

Mobile Crane / Grue mobile

LTM 1130-5.1







| | |
|---|----------------|
|  | 155 USt |
|  | 197 ft |
|  | 240 ft |
|  | 299 ft |

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Mobile Crane/Grue mobile

LTM 1130-5.1



197 ft



35 ft – 62 ft



2 x 23 ft



9.5 ft

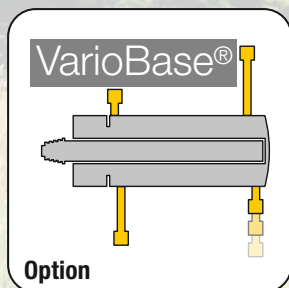


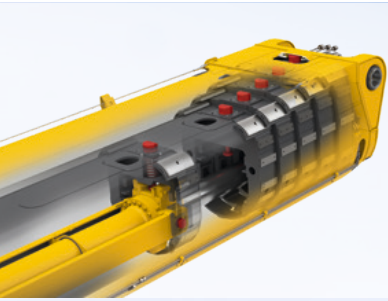
92,600 lbs

€COmode

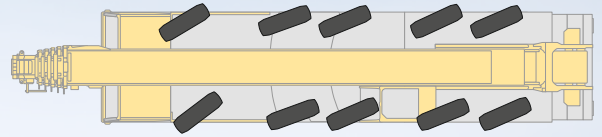
€COdrive

only with
seulement avec ZF-TRAXON





Proven single cylinder telescoping system TELEMATIK
Système de télescopage à un vérin confirmé TELEMATIK



Variable steering concept
Concept de direction variable

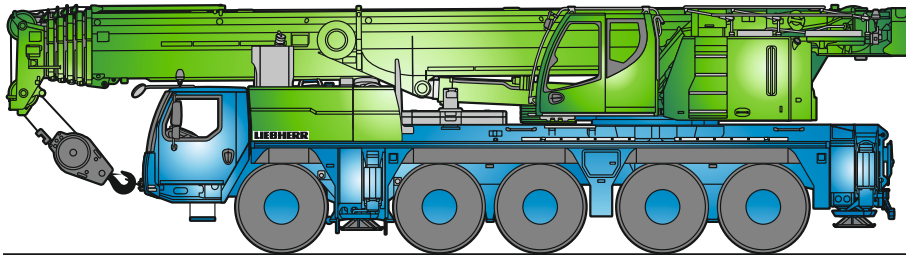


Fuel saving and noise reduction

Economie de carburant et réduction du bruit

€COmode

Automatic regulation of the engine speed during crane mode reduce fuel about 10 %
 Régulation automatique de la vitesse du moteur pendant les travaux avec la grue permet de réduire la consommation de carburant jusqu'à env. 10 %



S3227

€COdrive

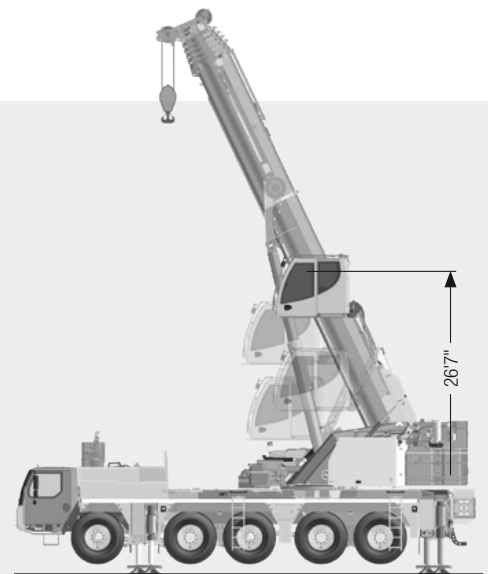
New ZF-TraXon transmission
 Nouvelle boîte ZF-TraXon

Driving strategy in the carrier with ECO- or Powermode to reduce noise and fuel
 L'adaptation du mode de déplacement avec le mode ECO ou le mode Puissance permet de réduire le niveau sonore et la consommation de carburant

Lift cab (optional)

Cabine élévatrice (en option)

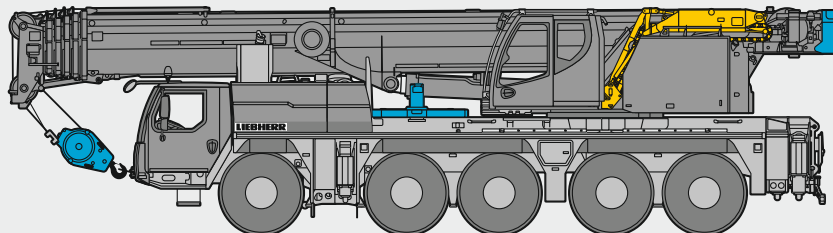
- Better view
 Meilleur champ de vision
- Increased safety
 Sécurité accrue



Axle/Essieu

| | 1 | 2 | 3 | 4 | 5 | |
|-----|--------|--------|--------|--------|--------|-----------------------|
| | | | | | | |
| lbs | 26,400 | 26,400 | 26,400 | 26,400 | 26,400 | 132,000 ¹⁾ |

¹⁾ with 14,550 lbs counterweight - avec contrepoids 14,550 lbs



S3231.01

Weights Poids



Hook block/Moufles à crochet

| 242,500 lbs | 7 | 14 | 2,730 lbs |
|-------------|---|----|-----------|
| 198,850 lbs | 5 | 11 | 1,980 lbs |
| 130,300 lbs | 3 | 7 | 1,540 lbs |
| 57,550 lbs | 1 | 3 | 990 lbs |
| 19,400 lbs | – | 1 | 550 lbs |

Working speeds Vitesses

Crane carrier/Châssis porteur

| | (mph) min. | (mph) max. | % |
|---|------------|------------|--------|
| 445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25) | 0.3 | 53 | 55,7 % |

Theoretical gradeability/Aptitude théorique en pente

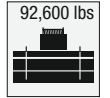
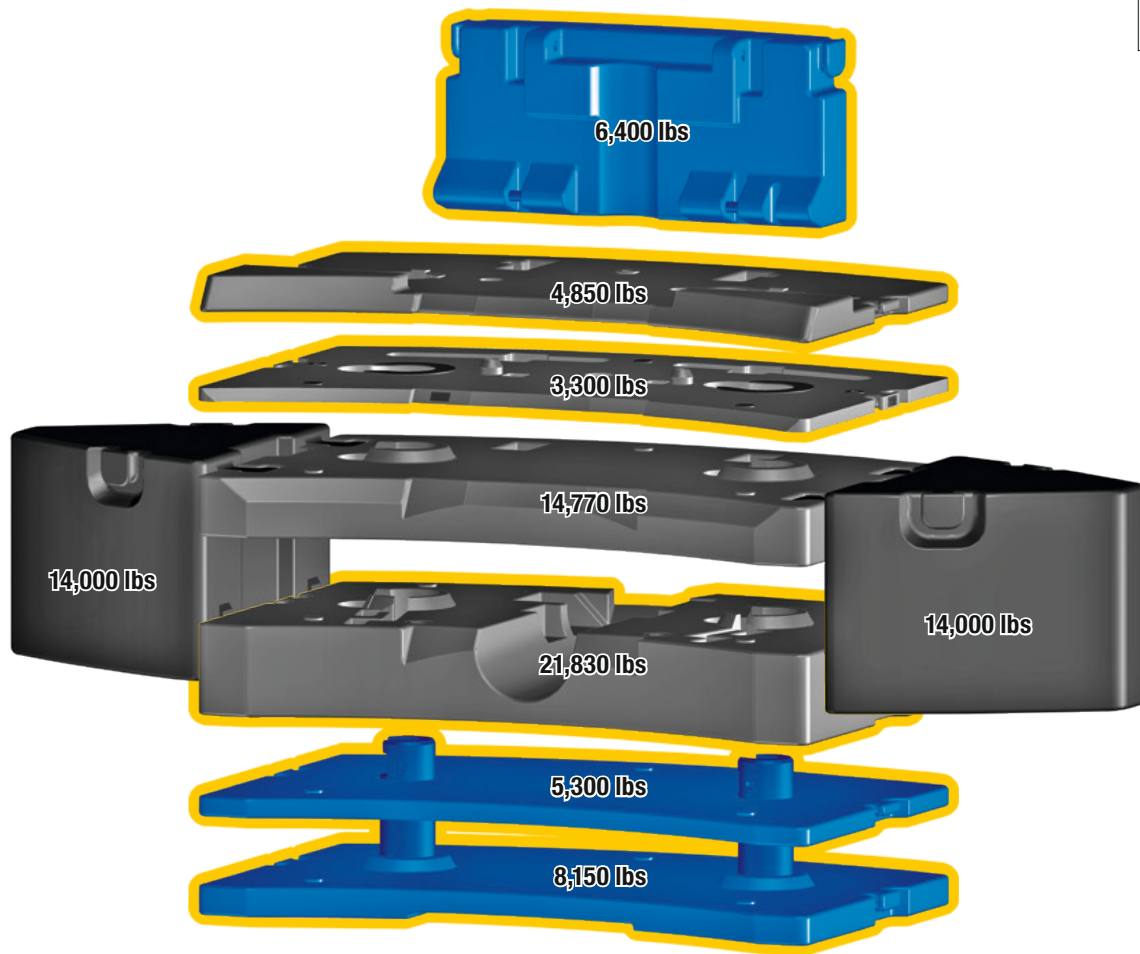
| | 12 / R2 |
|--|---------|
| | 4 / R2 |

