 9.2 | 9.1 | 8.5 | 8.4 | 8.3 | 8.8 | 8.9 | 8.7 | 8 | 8 | 8.1 | 7.8 | 7.8 | 95 | |
| 100 | | | | 9.3 | 8.9 | 8.9 | | 8.5 | 8.3 | 8.3 | | 9.1 | 8.9 | 8.7 | 8.3 | 8.1 | 8.1 | 8.1 | 8.7 | 8.5 | 7.6 | 7.7 | 7.9 | 7.5 | 7.7 | 100 | |
| 105 | | | | 8.8 | 8.6 | 8.6 | | 8.2 | 8.2 | 7.9 | | 8.4 | 8.6 | 8.4 | 7.9 | 7.9 | 7.9 | 7.3 | 8.2 | 8.4 | 7.1 | 7.5 | 7.7 | 6.8 | 7.5 | 105 | |
| 110 | | | | 8.3 | 8.3 | 8.3 | | 7.8 | 7.8 | 7.8 | | 7.5 | 8.3 | 8.2 | 7.3 | 7.6 | 7.6 | 6.4 | 7.3 | 7.9 | 6.2 | 7 | 7.4 | 6 | 6.8 | 110 | |
| 115 | | | | 7.6 | 7.9 | 7.9 | | 7.3 | 7.5 | 7.5 | | 6.7 | 7.6 | 7.8 | 6.5 | 7.2 | 7.3 | 5.6 | 6.5 | 7.1 | 5.4 | 6.3 | 6.8 | 5.2 | 6 | 115 | |
| 120 | | | | 6.8 | 7.5 | 7.6 | | 6.5 | 7.1 | 7.2 | | 5.9 | 6.7 | 7.2 | 5.7 | 6.5 | 6.9 | 4.8 | 5.6 | 6.3 | 4.6 | 5.5 | 6.1 | 4.4 | 5.3 | 120 | |
| 125 | | | | 6.1 | 6.8 | 7.2 | | 5.7 | 6.6 | 6.8 | | 5.3 | 5.9 | 6.4 | 5 | 5.7 | 6.3 | 4.1 | 4.8 | 5.5 | 3.9 | 4.8 | 5.3 | 3.7 | 4.6 | 125 | |
| 130 | | | | 5.5 | 6.1 | 6.6 | | 5.2 | 5.7 | 6.3 | | 4.6 | 5.2 | 5.7 | 4.4 | 5 | 5.5 | 3.5 | 4.1 | 4.8 | 3.3 | 4.1 | 4.6 | 3 | 3.9 | 130 | |
| 135 | | | | 4.8 | 5.5 | 5.9 | | 4.6 | 5.1 | 5.7 | | 3.9 | 4.6 | 5 | 3.7 | 4.3 | 4.8 | 2.8 | 3.5 | 4.1 | 2.7 | 3.5 | 3.9 | 2.5 | 3.2 | 135 | |
| 140 | | | | 4.2 | 4.8 | 5.2 | | 4 | 4.6 | 5 | | 3.3 | 3.9 | 4.3 | 3.1 | 3.8 | 4.2 | 2.2 | 2.9 | 3.5 | 2.1 | 2.8 | 3.3 | 1.9 | 2.6 | 140 | |
| 145 | | | | 3.7 | 4.1 | 4.5 | | 3.5 | 3.9 | 4.3 | | 2.8 | 3.2 | 3.7 | 2.6 | 3.2 | 3.7 | | 2.4 | 2.8 | | 2.1 | 2.8 | | 2.1 | 145 | |
| 150 | | | | 3.2 | 3.6 | 3.9 | | 3 | 3.4 | 3.8 | | 2.3 | 2.7 | 3.2 | 2.1 | 2.7 | 3 | | 1.9 | 2.3 | | 1.6 | 2.1 | | 1.6 | 150 | |
| 155 | | | | 2.7 | 3.1 | 3.3 | | 2.5 | 2.9 | 3.2 | | 1.8 | 2.4 | 2.7 | 1.6 | 2.2 | 2.5 | | | 1.8 | | 1.6 | | | | 155 | |
| 160 | | | | 2.3 | 2.6 | 2.8 | | 2 | 2.4 | 2.7 | | | 2 | 2.2 | | | 2 | | | | | | | | | 160 | |
| 165 | | | | 1.9 | 2.1 | 2.4 | | | 1.9 | 2.3 | | | | | | | | | | | | | | | | | 165 |
| 170 | | | | 1.4 | 1.8 | 2 | | | 1.6 | 1.8 | | | | | | | | | | | | | | | | | 170 |

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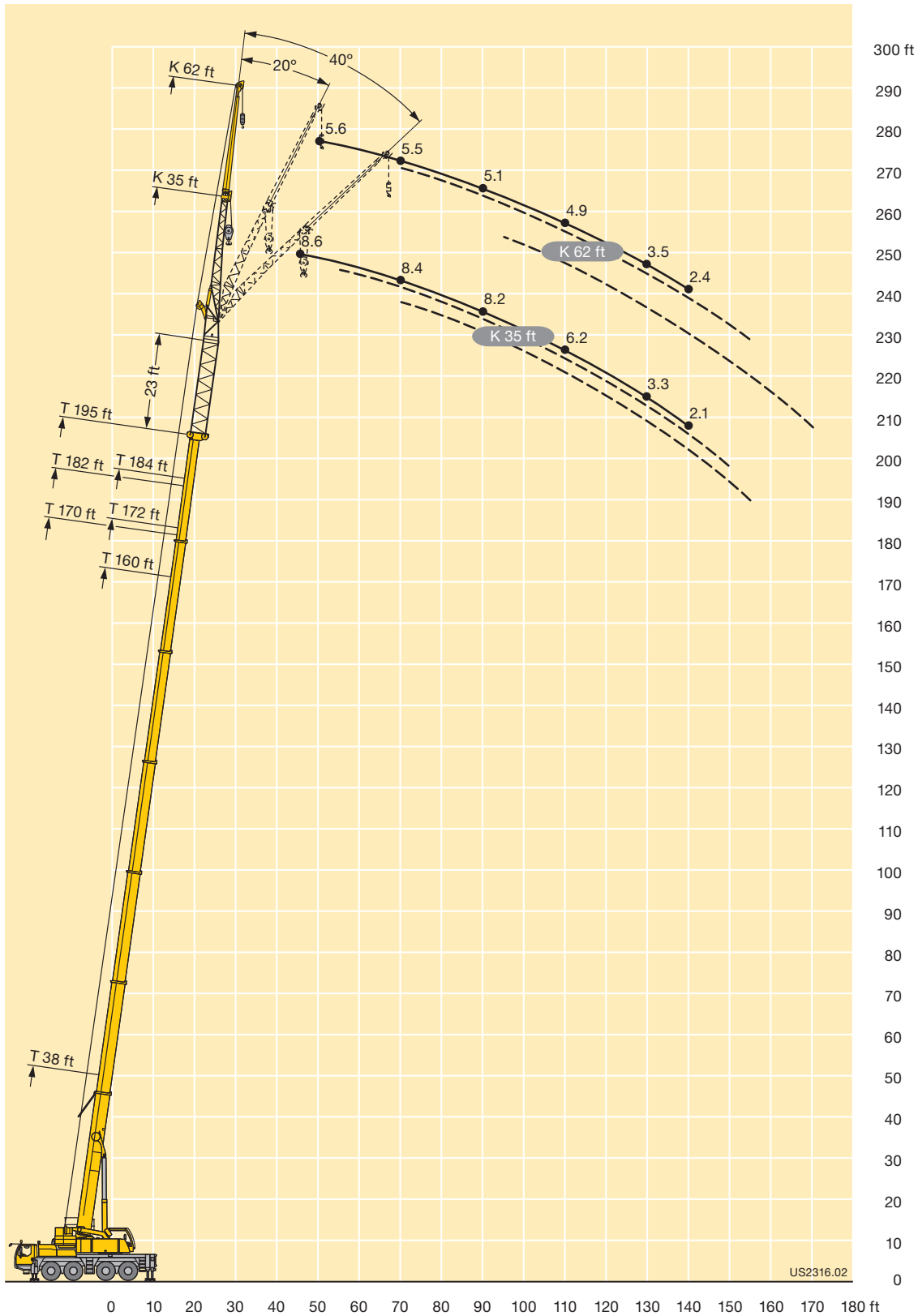
Lifting capacities Forces de levage

