

Mobile Crane/Grue mobile **LTM 1120-4.1**

Preliminary
Préliminaire

There's nothing more on 4



135 USt



217 ft



210 ft

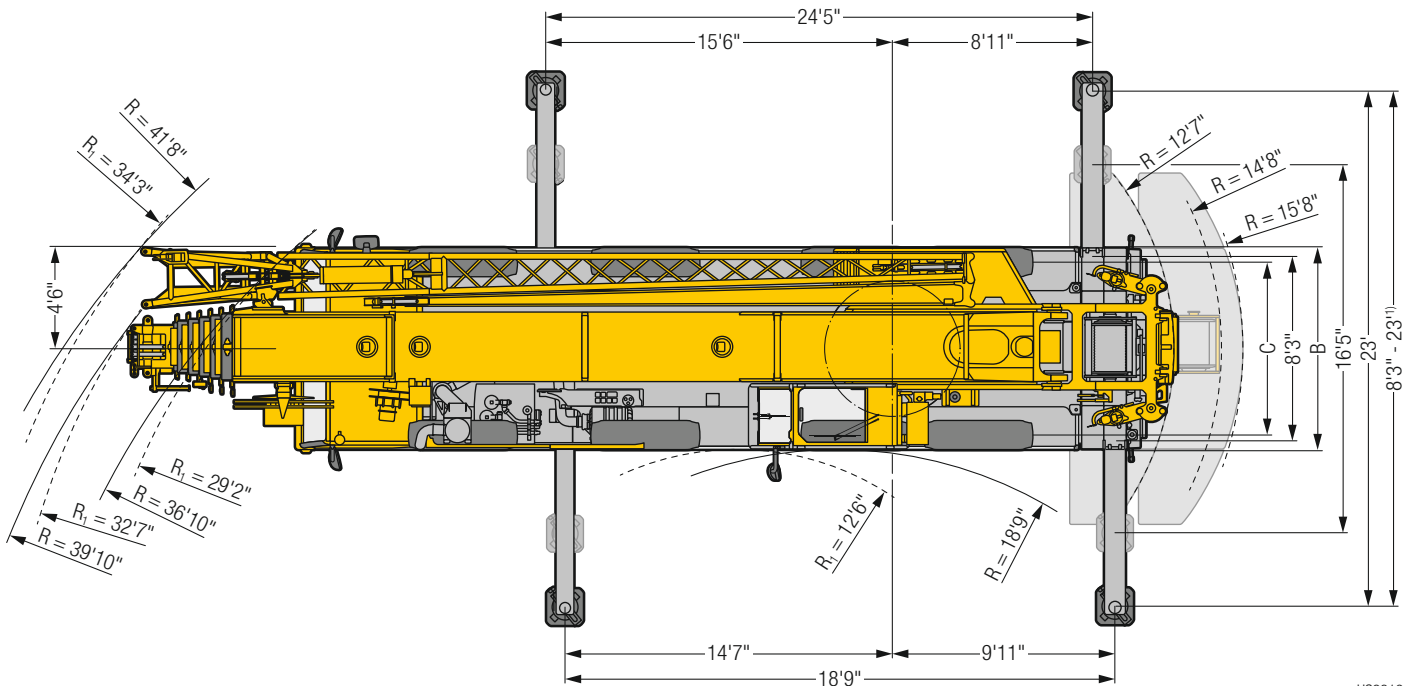
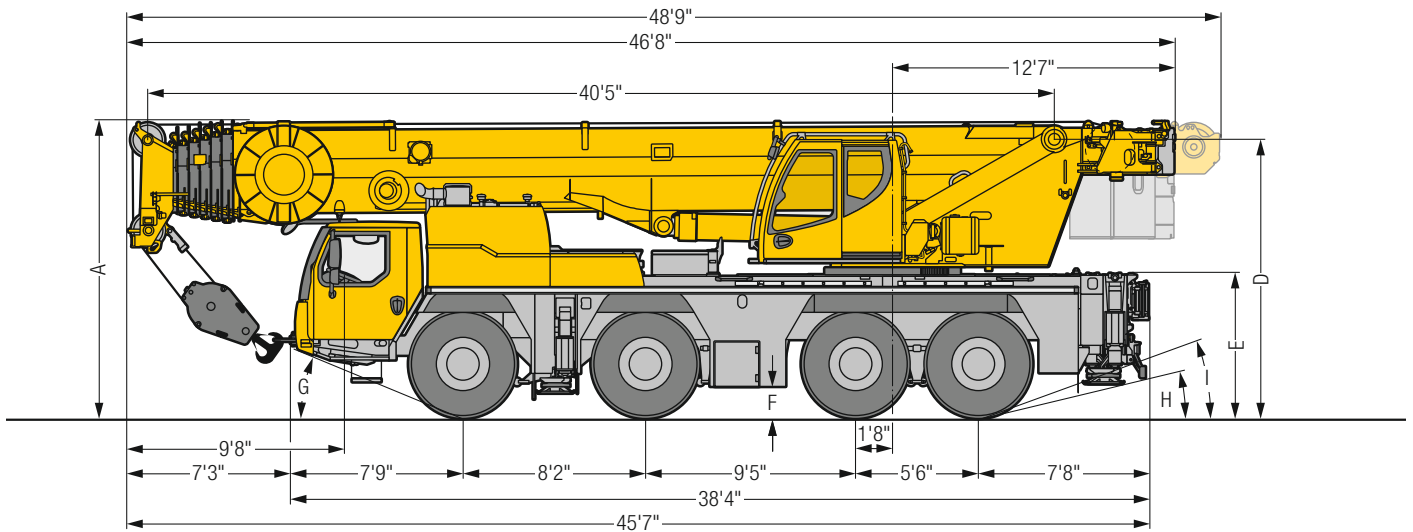


308 ft



LIEBHERR


Dimensions Encombrement



US3319

R₁ = All-wheel steering · Direction toutes roues ¹⁾ only with VarioBase® · seulement avec VarioBase®

Dimensions/Encombrement

| | A | A | B | C | D | E | F | G | H | I |
|---|-------|--------|------|------|-------|------|------|-----|-----|-----|
|  | | 4" * | | | | | | | | |
| 445/95 R 25 (16.00 R 25) | 13'1" | 12'10" | 9' | 7'7" | 12'4" | 6'3" | 1'3" | 23° | 13° | 20° |
| 525/80 R 25 (20.5 R 25) | 13'1" | 12'10" | 9'6" | 7'9" | 12'4" | 6'3" | 1'3" | 23° | 13° | 20° |

* lowered · abaissé

Weights Poids



Hook block/Moufles à crochet

| 181,200 lb | 7 | 12 | 2,750 lb |
|------------|---|----|----------|
| 167,300 lb | 5 | 11 | 2,000 lb |
| 109,550 lb | 3 | 7 | 1,550 lb |
| 48,500 lb | 1 | 3 | 1,000 lb |
| 16,300 lb | – | 1 | 550 lb |

Working speeds Vitesses

Crane carrier/Châssis porteur

| | min. | max. | % |
|---|------|------|--------|
| 445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25) | 0.3 | 53 | 56.5 % |

Theoretical gradeability/Aptitude théorique en pente

| | 12 / R2 |
|--|---------|
| | 4 / R2 |

Crane superstructure/Partie tournante

| | 0 – 381 ft/min single line ft/min au brin simple | 0.74" | 820 ft | 16.635 lb |
|--|--|-------|--------|-----------|
| | 0 – 381 ft/min single line ft/min au brin simple | 0.74" | 820 ft | 16.635 lb |
| | 0 – 1.8 min ⁻¹ | | | |
| | approx. 50 seconds to reach 83° boom angle env. 50 s jusqu'à 83° | | | |
| | approx. 420 seconds for boom extension from 40 ft – 217 ft env. 420 s pour passer de 40 ft – 217 ft | | | |