Crane superstructure/Partie tournante

| | 0 – 360 ft/min single line | 0.83" | 820 ft | 19,785 lbs |
|--|--|-------|--------|------------|
| | 0 – 360 ft/min single line | 0.83" | 820 ft | 19,785 lbs |
| | 0 – 1.5 rpm | | | |
| | approx. 65 seconds to reach 82° boom angle env. 65 s jusqu'à 82° | | | |
| | approx. 390 seconds for boom extension from 42 ft – 197 ft env. 390 s pour passer de 42 ft – 197 ft | | | |


Counterweight Contrepoids

92,600 lbs

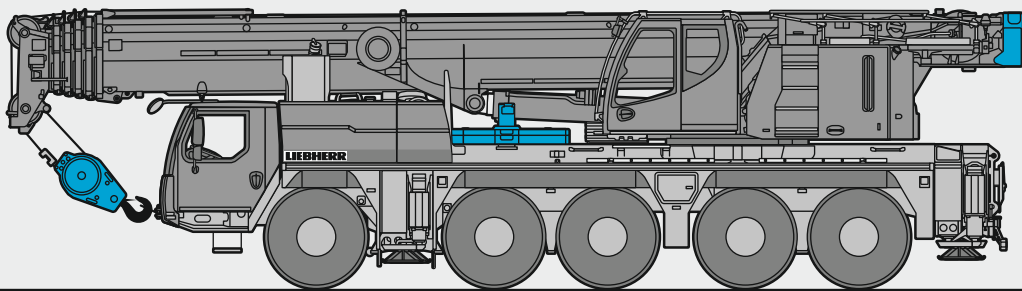



Technically transportable · Transport technique simplifié

Axle/Essieu

|  | 1 | 2 | 3 | 4 | 5 |  |
|---|--------|--------|--------|--------|--------|---|
| lbs | 26,400 | 26,400 | 26,400 | 26,400 | 26,400 | 132,000 ¹⁾ |

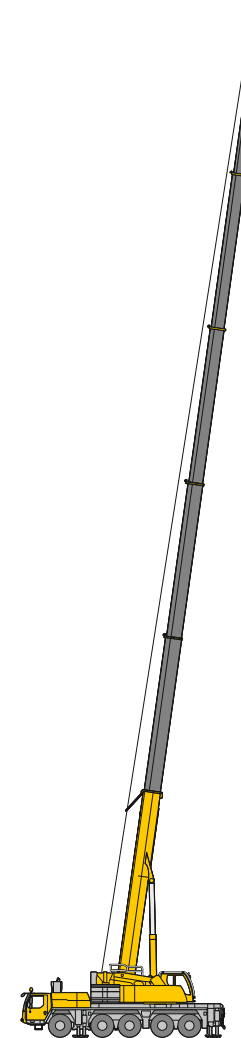
¹⁾ with 19,800 lbs counterweight · avec contrepoids 19,800 lbs



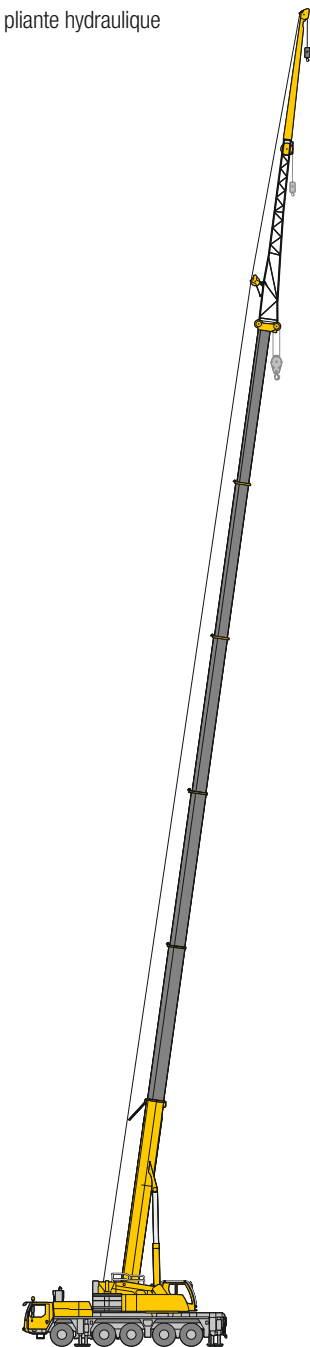
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Boom/jib combinations Configurations de flèche

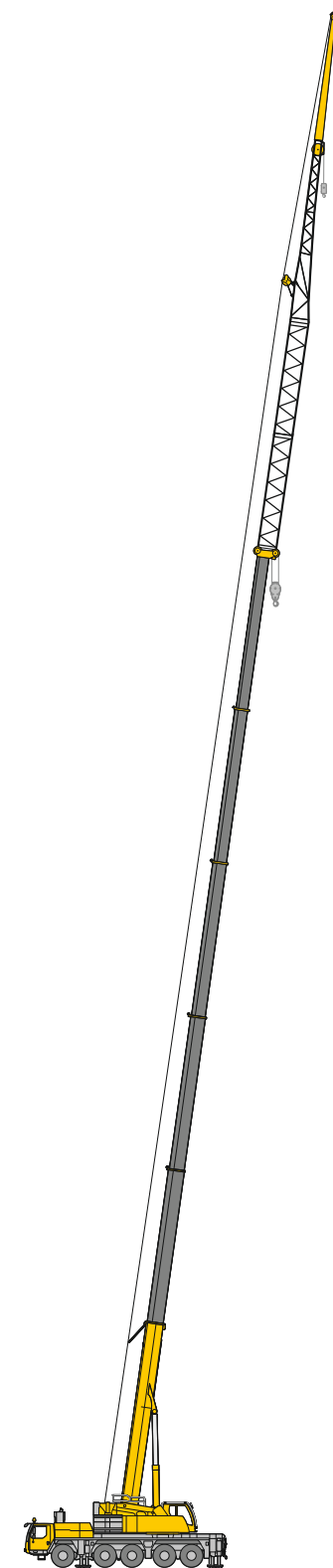
- T** Telescopic boom/Flèche télescopique
- K** Erection jib/Flechette de montage
- NZK** Hydraulic swing away jib/Fléchette pliante hydraulique
- V** Telescopic boom extension
Rallonge de flèche télescopique