TVK/TVNZK



| ft | 38 ft + 23 ft | | | 160 ft + 23 ft | | | 170 ft + 23 ft | | | 172 ft + 23 ft | | | 182 ft + 23 ft | | | 184 ft + 23 ft | | | 195 ft + 23 ft | | | ft | |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|
| | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | 62 ft | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | |
| 13 | 7.9 | | | | | | | | | | | | | | | | | | | | | 13 | |
| 14 | 7.9 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 7.9 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 7.9 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 7.9 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 7.9 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 20 | 7.9 | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 7.8 | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 7.7 | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 7.7 | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 7.7 | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 7.7 | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 7.7 | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 7.6 | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 7.5 | 7.3 | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 7.5 | 7.3 | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 7.5 | 7.3 | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 7.1 | 7.3 | | 7.9 | | | 6.8 | | | 7.3 | | | | | | | | | | | | 45 | |
| 50 | 6.8 | 7 | | 7.8 | | | 6.8 | | | 7.1 | | | 6.2 | | | 6.4 | | | | 5.6 | | 50 | |
| 55 | 6.4 | 6.7 | | 7.7 | | | 6.8 | | | 7.1 | | | 6.2 | | | 6.4 | | | | 5.5 | | 55 | |
| 60 | 5.9 | 6.3 | 6.6 | 7.7 | | | 6.6 | | | 7.1 | | | 6.2 | | | 6.4 | | | | 5.5 | | 60 | |
| 65 | 5.6 | 6 | 6.2 | 7.7 | | | 6.6 | | | 7.1 | | | 6.2 | | | 6.4 | | | | 5.5 | | 65 | |
| 70 | 5.2 | 5.7 | 5.9 | 7.7 | 7.3 | | 6.6 | 6.2 | | 7.1 | 6.6 | | 6 | | | 6.4 | 6 | | | 5.5 | | 70 | |
| 75 | 5 | 5.3 | 5.5 | 7.6 | 7.3 | | 6.6 | 6.2 | | 7 | 6.6 | | 6 | 5.7 | | 6.3 | 6 | | | 5.4 | 5.3 | 75 | |
| 80 | 4.8 | 5 | 5.3 | 7.5 | 7.3 | | 6.6 | 6.2 | | 6.8 | 6.6 | | 6 | 5.7 | | 6.2 | 6 | | | 5.3 | 5.3 | 80 | |
| 85 | 4.4 | 4.7 | 5.1 | 7.5 | 7.3 | 6.8 | 6.6 | 6.2 | | 6.8 | 6.6 | | 6 | 5.7 | | 6.2 | 6 | | | 5.3 | 5.3 | 85 | |
| 90 | 4.3 | 4.5 | 4.8 | 7.3 | 7.1 | 6.7 | 6.5 | 6.2 | 6 | 6.8 | 6.6 | 6.4 | 6 | 5.7 | 5.5 | 6.2 | 6 | 5.7 | | 5.1 | 5.3 | 90 | |
| 95 | 4 | 4.2 | 4.4 | 7.2 | 6.8 | 6.5 | 6.4 | 6.1 | 6 | 6.7 | 6.5 | 6.4 | 6 | 5.7 | 5.5 | 6.2 | 6 | 5.7 | | 5.1 | 5.3 | 5.1 | 95 |
| 100 | 3.7 | 3.9 | | 7 | 6.6 | 6.3 | 6.3 | 6 | 6 | 6.6 | 6.3 | 6.3 | 5.9 | 5.7 | 5.5 | 6.2 | 6 | 5.7 | | 5 | 5.2 | 5.1 | 100 |
| 105 | 3.5 | 3.8 | | 6.8 | 6.4 | 6.2 | 6.2 | 6 | 6 | 6.4 | 6.2 | 6.2 | 5.7 | 5.5 | 5.5 | 6.2 | 6 | 5.7 | | 4.9 | 5.1 | 5.1 | 105 |
| 110 | | | | 6.5 | 6.2 | 6 | 6 | 5.8 | 5.8 | 6.4 | 6.2 | 6 | 5.7 | 5.5 | 5.5 | 6 | 5.8 | 5.7 | | 4.9 | 5.1 | 5.1 | 110 |
| 115 | | | | 6.3 | 6.1 | 6 | 5.8 | 5.6 | 5.6 | 6.2 | 6.1 | 5.8 | 5.6 | 5.5 | 5.4 | 5.6 | 5.7 | 5.6 | | 4.7 | 5.1 | 5.1 | 115 |
| 120 | | | | 6.1 | 5.9 | 5.9 | 5.7 | 5.5 | 5.5 | 5.8 | 5.9 | 5.7 | 5.4 | 5.5 | 5.3 | 5 | 5.7 | 5.5 | | 4.5 | 5 | 5.1 | 120 |
| 125 | | | | 5.9 | 5.7 | 5.7 | 5.5 | 5.3 | 5.3 | 5.5 | 5.7 | 5.5 | 5 | 5.3 | 5.3 | 4.4 | 5.5 | 5.5 | | 4.1 | 4.8 | 5.1 | 125 |
| 130 | | | | 5.6 | 5.6 | 5.6 | 5.3 | 5.3 | 5.3 | 4.8 | 5.6 | 5.5 | 4.5 | 5.1 | 5.1 | 3.7 | 5.2 | 5.3 | | 3.5 | 4.7 | 4.9 | 130 |
| 135 | | | | 5.1 | 5.4 | 5.4 | 4.8 | 5.2 | 5.2 | 4.3 | 5.3 | 5.4 | 4 | 4.9 | 5.1 | 3.2 | 4.6 | 5.2 | | 2.9 | 4.3 | 4.9 | 135 |
| 140 | | | | 4.6 | 5.2 | 5.2 | 4.2 | 5 | 5 | 3.7 | 4.9 | 5.2 | 3.5 | 4.6 | 5 | 2.6 | 3.9 | 4.9 | | 2.4 | 3.8 | 4.6 | 140 |
| 145 | | | | 3.9 | 5 | 5.1 | 3.7 | 4.8 | 4.8 | 3 | 4.3 | 5 | 2.8 | 4.1 | 4.8 | 2.1 | 3.2 | 4.3 | | | 3.2 | 4.1 | 145 |
| 150 | | | | 3.4 | 4.5 | 4.9 | 3.2 | 4.3 | 4.7 | 2.5 | 3.7 | 4.5 | 2.3 | 3.4 | 4.3 | 1.6 | 2.7 | 3.7 | | | 2.6 | 3.6 | 150 |
| 155 | | | | 3 | 4 | 4.6 | 2.7 | 3.8 | 4.4 | 2.2 | 3.1 | 4 | 1.9 | 2.9 | 3.8 | | 2.2 | 3.1 | | | 2 | 3 | 155 |
| 160 | | | | 2.6 | 3.5 | 4.2 | 2.3 | 3.3 | 3.9 | 1.7 | 2.6 | 3.4 | | 2.5 | 3.3 | | 1.7 | 2.6 | | | | 2.4 | 160 |
| 165 | | | | 2.1 | 3 | 3.7 | 1.9 | 2.8 | 3.4 | | 2.1 | 2.8 | | 2.1 | 2.8 | | | 2.1 | | | | 1.9 | 165 |
| 170 | | | | 1.8 | 2.5 | 3.2 | | 2.3 | 2.9 | | 1.8 | 2.5 | | 1.6 | 2.3 | | | 1.6 | | | | 1.4 | 170 |
| 175 | | | | | 2.1 | 2.6 | | | 1.9 | 2.4 | | | | | | | | | | | | | 175 |
| 180 | | | | | 1.8 | 2.1 | | | 2 | | | | | | | | | | | | | | 180 |