Lifting capacities Forces de levage

T

40-217 ft
360°
12.6 ft
15.6 ft
68,300 lb
85%

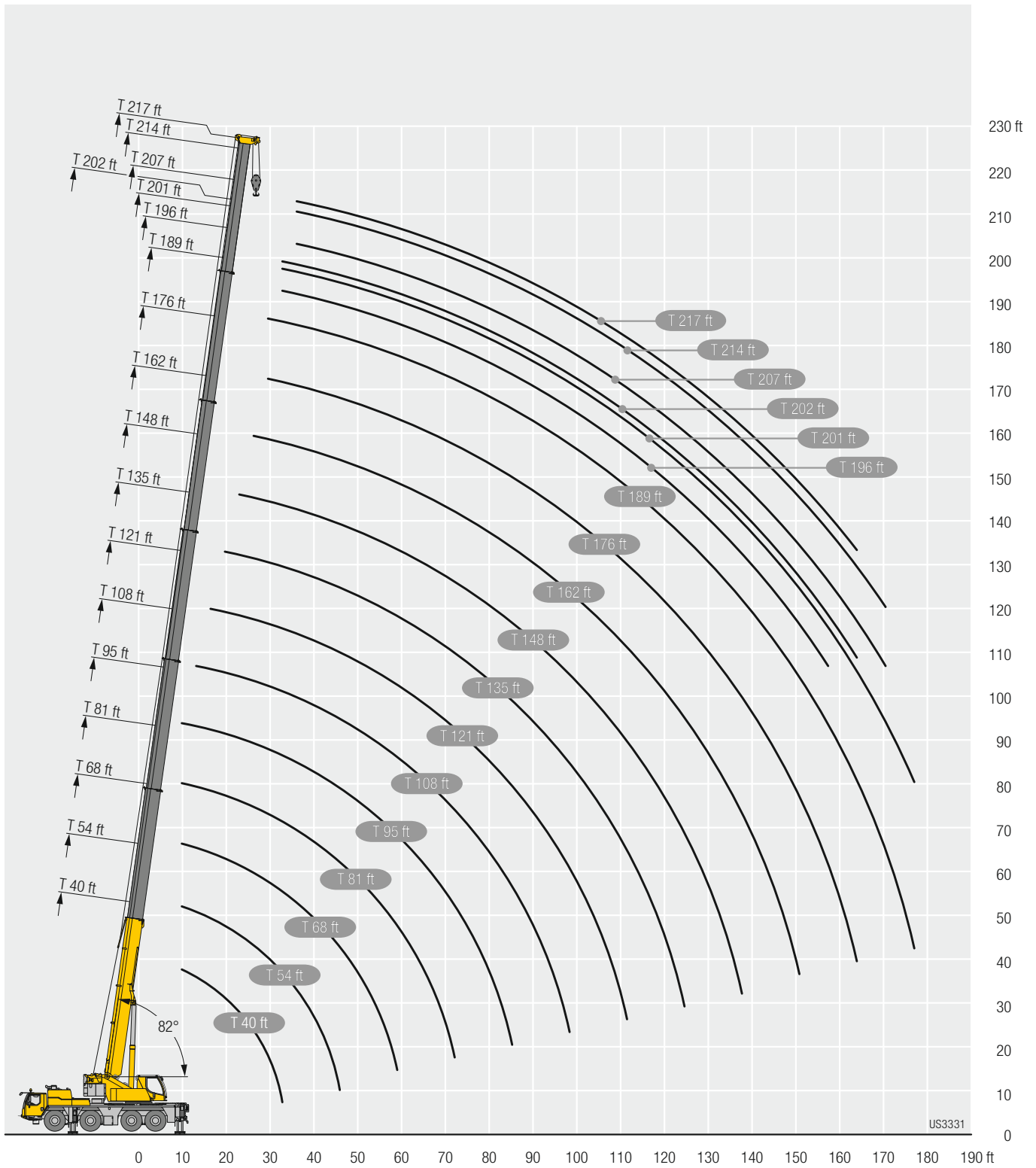
Preliminary
Préliminaire

| | 40 ft | | 54 ft | 68 ft | 81 ft | 95 ft | 108 ft | 121 ft | 135 ft | 148 ft | 162 ft | 176 ft | 189 ft | 196 ft | 201 ft | 202 ft | 207 ft | 214 ft | 217 ft | | |
|-----|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|
| | * | | | | | | | | | | | | | | | | | | | | |
| 10 | 264.6 | 153.2 | 140 | 141.4 | 141 | 127.6 | | | | | | | | | | | | | | | 10 |
| 11 | 202.1 | 153.2 | 140 | 141.4 | 141 | 138.5 | | | | | | | | | | | | | | | 11 |
| 12 | 162.1 | 151.5 | 140 | 141.4 | 140.8 | 137.2 | | | | | | | | | | | | | | | 12 |
| 13 | 155.1 | 147.2 | 140 | 140 | 135.5 | 129.8 | 114.9 | | | | | | | | | | | | | | 13 |
| 14 | 147.1 | 140.7 | 138.7 | 133.7 | 128.7 | 123.2 | 114.5 | | | | | | | | | | | | | | 14 |
| 15 | 139.2 | 134.6 | 131.4 | 127.5 | 123.4 | 117.7 | 109.6 | 89.8 | | | | | | | | | | | | | 15 |
| 16 | 132.4 | 128.8 | 125.5 | 121.3 | 116.9 | 110.8 | 104.4 | 92.8 | | | | | | | | | | | | | 16 |
| 17 | 126.9 | 123.3 | 121.2 | 116.4 | 112.6 | 106.3 | 101.3 | 92.6 | | | | | | | | | | | | | 17 |
| 18 | 122.1 | 118.2 | 116.7 | 112 | 108.6 | 102.4 | 98.6 | 91.7 | | | | | | | | | | | | | 18 |
| 19 | 117.6 | 113.5 | 112.6 | 108 | 104.7 | 99.7 | 95.7 | 89.7 | 75.5 | | | | | | | | | | | | 19 |
| 20 | 113.3 | 109.1 | 108.6 | 104.3 | 101.7 | 96.9 | 92.8 | 87.9 | 75.3 | | | | | | | | | | | | 20 |
| 22 | 105.3 | 101.1 | 101.9 | 98.9 | 95.3 | 90.9 | 87.3 | 82.7 | 74.9 | 60.7 | | | | | | | | | | | 22 |
| 24 | 98 | 94 | 95.5 | 92.9 | 89.3 | 87.7 | 83.1 | 78.3 | 73.4 | 60.6 | 47.3 | | | | | | | | | | 24 |
| 26 | 90.9 | 87.8 | 89.5 | 88.3 | 85.3 | 83 | 78.6 | 74.2 | 70.4 | 60.3 | 48.9 | | | | | | | | | | 26 |
| 28 | 83.8 | 81.6 | 84 | 83.9 | 81.3 | 78.4 | 74.6 | 70.5 | 67.5 | 60 | 48.8 | 39.1 | | | | | | | | | 28 |
| 30 | 76.1 | 75.4 | 77.9 | 79.2 | 77 | 74.3 | 71 | 67 | 65.1 | 59.5 | 48.7 | 39.1 | 30.9 | | | | | | | | 30 |
| 32 | 66 | 66 | 72.5 | 73.8 | 73 | 70.5 | 67.7 | 63.8 | 62.1 | 58.3 | 48.5 | 39 | 30.9 | 26.7 | 23.2 | | | | | | 32 |
| 34 | | | 67.6 | 69 | 69.2 | 67.2 | 64.5 | 61.6 | 59.3 | 56.1 | 48.2 | 38.9 | 30.9 | 26.6 | 23.1 | 24.8 | 23 | | | | 34 |
| 36 | | | 63.3 | 64.6 | 64.9 | 63.9 | 61.5 | 59.6 | 56.8 | 53.8 | 47.9 | 38.8 | 30.9 | 26.3 | 23 | 24.8 | 23 | 20.3 | 19.8 | | 36 |
| 38 | | | 59.4 | 60.7 | 61.1 | 60.7 | 58.7 | 57.7 | 54.4 | 52 | 47.3 | 38.5 | 30.7 | 26.1 | 22.8 | 24.7 | 22.9 | 20.2 | 19.7 | | 38 |
| 40 | | | 55.6 | 57 | 57.4 | 57 | 55.9 | 55.1 | 52.5 | 49.9 | 46.4 | 38.2 | 30.6 | 25.8 | 22.6 | 24.6 | 22.8 | 20.1 | 19.6 | | 40 |
| 45 | | | 46.6 | 49 | 49.3 | 49.1 | 49.4 | 48.7 | 46.8 | 44.7 | 42.1 | 37.2 | 30.1 | 24.9 | 22.2 | 24.3 | 22.6 | 19.9 | 19.4 | | 45 |
| 50 | | | | 42.6 | 42.9 | 43 | 43.5 | 42.8 | 41.1 | 39.7 | 38.1 | 35.7 | 29.5 | 23.9 | 21.6 | 23.9 | 22.3 | 19.6 | 19.1 | | 50 |
| 55 | | | | 37.4 | 37.7 | 38.8 | 38.3 | 37.5 | 37 | 35.5 | 34.1 | 32.4 | 28.6 | 22.9 | 21 | 23.5 | 21.9 | 19.2 | 18.7 | | 55 |
| 60 | | | | 27.7 | 33.4 | 34.4 | 34 | 33.2 | 33 | 32.2 | 30.7 | 29.4 | 27.7 | 21.9 | 20.3 | 22.9 | 21.4 | 18.7 | 18 | | 60 |
| 65 | | | | | 30.5 | 30.8 | 30.3 | 29.6 | 30.2 | 28.9 | 28.1 | 26.8 | 25.1 | 20.9 | 19.5 | 22.3 | 20.9 | 18.2 | 17.4 | | 65 |
| 70 | | | | | 27.7 | 27.7 | 27.2 | 26.6 | 26.9 | 26.6 | 25.4 | 24 | 22.7 | 19.8 | 18.8 | 21.3 | 20.3 | 17.7 | 16.7 | | 70 |
| 75 | | | | | | 24.9 | 24.4 | 24.7 | 24 | 23.7 | 22.8 | 22.1 | 21.3 | 18.7 | 18 | 19.7 | 19.5 | 17.1 | 16.1 | | 75 |
| 80 | | | | | | 22.5 | 21.9 | 22.4 | 21.7 | 21.2 | 20.9 | 20.3 | 19.3 | 17.1 | 17.2 | 17.8 | 17.7 | 16.5 | 15.4 | | 80 |
| 85 | | | | | | 20.4 | 19.9 | 20.2 | 19.5 | 19 | 19 | 18.1 | 17.4 | 15.4 | 16.4 | 16.1 | 16.1 | 15.6 | 14.7 | | 85 |
| 90 | | | | | | | 18.7 | 18.3 | 18.1 | 17.5 | 17 | 16.2 | 15.5 | 13.7 | 15.5 | 14.5 | 14.5 | 14.2 | 13.9 | | 90 |
| 95 | | | | | | | 17.2 | 16.6 | 16.6 | 15.9 | 15.3 | 14.5 | 13.9 | 12.1 | 13.9 | 12.9 | 13 | 12.9 | 12.7 | | 95 |
| 100 | | | | | | | 14 | 15.1 | 15.1 | 14.4 | 13.8 | 13 | 12.4 | 10.6 | 12.4 | 11.4 | 11.5 | 11.5 | 11.3 | | 100 |
| 105 | | | | | | | | 13.8 | 13.7 | 13 | 12.5 | 11.7 | 11.1 | 9.4 | 11.1 | 10.1 | 10.2 | 10.2 | 10 | | 105 |
| 110 | | | | | | | | 12.7 | 12.5 | 11.8 | 11.3 | 10.5 | 9.9 | 8.4 | 9.9 | 9 | 9.2 | 9.1 | 9 | | 110 |
| 115 | | | | | | | | | 11.4 | 10.7 | 10.2 | 9.4 | 8.9 | 7.5 | 8.9 | 8.2 | 8.3 | 8.2 | 8.1 | | 115 |
| 120 | | | | | | | | | 10.5 | 9.8 | 9.3 | 8.6 | 8.1 | 6.7 | 8.1 | 7.4 | 7.5 | 7.4 | 7.3 | | 120 |
| 125 | | | | | | | | | 9.6 | 9 | 8.6 | 7.9 | 7.4 | 6 | 7.4 | 6.6 | 6.8 | 6.7 | 6.6 | | 125 |
| 130 | | | | | | | | | | 8.3 | 7.9 | 7.2 | 6.7 | 5.3 | 6.7 | 6 | 6.1 | 6 | 5.9 | | 130 |
| 135 | | | | | | | | | | 7.8 | 7.3 | 6.6 | 6.1 | 4.7 | 6.1 | 5.3 | 5.5 | 5.4 | 5.3 | | 135 |
| 140 | | | | | | | | | | 6.8 | 6.7 | 6 | 5.5 | 4 | 5.6 | 4.8 | 4.9 | 4.8 | 4.7 | | 140 |
| 145 | | | | | | | | | | | 6.2 | 5.5 | 5 | 3.4 | 5 | 4.3 | 4.4 | 4.3 | 4.2 | | 145 |
| 150 | | | | | | | | | | | 5.8 | 5.1 | 4.5 | 2.8 | 4.6 | 3.7 | 3.8 | 3.8 | 3.7 | | 150 |
| 155 | | | | | | | | | | | | 4.6 | 4 | 2.3 | 4.1 | 3.1 | 3.3 | 3.3 | 3.1 | | 155 |
| 160 | | | | | | | | | | | | | 4.1 | 3.5 | 1.8 | 3.6 | 2.6 | 2.8 | 2.8 | 2.6 | 160 |
| 165 | | | | | | | | | | | | | | 3.7 | 3 | | 3.1 | 2.1 | 2.3 | 2.3 | 165 |
| 170 | | | | | | | | | | | | | | | | | | | | | 170 |
| 175 | | | | | | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | | | | | | | | | | | | | | | | | 180 |

*± 0° over rear - en arriere

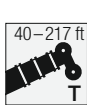


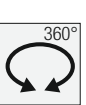
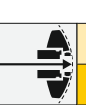
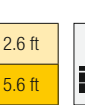
Lifting heights Hauteurs de levage