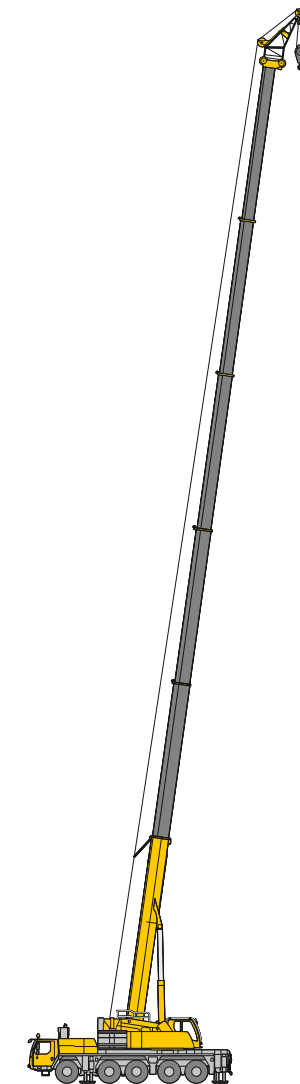
T
11 – 19



TK/TNZK
20 – 26 / 37 – 43



TVK/TVNZK
27 – 36 / 44 – 53



TK
54 – 56

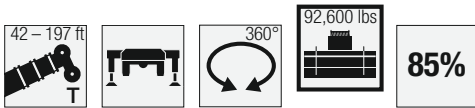


S3064

Lifting capacities

Forces de levage

T



| | * 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|---------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 315.3 | 182.2 | 182.2 | 182.2 | 165.1 | | | | | | | | | | 10 |
| 11 | 233.2 | 182.2 | 182.2 | 182.2 | 164 | | | | | | | | | | 11 |
| 12 | 199.2 | 182.2 | 182.2 | 180.9 | 162.5 | | | | | | | | | | 12 |
| 13 | 190.6 | 182.2 | 181.5 | 176.1 | 161 | 130.4 | | | | | | | | | 13 |
| 14 | 182.7 | 181.4 | 174.6 | 168.4 | 159 | 130.4 | | | | | | | | | 14 |
| 15 | 175.5 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 | | | | | | | | | 15 |
| 16 | 169 | 169 | 161.1 | 154.9 | 150.1 | 130.4 | 106.4 | | | | | | | | 16 |
| 17 | 162.8 | 162.8 | 155 | 148.9 | 145.3 | 130.1 | 105.5 | | | | | | | | 17 |
| 18 | 157 | 157 | 149.4 | 145.4 | 140.9 | 129.6 | 104.6 | | | | | | | | 18 |
| 19 | 151.6 | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7 | 76.2 | | | | | | | 19 |
| 20 | 146.5 | 146.5 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6 | 76.2 | | | | | | | 20 |
| 22 | 136.9 | 136.9 | 132 | 126.8 | 122.5 | 120.7 | 100.4 | 76.2 | 56.3 | | | | | | 22 |
| 24 | 127.8 | 127.8 | 124.3 | 119.3 | 115 | 113.6 | 98.1 | 76.2 | 57.6 | | | | | | 24 |
| 26 | 119 | 119 | 117.4 | 112.7 | 108.6 | 107 | 95.8 | 75.5 | 57.6 | 48.1 | | | | | 26 |
| 28 | 110.1 | 110.1 | 111 | 106.7 | 102.7 | 101.1 | 93.6 | 74.2 | 57.6 | 47.6 | | | | | 28 |
| 30 | 100.8 | 100.8 | 105.3 | 101.4 | 97.7 | 95.9 | 91.4 | 72.8 | 57.6 | 47.1 | 35.1 | 38.7 | | | 30 |
| 32 | 89.3 | 89.3 | 99.8 | 96.5 | 93.5 | 91.2 | 88.1 | 71 | 57.3 | 46.5 | 35.1 | 38.7 | 31.1 | | 32 |
| 34 | 65.7 | 65.7 | 93.9 | 92 | 89.4 | 87 | 84 | 68.7 | 56.5 | 46 | 34.9 | 38.7 | 31 | 31.5 | 34 |
| 36 | | | 88.2 | 87.9 | 85.3 | 83 | 80.3 | 66.3 | 55.5 | 45.4 | 34.6 | 38.6 | 31 | 31.5 | 36 |
| 38 | | | 82.8 | 83.3 | 81.7 | 79.5 | 76.6 | 63.9 | 54.2 | 44.8 | 33.8 | 38.4 | 31 | 31.5 | 38 |
| 40 | | | 78 | 78.5 | 78.6 | 76.2 | 73.4 | 61.6 | 52.6 | 44.2 | 33.1 | 38 | 30.8 | 31.4 | 40 |
| 45 | | | 64.8 | 68 | 69.5 | 68.8 | 65.9 | 56.7 | 48.7 | 42 | 31.2 | 36.4 | 29.8 | 30.7 | 45 |
| 50 | | | | 60.9 | 60.9 | 60.2 | 57.8 | 52 | 45.2 | 39.3 | 29.3 | 34.6 | 28.5 | 29.6 | 50 |
| 55 | | | | 53.9 | 53.9 | 53.2 | 51 | 47.9 | 41.7 | 36.7 | 27.6 | 32.7 | 27 | 28.3 | 55 |
| 60 | | | | 45.8 | 48 | 47.3 | 45.5 | 43.4 | 38.7 | 34.3 | 25.9 | 30.8 | 25.6 | 26.9 | 60 |
| 65 | | | | | 43 | 42.3 | 40.8 | 40.9 | 36 | 31.9 | 24.2 | 29 | 24.2 | 25.5 | 65 |
| 70 | | | | | 38.8 | 38 | 36.9 | 37.4 | 33.6 | 29.9 | 22.6 | 27.2 | 22.9 | 24.3 | 70 |
| 75 | | | | | 32.5 | 34.4 | 34.5 | 34.1 | 30.6 | 28 | 21.2 | 25.6 | 21.6 | 23.1 | 75 |
| 80 | | | | | | 31.3 | 32.3 | 31.2 | 28.3 | 26.3 | 19.9 | 24.1 | 20.4 | 22 | 80 |
| 85 | | | | | | 28.6 | 29.7 | 28.6 | 26.6 | 24.7 | 18.7 | 22.6 | 19.3 | 20.9 | 85 |
| 90 | | | | | | 24.3 | 27.3 | 26.2 | 24.7 | 22.8 | 17.7 | 21.4 | 18.3 | 19.8 | 90 |
| 95 | | | | | | | 25.1 | 24 | 23.6 | 20.8 | 16.6 | 20.2 | 17.4 | 18.8 | 95 |
| 100 | | | | | | | 23.2 | 22 | 22.2 | 19.8 | 15.6 | 19.1 | 16.5 | 17.8 | 100 |
| 105 | | | | | | | 17.3 | 20.2 | 20.7 | 18.8 | 14.8 | 17.9 | 15.7 | 16.9 | 105 |
| 110 | | | | | | | | 19 | 19.1 | 17.8 | 14 | 16.5 | 14.9 | 16 | 110 |
| 115 | | | | | | | | 18.3 | 17.6 | 17 | 13.1 | 15.5 | 14.2 | 15.2 | 115 |
| 120 | | | | | | | | | 16.3 | 16.3 | 12.5 | 14.8 | 13.5 | 14.4 | 120 |
| 125 | | | | | | | | | 15.1 | 15.2 | 11.8 | 14.2 | 12.8 | 13.4 | 125 |
| 130 | | | | | | | | | 14.1 | 14 | 11.2 | 13.5 | 12.2 | 12.4 | 130 |
| 135 | | | | | | | | | | 13 | 10.6 | 12.6 | 11.7 | 11.5 | 135 |
| 140 | | | | | | | | | | 12 | 10.1 | 11.6 | 11.1 | 10.6 | 140 |
| 145 | | | | | | | | | | 10.8 | 9.7 | 10.7 | 10.6 | 9.6 | 145 |
| 150 | | | | | | | | | | | 9.3 | 9.8 | 10 | 8.8 | 150 |
| 155 | | | | | | | | | | | 9 | 9.1 | 9.2 | 8 | 155 |
| 160 | | | | | | | | | | | | 8.1 | 8.5 | 7.3 | 160 |
| 165 | | | | | | | | | | | | | 7.8 | 6.7 | 165 |
| 170 | | | | | | | | | | | | | 6.9 | 6 | 170 |
| 175 | | | | | | | | | | | | | | 5.1 | 175 |
| 180 | | | | | | | | | | | | | | | 180 |
| 185 | | | | | | | | | | | | | | | 185 |