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Lifting capacities Forces de levage

TVK/TVNZK



| ft | 38 ft + 46 ft | | | 160 ft + 46 ft | | | 170 ft + 46 ft | | | 172 ft + 46 ft | | | 182 ft + 46 ft | | | 184 ft + 46 ft | | | 195 ft + 46 ft | | | ft |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|
| | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | 35 ft | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 11 | 8.4 | | | | | | | | | | | | | | | | | | | | 11 | |
| 12 | 8.4 | | | | | | | | | | | | | | | | | | | | 12 | |
| 13 | 8.4 | | | | | | | | | | | | | | | | | | | | 13 | |
| 14 | 8.4 | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 8.4 | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 8.2 | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 8.2 | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 8.2 | | | | | | | | | | | | | | | | | | | | 18 | |
| 20 | 8.2 | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 8.2 | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 8.1 | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 8 | 8.4 | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 7.9 | 8.3 | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 7.9 | 8.2 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 7.8 | 8.2 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 7.6 | 8.1 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 7.5 | 7.9 | 8.2 | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 7.4 | 7.8 | 8 | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 7.2 | 7.6 | 7.9 | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 6.9 | 7 | 7.4 | 8.2 | | | 6.9 | | | 7.3 | | | 6.2 | | | 6.4 | | | | | 45 | |
| 50 | 6.4 | 6.6 | 6.9 | 8.2 | | | 6.8 | | | 7.3 | | | 6.2 | | | 6.4 | | | 5.5 | | 50 | |
| 55 | 5.9 | 6.1 | 6.4 | 8.1 | 8.2 | | 6.8 | 7.1 | | 7.3 | 7.3 | | 6.2 | | | 6.4 | | | 5.5 | | 55 | |
| 60 | 5.5 | 5.7 | 5.9 | 7.9 | 8.1 | | 6.8 | 7 | | 7.2 | 7.3 | | 6.2 | | | 6.4 | | | 5.5 | | 60 | |
| 65 | 5.1 | 5.3 | 5.6 | 7.9 | 8 | 8.2 | 6.8 | 6.9 | | 7.1 | 7.3 | | 6.2 | 6.2 | | 6.4 | 6.4 | | 5.3 | 5.5 | 65 | |
| 70 | 4.8 | 5 | 5.2 | 7.8 | 7.9 | 7.9 | 6.7 | 6.8 | 6.9 | 7.1 | 7.3 | 7.4 | 6 | 6.2 | 6.4 | 6.3 | 6.4 | 6.6 | 5.3 | 5.5 | 70 | |
| 75 | 4.4 | 4.7 | 4.9 | 7.6 | 7.8 | 7.6 | 6.6 | 6.7 | 6.7 | 7.1 | 7.2 | 7.2 | 6 | 6.2 | 6.3 | 6.2 | 6.4 | 6.6 | 5.2 | 5.4 | 5.6 | 75 |
| 80 | 4.2 | 4.4 | 4.5 | 7.5 | 7.5 | 7.4 | 6.6 | 6.6 | 6.6 | 7 | 7 | 7 | 6 | 6.1 | 6.2 | 6.2 | 6.4 | 6.6 | 5.1 | 5.3 | 5.5 | 80 |
| 85 | 4 | 4.2 | 4.2 | 7.5 | 7.3 | 7.1 | 6.4 | 6.4 | 6.4 | 6.8 | 6.8 | 6.8 | 6 | 6 | 6.2 | 6.2 | 6.2 | 6.4 | 5.1 | 5.3 | 5.5 | 85 |
| 90 | 3.7 | 3.9 | 4 | 7.2 | 7 | 6.9 | 6.2 | 6.2 | 6.2 | 6.8 | 6.7 | 6.7 | 6 | 6 | 6 | 6.2 | 6.2 | 6.4 | 4.9 | 5.1 | 5.4 | 90 |
| 95 | 3.4 | 3.5 | 3.8 | 7 | 6.7 | 6.6 | 6.2 | 6.1 | 6.1 | 6.7 | 6.5 | 6.5 | 5.9 | 5.9 | 5.9 | 6.1 | 6.1 | 6.3 | 4.9 | 5.1 | 5.3 | 95 |
| 100 | | | | 6.7 | 6.6 | 6.3 | 6.1 | 5.9 | 5.9 | 6.6 | 6.3 | 6.3 | 5.7 | 5.7 | 5.7 | 6 | 6 | 6.1 | 4.8 | 5 | 5.2 | 100 |
| 105 | | | | 6.4 | 6.4 | 6.2 | 6 | 5.7 | 5.7 | 6.4 | 6.2 | 6.2 | 5.7 | 5.5 | 5.5 | 6 | 6 | 6 | 4.6 | 4.9 | 5.1 | 105 |
| 110 | | | | 6.2 | 6.1 | 6 | 5.8 | 5.6 | 5.6 | 6.2 | 6 | 6 | 5.6 | 5.3 | 5.3 | 5.6 | 5.8 | 5.8 | 4.6 | 4.9 | 5.1 | 110 |
| 115 | | | | 6.1 | 5.8 | 5.8 | 5.6 | 5.4 | 5.4 | 5.8 | 5.8 | 5.8 | 5.4 | 5.3 | 5.3 | 5.1 | 5.6 | 5.6 | 4.4 | 4.7 | 5 | 115 |
| 120 | | | | 5.8 | 5.7 | 5.7 | 5.4 | 5.2 | 5.2 | 5.3 | 5.6 | 5.7 | 5 | 5.2 | 5.2 | 4.4 | 5.2 | 5.4 | 4 | 4.6 | 4.8 | 120 |
| 125 | | | | 5.5 | 5.5 | 5.5 | 5 | 5.1 | 5.1 | 4.6 | 5.3 | 5.5 | 4.4 | 5 | 5.1 | 3.7 | 4.4 | 5 | 3.5 | 4.4 | 4.6 | 125 |
| 130 | | | | 5 | 5.3 | 5.3 | 4.5 | 4.9 | 4.9 | 4.1 | 4.8 | 5.2 | 3.7 | 4.5 | 4.9 | 3 | 3.7 | 4.4 | 2.8 | 3.5 | 4.1 | 130 |
| 135 | | | | 4.3 | 4.9 | 5 | 4 | 4.6 | 4.7 | 3.5 | 4.1 | 4.6 | 3.2 | 3.9 | 4.5 | 2.4 | 3.2 | 3.7 | 2.1 | 2.9 | 3.5 | 135 |
| 140 | | | | 3.8 | 4.3 | 4.6 | 3.5 | 4.1 | 4.4 | 2.9 | 3.5 | 4 | 2.6 | 3.3 | 3.9 | 1.8 | 2.6 | 3.1 | | 2.4 | 2.9 | 140 |
| 145 | | | | 3.2 | 3.7 | 4.1 | 2.8 | 3.5 | 3.9 | 2.4 | 3 | 3.5 | 2.1 | 2.8 | 3.2 | | | 2.6 | | | 2.4 | 145 |
| 150 | | | | 2.7 | 3.2 | 3.6 | 2.5 | 3 | 3.4 | 1.9 | 2.5 | 3 | 1.6 | 2.3 | 2.7 | | | 1.9 | | | 1.9 | 150 |
| 155 | | | | 2.2 | 2.7 | 3.1 | 2 | 2.5 | 2.9 | | 2 | 2.3 | | 1.8 | 2.2 | | | | | | | 155 |
| 160 | | | | 1.8 | 2.3 | 2.6 | | 2 | 2.4 | | | 1.8 | | | | | | | | | | 160 |
| 165 | | | | 1.9 | 2.1 | | | | 1.9 | | | | | | | | | | | | | 165 |
| 170 | | | | 1.4 | 1.6 | | | | 1.4 | | | | | | | | | | | | | 170 |