T



Lifting capacities Forces de levage

TNZK

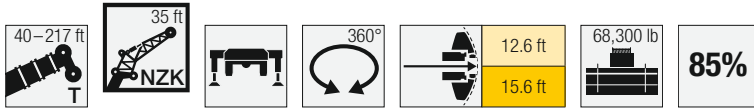







Preliminary
Préliminaire

| ↙ | 40 ft | | | 121 ft | | | 135 ft | | | 148 ft | | | 162 ft | | | 176 ft | | | ↘ |
|-----|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 15 | 32.5 | 32.5 | | | | | | | | | | | | | | | | | 15 |
| 16 | 32.5 | 32.5 | | | | | | | | | | | | | | | | | 16 |
| 17 | 32.5 | 32.4 | | | | | | | | | | | | | | | | | 17 |
| 18 | 32.5 | 32.1 | | | | | | | | | | | | | | | | | 18 |
| 19 | 32.5 | 31.5 | | | | | | | | | | | | | | | | | 19 |
| 20 | 32.5 | 30.7 | | | | | | | | | | | | | | | | | 20 |
| 22 | 32.3 | 29.2 | | 32.5 | | | | | | | | | | | | | | | 22 |
| 24 | 31.3 | 27.8 | 21.6 | 32.5 | | | | | | | | | | | | | | | 24 |
| 26 | 29.6 | 26.6 | 20.9 | 32.5 | | | 32.5 | | | | | | | | | | | | 26 |
| 28 | 28 | 25.4 | 20.2 | 32.5 | | | 32.5 | | | | | | | | | | | | 28 |
| 30 | 26.4 | 24.4 | 19.6 | 32.5 | 32.5 | | 32.5 | | | 32.4 | | | | | | | | | 30 |
| 32 | 24.8 | 23.4 | 19 | 32.5 | 32.3 | | 32.5 | | | 32.3 | | | | | | | | | 32 |
| 34 | 23.4 | 22.5 | 18.6 | 32.5 | 32 | | 32.5 | 30.7 | | 32.1 | | | | | | | | | 34 |
| 36 | 22.2 | 21.7 | 18.1 | 32.5 | 31.4 | | 32.5 | 30.3 | | 32 | 28.4 | | | 27.3 | | | | | 36 |
| 38 | 21 | 20.9 | 17.7 | 32.5 | 30.7 | 21.3 | 32.5 | 29.9 | | 31.8 | 28.1 | | | 27.1 | | | 22.1 | | 38 |
| 40 | 20 | 20.2 | 17.3 | 32.5 | 30 | 21 | 32.5 | 29.5 | 21.1 | 31.5 | 27.8 | | | 26.9 | 24.9 | | 22 | | 40 |
| 45 | 17.7 | 18.7 | 16.5 | 32.5 | 28.3 | 20.3 | 32.5 | 28.4 | 20.4 | 30.9 | 26.9 | 20.4 | | 26.6 | 24.4 | | 21.9 | 20.2 | 45 |
| 50 | 15.9 | 17.5 | 16 | 32.5 | 26.7 | 19.6 | 32.4 | 27.1 | 19.7 | 30.2 | 26.2 | 19.7 | | 26.2 | 23.9 | 19.5 | 21.5 | 20 | 50 |
| 55 | 14.3 | 16.5 | 15.7 | 31.8 | 25.4 | 19 | 31.4 | 25.8 | 19.2 | 29.5 | 25.4 | 19.2 | | 25.8 | 23.4 | 19 | 21 | 19.8 | 18.5 |
| 60 | 13.1 | 14.8 | 15.3 | 30.1 | 24.2 | 18.5 | 28.9 | 24.6 | 18.7 | 27.2 | 24.6 | 18.7 | | 25.2 | 22.9 | 18.5 | 20.5 | 19.6 | 18.1 |
| 65 | 12.1 | 13 | 8.8 | 27.4 | 23.1 | 18 | 25.8 | 23.5 | 18.2 | 24.9 | 23.6 | 18.2 | | 23 | 22.5 | 18.1 | 20.1 | 19.3 | 17.7 |
| 70 | | | | 24.7 | 22.1 | 17.6 | 23.1 | 22.6 | 17.7 | 22.2 | 22.5 | 17.8 | | 21 | 22 | 17.7 | 19.2 | 19.2 | 17.4 |
| 75 | | | | 22 | 21.2 | 17.2 | 20.7 | 21.7 | 17.4 | 19.9 | 21.1 | 17.5 | | 19.4 | 19.9 | 17.3 | 17.7 | 18.9 | 17.1 |
| 80 | | | | 19.5 | 20.4 | 16.8 | 18.5 | 19.8 | 17 | 17.9 | 19.3 | 17.1 | | 17.4 | 18.5 | 17.1 | 16.4 | 17.2 | 16.8 |
| 85 | | | | 17.3 | 18.5 | 16.5 | 16.3 | 17.6 | 16.7 | 15.9 | 17.3 | 16.7 | | 15.7 | 16.9 | 16.6 | 15.3 | 15.5 | 16.1 |
| 90 | | | | 15.4 | 16.5 | 16.3 | 14.4 | 15.6 | 16.1 | 14 | 15.3 | 16.2 | | 14 | 15.2 | 16.2 | 13.9 | 14.6 | 15 |
| 95 | | | | 13.8 | 14.7 | 15.4 | 12.7 | 13.8 | 14.6 | 12.4 | 13.5 | 14.3 | | 12.5 | 13.4 | 14.3 | 12.4 | 13.6 | 14 |
| 100 | | | | 12.3 | 13.1 | 13.7 | 11.4 | 12.2 | 12.9 | 11.7 | 11.9 | 12.7 | | 11.9 | 11.9 | 12.7 | 11.7 | 12 | 12.8 |
| 105 | | | | 10.9 | 11.7 | 12.2 | 10.8 | 10.8 | 11.4 | 11.1 | 10.8 | 11.2 | | 11.3 | 11.1 | 11.2 | 10.8 | 11.1 | 11.4 |
| 110 | | | | 9.7 | 10.4 | 10.8 | 10.2 | 10.1 | 10.1 | 10.5 | 10.4 | 10.4 | | 10.5 | 10.6 | 10.6 | 9.6 | 10.3 | 10.6 |
| 115 | | | | 8.9 | 9.3 | 9.6 | 9.7 | 9.6 | 9.7 | 9.9 | 9.9 | 9.9 | | 9.4 | 9.9 | 10.2 | 8.7 | 9.4 | 9.9 |
| 120 | | | | 8.5 | 8.6 | 8.7 | 9.2 | 9.2 | 9.3 | 9.1 | 9.4 | 9.5 | | 8.6 | 9.1 | 9.5 | 7.9 | 8.5 | 8.9 |
| 125 | | | | 8.1 | 8.2 | 8.3 | 8.8 | 8.8 | 8.9 | 8.4 | 8.8 | 9 | | 7.9 | 8.4 | 8.7 | 7.2 | 7.7 | 8.1 |
| 130 | | | | 7.7 | 7.8 | 7.9 | 8.3 | 8.5 | 8.6 | 7.7 | 8.1 | 8.4 | | 7.2 | 7.7 | 8 | 6.6 | 7 | 7.4 |
| 135 | | | | 7.4 | 7.5 | 7.6 | 7.7 | 8 | 8.1 | 7.1 | 7.5 | 7.7 | | 6.6 | 7 | 7.3 | 5.9 | 6.4 | 6.7 |
| 140 | | | | 7.1 | 7.2 | 7.2 | 7.1 | 7.4 | 7.5 | 6.6 | 6.9 | 7.1 | | 6.1 | 6.4 | 6.7 | 5.4 | 5.8 | 6.1 |
| 145 | | | | 6.8 | | | 6.6 | 6.8 | 6.9 | 6 | 6.3 | 6.5 | | 5.5 | 5.9 | 6.1 | 4.8 | 5.3 | 5.5 |
| 150 | | | | | | | 6.2 | 6.3 | 6.3 | 5.6 | 5.8 | 5.9 | | 5 | 5.4 | 5.5 | 4.4 | 4.7 | 5 |
| 155 | | | | | | | 5.7 | 5.9 | 5.8 | 5.1 | 5.3 | 5.4 | | 4.6 | 4.9 | 5 | 3.9 | 4.3 | 4.5 |
| 160 | | | | | | | 5.3 | | | 4.7 | 4.9 | 4.9 | | 4.1 | 4.4 | 4.5 | 3.3 | 3.8 | 4 |
| 165 | | | | | | | | | | 4.2 | 4.4 | 4.4 | | 3.6 | 3.9 | 4 | 2.9 | 3.2 | 3.4 |
| 170 | | | | | | | | | | 3.8 | 3.9 | 3.8 | | 3.2 | 3.5 | 3.5 | 2.4 | 2.8 | 2.9 |
| 175 | | | | | | | | | | 3 | | | | 2.8 | | | 2 | | |
| 180 | | | | | | | | | | | | | | 2.4 | | | | | |
| 185 | | | | | | | | | | | | | | 2.1 | | | | | |

Lifting capacities Forces de levage

TNZK

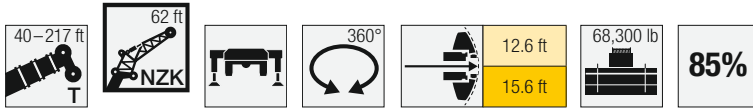


Preliminary
Préliminaire

| ↙ | 189 ft | | | 201 ft | | | 202 ft | | | 214 ft | | | 217 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° | |
| 34 | 14.9 | | | | | | | | | | | | | | | 34 |
| 36 | 17.6 | | | | | | | | | | | | | | | 36 |
| 38 | 17.6 | | | 12.1 | | | 13 | | | | | | | | | 38 |
| 40 | 17.6 | | | 12.1 | | | 13 | | | 10.6 | | | | | | 40 |
| 45 | 17.5 | | | 12 | | | 13 | | | 10.6 | | | 10.3 | | | 45 |
| 50 | 17.3 | 16.1 | | 11.9 | 11.9 | | 12.9 | 13 | | 10.5 | | | 10.2 | | | 50 |
| 55 | 16.9 | 15.9 | | 11.7 | 11.7 | | 12.9 | 12.7 | | 10.4 | 10.4 | | 10.1 | 10.2 | | 55 |
| 60 | 16.4 | 15.8 | 15.2 | 11.5 | 11.5 | 11.6 | 12.8 | 12.5 | 12.3 | 10.2 | 10.3 | | 10 | 10 | | 60 |
| 65 | 16.1 | 15.7 | 15.2 | 11.3 | 11.2 | 11.3 | 12.6 | 12.4 | 12.3 | 10.1 | 10.1 | 10.2 | 9.9 | 9.9 | 9.8 | 65 |
| 70 | 15.8 | 15.5 | 15.2 | 11 | 10.9 | 11.1 | 12.4 | 12.2 | 12.1 | 9.9 | 10 | 10 | 9.7 | 9.7 | 9.8 | 70 |
| 75 | 15.6 | 15.3 | 15.2 | 10.7 | 10.7 | 10.8 | 12.2 | 12 | 12.1 | 9.7 | 9.7 | 9.9 | 9.6 | 9.6 | 9.7 | 75 |
| 80 | 14.9 | 15.2 | 15 | 10.4 | 10.3 | 10.5 | 11.9 | 11.7 | 11.8 | 9.6 | 9.5 | 9.7 | 9.4 | 9.4 | 9.5 | 80 |
| 85 | 13.9 | 14.7 | 14.5 | 10.1 | 10 | 10.1 | 11.7 | 11.4 | 11.4 | 9.4 | 9.4 | 9.5 | 9.2 | 9.2 | 9.3 | 85 |
| 90 | 12.5 | 13.6 | 14 | 9.8 | 9.7 | 9.8 | 11.3 | 11.1 | 11.1 | 9.2 | 9.1 | 9.3 | 9 | 9 | 9.1 | 90 |
| 95 | 11.6 | 12.3 | 13.3 | 9.5 | 9.4 | 9.5 | 11 | 10.8 | 10.8 | 9 | 8.9 | 9 | 8.8 | 8.8 | 8.9 | 95 |
| 100 | 11.1 | 11.1 | 12 | 9.2 | 9.2 | 9.2 | 10.3 | 10.4 | 10.4 | 8.8 | 8.7 | 8.8 | 8.6 | 8.6 | 8.7 | 100 |
| 105 | 10.1 | 10.5 | 10.6 | 9 | 8.9 | 9 | 9.3 | 10 | 10.1 | 8.5 | 8.5 | 8.6 | 8.2 | 8.4 | 8.5 | 105 |
| 110 | 9.1 | 9.8 | 10 | 8.7 | 8.7 | 8.7 | 8.3 | 9.2 | 9.5 | 8 | 8.3 | 8.4 | 7.7 | 8.2 | 8.4 | 110 |
| 115 | 8.2 | 8.9 | 9.5 | 8.1 | 8.4 | 8.5 | 7.5 | 8.2 | 8.8 | 7.2 | 7.8 | 8.2 | 7 | 7.7 | 8.1 | 115 |
| 120 | 7.4 | 8.1 | 8.6 | 7.4 | 8 | 8.2 | 6.6 | 7.4 | 7.9 | 6.4 | 7.2 | 7.8 | 6.2 | 7 | 7.7 | 120 |
| 125 | 6.7 | 7.3 | 7.8 | 6.6 | 7.3 | 7.7 | 5.9 | 6.6 | 7.1 | 5.6 | 6.4 | 7 | 5.5 | 6.3 | 6.9 | 125 |
| 130 | 6.1 | 6.6 | 7 | 6 | 6.6 | 7 | 5.2 | 5.9 | 6.4 | 5 | 5.7 | 6.3 | 4.8 | 5.5 | 6.1 | 130 |
| 135 | 5.5 | 6 | 6.4 | 5.4 | 5.9 | 6.3 | 4.6 | 5.2 | 5.7 | 4.4 | 5 | 5.6 | 4.2 | 4.9 | 5.4 | 135 |
| 140 | 4.9 | 5.4 | 5.7 | 4.8 | 5.3 | 5.7 | 4 | 4.6 | 5.1 | 3.8 | 4.4 | 4.9 | 3.6 | 4.3 | 4.8 | 140 |
| 145 | 4.4 | 4.8 | 5.1 | 4.3 | 4.8 | 5.1 | 3.4 | 4 | 4.4 | 3.2 | 3.9 | 4.3 | 3.1 | 3.7 | 4.2 | 145 |
| 150 | 3.9 | 4.3 | 4.6 | 3.7 | 4.3 | 4.6 | 2.9 | 3.5 | 3.9 | 2.7 | 3.3 | 3.7 | 2.5 | 3.1 | 3.6 | 150 |
| 155 | 3.3 | 3.8 | 4.1 | 3.3 | 3.8 | 4.1 | 2.3 | 2.9 | 3.3 | 2.2 | 2.8 | 3.2 | 2.1 | 2.6 | 3 | 155 |
| 160 | 2.8 | 3.3 | 3.5 | 2.8 | 3.3 | 3.6 | 1.9 | 2.4 | 2.8 | | 2.3 | 2.7 | | 2.1 | 2.5 | 160 |
| 165 | 2.3 | 2.8 | 3 | 2.3 | 2.8 | 3 | | 1.9 | 2.2 | | 1.8 | 2.2 | | | 2 | 165 |
| 170 | 1.9 | 2.3 | 2.5 | 1.9 | 2.3 | 2.5 | | | | | | | | | | 170 |
| 175 | | 1.8 | 2 | | 1.8 | 2.1 | | | | | | | | | | 175 |