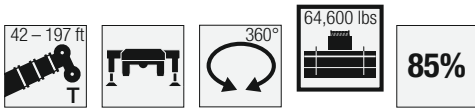
* over rear - en arrière

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Lifting capacities

Forces de levage

T



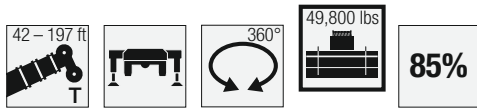
| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 182.2 | 165.1 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 182.2 | 164 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.9 | 162.5 | | | | | | | | | | | 12 |
| 13 | 182.2 | 181.5 | 176.1 | 161 | 130.4 | | | | | | | | | | 13 |
| 14 | 181.4 | 174.6 | 168.4 | 159 | 130.4 | | | | | | | | | | 14 |
| 15 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 | | | | | | | | | | 15 |
| 16 | 169 | 161.1 | 154.9 | 150.1 | 130.4 | 106.4 | | | | | | | | | 16 |
| 17 | 162.8 | 155 | 148.9 | 145.3 | 130.1 | 105.5 | | | | | | | | | 17 |
| 18 | 157 | 149.4 | 145.4 | 140.9 | 129.6 | 104.6 | | | | | | | | | 18 |
| 19 | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7 | 76.2 | | | | | | | | 19 |
| 20 | 146.5 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6 | 76.2 | | | | | | | | 20 |
| 22 | 136.9 | 132 | 126.8 | 122.5 | 120.7 | 100.4 | 76.2 | 56.3 | | | | | | | 22 |
| 24 | 126.5 | 124.3 | 119.3 | 115 | 113.6 | 98.1 | 76.2 | 57.6 | | | | | | | 24 |
| 26 | 116 | 117 | 112.7 | 108.6 | 107 | 95.8 | 75.5 | 57.6 | 48.1 | | | | | | 26 |
| 28 | 106.7 | 108.5 | 106.7 | 102.7 | 101.1 | 93.4 | 74.2 | 57.6 | 47.6 | | | | | | 28 |
| 30 | 98.5 | 100.4 | 100.5 | 97.7 | 93.9 | 88.2 | 72.8 | 57.6 | 47.1 | 35.1 | 38.7 | | | | 30 |
| 32 | 89.3 | 92.7 | 93.3 | 91.2 | 86.7 | 81.3 | 71 | 57.3 | 46.5 | 35.1 | 38.7 | 31.1 | | | 32 |
| 34 | 65.7 | 86.2 | 86.2 | 84.7 | 80.3 | 75.4 | 68.7 | 56.5 | 46 | 34.9 | 38.7 | 31 | 31.5 | | 34 |
| 36 | | 80.2 | 81.4 | 78.6 | 74.4 | 70.3 | 65.7 | 55.5 | 45.4 | 34.6 | 38.6 | 31 | 31.5 | | 36 |
| 38 | | 74.7 | 76.4 | 73.2 | 69.6 | 65.4 | 61.9 | 54.2 | 44.8 | 33.8 | 38.4 | 31 | 31.5 | 25.5 | 38 |
| 40 | | 69.7 | 71.4 | 68.5 | 65.1 | 61.4 | 58.3 | 52.6 | 44.2 | 33.1 | 38 | 30.8 | 31.4 | 25.5 | 40 |
| 45 | | 60.2 | 61.3 | 58.8 | 55.8 | 52.5 | 52.1 | 48 | 42 | 31.2 | 36.4 | 29.8 | 30.7 | 25.4 | 45 |
| 50 | | | 52.7 | 51.2 | 48.5 | 46.9 | 45.8 | 41.8 | 39.1 | 29.3 | 34.6 | 28.5 | 29.6 | 25.2 | 50 |
| 55 | | | 45.5 | 45 | 42.5 | 42.8 | 40.2 | 37.8 | 35.5 | 27.6 | 32.7 | 27 | 28.3 | 24.6 | 55 |
| 60 | | | 39.7 | 39.8 | 37.6 | 38.1 | 35.6 | 33.9 | 31.5 | 25.9 | 30.7 | 25.6 | 26.9 | 23.7 | 60 |
| 65 | | | | 35 | 35.3 | 34.1 | 31.7 | 31.5 | 29.2 | 24.2 | 27.8 | 24.2 | 25.5 | 22.5 | 65 |
| 70 | | | | 31 | 32.4 | 30.7 | 29 | 28.4 | 26.5 | 22.6 | 24.8 | 22.9 | 24.3 | 21.3 | 70 |
| 75 | | | | 27.8 | 29.1 | 27.8 | 27 | 25.6 | 24.9 | 21.2 | 23.3 | 21.6 | 22.4 | 20.3 | 75 |
| 80 | | | | | 26.2 | 25.3 | 25.2 | 23.3 | 22.9 | 19.9 | 21.8 | 20.4 | 20.4 | 19.3 | 80 |
| 85 | | | | | 23.8 | 23 | 23.1 | 21.4 | 20.8 | 18.7 | 19.9 | 19.3 | 18.4 | 17.9 | 85 |
| 90 | | | | | 21.7 | 20.8 | 21.2 | 20.3 | 19 | 17.7 | 18.1 | 17.9 | 16.6 | 16.3 | 90 |
| 95 | | | | | | 19.5 | 19.4 | 18.8 | 17.6 | 16.6 | 16.5 | 16.4 | 15.1 | 14.8 | 95 |
| 100 | | | | | | 18.5 | 17.7 | 17.4 | 16.2 | 15.6 | 15.1 | 15 | 13.7 | 13.4 | 100 |
| 105 | | | | | | 16.6 | 16.1 | 16 | 14.9 | 14.6 | 13.8 | 13.7 | 12.4 | 12.1 | 105 |
| 110 | | | | | | | 14.8 | 14.6 | 13.7 | 13.6 | 12.6 | 12.5 | 11.2 | 11 | 110 |
| 115 | | | | | | | 13.7 | 13.3 | 12.6 | 12.4 | 11.6 | 11.5 | 10.2 | 10 | 115 |
| 120 | | | | | | | | 12.2 | 11.5 | 11.4 | 10.6 | 10.5 | 9.3 | 9 | 120 |
| 125 | | | | | | | | 11.2 | 10.4 | 10.5 | 9.6 | 9.6 | 8.4 | 8.1 | 125 |
| 130 | | | | | | | | 10.3 | 9.5 | 9.5 | 8.8 | 8.8 | 7.6 | 7.4 | 130 |
| 135 | | | | | | | | | 8.6 | 8.7 | 7.9 | 8 | 6.8 | 6.6 | 135 |
| 140 | | | | | | | | | 7.8 | 7.9 | 7.1 | 7.3 | 6.1 | 5.9 | 140 |
| 145 | | | | | | | | | 7.1 | 7.1 | 6.4 | 6.5 | 5.4 | 5.3 | 145 |
| 150 | | | | | | | | | | 6.5 | 5.7 | 5.8 | 4.7 | 4.7 | 150 |
| 155 | | | | | | | | | | 5.9 | 5.1 | 5.2 | 4.1 | 4.1 | 155 |
| 160 | | | | | | | | | | | 4.6 | 4.6 | 3.5 | 3.5 | 160 |
| 165 | | | | | | | | | | | | 4.1 | 2.9 | 2.9 | 165 |
| 170 | | | | | | | | | | | | | 3.6 | 2.4 | 170 |