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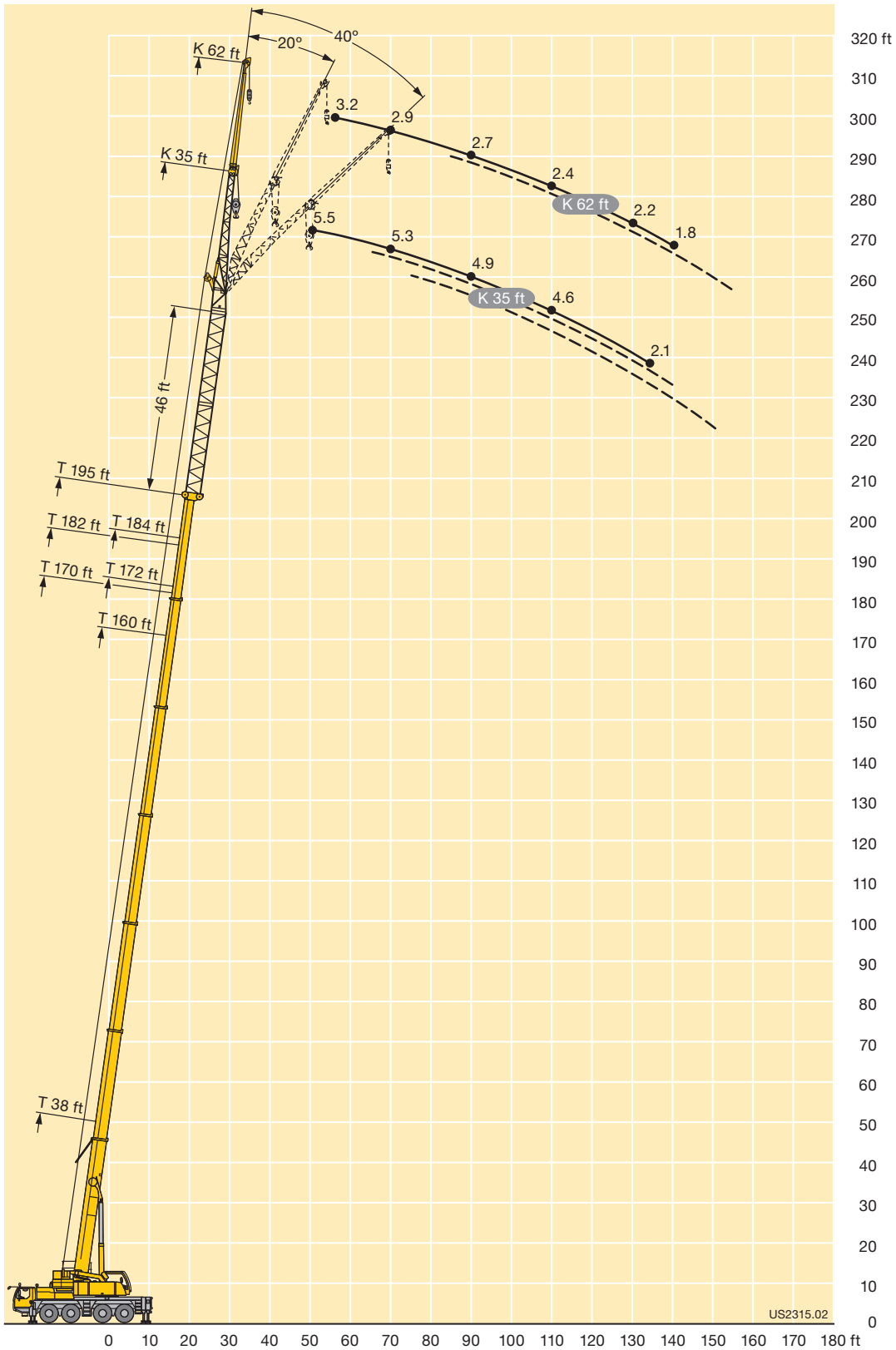
Lifting capacities Forces de levage