Lifting capacities Forces de levage

TNZK

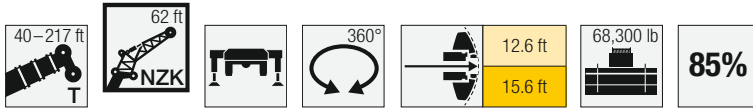


Preliminary
Préliminaire

| ↙ | 40 ft | | | 121 ft | | | 162 ft | | | 148 ft | | | 162 ft | | | ↘ |
|-----|-------|------|-----|--------|------|-----|--------|------|-----|--------|-----|-----|--------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 11 | 15.6 | | | | | | | | | | | | | | | 11 |
| 12 | 15.5 | | | | | | | | | | | | | | | 12 |
| 13 | 15.4 | | | | | | | | | | | | | | | 13 |
| 14 | 15.3 | | | | | | | | | | | | | | | 14 |
| 15 | 15.1 | | | | | | | | | | | | | | | 15 |
| 16 | 15 | | | | | | | | | | | | | | | 16 |
| 17 | 14.8 | | | | | | | | | | | | | | | 17 |
| 18 | 14.6 | | | | | | | | | | | | | | | 18 |
| 19 | 14.4 | | | | | | | | | | | | | | | 19 |
| 20 | 14.2 | | | | | | | | | | | | | | | 20 |
| 22 | 13.8 | | | | | | | | | | | | | | | 22 |
| 24 | 13.4 | | | | | | | | | | | | | | | 24 |
| 26 | 13 | | | 15.5 | | | | | | | | | | | | 26 |
| 28 | 12.6 | 10.6 | | 15.5 | | | | | | | | | | | | 28 |
| 30 | 12.2 | 10.2 | | 15.3 | | | 14.7 | | | | | | | | | 30 |
| 32 | 11.8 | 9.9 | | 15.2 | | | 14.6 | | | | | | | | | 32 |
| 34 | 11.4 | 9.7 | | 15 | | | 14.5 | | | 13.7 | | | | | | 34 |
| 36 | 11.1 | 9.4 | | 14.8 | | | 14.3 | | | 13.6 | | | 12.4 | | | 36 |
| 38 | 10.7 | 9.2 | | 14.6 | | | 14.2 | | | 13.5 | | | 12.4 | | | 38 |
| 40 | 10.4 | 9 | | 14.3 | | | 14 | | | 13.4 | | | 12.3 | | | 40 |
| 45 | 9.7 | 8.6 | 7.7 | 13.8 | 10.2 | | 13.6 | 10.2 | | 13.1 | | | 12.2 | | | 45 |
| 50 | 9.2 | 8.2 | 7.4 | 13.2 | 9.8 | | 13.1 | 9.8 | | 12.7 | 9.7 | | 11.9 | | | 50 |
| 55 | 8.7 | 7.9 | 7.2 | 12.6 | 9.4 | | 12.6 | 9.5 | | 12.3 | 9.4 | | 11.6 | 9.3 | | 55 |
| 60 | 8.1 | 7.6 | 7 | 12.1 | 9.2 | 7.6 | 12.1 | 9.2 | 7.6 | 11.9 | 9.2 | | 11.4 | 9.1 | | 60 |
| 65 | 7.6 | 7.4 | 6.9 | 11.6 | 8.9 | 7.5 | 11.7 | 9 | 7.5 | 11.5 | 9 | 7.5 | 11.1 | 8.8 | | 65 |
| 70 | 7.1 | 7.2 | 6.8 | 11.1 | 8.7 | 7.4 | 11.2 | 8.7 | 7.4 | 11.1 | 8.8 | 7.4 | 10.8 | 8.7 | 7.3 | 70 |
| 75 | 6.6 | 7 | 6.8 | 10.6 | 8.5 | 7.3 | 10.8 | 8.5 | 7.3 | 10.8 | 8.6 | 7.3 | 10.4 | 8.5 | 7.3 | 75 |
| 80 | 6.2 | 6.9 | 6.8 | 10.2 | 8.3 | 7.2 | 10.3 | 8.3 | 7.2 | 10.4 | 8.4 | 7.2 | 10.1 | 8.3 | 7.2 | 80 |
| 85 | 5.8 | 6.9 | 6.8 | 9.8 | 8.1 | 7.1 | 10 | 8.2 | 7.1 | 10 | 8.2 | 7.1 | 9.8 | 8.1 | 7.1 | 85 |
| 90 | 5.5 | 6.8 | 6.8 | 9.4 | 7.9 | 7 | 9.7 | 8 | 7.1 | 9.7 | 8.1 | 7 | 9.6 | 8 | 7 | 90 |
| 95 | 5.2 | | | 9.1 | 7.8 | 7 | 9.4 | 7.8 | 7 | 9.5 | 7.9 | 7 | 9.3 | 7.9 | 7 | 95 |
| 100 | | | | 8.9 | 7.6 | 6.9 | 9.1 | 7.7 | 6.9 | 9.2 | 7.8 | 6.9 | 9.1 | 7.7 | 6.9 | 100 |
| 105 | | | | 8.6 | 7.5 | 6.9 | 8.8 | 7.6 | 6.9 | 9 | 7.6 | 6.9 | 8.9 | 7.6 | 6.9 | 105 |
| 110 | | | | 8.3 | 7.4 | 6.8 | 8.6 | 7.5 | 6.8 | 8.7 | 7.5 | 6.8 | 8.6 | 7.5 | 6.8 | 110 |
| 115 | | | | 8 | 7.3 | 6.8 | 8.3 | 7.4 | 6.8 | 8.4 | 7.4 | 6.8 | 8.2 | 7.4 | 6.8 | 115 |
| 120 | | | | 7.7 | 7.2 | 6.8 | 8.1 | 7.3 | 6.8 | 7.8 | 7.3 | 6.8 | 7.8 | 7.3 | 6.8 | 120 |
| 125 | | | | 7.4 | 7.1 | 6.8 | 7.4 | 7.2 | 6.8 | 7.4 | 7.2 | 6.8 | 7.6 | 7.2 | 6.7 | 125 |
| 130 | | | | 7.1 | 7 | 6.8 | 7 | 7.1 | 6.8 | 7.2 | 7.1 | 6.7 | 7.4 | 7 | 6.7 | 130 |
| 135 | | | | 6.8 | 6.9 | 6.8 | 6.8 | 6.9 | 6.8 | 7 | 6.9 | 6.7 | 7 | 6.9 | 6.7 | 135 |
| 140 | | | | 6.3 | 6.9 | 6.8 | 6.6 | 6.7 | 6.8 | 6.8 | 6.8 | 6.7 | 6.6 | 6.8 | 6.7 | 140 |
| 145 | | | | 6.1 | 6.4 | 6.6 | 6.4 | 6.5 | 6.6 | 6.5 | 6.6 | 6.7 | 6 | 6.7 | 6.7 | 145 |
| 150 | | | | 5.9 | 6 | 6.1 | 6.2 | 6.3 | 6.5 | 6 | 6.4 | 6.6 | 5.6 | 6.2 | 6.5 | 150 |
| 155 | | | | 5.6 | 5.7 | 5.9 | 6 | 6.1 | 6.2 | 5.6 | 6.1 | 6.3 | 5.1 | 5.7 | 6.1 | 155 |
| 160 | | | | 5.4 | 5.5 | 5.6 | 5.7 | 5.9 | 6.1 | 5.2 | 5.7 | 6 | 4.7 | 5.2 | 5.6 | 160 |
| 165 | | | | 5.2 | 5.3 | 5.4 | 5.3 | 5.7 | 5.8 | 4.8 | 5.2 | 5.5 | 4.3 | 4.8 | 5.1 | 165 |
| 170 | | | | 5 | 5.1 | | 5 | 5.3 | 5.3 | 4.4 | 4.8 | 5 | 3.9 | 4.4 | 4.7 | 170 |
| 175 | | | | 4.2 | | | 4.6 | 4.9 | 4.9 | 4 | 4.4 | 4.6 | 3.4 | 4 | 4.2 | 175 |
| 180 | | | | | | | 4.3 | 4.5 | | 3.6 | 4 | 4.1 | 3 | 3.6 | 3.8 | 180 |
| 185 | | | | | | | 3.9 | | | 3.2 | 3.6 | 3.6 | 2.7 | 3.1 | 3.3 | 185 |
| 190 | | | | | | | | | | 2.9 | 3.2 | 3.1 | 2.3 | 2.7 | | 190 |
| 195 | | | | | | | | | | 2.6 | 2.8 | | 2 | 2.3 | | 195 |
| 200 | | | | | | | | | | 2.3 | | | | 2 | | 200 |