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Lifting capacities

Forces de levage

T



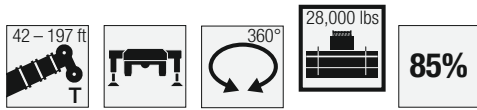
| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 182.2 | 165.1 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 182.2 | 164 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.9 | 162.5 | | | | | | | | | | | 12 |
| 13 | 182.2 | 181.5 | 176.1 | 161 | 130.4 | | | | | | | | | | 13 |
| 14 | 181.4 | 174.6 | 168.4 | 159 | 130.4 | | | | | | | | | | 14 |
| 15 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 | | | | | | | | | | 15 |
| 16 | 169 | 161.1 | 154.9 | 150.1 | 130.4 | 106.4 | | | | | | | | | 16 |
| 17 | 162.8 | 155 | 148.9 | 145.3 | 130.1 | 105.5 | | | | | | | | | 17 |
| 18 | 157 | 149.4 | 145.4 | 140.9 | 129.6 | 104.6 | | | | | | | | | 18 |
| 19 | 151.6 | 145.3 | 140.2 | 135.8 | 127.9 | 103.7 | 76.2 | | | | | | | | 19 |
| 20 | 146.2 | 140.6 | 135.5 | 131.1 | 125.9 | 102.6 | 76.2 | | | | | | | | 20 |
| 22 | 132.8 | 131.9 | 126.8 | 122.5 | 119.9 | 100.4 | 76.2 | 56.3 | | | | | | | 22 |
| 24 | 121.2 | 122.9 | 119.3 | 113.2 | 109.2 | 97.7 | 76.2 | 57.6 | | | | | | | 24 |
| 26 | 110.4 | 112.4 | 108.5 | 104.7 | 98.5 | 92 | 75.5 | 57.6 | 48.1 | | | | | | 26 |
| 28 | 100.5 | 102.6 | 98.1 | 95.5 | 89.5 | 83.8 | 74.2 | 57.6 | 47.6 | | | | | | 28 |
| 30 | 92.2 | 93.6 | 91.3 | 87 | 82.1 | 76.8 | 71.2 | 57.6 | 47.1 | 35.1 | 38.7 | | | | 30 |
| 32 | 84.6 | 85.4 | 84 | 80.1 | 75.6 | 70.7 | 66.8 | 57.3 | 46.5 | 35.1 | 38.7 | 31.1 | | | 32 |
| 34 | 65.7 | 78.7 | 77.4 | 74 | 69.9 | 65.4 | 62.7 | 56.5 | 46 | 34.9 | 38.7 | 31 | 31.5 | | 34 |
| 36 | | 73.1 | 71.6 | 68.6 | 64.7 | 60.7 | 59.6 | 54.2 | 45.4 | 34.6 | 38.6 | 31 | 31.5 | | 36 |
| 38 | | 68.5 | 66.6 | 63.8 | 60.2 | 56.9 | 55.9 | 50.7 | 44.8 | 33.8 | 38.4 | 31 | 31.5 | 25.5 | 38 |
| 40 | | 63.3 | 62 | 59.4 | 56.1 | 54.6 | 52.3 | 48.5 | 44.2 | 33.1 | 38 | 30.8 | 31.4 | 25.5 | 40 |
| 45 | | 52.2 | 52.6 | 50.3 | 47.5 | 47.7 | 44.6 | 41.8 | 39.1 | 31.2 | 36.4 | 29.8 | 30.7 | 25.4 | 45 |
| 50 | | | 45.2 | 43.4 | 43.4 | 41.3 | 38.6 | 38 | 35.5 | 29.3 | 33.5 | 28.5 | 29.6 | 25.2 | 50 |
| 55 | | | 38.7 | 37.9 | 38.3 | 36.1 | 34.6 | 33.4 | 31.6 | 27.6 | 29.5 | 27 | 28.3 | 24.6 | 55 |
| 60 | | | 33.5 | 33.4 | 33.9 | 31.9 | 31.7 | 29.5 | 28.9 | 25.9 | 27.7 | 25.6 | 25.8 | 23.7 | 60 |
| 65 | | | | 30.7 | 30.3 | 28.4 | 28.3 | 27.2 | 25.7 | 24.2 | 24.6 | 23.9 | 22.8 | 22.1 | 65 |
| 70 | | | | 27.4 | 27.2 | 26.3 | 25.3 | 24.6 | 23.3 | 22.5 | 21.9 | 21.7 | 20.3 | 19.8 | 70 |
| 75 | | | | 24.5 | 24.3 | 24.3 | 22.8 | 22.1 | 20.9 | 20.7 | 19.6 | 19.4 | 18.1 | 17.7 | 75 |
| 80 | | | | | 21.8 | 22.2 | 20.9 | 20 | 18.9 | 18.6 | 17.6 | 17.5 | 16.1 | 15.8 | 80 |
| 85 | | | | | 19.6 | 20.1 | 19.1 | 18.1 | 17 | 16.8 | 15.9 | 15.7 | 14.4 | 14.1 | 85 |
| 90 | | | | | 17.9 | 18.1 | 17.4 | 16.5 | 15.4 | 15.2 | 14.3 | 14.2 | 12.9 | 12.6 | 90 |
| 95 | | | | | | 16.4 | 15.8 | 15.1 | 14 | 13.8 | 12.9 | 12.8 | 11.5 | 11.2 | 95 |
| 100 | | | | | | 14.9 | 14.4 | 13.8 | 12.7 | 12.5 | 11.6 | 11.5 | 10.2 | 10 | 100 |
| 105 | | | | | | 13.6 | 13 | 12.6 | 11.5 | 11.4 | 10.5 | 10.4 | 9.1 | 8.9 | 105 |
| 110 | | | | | | | 11.8 | 11.3 | 10.5 | 10.4 | 9.5 | 9.4 | 8.1 | 7.9 | 110 |
| 115 | | | | | | | 10.7 | 10.3 | 9.5 | 9.4 | 8.5 | 8.5 | 7.2 | 7 | 115 |
| 120 | | | | | | | | 9.3 | 8.6 | 8.5 | 7.7 | 7.7 | 6.4 | 6.2 | 120 |
| 125 | | | | | | | | 8.4 | 7.7 | 7.7 | 6.9 | 6.8 | 5.6 | 5.4 | 125 |
| 130 | | | | | | | | 7.6 | 6.8 | 6.9 | 6.1 | 6.1 | 4.9 | 4.7 | 130 |
| 135 | | | | | | | | | 6.1 | 6.1 | 5.4 | 5.5 | 4.2 | 4.1 | 135 |
| 140 | | | | | | | | | 5.4 | 5.4 | 4.7 | 4.8 | 3.6 | 3.5 | 140 |
| 145 | | | | | | | | | 4.8 | 4.8 | 4 | 4.2 | 3 | 2.9 | 145 |
| 150 | | | | | | | | | | 4.2 | 3.5 | 3.6 | 2.4 | 2.4 | 150 |
| 155 | | | | | | | | | | 3.7 | 2.9 | 3 | | | 155 |
| 160 | | | | | | | | | | | 2.4 | 2.5 | | | 160 |