TVK/TVNZK



| ft | 38 ft + 46 ft | | | 160 ft + 46 ft | | | 170 ft + 46 ft | | 172 ft + 46 ft | | | 182 ft + 46 ft | | 184 ft + 46 ft | | | 195 ft + 46 ft | | ft |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|----------------|-----|-----|----------------|-----|----------------|-----|-----|----------------|-----|-----|
| | 62 ft | | | 62 ft | | | 62 ft | | 62 ft | | | 62 ft | | 62 ft | | | 62 ft | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 0° | 20° | 40° | 0° | 20° | 0° | 20° | 40° | 0° | 20° | |
| 16 | 5.5 | | | | | | | | | | | | | | | | | | 16 |
| 17 | 5.5 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 5.5 | | | | | | | | | | | | | | | | | | 18 |
| 20 | 5.5 | | | | | | | | | | | | | | | | | | 20 |
| 22 | 5.4 | | | | | | | | | | | | | | | | | | 22 |
| 24 | 5.3 | | | | | | | | | | | | | | | | | | 24 |
| 26 | 5.3 | | | | | | | | | | | | | | | | | | 26 |
| 28 | 5.3 | | | | | | | | | | | | | | | | | | 28 |
| 30 | 5.3 | | | | | | | | | | | | | | | | | | 30 |
| 32 | 5.3 | | | | | | | | | | | | | | | | | | 32 |
| 34 | 5.3 | | | | | | | | | | | | | | | | | | 34 |
| 36 | 5.3 | | | | | | | | | | | | | | | | | | 36 |
| 38 | 5.2 | | | | | | | | | | | | | | | | | | 38 |
| 40 | 5.1 | 5.5 | | | | | | | | | | | | | | | | | 40 |
| 45 | 5.1 | 5.3 | | 5.5 | | | | | | | | | | | | | | | 45 |
| 50 | 4.9 | 5.3 | | 5.4 | | | 4.6 | | 4.9 | | | | | 4.4 | | | | | 50 |
| 55 | 4.8 | 5.2 | | 5.3 | | | 4.6 | | 4.9 | | | 4.1 | | 4.3 | | | 3.2 | | 55 |
| 60 | 4.6 | 5 | | 5.3 | | | 4.6 | | 4.9 | | | 4 | | 4.2 | | | 3.1 | | 60 |
| 65 | 4.4 | 4.7 | 4.9 | 5.3 | | | 4.6 | | 4.9 | | | 4 | | 4.2 | | | 2.9 | | 65 |
| 70 | 4.1 | 4.5 | 4.7 | 5.3 | 5.4 | | 4.5 | | 4.7 | | | 4 | | 4.2 | | | 2.9 | | 70 |
| 75 | 3.9 | 4.2 | 4.4 | 5.2 | 5.3 | | 4.4 | 4.6 | 4.6 | 4.9 | | 3.9 | 4 | 4.1 | 4.3 | | 2.8 | | 75 |
| 80 | 3.7 | 3.9 | 4.2 | 5.1 | 5.3 | | 4.4 | 4.6 | 4.6 | 4.9 | | 3.8 | 4 | 4 | 4.2 | | 2.7 | | 80 |
| 85 | 3.5 | 3.8 | 4 | 5.1 | 5.3 | | 4.4 | 4.6 | 4.6 | 4.9 | | 3.8 | 4 | 4 | 4.2 | | 2.7 | 2.9 | 85 |
| 90 | 3.2 | 3.6 | 3.8 | 5.1 | 5.1 | 5.1 | 4.4 | 4.6 | 4.6 | 4.9 | | 3.6 | 4 | 4 | 4.2 | | 2.7 | 2.9 | 90 |
| 95 | 3 | 3.3 | 3.5 | 5.1 | 5.1 | 5 | 4.4 | 4.6 | 4.6 | 4.7 | 4.6 | 3.5 | 3.9 | 3.9 | 4.1 | 4.2 | 2.5 | 2.8 | 95 |
| 100 | 2.8 | 3 | 3.3 | 5 | 5 | 4.8 | 4.4 | 4.6 | 4.6 | 4.6 | 4.6 | 3.5 | 3.8 | 3.8 | 4 | 4.1 | 2.4 | 2.7 | 100 |
| 105 | 2.7 | 2.9 | 3.1 | 4.9 | 4.9 | 4.6 | 4.4 | 4.4 | 4.6 | 4.6 | 4.6 | 3.5 | 3.8 | 3.8 | 4 | 4 | 2.4 | 2.7 | 105 |
| 110 | 2.5 | 2.7 | 2.9 | 4.7 | 4.7 | 4.6 | 4.2 | 4.2 | 4.5 | 4.5 | 4.5 | 3.4 | 3.6 | 3.6 | 3.8 | 4 | 2.4 | 2.7 | 110 |
| 115 | 2.3 | 2.5 | 2.8 | 4.6 | 4.5 | 4.5 | 4.2 | 4.2 | 4.4 | 4.4 | 4.4 | 3.3 | 3.5 | 3.5 | 3.8 | 4 | 2.3 | 2.5 | 115 |
| 120 | 2.1 | 2.4 | 2.6 | 4.6 | 4.4 | 4.4 | 4.1 | 4.1 | 4.4 | 4.4 | 4.4 | 3.3 | 3.5 | 3.5 | 3.8 | 3.9 | 2.2 | 2.4 | 120 |
| 125 | 2 | 2.2 | 2.4 | 4.4 | 4.4 | 4.2 | 4 | 4 | 4.2 | 4.2 | 4.2 | 3.3 | 3.5 | 3.5 | 3.7 | 3.8 | 2.2 | 2.4 | 125 |
| 130 | 1.8 | | | 4.2 | 4.2 | 4.2 | 3.8 | 3.8 | 4 | 4 | 4 | 3.3 | 3.4 | 3.2 | 3.6 | 3.8 | 2.2 | 2.4 | 130 |
| 135 | | | | 4.1 | 4.1 | 4.1 | 3.8 | 3.8 | 3.6 | 4 | 4 | 3.2 | 3.3 | 2.7 | 3.5 | 3.8 | 2.1 | 2.4 | 135 |
| 140 | | | | 3.8 | 3.9 | 3.9 | 3.6 | 3.7 | 3.1 | 3.8 | 3.9 | 2.9 | 3.3 | 2.2 | 3.3 | 3.7 | 1.8 | 2.4 | 140 |
| 145 | | | | 3.5 | 3.8 | 3.8 | 3.2 | 3.5 | 2.6 | 3.5 | 3.8 | 2.4 | 3.3 | | 2.8 | 3.5 | | 2.4 | 145 |
| 150 | | | | 3 | 3.8 | 3.8 | 2.7 | 3.3 | 2.1 | 3.2 | 3.8 | 1.9 | 2.9 | | 2.3 | 3.3 | | 2.1 | 150 |
| 155 | | | | 2.5 | 3.5 | 3.6 | 2.2 | 3 | 1.7 | 2.7 | 3.5 | | 2.5 | | 1.8 | 2.8 | | 1.6 | 155 |
| 160 | | | | 2 | 3.1 | 3.4 | 1.7 | 2.7 | | 2.3 | 3.1 | | 2 | | | 2.2 | | | 160 |
| 165 | | | | | 2.6 | 3.2 | | 2.3 | | | 2.6 | | | | | | | | 165 |
| 170 | | | | | 2 | 2.7 | | 1.8 | | | 2 | | | | | | | | 170 |
| 175 | | | | | 1.7 | 2.2 | | | | | 1.5 | | | | | | | | 175 |
| 180 | | | | | | 1.8 | | | | | | | | | | | | | 180 |