Lifting capacities Forces de levage

TNZK

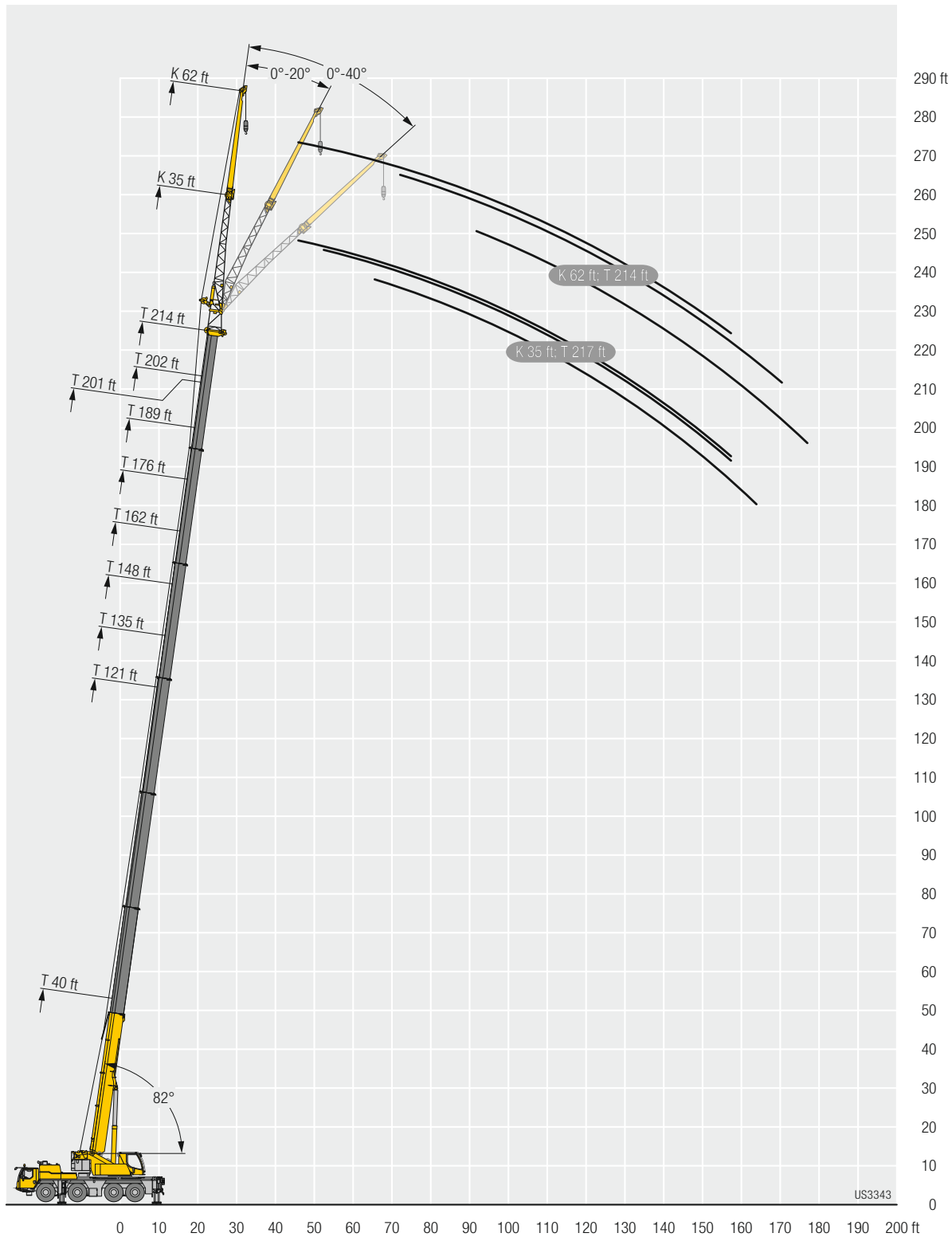


Preliminary
Préliminaire

| 40-217 ft T | 176 ft 62 ft | | | 189 ft 62 ft | | | 201 ft 62 ft | | | 202 ft 62 ft | | | 214 ft 62 ft | | | 40-217 ft T |
|----------------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|----------------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 40 | 11 | | | 9.5 | | | | | | | | | | | | 40 |
| 45 | 10.9 | | | 9.5 | | | 7.8 | | | 8.2 | | | 6.6 | | | 45 |
| 50 | 10.8 | | | 9.4 | | | 7.8 | | | 8.2 | | | 6.6 | | | 50 |
| 55 | 10.6 | 9 | | 9.4 | | | 7.6 | | | 8.1 | | | 6.6 | | | 55 |
| 60 | 10.4 | 8.8 | | 9.3 | 8.5 | | 7.4 | | | 8 | | | 6.6 | | | 60 |
| 65 | 10.2 | 8.6 | | 9.2 | 8.3 | | 7.3 | 6.9 | | 7.8 | 7.3 | | 6.6 | | | 65 |
| 70 | 10 | 8.5 | | 9.1 | 8.2 | | 7.2 | 6.9 | | 7.7 | 7.2 | | 6.5 | 6.3 | | 70 |
| 75 | 9.8 | 8.3 | 7.2 | 9.1 | 8 | | 7 | 6.9 | | 7.6 | 7.2 | | 6.5 | 6.3 | | 75 |
| 80 | 9.6 | 8.2 | 7.1 | 8.9 | 7.9 | 7 | 6.9 | 6.9 | | 7.5 | 7.2 | | 6.4 | 6.2 | | 80 |
| 85 | 9.4 | 8 | 7 | 8.8 | 7.8 | 6.9 | 6.9 | 6.8 | 6.7 | 7.4 | 7.2 | 6.8 | 6.3 | 6.2 | | 85 |
| 90 | 9.2 | 7.9 | 7 | 8.7 | 7.7 | 6.9 | 6.8 | 6.8 | 6.7 | 7.3 | 7.1 | 6.7 | 6.2 | 6.2 | 6.2 | 90 |
| 95 | 9 | 7.8 | 6.9 | 8.6 | 7.6 | 6.8 | 6.8 | 6.7 | 6.6 | 7.2 | 7.1 | 6.7 | 6.1 | 6.2 | 6.2 | 95 |
| 100 | 8.9 | 7.6 | 6.9 | 8.5 | 7.5 | 6.8 | 6.7 | 6.7 | 6.6 | 7.1 | 7.1 | 6.6 | 6.1 | 6.2 | 6.2 | 100 |
| 105 | 8.7 | 7.5 | 6.8 | 8.3 | 7.4 | 6.8 | 6.6 | 6.7 | 6.6 | 7.1 | 7.1 | 6.6 | 6 | 6.1 | 6.2 | 105 |
| 110 | 8.3 | 7.4 | 6.8 | 8.2 | 7.3 | 6.7 | 6.6 | 6.7 | 6.5 | 7 | 7 | 6.6 | 6 | 6.1 | 6.2 | 110 |
| 115 | 8.1 | 7.3 | 6.8 | 7.7 | 7.2 | 6.7 | 6.5 | 6.6 | 6.5 | 7 | 7 | 6.5 | 6 | 6.1 | 6.2 | 115 |
| 120 | 7.7 | 7.2 | 6.7 | 7.5 | 7.1 | 6.6 | 6.5 | 6.5 | 6.5 | 6.6 | 6.9 | 6.5 | 5.9 | 6.1 | 6.2 | 120 |
| 125 | 7.6 | 7.1 | 6.7 | 7.1 | 7.1 | 6.6 | 6.4 | 6.5 | 6.5 | 6.1 | 6.9 | 6.5 | 5.7 | 6 | 6.2 | 125 |
| 130 | 7.1 | 7 | 6.7 | 6.5 | 6.9 | 6.6 | 6.1 | 6.4 | 6.4 | 5.4 | 6.5 | 6.5 | 5.1 | 6 | 6.2 | 130 |
| 135 | 6.5 | 6.9 | 6.7 | 5.9 | 6.8 | 6.6 | 5.6 | 6.2 | 6.3 | 4.8 | 6.1 | 6.5 | 4.5 | 5.6 | 6.1 | 135 |
| 140 | 5.9 | 6.7 | 6.6 | 5.3 | 6.2 | 6.5 | 5 | 6.1 | 6.2 | 4.2 | 5.4 | 6.3 | 3.9 | 5.2 | 5.9 | 140 |
| 145 | 5.4 | 6.2 | 6.6 | 4.7 | 5.7 | 6.3 | 4.5 | 5.5 | 6 | 3.7 | 4.8 | 5.7 | 3.4 | 4.6 | 5.5 | 145 |
| 150 | 4.9 | 5.7 | 6.2 | 4.2 | 5.1 | 5.7 | 4 | 5 | 5.6 | 3.2 | 4.2 | 5.1 | 2.9 | 4 | 4.9 | 150 |
| 155 | 4.4 | 5.2 | 5.7 | 3.7 | 4.6 | 5.2 | 3.5 | 4.4 | 5.1 | 2.7 | 3.7 | 4.5 | 2.5 | 3.5 | 4.3 | 155 |
| 160 | 4 | 4.7 | 5.1 | 3.3 | 4.1 | 4.7 | 3 | 3.9 | 4.6 | 2.2 | 3.2 | 4 | 2 | 3 | 3.8 | 160 |
| 165 | 3.6 | 4.2 | 4.7 | 2.9 | 3.7 | 4.2 | 2.6 | 3.5 | 4.1 | 1.8 | 2.8 | 3.4 | | 2.6 | 3.3 | 165 |
| 170 | 3.1 | 3.8 | 4.2 | 2.4 | 3.2 | 3.7 | 2.2 | 3 | 3.6 | | 2.3 | 3 | | 2.1 | 2.8 | 170 |
| 175 | 2.7 | 3.4 | 3.8 | 2 | 2.8 | 3.3 | 1.8 | 2.6 | 3.2 | | 1.9 | 2.5 | | | 2.3 | 175 |
| 180 | 2.3 | 2.9 | 3.3 | | 2.4 | 2.8 | | 2.2 | 2.7 | | | 2 | | | 1.9 | 180 |
| 185 | 1.9 | 2.5 | 2.8 | | 1.9 | 2.4 | | 1.8 | 2.3 | | | | | | | 185 |
| 190 | | 2.1 | 2.4 | | | 1.9 | | | 1.9 | | | | | | | 190 |

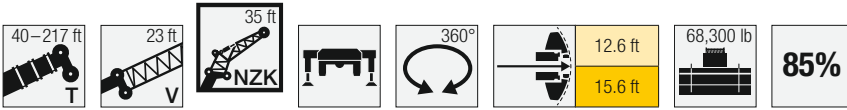
Lifting heights Hauteurs de levage

TNZK



Lifting capacities Forces de levage

TVNZK

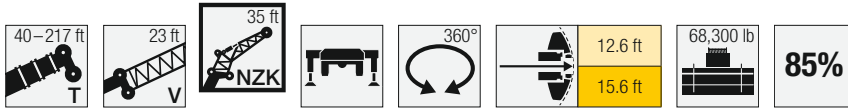


Preliminary
Préliminaire

| | 40 ft + 23 ft | | | 121 ft + 23 ft | | | 135 ft + 23 ft | | | 148 ft + 23 ft | | | 162 ft + 23 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° | |
| 10 | 28.9 | | | | | | | | | | | | | | | 10 |
| 11 | 28.6 | | | | | | | | | | | | | | | 11 |
| 12 | 28.2 | | | | | | | | | | | | | | | 12 |
| 13 | 27.9 | | | | | | | | | | | | | | | 13 |
| 14 | 27.5 | | | | | | | | | | | | | | | 14 |
| 15 | 27.1 | | | | | | | | | | | | | | | 15 |
| 16 | 26.6 | | | | | | | | | | | | | | | 16 |
| 17 | 26.2 | | | | | | | | | | | | | | | 17 |
| 18 | 25.7 | 24 | | | | | | | | | | | | | | 18 |
| 19 | 25.2 | 23.6 | | | | | | | | | | | | | | 19 |
| 20 | 24.8 | 23.2 | | | | | | | | | | | | | | 20 |
| 22 | 23.8 | 22.3 | | 29.2 | | | | | | | | | | | | 22 |
| 24 | 22.9 | 21.5 | | 28.8 | | | 26.3 | | | | | | | | | 24 |
| 26 | 22.1 | 20.7 | | 28.5 | | | 26.1 | | | | | | | | | 26 |
| 28 | 21.3 | 19.9 | 18.9 | 28.1 | | | 25.9 | | | 23 | | | 16.4 | | | 28 |
| 30 | 20.5 | 19.2 | 18.3 | 27.7 | | | 25.6 | | | 22.9 | | | 16.4 | | | 30 |
| 32 | 19.8 | 18.5 | 17.6 | 27.3 | | | 25.3 | | | 22.7 | | | 16.4 | | | 32 |
| 34 | 19.1 | 17.9 | 17.1 | 26.8 | 23.1 | | 24.9 | | | 22.4 | | | 16.4 | | | 34 |
| 36 | 18.4 | 17.3 | 16.5 | 26.3 | 22.6 | | 24.6 | | | 22.2 | | | 16.4 | | | 36 |
| 38 | 17.8 | 16.7 | 16 | 25.8 | 22.2 | | 24.2 | 21.3 | | 22 | | | 16.4 | | | 38 |
| 40 | 17.2 | 16.2 | 15.5 | 25.2 | 21.7 | | 23.8 | 20.9 | | 21.7 | 19.7 | | 16.4 | | | 40 |
| 45 | 15.8 | 15 | 14.5 | 24 | 20.6 | 18.2 | 22.8 | 20 | | 21.1 | 18.9 | | 16.4 | 16.3 | | 45 |
| 50 | 14.6 | 13.9 | 13.5 | 22.8 | 19.6 | 17.4 | 21.9 | 19.1 | 17.1 | 20.4 | 18.2 | 16.5 | 16.4 | 16 | | 50 |
| 55 | 13.4 | 12.9 | 12.7 | 21.6 | 18.7 | 16.7 | 21 | 18.3 | 16.4 | 19.7 | 17.6 | 15.9 | 16.3 | 15.5 | 14.6 | 55 |
| 60 | 12.4 | 12 | 11.8 | 20.6 | 17.8 | 16 | 20.1 | 17.5 | 15.9 | 19 | 16.9 | 15.4 | 16.2 | 15.1 | 14.2 | 60 |
| 65 | 11.5 | 11.2 | 11.1 | 19.6 | 17 | 15.4 | 19.2 | 16.8 | 15.3 | 18.3 | 16.3 | 14.9 | 15.9 | 14.7 | 13.8 | 65 |
| 70 | 10.7 | 10.5 | 10.5 | 18.6 | 16.3 | 14.8 | 18.4 | 16.2 | 14.8 | 17.6 | 15.7 | 14.4 | 15.5 | 14.3 | 13.4 | 70 |
| 75 | 10.1 | 9.9 | 10 | 17.8 | 15.6 | 14.3 | 17.6 | 15.6 | 14.3 | 17 | 15.2 | 14 | 15.1 | 13.9 | 13 | 75 |
| 80 | 9.5 | 9.4 | 9.7 | 17 | 15 | 13.9 | 16.9 | 15 | 13.8 | 16 | 14.6 | 13.6 | 14.7 | 13.5 | 12.7 | 80 |
| 85 | 9 | 9.1 | 9.3 | 16.2 | 14.4 | 13.4 | 16 | 14.4 | 13.4 | 15.2 | 14.1 | 13.2 | 13.9 | 13.1 | 12.4 | 85 |
| 90 | 8.5 | 8.6 | | 15.3 | 13.8 | 13 | 14.6 | 13.9 | 13 | 14 | 13.6 | 12.8 | 13.1 | 12.8 | 12.1 | 90 |
| 95 | | | | 13.9 | 13.3 | 12.5 | 12.9 | 13.3 | 12.5 | 12.5 | 12.8 | 12.4 | 12.3 | 12.1 | 11.8 | 95 |
| 100 | | | | 12.4 | 12.8 | 12.1 | 11.4 | 12.4 | 12.2 | 11 | 12 | 11.9 | 11 | 11.5 | 11.4 | 100 |
| 105 | | | | 11.1 | 11.9 | 11.7 | 10.1 | 11 | 11.7 | 9.7 | 10.6 | 11.3 | 9.7 | 10.6 | 10.9 | 105 |
| 110 | | | | 9.9 | 10.6 | 11.1 | 9 | 9.8 | 10.4 | 8.7 | 9.4 | 10.1 | 8.7 | 9.5 | 10.1 | 110 |
| 115 | | | | 8.9 | 9.5 | 10 | 8.1 | 8.8 | 9.2 | 7.8 | 8.5 | 9 | 7.9 | 8.6 | 9.1 | 115 |
| 120 | | | | 8.1 | 8.6 | 9 | 7.4 | 7.9 | 8.4 | 7.5 | 7.6 | 8.1 | 7.6 | 7.7 | 8.2 | 120 |
| 125 | | | | 7.4 | 7.9 | 8.2 | 7.1 | 7.1 | 7.5 | 7.2 | 7.2 | 7.3 | 7.4 | 7.3 | 7.4 | 125 |
| 130 | | | | 6.7 | 7.2 | 7.4 | 6.9 | 6.9 | 6.9 | 7 | 6.9 | 7 | 7 | 7.1 | 7.1 | 130 |
| 135 | | | | 6.2 | 6.5 | 6.7 | 6.6 | 6.6 | 6.7 | 6.7 | 6.7 | 6.8 | 6.5 | 6.8 | 6.9 | 135 |
| 140 | | | | 5.9 | 6 | 6.1 | 6.3 | 6.4 | 6.4 | 6.4 | 6.5 | 6.5 | 6 | 6.4 | 6.6 | 140 |
| 145 | | | | 5.6 | 5.7 | 5.8 | 6.1 | 6.1 | 6.2 | 5.9 | 6.2 | 6.3 | 5.4 | 5.8 | 6.1 | 145 |
| 150 | | | | 5.4 | 5.5 | 5.5 | 5.9 | 5.9 | 6 | 5.4 | 5.8 | 5.9 | 5 | 5.3 | 5.6 | 150 |
| 155 | | | | 5.1 | 5.2 | 5.3 | 5.6 | 5.7 | 5.7 | 5 | 5.3 | 5.4 | 4.5 | 4.8 | 5.1 | 155 |
| 160 | | | | 4.9 | 5 | | 5.1 | 5.3 | 5.4 | 4.6 | 4.8 | 5 | 4 | 4.4 | 4.6 | 160 |
| 165 | | | | 4.7 | 4.8 | | 4.7 | 4.9 | 5 | 4.1 | 4.4 | 4.5 | 3.6 | 3.9 | 4.1 | 165 |
| 170 | | | | 4.4 | | | 4.3 | 4.5 | | 3.7 | 4 | 4.1 | 3.1 | 3.5 | 3.6 | 170 |
| 175 | | | | | | | 3.9 | 4.1 | | 3.2 | 3.5 | 3.6 | 2.7 | 3 | 3.2 | 175 |
| 180 | | | | | | | 3.5 | | | 2.9 | 3.1 | | 2.3 | 2.6 | 2.7 | 180 |
| 185 | | | | | | | 2.3 | | | 2.5 | 2.7 | | 1.9 | 2.2 | 2.3 | 185 |
| 190 | | | | | | | | | | 2.2 | 2.3 | | | 1.8 | 1.8 | 190 |
| 195 | | | | | | | | | | 1.8 | | | | | | 195 |