t_205_50308_00_000

Lifting capacities

Forces de levage

T



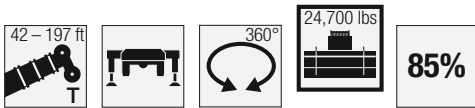
| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 182.2 | 165.1 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 182.2 | 164 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.9 | 162.5 | | | | | | | | | | | 12 |
| 13 | 182.2 | 181.5 | 176.1 | 161 | 130.4 | | | | | | | | | | 13 |
| 14 | 181.4 | 174.6 | 168.4 | 159 | 130.4 | | | | | | | | | | 14 |
| 15 | 175.4 | 167.5 | 161.4 | 156.2 | 130.4 | | | | | | | | | | 15 |
| 16 | 169 | 161.1 | 154.9 | 150.1 | 130.4 | 106.4 | | | | | | | | | 16 |
| 17 | 162.8 | 155 | 148.9 | 143.6 | 129.3 | 105.5 | | | | | | | | | 17 |
| 18 | 155.3 | 149.4 | 145.1 | 136.1 | 127.2 | 104.6 | | | | | | | | | 18 |
| 19 | 146.7 | 144 | 137.8 | 126.1 | 119.9 | 103.7 | 76.2 | | | | | | | | 19 |
| 20 | 138.9 | 137.2 | 127.8 | 120.1 | 111.9 | 100.7 | 76.2 | | | | | | | | 20 |
| 22 | 124.1 | 118.9 | 111.5 | 106.4 | 98.8 | 91.2 | 76.2 | 56.3 | | | | | | | 22 |
| 24 | 110.4 | 104.3 | 100.5 | 94.6 | 88.2 | 81.4 | 74.6 | 57.6 | | | | | | | 24 |
| 26 | 97.6 | 92.5 | 90.1 | 85 | 78.9 | 73.6 | 69.8 | 57.6 | 48.1 | | | | | | 26 |
| 28 | 86.9 | 84 | 80.8 | 76.3 | 70.9 | 67.7 | 64.4 | 57.3 | 47.6 | | | | | | 28 |
| 30 | 77.9 | 75.5 | 72.9 | 68.9 | 64.4 | 63.4 | 58.7 | 54.2 | 47.1 | 35.1 | 38.7 | | | | 30 |
| 32 | 69.6 | 68.3 | 66.2 | 62.9 | 60 | 58.1 | 53.8 | 50 | 45.5 | 35.1 | 38.7 | 31.1 | | | 32 |
| 34 | 61.8 | 62.4 | 60.4 | 57.6 | 56.5 | 53.4 | 50.1 | 47.6 | 44.2 | 34.9 | 38.7 | 31 | 31.5 | | 34 |
| 36 | | 57.1 | 55.5 | 52.9 | 52.6 | 49.5 | 46.8 | 44.9 | 41.5 | 34.6 | 37.8 | 31 | 31.5 | | 36 |
| 38 | | 52.5 | 51.2 | 48.8 | 48.8 | 45.8 | 44.3 | 41.7 | 38.6 | 33.8 | 36.2 | 31 | 31.5 | 25.5 | 38 |
| 40 | | 48.5 | 47.4 | 46.7 | 45.5 | 42.8 | 41.9 | 38.8 | 37.3 | 33.1 | 35.1 | 30.8 | 31.4 | 25.5 | 40 |
| 45 | | 39.6 | 40.1 | 40.1 | 38.4 | 37.6 | 35.6 | 34.3 | 32.4 | 31 | 30.5 | 29.6 | 28.4 | 25.4 | 45 |
| 50 | | | 34.4 | 34.4 | 33 | 32.6 | 31 | 29.5 | 27.9 | 27.4 | 26.2 | 25.8 | 24.2 | 23.6 | 50 |
| 55 | | | 29.4 | 30 | 28.9 | 28.3 | 26.9 | 25.7 | 24.2 | 23.9 | 22.7 | 22.4 | 20.9 | 20.3 | 55 |
| 60 | | | 25.2 | 26.3 | 25.4 | 24.9 | 23.6 | 22.5 | 21.2 | 20.8 | 19.7 | 19.6 | 18 | 17.6 | 60 |
| 65 | | | | 23.1 | 22.4 | 22 | 20.8 | 19.8 | 18.6 | 18.3 | 17.2 | 17.1 | 15.6 | 15.3 | 65 |
| 70 | | | | 20.3 | 19.9 | 19.6 | 18.4 | 17.5 | 16.3 | 16.1 | 15.1 | 15 | 13.6 | 13.2 | 70 |
| 75 | | | | 17.8 | 17.8 | 17.5 | 16.4 | 15.5 | 14.4 | 14.2 | 13.3 | 13.1 | 11.8 | 11.5 | 75 |
| 80 | | | | | 15.7 | 15.7 | 14.6 | 13.8 | 12.8 | 12.6 | 11.6 | 11.5 | 10.2 | 9.9 | 80 |
| 85 | | | | | 13.9 | 14.1 | 13.2 | 12.3 | 11.3 | 11.1 | 10.2 | 10.1 | 8.8 | 8.6 | 85 |
| 90 | | | | | 12.4 | 12.6 | 11.8 | 11 | 10 | 9.9 | 8.9 | 8.9 | 7.6 | 7.4 | 90 |
| 95 | | | | | | 11.2 | 10.6 | 9.9 | 8.8 | 8.7 | 7.8 | 7.8 | 6.5 | 6.3 | 95 |
| 100 | | | | | | 10 | 9.4 | 8.8 | 7.8 | 7.7 | 6.8 | 6.8 | 5.5 | 5.3 | 100 |
| 105 | | | | | | 9 | 8.3 | 7.9 | 6.9 | 6.7 | 5.9 | 5.8 | 4.6 | 4.4 | 105 |
| 110 | | | | | | | 7.4 | 7 | 6 | 5.9 | 5.1 | 5 | 3.8 | 3.6 | 110 |
| 115 | | | | | | | 6.5 | 6.1 | 5.3 | 5.1 | 4.3 | 4.3 | 3 | 2.9 | 115 |
| 120 | | | | | | | | 5.3 | 4.6 | 4.5 | 3.6 | 3.6 | 2.3 | | 120 |
| 125 | | | | | | | | 4.6 | 3.9 | 3.8 | 3 | 3 | | | 125 |
| 130 | | | | | | | | 4 | 3.2 | 3.2 | 2.4 | 2.3 | | | 130 |
| 135 | | | | | | | | | 2.6 | 2.6 | | | | | 135 |