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Lifting capacities Forces de levage

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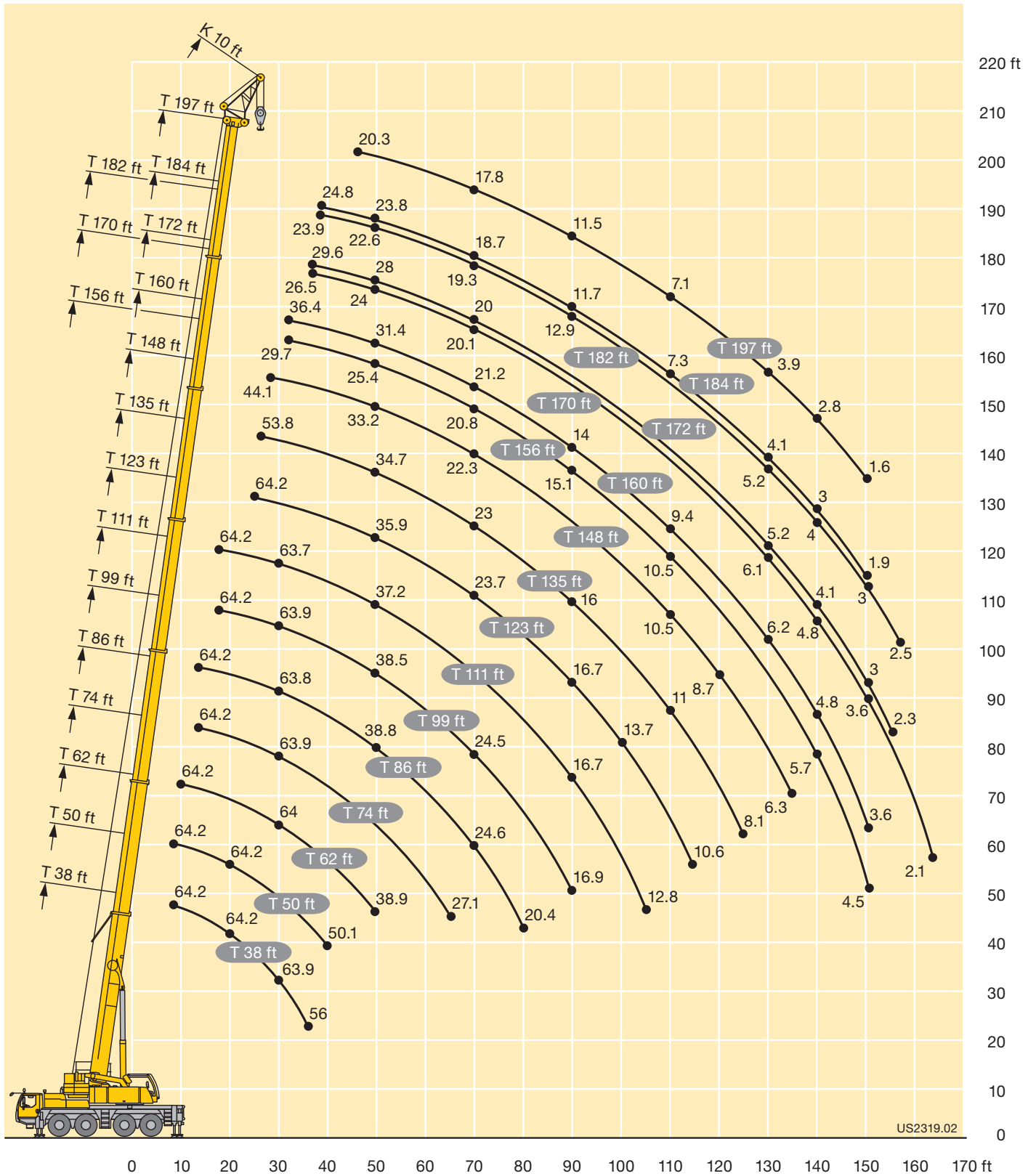