Lifting capacities Forces de levage

TVNZK

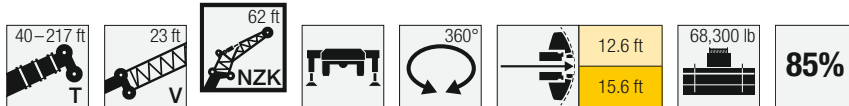


Preliminary
Préliminaire

| ↙ | 176 ft + 23 ft | | | 189 ft + 23 ft | | | 201 ft + 23 ft | | | 202 ft + 23 ft | | | 214 ft + 23 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 | 14.7 | | | | | | | | | | | | | | | 32 |
| 34 | 14.7 | | | | | | | | | | | | | | | 34 |
| 36 | 14.7 | | | 11.4 | | | | | | | | | | | | 36 |
| 38 | 14.7 | | | 11.4 | | | 8.4 | | | 9 | | | | | | 38 |
| 40 | 14.6 | | | 11.4 | | | 8.4 | | | 9 | | | | | | 40 |
| 45 | 14.5 | | | 11.4 | | | 8.4 | | | 9 | | | 7.4 | | | 45 |
| 50 | 14.2 | 13.7 | | 11.4 | 11.3 | | 8.4 | | | 9 | | | 7.4 | | | 50 |
| 55 | 14 | 13.5 | | 11.3 | 11.2 | | 8.3 | 8.3 | | 8.9 | 9 | | 7.4 | | | 55 |
| 60 | 13.8 | 13.2 | 12.7 | 11.3 | 11.1 | 9.4 | 8.2 | 8.2 | | 8.9 | 8.8 | | 7.4 | 7.5 | | 60 |
| 65 | 13.6 | 12.9 | 12.5 | 11.1 | 10.9 | 10.6 | 8.1 | 8.1 | 8 | 8.8 | 8.7 | 8.5 | 7.4 | 7.4 | | 65 |
| 70 | 13.3 | 12.6 | 12.2 | 10.9 | 10.7 | 10.5 | 8 | 8 | 8 | 8.8 | 8.7 | 8.4 | 7.3 | 7.3 | 7.2 | 70 |
| 75 | 13 | 12.4 | 11.9 | 10.7 | 10.5 | 10.4 | 7.9 | 7.9 | 7.9 | 8.7 | 8.6 | 8.4 | 7.2 | 7.2 | 7.1 | 75 |
| 80 | 12.7 | 12.1 | 11.7 | 10.5 | 10.4 | 10.2 | 7.7 | 7.7 | 7.8 | 8.5 | 8.4 | 8.4 | 7.1 | 7.1 | 7.1 | 80 |
| 85 | 12.5 | 11.8 | 11.4 | 10.3 | 10.1 | 10.1 | 7.6 | 7.6 | 7.6 | 8.4 | 8.3 | 8.3 | 7 | 7 | 7.1 | 85 |
| 90 | 12 | 11.5 | 11.2 | 10.1 | 9.9 | 9.8 | 7.4 | 7.4 | 7.5 | 8.3 | 8.2 | 8.2 | 6.9 | 6.9 | 7 | 90 |
| 95 | 11 | 11.3 | 11 | 9.8 | 9.6 | 9.6 | 7.2 | 7.3 | 7.3 | 8.1 | 8.1 | 8.1 | 6.7 | 6.8 | 6.9 | 95 |
| 100 | 10 | 10.7 | 10.7 | 9.4 | 9.4 | 9.3 | 7.1 | 7.1 | 7.2 | 7.9 | 7.9 | 7.9 | 6.6 | 6.6 | 6.7 | 100 |
| 105 | 9.5 | 9.8 | 10.4 | 8.6 | 9 | 9.1 | 6.9 | 6.9 | 7 | 7.8 | 7.7 | 7.7 | 6.5 | 6.5 | 6.6 | 105 |
| 110 | 8.7 | 9.2 | 9.4 | 7.9 | 8.6 | 8.9 | 6.7 | 6.7 | 6.8 | 7.4 | 7.5 | 7.5 | 6.3 | 6.4 | 6.4 | 110 |
| 115 | 7.9 | 8.6 | 8.8 | 7.7 | 7.7 | 8.3 | 6.5 | 6.5 | 6.6 | 6.8 | 7.3 | 7.4 | 6.1 | 6.2 | 6.3 | 115 |
| 120 | 7.5 | 7.8 | 8.3 | 7.1 | 7.4 | 7.6 | 6.4 | 6.4 | 6.4 | 6 | 6.8 | 7.2 | 5.6 | 6.1 | 6.2 | 120 |
| 125 | 7.2 | 7.2 | 7.5 | 6.5 | 7.1 | 7.2 | 6 | 6.2 | 6.3 | 5.3 | 6.1 | 6.8 | 5 | 5.7 | 6 | 125 |
| 130 | 6.5 | 6.9 | 7.1 | 5.8 | 6.5 | 6.8 | 5.4 | 6 | 6.1 | 4.7 | 5.4 | 6 | 4.4 | 5.1 | 5.7 | 130 |
| 135 | 5.9 | 6.4 | 6.7 | 5.2 | 5.8 | 6.2 | 4.8 | 5.5 | 5.8 | 4 | 4.8 | 5.3 | 3.8 | 4.5 | 5 | 135 |
| 140 | 5.3 | 5.8 | 6.1 | 4.5 | 5.2 | 5.6 | 4.3 | 4.9 | 5.4 | 3.5 | 4.1 | 4.7 | 3.2 | 3.9 | 4.4 | 140 |
| 145 | 4.8 | 5.2 | 5.6 | 4 | 4.6 | 5 | 3.7 | 4.3 | 4.8 | 2.9 | 3.6 | 4.1 | 2.7 | 3.3 | 3.8 | 145 |
| 150 | 4.3 | 4.7 | 5 | 3.5 | 4 | 4.4 | 3.2 | 3.8 | 4.2 | 2.4 | 3 | 3.5 | 2.2 | 2.8 | 3.3 | 150 |
| 155 | 3.8 | 4.2 | 4.5 | 3 | 3.5 | 3.9 | 2.7 | 3.3 | 3.7 | 1.9 | 2.5 | 3 | | 2.3 | 2.8 | 155 |
| 160 | 3.3 | 3.8 | 4 | 2.5 | 3 | 3.4 | 2.3 | 2.8 | 3.2 | | 2 | 2.4 | | 1.9 | 2.2 | 160 |
| 165 | 2.8 | 3.3 | 3.5 | 2.1 | 2.6 | 2.9 | 1.9 | 2.4 | 2.7 | | | 1.9 | | | 1.8 | 165 |
| 170 | 2.4 | 2.8 | 3 | | 2.1 | 2.4 | | 1.9 | 2.2 | | | | | | | 170 |
| 175 | 1.9 | 2.3 | 2.5 | | | 1.9 | | | 1.8 | | | | | | | 175 |
| 180 | | 1.9 | 2.1 | | | | | | | | | | | | | 180 |