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Lifting capacities

Forces de levage

T



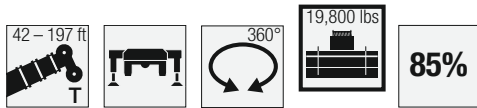
| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 180.8 | 150.4 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 181.4 | 149.1 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.6 | 147.7 | | | | | | | | | | | 12 |
| 13 | 180.5 | 181.5 | 176.1 | 146.4 | 123.6 | | | | | | | | | | 13 |
| 14 | 175.5 | 174.6 | 168.4 | 145 | 122.9 | | | | | | | | | | 14 |
| 15 | 165.6 | 166.1 | 161.4 | 143.6 | 122 | | | | | | | | | | 15 |
| 16 | 156.5 | 157.1 | 154.9 | 142.2 | 121 | 96.8 | | | | | | | | | 16 |
| 17 | 147.5 | 148.3 | 147 | 134.5 | 119.7 | 95.9 | | | | | | | | | 17 |
| 18 | 139 | 139.8 | 137.4 | 128.1 | 118 | 95.1 | | | | | | | | | 18 |
| 19 | 131.3 | 133.2 | 129.7 | 118.6 | 112 | 94.3 | 72.8 | | | | | | | | 19 |
| 20 | 124 | 126 | 120.2 | 111.4 | 105.3 | 92.4 | 72.3 | | | | | | | | 20 |
| 22 | 110.1 | 111.8 | 104.3 | 100.1 | 92.8 | 85.2 | 71.1 | 51.2 | | | | | | | 22 |
| 24 | 98.6 | 98 | 94.2 | 88.8 | 82.2 | 75.4 | 69.1 | 55.2 | | | | | | | 24 |
| 26 | 86 | 86.4 | 84.1 | 79.3 | 73.2 | 68.2 | 64.2 | 54.4 | 43.7 | | | | | | 26 |
| 28 | 74.2 | 77.7 | 75.1 | 70.9 | 65.8 | 61.9 | 59.6 | 53.1 | 43.3 | | | | | | 28 |
| 30 | 65 | 68.9 | 67.6 | 63.9 | 59.6 | 58.3 | 54.3 | 50 | 42.8 | 31.9 | 35.3 | | | | 30 |
| 32 | 56.9 | 60.9 | 61.3 | 58.2 | 54.5 | 53.8 | 49.7 | 46 | 41.5 | 31.9 | 35.3 | 28.3 | | | 32 |
| 34 | 50.5 | 54.5 | 55.8 | 53.2 | 51.8 | 49.4 | 45.9 | 43.7 | 40.2 | 31.7 | 35.3 | 28.2 | 28.7 | | 34 |
| 36 | | 48.9 | 50.5 | 48.9 | 48.7 | 45.8 | 43.2 | 41.3 | 38 | 31.4 | 34.6 | 28.2 | 28.6 | | 36 |
| 38 | | 44.1 | 45.7 | 45 | 45.2 | 42.3 | 40.5 | 38.4 | 35.4 | 30.8 | 33 | 28.1 | 28.6 | 23.2 | 38 |
| 40 | | 40.1 | 41.7 | 42.4 | 42 | 39.4 | 38.6 | 35.7 | 34 | 30.1 | 31.9 | 28 | 28.6 | 23.2 | 40 |
| 45 | | 32.3 | 34.2 | 35.5 | 35.3 | 34.5 | 32.8 | 31.5 | 29.7 | 28.2 | 27.9 | 27 | 25.7 | 23 | 45 |
| 50 | | | 28.4 | 29.7 | 29.6 | 29.9 | 28.4 | 27 | 25.5 | 25 | 23.8 | 23.3 | 21.7 | 20.6 | 50 |
| 55 | | | 23.9 | 25.2 | 25.3 | 25.6 | 24.6 | 23.4 | 22 | 21.7 | 20.5 | 20 | 18.5 | 17.7 | 55 |
| 60 | | | 20.3 | 21.6 | 21.7 | 22 | 21.5 | 20.4 | 19.1 | 18.8 | 17.7 | 17.4 | 15.9 | 15.1 | 60 |
| 65 | | | | 18.8 | 18.8 | 19.1 | 18.8 | 17.9 | 16.7 | 16.4 | 15.4 | 15 | 13.6 | 13 | 65 |
| 70 | | | | 16.4 | 16.4 | 16.7 | 16.3 | 15.7 | 14.6 | 14.4 | 13.4 | 13.1 | 11.7 | 11.2 | 70 |
| 75 | | | | 14.4 | 14.5 | 14.7 | 14.3 | 13.9 | 12.8 | 12.6 | 11.6 | 11.4 | 10.1 | 9.6 | 75 |
| 80 | | | | | 12.7 | 13 | 12.5 | 12.2 | 11.2 | 11.1 | 10.1 | 9.9 | 8.7 | 8.2 | 80 |
| 85 | | | | | 11.2 | 11.4 | 11 | 10.7 | 9.8 | 9.7 | 8.8 | 8.6 | 7.4 | 7 | 85 |
| 90 | | | | | 9.9 | 10.1 | 9.6 | 9.3 | 8.6 | 8.5 | 7.6 | 7.5 | 6.2 | 5.9 | 90 |
| 95 | | | | | | 8.9 | 8.4 | 8.1 | 7.5 | 7.4 | 6.5 | 6.5 | 5.2 | 4.9 | 95 |
| 100 | | | | | | 7.9 | 7.4 | 7.1 | 6.4 | 6.4 | 5.6 | 5.6 | 4.3 | 4.1 | 100 |
| 105 | | | | | | 7 | 6.4 | 6.1 | 5.5 | 5.5 | 4.7 | 4.7 | 3.4 | 3.3 | 105 |
| 110 | | | | | | | 5.6 | 5.3 | 4.7 | 4.7 | 3.9 | 3.9 | 2.6 | 2.4 | 110 |
| 115 | | | | | | | 4.9 | 4.5 | 3.9 | 4 | 3.2 | 3.2 | | | 115 |
| 120 | | | | | | | | 3.9 | 3.2 | 3.3 | 2.5 | 2.5 | | | 120 |
| 125 | | | | | | | | 3.3 | 2.6 | 2.6 | | | | | 125 |
| 130 | | | | | | | | 2.7 | | | | | | | 130 |

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Lifting capacities

Forces de levage

T

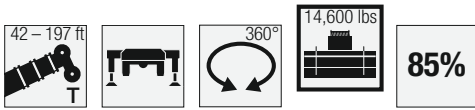


| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 180.8 | 150.4 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 181.4 | 149.1 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.6 | 147.7 | | | | | | | | | | | 12 |
| 13 | 180.2 | 181.5 | 176.1 | 146.4 | 123.6 | | | | | | | | | | 13 |
| 14 | 174.5 | 174.6 | 168.4 | 145 | 122.9 | | | | | | | | | | 14 |
| 15 | 164.6 | 165.2 | 161.4 | 143.4 | 122 | | | | | | | | | | 15 |
| 16 | 155.2 | 155.9 | 154.6 | 138 | 121 | 96.8 | | | | | | | | | 16 |
| 17 | 146.1 | 146.8 | 143.8 | 132.1 | 118.8 | 95.9 | | | | | | | | | 17 |
| 18 | 137.6 | 138.4 | 135.3 | 123.1 | 115.5 | 95.1 | | | | | | | | | 18 |
| 19 | 129.7 | 131.6 | 124.7 | 114.1 | 108.5 | 94.3 | 72.8 | | | | | | | | 19 |
| 20 | 122.2 | 124.1 | 115.5 | 108.9 | 101.1 | 91.1 | 72.3 | | | | | | | | 20 |
| 22 | 108.4 | 107.3 | 101.4 | 96.2 | 88.9 | 81.1 | 71.1 | 51.2 | | | | | | | 22 |
| 24 | 95.6 | 93.8 | 90.6 | 84.8 | 78.3 | 72.3 | 66.6 | 55.2 | | | | | | | 24 |
| 26 | 82.4 | 82.2 | 80.2 | 75.5 | 69.7 | 64.9 | 62.2 | 53.7 | 43.7 | | | | | | 26 |
| 28 | 71.1 | 74.2 | 71.5 | 67.5 | 62.5 | 60.7 | 56.6 | 52.2 | 43.3 | | | | | | 28 |
| 30 | 61.7 | 65.8 | 64.3 | 60.7 | 57.1 | 55.9 | 51.5 | 47.5 | 42.4 | 31.9 | 35.3 | | | | 30 |
| 32 | 54 | 58 | 58.3 | 55.3 | 53.9 | 51.1 | 47.4 | 45.1 | 40.9 | 31.9 | 35.3 | 28.3 | | | 32 |
| 34 | 47.8 | 51.8 | 53.1 | 50.5 | 50.3 | 46.9 | 44.3 | 42.3 | 39 | 31.7 | 35.3 | 28.2 | 28.7 | | 34 |
| 36 | | 46.4 | 48 | 46.3 | 46.2 | 43.4 | 41.7 | 39.1 | 36 | 31.4 | 33.3 | 28.2 | 28.6 | | 36 |
| 38 | | 41.8 | 43.4 | 43.9 | 42.9 | 40.1 | 39.3 | 36.4 | 34.6 | 30.8 | 32.2 | 28.1 | 28.5 | 23.2 | 38 |
| 40 | | 38 | 39.9 | 41.4 | 39.8 | 37.7 | 36.6 | 35 | 32.7 | 30.1 | 31 | 28 | 28.2 | 23.2 | 40 |
| 45 | | 30.5 | 32.4 | 33.8 | 33.4 | 32.9 | 31.3 | 29.7 | 28 | 27.4 | 26.2 | 25.6 | 24.1 | 22.4 | 45 |
| 50 | | | 26.8 | 28.1 | 28.3 | 28.2 | 26.8 | 25.5 | 23.9 | 23.4 | 22.3 | 21.9 | 20.3 | 19.3 | 50 |
| 55 | | | 22.5 | 23.8 | 23.9 | 24.2 | 23.1 | 22 | 20.6 | 20.3 | 19.2 | 18.7 | 17.2 | 16.4 | 55 |
| 60 | | | 19.1 | 20.4 | 20.5 | 20.8 | 20.1 | 19.1 | 17.8 | 17.6 | 16.5 | 16.2 | 14.7 | 14 | 60 |
| 65 | | | | 17.6 | 17.7 | 18 | 17.6 | 16.7 | 15.5 | 15.3 | 14.2 | 13.9 | 12.5 | 12 | 65 |
| 70 | | | | 15.4 | 15.4 | 15.7 | 15.3 | 14.6 | 13.5 | 13.3 | 12.3 | 12 | 10.7 | 10.2 | 70 |
| 75 | | | | 13.5 | 13.5 | 13.8 | 13.4 | 12.8 | 11.8 | 11.6 | 10.6 | 10.4 | 9.2 | 8.7 | 75 |
| 80 | | | | | 11.8 | 12.1 | 11.6 | 11.3 | 10.2 | 10.1 | 9.2 | 9 | 7.8 | 7.3 | 80 |
| 85 | | | | | 10.3 | 10.6 | 10.1 | 9.8 | 8.9 | 8.8 | 7.9 | 7.8 | 6.5 | 6.2 | 85 |
| 90 | | | | | 9.1 | 9.3 | 8.8 | 8.5 | 7.8 | 7.6 | 6.7 | 6.7 | 5.4 | 5.1 | 90 |
| 95 | | | | | | 8.2 | 7.7 | 7.4 | 6.7 | 6.6 | 5.7 | 5.7 | 4.4 | 4.2 | 95 |
| 100 | | | | | | 7.1 | 6.7 | 6.4 | 5.7 | 5.7 | 4.8 | 4.8 | 3.5 | 3.3 | 100 |
| 105 | | | | | | 6.3 | 5.8 | 5.4 | 4.9 | 4.8 | 4 | 4 | 2.6 | 2.4 | 105 |
| 110 | | | | | | | 5 | 4.6 | 4 | 4.1 | 3.2 | 3.2 | | | 110 |
| 115 | | | | | | | 4.3 | 3.9 | 3.3 | 3.4 | 2.4 | 2.5 | | | 115 |
| 120 | | | | | | | | 3.3 | 2.6 | 2.7 | | | | | 120 |
| 125 | | | | | | | | 2.7 | | | | | | | 125 |