| ft | 38 ft | 50 ft | 62 ft | 74 ft | 86 ft | 99 ft | 111 ft | 123 ft | 135 ft | 148 ft | 156 ft | 160 ft | 170 ft | 172 ft | 182 ft | 184 ft | 197 ft | ft |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 9 | 64.2 | 64.2 | | | | | | | | | | | | | | | | 9 |
| 10 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | | | 10 |
| 11 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | | | 11 |
| 12 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | | | 12 |
| 13 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | 13 |
| 14 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | 14 |
| 15 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | 15 |
| 16 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | 16 |
| 17 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | | | 17 |
| 18 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | | 18 |
| 20 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | | 20 |
| 22 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | | | | | | | | | 22 |
| 24 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.1 | | | | | | | | | | 24 |
| 26 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64 | 53.8 | | | | | | | | | 26 |
| 28 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 63.5 | 53.3 | 44.1 | | | | | | | | 28 |
| 30 | 63.9 | 64 | 64 | 63.9 | 63.8 | 63.9 | 63.7 | 62.4 | 52.8 | 43.8 | | | | | | | | 30 |
| 32 | 63 | 63.2 | 63.3 | 62.8 | 62.3 | 62.7 | 62 | 59.7 | 52.1 | 43.5 | 29.7 | 36.4 | | | | | | 32 |
| 34 | 60.1 | 60.5 | 60.8 | 60.3 | 60.1 | 60.3 | 59 | 56.5 | 50.9 | 43.2 | 29.3 | 36.1 | | | | | | 34 |
| 36 | 56 | 56.6 | 57.1 | 56.8 | 57.2 | 57 | 55.1 | 52.9 | 49.2 | 42.8 | 28.9 | 35.7 | 26.5 | 29.6 | | | | 36 |
| 38 | | 53.2 | 53.5 | 53.8 | 54 | 53.5 | 52.1 | 49.5 | 46.7 | 42.1 | 28.5 | 35.6 | 26.1 | 29.4 | 23.9 | 24.8 | | 38 |
| 40 | | 50.1 | 50.4 | 51 | 51 | 50.3 | 49.2 | 46.4 | 44.3 | 41.1 | 28.1 | 35.3 | 25.7 | 29.3 | 23.8 | 24.7 | | 40 |
| 45 | | | 44.2 | 44.6 | 44.2 | 43.6 | 42.3 | 40.6 | 39.1 | 36.9 | 26.7 | 34 | 24.9 | 28.8 | 23.2 | 24.3 | 20.3 | 45 |
| 50 | | | 38.9 | 39.1 | 38.8 | 38.5 | 37.2 | 35.9 | 34.7 | 33.2 | 25.4 | 31.4 | 24 | 28 | 22.6 | 23.8 | 20.2 | 50 |
| 55 | | | | 34.4 | 34.1 | 34.1 | 33.1 | 32.1 | 31 | 29.6 | 24.1 | 28.4 | 23.1 | 26.4 | 21.9 | 23.3 | 19.9 | 55 |
| 60 | | | | 30.5 | 30 | 30.1 | 29.7 | 29 | 27.9 | 26.5 | 23 | 25.4 | 22.1 | 24.1 | 21.2 | 22.4 | 19.5 | 60 |
| 65 | | | | 27.1 | 26.7 | 27.3 | 26.8 | 26 | 25.2 | 24.1 | 22 | 23.4 | 21.1 | 22.3 | 20.4 | 20.9 | 19 | 65 |
| 70 | | | | | 24.6 | 24.5 | 24.4 | 23.7 | 23 | 22.3 | 20.8 | 21.2 | 20.1 | 20 | 19.3 | 18.7 | 17.8 | 70 |
| 75 | | | | | 22.6 | 22 | 22.1 | 21.5 | 21 | 20.5 | 19.5 | 19.1 | 18.7 | 17.9 | 17.7 | 16.6 | 16.2 | 75 |
| 80 | | | | | 20.4 | 19.8 | 20.1 | 19.5 | 19.2 | 18.5 | 18.1 | 17.2 | 17 | 16.1 | 15.9 | 14.8 | 14.4 | 80 |
| 85 | | | | | | 18 | 18.4 | 18.2 | 17.5 | 16.7 | 16.6 | 15.5 | 15.3 | 14.4 | 14.2 | 13.1 | 12.9 | 85 |
| 90 | | | | | | 16.9 | 16.7 | 16.7 | 16 | 15.1 | 15.1 | 14 | 13.8 | 13.1 | 12.9 | 11.7 | 11.5 | 90 |
| 95 | | | | | | | 15.3 | 15.1 | 14.6 | 13.8 | 13.7 | 12.7 | 12.5 | 11.7 | 11.6 | 10.5 | 10.3 | 95 |
| 100 | | | | | | | 14 | 13.7 | 13.3 | 12.6 | 12.5 | 11.5 | 11.3 | 10.5 | 10.4 | 9.3 | 9.1 | 100 |
| 105 | | | | | | | 12.8 | 12.6 | 12.1 | 11.5 | 11.5 | 10.4 | 10.1 | 9.5 | 9.3 | 8.2 | 7.9 | 105 |
| 110 | | | | | | | | 11.6 | 11 | 10.5 | 10.5 | 9.4 | 9.1 | 8.5 | 8.4 | 7.3 | 7.1 | 110 |
| 115 | | | | | | | | 10.6 | 9.9 | 9.6 | 9.6 | 8.5 | 8.2 | 7.6 | 7.5 | 6.5 | 6.3 | 115 |
| 120 | | | | | | | | | 8.9 | 8.7 | 8.7 | 7.7 | 7.5 | 6.7 | 6.6 | 5.6 | 5.4 | 120 |
| 125 | | | | | | | | | 8.1 | 7.9 | 7.9 | 7 | 6.8 | 5.9 | 5.9 | 4.8 | 4.6 | 125 |
| 130 | | | | | | | | | | 7 | 7 | 6.2 | 6.1 | 5.2 | 5.2 | 4.1 | 3.9 | 130 |
| 135 | | | | | | | | | | 6.3 | 6.3 | 5.5 | 5.5 | 4.7 | 4.6 | 3.6 | 3.4 | 135 |
| 140 | | | | | | | | | | | | 5.7 | 4.8 | 4.8 | 4.1 | 4 | 3 | 140 |
| 145 | | | | | | | | | | | | 5 | 4.1 | 4.1 | 3.5 | 3.5 | 2.4 | 145 |
| 150 | | | | | | | | | | | | 4.5 | 3.6 | 3.6 | 3 | 3 | 1.9 | 150 |
| 155 | | | | | | | | | | | | | 3.1 | 2.3 | 2.5 | | | 155 |
| 160 | | | | | | | | | | | | | | 2.6 | | | | 160 |
| 165 | | | | | | | | | | | | | | 2.1 | | | | 165 |

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Lifting heights Hauteurs de levage

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Equipment Equipment

Crane carrier

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|--------------------------|---|
| Frame | Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel. |
| Outriggers | 4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display. |
| Engine | 6-cylinder Diesel, make Liebherr, watercooled, output 350 kW (476 h.p.), max. torque 1645 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel reservoir: 106 gallons. |
| Transmission | ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential. |
| Axles | Low maintenance carrier axles, all 4 axles steered. Axle 2, 3 and 4 are equipped with planetary gears, all driven axles with transverse differential locks, axle 3 with longitudinal differential lock. |
| Cardan shaft | All cardan shafts with 70° diagonal toothing and maintenance free. |
| Suspension | All axles are hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable. |
| Tyres | 8 tyres, size: 445/95 R 25 (16.00 R 25). |
| Steering | 2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations. |
| Brakes | Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Hand brake: Spring-loaded, acting on all wheels of axles 1, 2 and 4. Sustained-action brake: Exhaust retarder with additional Liebherr braking system. Anti-lock device in conjunction with anti-skid control. |
| Driver's cab | Spacious and comfortable sheet steel cab mounted on rubber shock absorbers, safety glass windows. |
| Electrical system | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each. |