Lifting capacities Forces de levage

TVNZK

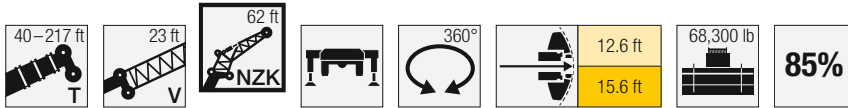


Preliminary
Préliminaire

| ↙ | 40 ft + 23 ft | | | 121 ft + 23 ft | | | 135 ft + 23 ft | | | 148 ft + 23 ft | | | 162 ft + 23 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° | |
| 15 | 13.5 | | | | | | | | | | | | | | | 15 |
| 16 | 13.4 | | | | | | | | | | | | | | | 16 |
| 17 | 13.4 | | | | | | | | | | | | | | | 17 |
| 18 | 13.3 | | | | | | | | | | | | | | | 18 |
| 19 | 13.2 | | | | | | | | | | | | | | | 19 |
| 20 | 13.1 | | | | | | | | | | | | | | | 20 |
| 22 | 13 | | | | | | | | | | | | | | | 22 |
| 24 | 12.8 | | | | | | | | | | | | | | | 24 |
| 26 | 12.6 | | | | | | | | | | | | | | | 26 |
| 28 | 12.3 | | | | | | | | | | | | | | | 28 |
| 30 | 12.1 | | | | | | | | | | | | | | | 30 |
| 32 | 11.9 | 10 | | 13.4 | | | | | | | | | | | | 32 |
| 34 | 11.6 | 9.8 | | 13.3 | | | | | | | | | | | | 34 |
| 36 | 11.4 | 9.6 | | 13.2 | | | 12.5 | | | | | | | | | 36 |
| 38 | 11.1 | 9.4 | | 13.1 | | | 12.4 | | | 11.5 | | | | | | 38 |
| 40 | 10.9 | 9.2 | | 13 | | | 12.3 | | | 11.5 | | | | | | 40 |
| 45 | 10.3 | 8.8 | | 12.7 | | | 12.2 | | | 11.4 | | | 10.2 | | | 45 |
| 50 | 9.8 | 8.5 | 7.5 | 12.4 | 9.7 | | 11.9 | 9.6 | | 11.2 | | | 10.1 | | | 50 |
| 55 | 9.3 | 8.2 | 7.3 | 12 | 9.4 | | 11.7 | 9.3 | | 11 | 9.2 | | 10 | | | 55 |
| 60 | 8.9 | 7.9 | 7.2 | 11.7 | 9.1 | | 11.4 | 9.1 | | 10.8 | 9 | | 9.9 | 8.8 | | 60 |
| 65 | 8.5 | 7.7 | 7 | 11.3 | 8.9 | 7.5 | 11.1 | 8.9 | 7.5 | 10.6 | 8.8 | | 9.8 | 8.6 | | 65 |
| 70 | 8.1 | 7.5 | 6.9 | 10.9 | 8.7 | 7.4 | 10.8 | 8.7 | 7.4 | 10.4 | 8.6 | 7.3 | 9.6 | 8.4 | | 70 |
| 75 | 7.6 | 7.3 | 6.8 | 10.5 | 8.5 | 7.3 | 10.5 | 8.5 | 7.3 | 10.1 | 8.5 | 7.2 | 9.4 | 8.3 | 7.2 | 75 |
| 80 | 7.3 | 7.1 | 6.8 | 10.2 | 8.3 | 7.2 | 10.1 | 8.3 | 7.2 | 9.9 | 8.3 | 7.2 | 9.2 | 8.1 | 7.1 | 80 |
| 85 | 6.9 | 6.8 | 6.7 | 9.8 | 8.2 | 7.1 | 9.8 | 8.2 | 7.1 | 9.6 | 8.1 | 7.1 | 9 | 8 | 7 | 85 |
| 90 | 6.6 | 6.5 | 6.6 | 9.6 | 8 | 7 | 9.6 | 8 | 7.1 | 9.4 | 8 | 7 | 8.8 | 7.9 | 7 | 90 |
| 95 | 6.3 | 6.3 | 6.4 | 9.3 | 7.9 | 7 | 9.3 | 7.9 | 7 | 9.1 | 7.9 | 7 | 8.6 | 7.8 | 6.9 | 95 |
| 100 | 6.1 | 6 | 6.2 | 9.1 | 7.7 | 6.9 | 9.1 | 7.8 | 6.9 | 8.9 | 7.8 | 6.9 | 8.4 | 7.7 | 6.9 | 100 |
| 105 | 5.8 | 5.8 | 6.1 | 8.8 | 7.6 | 6.9 | 8.8 | 7.7 | 6.9 | 8.7 | 7.6 | 6.9 | 8.2 | 7.5 | 6.8 | 105 |
| 110 | 5.5 | 5.7 | 6 | 8.5 | 7.5 | 6.8 | 8.6 | 7.5 | 6.8 | 8.4 | 7.5 | 6.8 | 8 | 7.4 | 6.8 | 110 |
| 115 | 5.2 | 5.6 | | 8.3 | 7.4 | 6.8 | 8.3 | 7.4 | 6.8 | 8.1 | 7.4 | 6.8 | 7.6 | 7.3 | 6.8 | 115 |
| 120 | | | | 8 | 7.2 | 6.8 | 7.9 | 7.3 | 6.8 | 7.6 | 7.3 | 6.8 | 7.3 | 7.1 | 6.7 | 120 |
| 125 | | | | 7.8 | 7.1 | 6.8 | 7.3 | 7.2 | 6.7 | 7 | 7.2 | 6.7 | 6.8 | 7 | 6.7 | 125 |
| 130 | | | | 7.4 | 7 | 6.7 | 6.7 | 7.1 | 6.7 | 6.3 | 7 | 6.7 | 6.1 | 6.7 | 6.6 | 130 |
| 135 | | | | 6.8 | 6.8 | 6.7 | 6.1 | 6.8 | 6.7 | 5.7 | 6.6 | 6.6 | 5.7 | 6.4 | 6.5 | 135 |
| 140 | | | | 6.2 | 6.7 | 6.6 | 5.5 | 6.4 | 6.6 | 5.5 | 6.1 | 6.5 | 5.5 | 5.9 | 6.3 | 140 |
| 145 | | | | 5.7 | 6.4 | 6.5 | 5.2 | 5.8 | 6.3 | 5.3 | 5.5 | 6.1 | 5.4 | 5.3 | 6 | 145 |
| 150 | | | | 5.2 | 5.9 | 6.2 | 5 | 5.2 | 5.7 | 5.1 | 5.1 | 5.5 | 5.2 | 5.2 | 5.5 | 150 |
| 155 | | | | 4.8 | 5.3 | 5.7 | 4.8 | 4.9 | 5.2 | 4.9 | 5 | 5 | 4.8 | 5 | 5.1 | 155 |
| 160 | | | | 4.4 | 4.9 | 5.2 | 4.7 | 4.7 | 4.8 | 4.8 | 4.8 | 4.9 | 4.4 | 4.9 | 4.9 | 160 |
| 165 | | | | 4.2 | 4.4 | 4.7 | 4.5 | 4.6 | 4.7 | 4.5 | 4.7 | 4.8 | 4 | 4.6 | 4.8 | 165 |
| 170 | | | | 4 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.1 | 4.5 | 4.6 | 3.6 | 4.2 | 4.5 | 170 |
| 175 | | | | 3.8 | 4 | 4.1 | 4.2 | 4.2 | 4.3 | 3.7 | 4.2 | 4.4 | 3.1 | 3.8 | 4.2 | 175 |
| 180 | | | | 3.7 | 3.8 | | 3.9 | 4.1 | 4.2 | 3.3 | 3.8 | 4.1 | 2.7 | 3.4 | 3.8 | 180 |
| 185 | | | | 3.5 | 3.6 | | 3.6 | 3.9 | 4 | 2.9 | 3.5 | 3.7 | 2.4 | 3 | 3.3 | 185 |
| 190 | | | | 3.4 | 3.4 | | 3.2 | 3.6 | | 2.6 | 3 | 3.3 | 2 | 2.6 | 2.9 | 190 |
| 195 | | | | 3.2 | | | 2.9 | 3.2 | | 2.2 | 2.6 | 2.8 | | 2.2 | 2.5 | 195 |
| 200 | | | | | | | 2.6 | 2.8 | | 1.9 | 2.3 | 2.4 | | 1.8 | 2.1 | 200 |
| 205 | | | | | | | 2.3 | 2.5 | | | 1.9 | | | | | 205 |
| 210 | | | | | | | 2 | | | | | | | | | 210 |

Lifting capacities Forces de levage

TVNZK

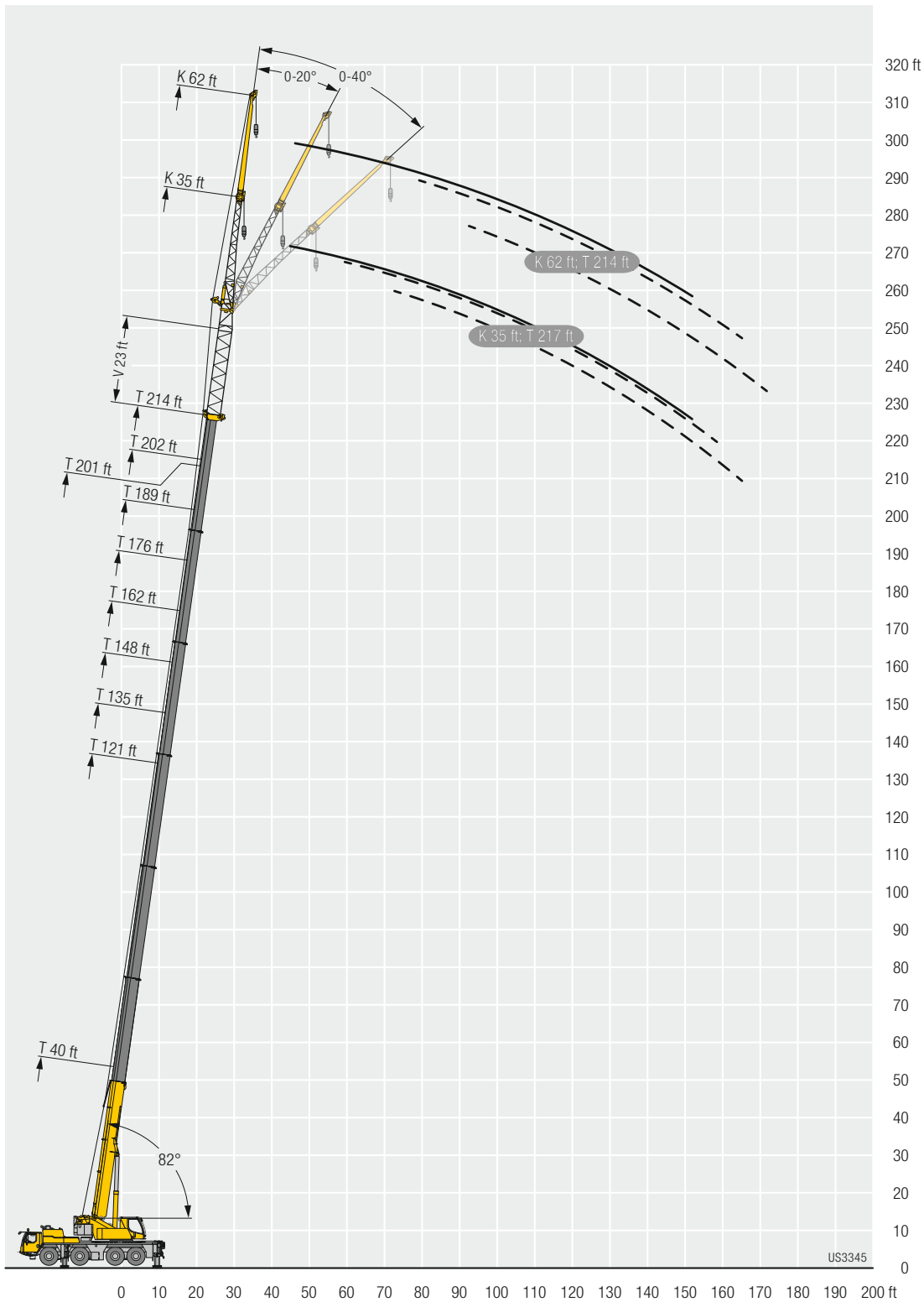


Preliminary
Préliminaire

| ↙ | 176 ft + 23 ft | | | 189 ft + 23 ft | | | 201 ft + 23 ft | | | 202 ft + 23 ft | | | 214 ft + 23 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 | 9.1 | | | | | | | | | | | | | | | 36 |
| 38 | 9.1 | | | | | | | | | | | | | | | 38 |
| 40 | 9 | | | 7.3 | | | | | | | | | | | | 40 |
| 45 | 9 | | | 7.3 | | | 5.2 | | | 5.5 | | | 3.9 | | | 45 |
| 50 | 8.9 | | | 7.3 | | | 5.2 | | | 5.5 | | | 3.9 | | | 50 |
| 55 | 8.9 | | | 7.3 | | | 5.2 | | | 5.5 | | | 3.9 | | | 55 |
| 60 | 8.8 | | | 7.3 | | | 5.2 | | | 5.5 | | | 3.9 | | | 60 |
| 65 | 8.7 | 8 | | 7.3 | 6.8 | | 5.2 | | | 5.5 | | | 3.9 | | | 65 |
| 70 | 8.6 | 8 | | 7.2 | 6.8 | | 5.2 | 5.2 | | 5.5 | 5.5 | | 3.9 | | | 70 |
| 75 | 8.5 | 8 | | 7.1 | 6.7 | | 5.2 | 5.2 | | 5.5 | 5.5 | | 3.9 | 4.6 | | 75 |
| 80 | 8.3 | 7.9 | 7 | 7 | 6.7 | | 5.2 | 5.1 | | 5.5 | 5.4 | | 3.9 | 4.6 | | 80 |
| 85 | 8.2 | 7.7 | 6.9 | 7 | 6.7 | 6.2 | 5.2 | 5.1 | | 5.5 | 5.4 | | 3.9 | 4.6 | | 85 |
| 90 | 8 | 7.6 | 6.9 | 6.9 | 6.6 | 6.2 | 5.1 | 5 | 4.9 | 5.5 | 5.4 | 5.1 | 3.9 | 4.6 | | 90 |
| 95 | 7.9 | 7.4 | 6.8 | 6.8 | 6.6 | 6.2 | 5.1 | 5 | 4.9 | 5.5 | 5.4 | 5.1 | 3.9 | 4.5 | 4.4 | 95 |
| 100 | 7.7 | 7.3 | 6.8 | 6.7 | 6.6 | 6.2 | 5 | 5 | 4.9 | 5.4 | 5.4 | 5.1 | 3.9 | 4.5 | 4.4 | 100 |
| 105 | 7.6 | 7.1 | 6.7 | 6.7 | 6.5 | 6.2 | 5 | 5 | 4.9 | 5.3 | 5.4 | 5.1 | 3.9 | 4.5 | 4.4 | 105 |
| 110 | 7.4 | 7 | 6.7 | 6.6 | 6.4 | 6.2 | 5 | 5 | 4.9 | 5.3 | 5.3 | 5.1 | 3.9 | 4.5 | 4.4 | 110 |
| 115 | 7.1 | 6.9 | 6.6 | 6.4 | 6.3 | 6.2 | 4.9 | 5 | 4.9 | 5.2 | 5.3 | 5.1 | 3.9 | 4.5 | 4.4 | 115 |
| 120 | 6.8 | 6.7 | 6.5 | 6 | 6.2 | 6.1 | 4.9 | 4.9 | 4.9 | 5.2 | 5.2 | 5.1 | 3.9 | 4.5 | 4.4 | 120 |
| 125 | 6.5 | 6.6 | 6.4 | 5.7 | 6.2 | 6.1 | 4.8 | 4.9 | 4.9 | 5.1 | 5.2 | 5.1 | 3.9 | 4.5 | 4.4 | 125 |
| 130 | 5.9 | 6.3 | 6.3 | 5.7 | 6 | 6 | 4.8 | 4.8 | 4.9 | 4.8 | 5.2 | 5.1 | 3.9 | 4.5 | 4.4 | 130 |
| 135 | 5.6 | 6.1 | 6.3 | 5.2 | 5.5 | 5.9 | 4.7 | 4.7 | 4.8 | 4.2 | 5.2 | 5.1 | 3.8 | 4.4 | 4.4 | 135 |
| 140 | 5.4 | 5.9 | 6 | 4.7 | 5.3 | 5.8 | 4.3 | 4.7 | 4.8 | 3.6 | 4.8 | 5.1 | 3.3 | 4.4 | 4.4 | 140 |
| 145 | 5 | 5.3 | 5.8 | 4.2 | 5.2 | 5.3 | 3.8 | 4.5 | 4.7 | 3.1 | 4.3 | 5 | 2.8 | 4 | 4.4 | 145 |
| 150 | 4.6 | 5.1 | 5.5 | 3.7 | 4.7 | 5.1 | 3.3 | 4.3 | 4.6 | 2.6 | 3.7 | 4.7 | 2.3 | 3.5 | 4.2 | 150 |
| 155 | 4.1 | 4.9 | 5 | 3.2 | 4.2 | 4.9 | 2.9 | 3.9 | 4.4 | 2.2 | 3.2 | 4.1 | | 3 | 3.8 | 155 |
| 160 | 3.6 | 4.5 | 4.8 | 2.7 | 3.7 | 4.4 | 2.4 | 3.4 | 4.1 | | 2.8 | 3.6 | | 2.5 | 3.3 | 160 |
| 165 | 3.2 | 4 | 4.5 | 2.3 | 3.2 | 3.9 | 2 | 2.9 | 3.7 | | 2.3 | 3.1 | | 2.1 | 2.8 | 165 |
| 170 | 2.8 | 3.6 | 4.1 | 1.9 | 2.8 | 3.4 | | 2.5 | 3.2 | | 1.9 | 2.6 | | | 2.4 | 170 |
| 175 | 2.4 | 3.1 | 3.7 | | 2.4 | 3 | | 2.1 | 2.7 | | | 2.1 | | | 1.9 | 175 |
| 180 | 2 | 2.7 | 3.2 | | 2 | 2.5 | | | 2.3 | | | | | | | 180 |
| 185 | | 2.3 | 2.8 | | | 2.1 | | | | | | | | | | 185 |
| 190 | | 2 | 2.4 | | | | | | | | | | | | | 190 |
| 195 | | | 1.9 | | | | | | | | | | | | | 195 |

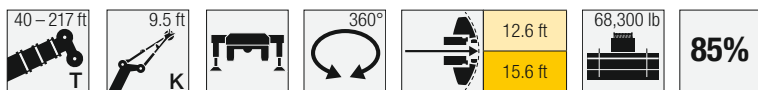
Lifting heights Hauteurs de levage

TVNZK



Lifting capacities Forces de levage

TK



| | 40 ft | 54 ft | 68 ft | 81 ft | 95 ft | 108 ft | 121 ft | 135 ft | 148 ft | 162 ft | 176 ft | 189 ft | 196 ft | 201 ft | 202 ft | 207 ft | 214 ft | 217 ft | |
|-----|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| | 9.5 ft | | | | | | | | | | | | | | | | | | |
| 10 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | | | | 10 |
| 11 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | | | 11 |
| 12 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | | 12 |
| 13 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | 13 |
| 14 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | 14 |
| 15 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | | 15 |
| 16 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | 16 |
| 17 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | 17 |
| 18 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | | 18 |
| 19 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | 19 |
| 20 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | 20 |
| 22 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | | 22 |
| 24 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | | 24 |
| 26 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | | | | | | | | | 26 |
| 28 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 63.7 | 51.6 | 36.3 | | | | | | | | 28 |
| 30 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 63.9 | 61.1 | 51.4 | 41.9 | | | | | | | | 30 |
| 32 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 62 | 58.5 | 51.1 | 41.8 | 33.8 | | | | | | | | 32 |
| 34 | 64.1 | 64.1 | 64.1 | 64.1 | 63.7 | 62.8 | 59.3 | 56.3 | 50.7 | 41.6 | 33.8 | 24.3 | | | | | | | 34 |
| 36 | 63.3 | 63.8 | 64.1 | 63.4 | 62.3 | 60.3 | 56.7 | 53.8 | 50.1 | 41.4 | 33.7 | 26.4 | 22.9 | | | | | | 36 |
| 38 | 59.4 | 60.3 | 60.6 | 61.7 | 60.2 | 57.8 | 54.3 | 51.5 | 48.4 | 41.1 | 33.5 | 26.3 | 22.8 | 19.6 | 21.2 | 19.4 | | | 38 |
| 40 | 55.6 | 56.6 | 57 | 58.1 | 57.6 | 55.3 | 52.2 | 49.4 | 46.4 | 40.8 | 33.3 | 26.1 | 22.7 | 19.5 | 21.2 | 19.4 | 17.2 | 16.8 | 40 |
| 45 | | 48.5 | 49.9 | 50 | 49.7 | 48.7 | 46.7 | 44.4 | 42.4 | 39.7 | 32.6 | 25.8 | 22.2 | 19.1 | 21 | 19.2 | 17 | 16.6 | 45 |
| 50 | | 42 | 43.4 | 43.6 | 43.2 | 42.4 | 40.8 | 40 | 38.6 | 36.3 | 31.8 | 25.4 | 21.4 | 18.6 | 20.6 | 18.9 | 16.8 | 16.4 | 50 |
| 55 | | 36.7 | 38.2 | 38.3 | 37.9 | 37.1 | 37.2 | 35.9 | 34.1 | 32.6 | 30.6 | 24.9 | 20.6 | 18.1 | 20.3 | 18.6 | 16.5 | 16.1 | 55 |
| 60 | | | 33.8 | 33.9 | 33.5 | 33.4 | 33.5 | 32 | 30.8 | 29.5 | 27.7 | 24.2 | 19.7 | 17.6 | 19.9 | 18.3 | 16.1 | 15.8 | 60 |
| 65 | | | 30.1 | 30.2 | 29.8 | 30.6 | 29.8 | 29.2 | 27.7 | 26.4 | 25.1 | 23.5 | 18.9 | 17.1 | 19.4 | 17.9 | 15.8 | 15.4 | 65 |
| 70 | | | | 27.1 | 27.4 | 27.4 | 26.6 | 26.1 | 25.2 | 24.3 | 23.3 | 21.7 | 18 | 16.5 | 18.9 | 17.5 | 15.4 | 14.8 | 70 |
| 75 | | | | 24.2 | 25.1 | 24.6 | 23.6 | 23.5 | 23 | 22.4 | 21.1 | 19.6 | 17.1 | 15.9 | 18.3 | 17 | 14.9 | 14.3 | 75 |
| 80 | | | | 21.8 | 22.6 | 22.1 | 21.3 | 21.3 | 21 | 20.1 | 19 | 18.2 | 16.2 | 15.3 | 17.1 | 16.4 | 14.4 | 13.7 | 80 |
| 85 | | | | | 20.5 | 19.8 | 19.4 | 19.1 | 18.8 | 17.9 | 17.8 | 16.9 | 14.9 | 14.6 | 15.5 | 15.3 | 13.9 | 13.2 | 85 |
| 90 | | | | | 18.5 | 17.9 | 18.1 | 17.3 | 16.8 | 16.7 | 15.9 | 15.2 | 13.4 | 14 | 14 | 14 | 13.3 | 12.6 | 90 |
| 95 | | | | | 16.9 | 16.2 | 16.4 | 15.6 | 15.2 | 15 | 14.2 | 13.6 | 11.9 | 13.3 | 12.5 | 12.6 | 12.3 | 11.9 | 95 |
| 100 | | | | | | 14.9 | 14.8 | 14.4 | 14.1 | 13.5 | 12.7 | 12.1 | 10.4 | 12 | 11.1 | 11.2 | 11 | 10.9 | 100 |
| 105 | | | | | | 14.1 | 13.5 | 13.4 | 12.7 | 12.2 | 11.3 | 10.7 | 9.2 | 10.7 | 9.8 | 9.9 | 9.8 | 9.7 | 105 |
| 110 | | | | | | 10.7 | 12.3 | 12.1 | 11.5 | 10.9 | 10.1 | 9.6 | 8.2 | 9.5 | 8.8 | 8.9 | 8.8 | 8.6 | 110 |
| 115 | | | | | | | 11.2 | 11 | 10.4 | 9.8 | 9.1 | 8.6 | 7.3 | 8.6 | 7.9 | 8 | 7.9 | 7.8 | 115 |
| 120 | | | | | | | 10.2 | 10 | 9.4 | 9 | 8.3 | 7.8 | 6.5 | 7.8 | 7.1 | 7.2 | 7.1 | 7 | 120 |
| 125 | | | | | | | | 9.2 | 8.7 | 8.2 | 7.6 | 7.1 | 5.7 | 7.1 | 6.3 | 6.4 | 6.4 | 6.2 | 125 |
| 130 | | | | | | | | 8.6 | 8 | 7.6 | 6.9 | 6.4 | 5.1 | 6.4 | 5.7 | 5.8 | 5.7 | 5.5 | 130 |
| 135 | | | | | | | | 8 | 7.4 | 6.9 | 6.3 | 5.8 | 4.4 | 5.8 | 5 | 5.1 | 5.1 | 4.9 | 135 |
| 140 | | | | | | | | | 6.8 | 6.4 | 5.7 | 5.2 | 3.7 | 5.2 | 4.5 | 4.6 | 4.5 | 4.4 | 140 |
| 145 | | | | | | | | | 6.3 | 5.8 | 5.2 | 4.7 | 3.1 | 4.7 | 3.9 | 4 | 3.9 | 3.8 | 145 |
| 150 | | | | | | | | | 5.2 | 5.4 | 4.7 | 4.2 | 2.5 | 4.2 | 3.3 | 3.5 | 3.4 | 3.2 | 150 |
| 155 | | | | | | | | | | 4.9 | 4.1 | 3.6 | 2 | 3.7 | 2.7 | 2.9 | 2.9 | 2.7 | 155 |
| 160 | | | | | | | | | | 4.4 | 3.6 | 3.1 | | 3.1 | 2.2 | 2.4 | 2.3 | 2.2 | 160 |
| 165 | | | | | | | | | | | 3.2 | 2.6 | | 2.7 | | 1.9 | 1.8 | | 165 |
| 170 | | | | | | | | | | | 2.7 | 2.1 | | 2.2 | | | | | 170 |
| 175 | | | | | | | | | | | 2.3 | | | 1.8 | | | | | 175 |

Lifting heights Hauteurs de levage

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