Crane superstructure

| | |
|---------------------|--|
| Frame | Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim. |
| Crane engine | 4-cylinder Diesel, make Liebherr, watercooled, output 129 kW (175 h.p.), max. torque 601 lbs-ft. Exhaust emissions acc. to 97/68/EG and EPA/CARB Tier 3. Fuel reservoir: 66 gallons. |

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|--------------------------|--|
| Crane drive | Diesel-hydraulic, with 1 axial piston variable displacement pump, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement. |
| Control | Electric „Load Sensing“ control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type). |
| Hoist gear | Axial piston fixed displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake. |
| Luffing gear | 1 differential ram with safety check valves. |
| Slewing gear | Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature. |
| Crane cab | Large screen area, compound glass, comfort furnishing, cabin tilttable 20° to rear. |
| Safety devices | LICCON2 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures. |
| Telescopic boom | 1 base section and 6 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system TELEMATIK. Boom length: 38 ft – 197 ft. |
| Counterweight | 37900 lbs basic counterweight. |
| Electrical system | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each. |

Additional equipment

| | |
|----------------------------------|--|
| Swing-away jib | 35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option). |
| Telescopic boom extension | 23 ft – 46 ft long lattice section, thus higher pinning point for swing-away jib. |
| 2nd hoist gear | For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved. |
| Tyres | 8 tyres, size 525/80 R 25 (20.5 R 25). |
| Drive 8 x 8 | Additional drive of the 1 st axle. |
| Additional counterweight | 24300 lbs for a total counterweight of 62200 lbs. |

Other items of equipment available on request.

Châssis porteur

| | |
|--------------------------------|---|
| Cadre | Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant. |
| Calage | Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique. |
| Moteur | Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 350 kW (476 ch), couple max. 1645 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 106 gallons. |
| Boîte de vitesse | Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel. |
| Essieux | Essieux nécessitant peu d'entretien, les 4 essieux sont directeurs. Les essieux 2, 3 et 4 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 3 avec différentiel longitudinal. |
| Arbres articulés | Tous les flasques de croisillons avec denture en croix 70° et sans entretien. |
| Suspension | Tous les essieux sont à suspension hydro-pneumatique avec mise à niveau automatique. Suspension blocable hydrauliquement. |
| Pneumatiques | 8 pneus de taille: 445/95 R 25 (16.00 R 25). |
| Direction | 2 circuits avec direction assistée hydraulique. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement. |
| Freins | Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: par cylindres à ressorts, agissant sur les roues des essieux 1,2 et 4. Frein à régime continu: Ralentisseur sur échappement avec système de freinage additionnel Liebherr. Dispositif anti-enrayeur avec contrôle antipatinage. |
| Cabine du conducteur | Cabine spacieuse, en tôle d'acier, équipement «grand confort», suspendue sur silent blocs, vitrage de sécurité. |
| Installation électrique | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune. |

Partie tournante

| | |
|---------------|---|
| Cadre | Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux. |
| Moteur | Moteur diesel Liebherr, 4 cylindres, à refroidissement par eau, de 129 kW (175 ch), couple max. 601 lbs-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Capacité du réservoir à carburant: 66 gallons. |

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| Entraînement de la grue | Diesel hydraulique avec 1 pompe à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation. |
| Commande | Direction électrique "Load Sensing", 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage. |
| Mécanisme de levage | Moteur à cylindrée constante et à pistons axiaux. Treuil équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort. |
| Mécanisme de relevage | 1 vérin différentiel avec soupapes de retenue. |
| Dispositif de rotation | Moteur à cylindrée constante à pistons axiaux, réducteur planétaire, frein d'arrêt commandé par ressort. Commutation en série du mécanisme d'orientation: ouvert et en orientation freinée automatiquement. |
| Cabine de grue | Large champ de vision, vitrage de sécurité, équipement pour un confort idéal, cabine inclinable de 20° vers l'arrière. |
| Dispositif de sécurité | Contrôleur de charge, «LICCON2», système test, limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux. |
| Flèche télescopique | 1 élément de base et 6 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, TELEMATIK. Longueur de flèche: 38 ft – 197 ft. |
| Contrepoids | Plaque de base 37900 lbs. |
| Installation électrique | Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune. |


















Équipement supplémentaire

| | |
|-------------------------------------|---|
| Fléchette pliante | Longueur: 35 ft – 62 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option). |
| Rallonge flèche télescopique | Élément en treillis de 23 ft – 46 ft, de cette manière point d'articulation plus haute pour la flèche pliante. |
| 2ème mécanisme de levage | Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lors que le câble de levage principal rest mouflé. |
| Pneumatiques | 8 pneus. Taille: 525/80 R 25 (20.5 R 25). |
| Entraînement 8 x 8 | Essieu 1 est entraîné additionnellement. |
| Contrepoids additionnel | 24300 lbs pour un contrepoids total de 62200 lbs. |





Autres équipements supplémentaires sur demande.

Description of symbols Explication des symboles

General symbols Symboles généraux

| | | | |
|---|---|---|--|
|  | Outriggers Calage |  | Driving speed Vitesse de translation |
|  | Axle Essieu |  | Driving speed – Crawl speed Vitesse de translation – Marche lente |
|  | Radius Portée |  | Gear Vitesse |
|  | Boom length Longueur de la flèche |  | Hookblock / Capacity Moufle à crochet / Capacité de charge |
|  | Boom position Position de la flèche |  | Hoist gear Treuil de levage |
|  | Counterweight Contrepoids |  | Crane carrier Châssis porteur |
|  | Tyres Pneumatiques |  | Crane superstructure Partie tournante de la grue |
|  | Slewing gear / Working area Mécanisme d'orientation / Plage de travail |  | Gradability Aptitude à gravir les pentes |
|  | Standard Norme | | |

Crane specific symbols Symboles spécifiques à la grue

| | | | |
|---|--|---|---|
|  | Telescopic boom Flèche télescopique |  | Telescopic boom extension Rallonge flèche télescopique |
|  | Swing away jib / Hydraulic swing away jib Fléchette pliante / Fléchette pliante hydraulique |  | Erection jib Fléchette de montage |

Remarks referring to load charts

1. The lifting capacities do not exceed 85 % 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 23 ft/s (7 m/s, 15.7 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. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centreline.
6. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
7. Lifting capacities above 153.2 kips / 181.2 kips only with additional pulley block/special equipment.
8. 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.

Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 85 % 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 23 ft/s (7 m/s, 15.7 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. Les forces de levage sont données en kips.
4. Les poids des mouffes et crochets doit être soustrait des charges indiquées.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les forces indiquées pour la flèche télescopique s'entendent fléchette dépliée.
7. Forces de levage plus de 153.2 kips / 181.2 kips seulement avec moufle additionnel/équipement supplémentaire.
8. 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.