t_205_00315_01_000

Lifting capacities Forces de levage

T



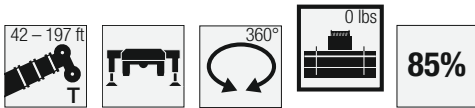
| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 180.8 | 150.4 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 181.4 | 149.1 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 180.6 | 147.7 | | | | | | | | | | | 12 |
| 13 | 179.8 | 181.5 | 176.1 | 146.4 | 123.6 | | | | | | | | | | 13 |
| 14 | 173.1 | 173.6 | 168.4 | 145 | 122.9 | | | | | | | | | | 14 |
| 15 | 163.3 | 163.8 | 161.4 | 143 | 122 | | | | | | | | | | 15 |
| 16 | 153.2 | 154 | 148.6 | 134 | 121 | 96.8 | | | | | | | | | 16 |
| 17 | 144 | 144.5 | 135.9 | 126 | 116.8 | 95.9 | | | | | | | | | 17 |
| 18 | 135.5 | 136.1 | 127.5 | 115.8 | 109.4 | 94 | | | | | | | | | 18 |
| 19 | 127.3 | 127.8 | 117.4 | 110.6 | 102.1 | 90.8 | 72.8 | | | | | | | | 19 |
| 20 | 119.4 | 117.3 | 108.6 | 103.6 | 94.9 | 86.1 | 72.3 | | | | | | | | 20 |
| 22 | 105.6 | 100.8 | 96.7 | 89.8 | 82.5 | 76 | 68.9 | 51.2 | | | | | | | 22 |
| 24 | 91.1 | 87.1 | 84.4 | 78.7 | 72.6 | 67.5 | 64 | 54.6 | | | | | | | 24 |
| 26 | 77.3 | 77.8 | 74.4 | 70 | 64.5 | 62.7 | 57.9 | 52.6 | 43.7 | | | | | | 26 |
| 28 | 65.8 | 68.7 | 66.3 | 62.5 | 59 | 57 | 52.3 | 48.1 | 43.3 | | | | | | 28 |
| 30 | 56.9 | 61 | 59.5 | 56.2 | 55.6 | 51.7 | 48.5 | 45.9 | 41.3 | 31.9 | 35.3 | | | | 30 |
| 32 | 49.7 | 53.7 | 53.9 | 51.1 | 50.7 | 47.2 | 44.8 | 42.3 | 38.9 | 31.9 | 34.7 | 28.3 | | | 32 |
| 34 | 43.9 | 47.9 | 49 | 47.8 | 46.5 | 43.3 | 42.2 | 38.9 | 36.4 | 31.7 | 33.1 | 28.2 | 28.7 | | 34 |
| 36 | | 42.8 | 44.4 | 45 | 42.7 | 40.3 | 39 | 37 | 34.8 | 31.4 | 32.1 | 28.2 | 28.7 | | 36 |
| 38 | | 38.5 | 40.6 | 41.5 | 39.6 | 38.5 | 36.1 | 34.7 | 32.6 | 30.8 | 30.5 | 28.1 | 28.1 | 23.2 | 38 |
| 40 | | 34.9 | 36.9 | 38.4 | 36.7 | 36 | 34 | 32.2 | 30.3 | 29.4 | 28.3 | 27.6 | 26.1 | 23.2 | 40 |
| 45 | | 27.9 | 29.8 | 31.2 | 31 | 30.2 | 28.7 | 27.2 | 25.5 | 25 | 23.8 | 23.3 | 21.7 | 20.5 | 45 |
| 50 | | | 24.6 | 25.9 | 26 | 25.9 | 24.4 | 23.2 | 21.7 | 21.2 | 20.1 | 19.7 | 18.2 | 17.2 | 50 |
| 55 | | | 20.5 | 21.9 | 22 | 22.2 | 21 | 19.9 | 18.6 | 18.3 | 17.2 | 16.8 | 15.3 | 14.5 | 55 |
| 60 | | | 17.4 | 18.6 | 18.7 | 19 | 18.2 | 17.2 | 16 | 15.7 | 14.6 | 14.4 | 13 | 12.2 | 60 |
| 65 | | | | 16 | 16.1 | 16.4 | 15.8 | 14.9 | 13.8 | 13.6 | 12.5 | 12.3 | 10.9 | 10.4 | 65 |
| 70 | | | | 13.9 | 14 | 14.2 | 13.8 | 13 | 11.9 | 11.7 | 10.7 | 10.5 | 9.2 | 8.7 | 70 |
| 75 | | | | 12 | 12.1 | 12.4 | 11.9 | 11.3 | 10.3 | 10.1 | 9.1 | 9 | 7.7 | 7.3 | 75 |
| 80 | | | | | 10.5 | 10.8 | 10.3 | 9.8 | 8.9 | 8.7 | 7.8 | 7.7 | 6.4 | 6.1 | 80 |
| 85 | | | | | 9.1 | 9.3 | 8.9 | 8.5 | 7.6 | 7.5 | 6.6 | 6.5 | 5.2 | 5 | 85 |
| 90 | | | | | 7.9 | 8.1 | 7.7 | 7.3 | 6.5 | 6.4 | 5.5 | 5.5 | 4.2 | 4 | 90 |
| 95 | | | | | | 7.1 | 6.6 | 6.3 | 5.5 | 5.4 | 4.5 | 4.5 | 3.2 | 3 | 95 |
| 100 | | | | | | 6.1 | 5.6 | 5.3 | 4.6 | 4.5 | 3.7 | 3.7 | | | 100 |
| 105 | | | | | | 5.3 | 4.8 | 4.5 | 3.9 | 3.8 | 2.9 | 2.9 | | | 105 |
| 110 | | | | | | | 4 | 3.7 | 3.1 | 3 | | | | | 110 |
| 115 | | | | | | | 3.4 | 3 | 2.3 | 2.3 | | | | | 115 |
| 120 | | | | | | | | 2.4 | | | | | | | 120 |

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Lifting capacities

Forces de levage

T

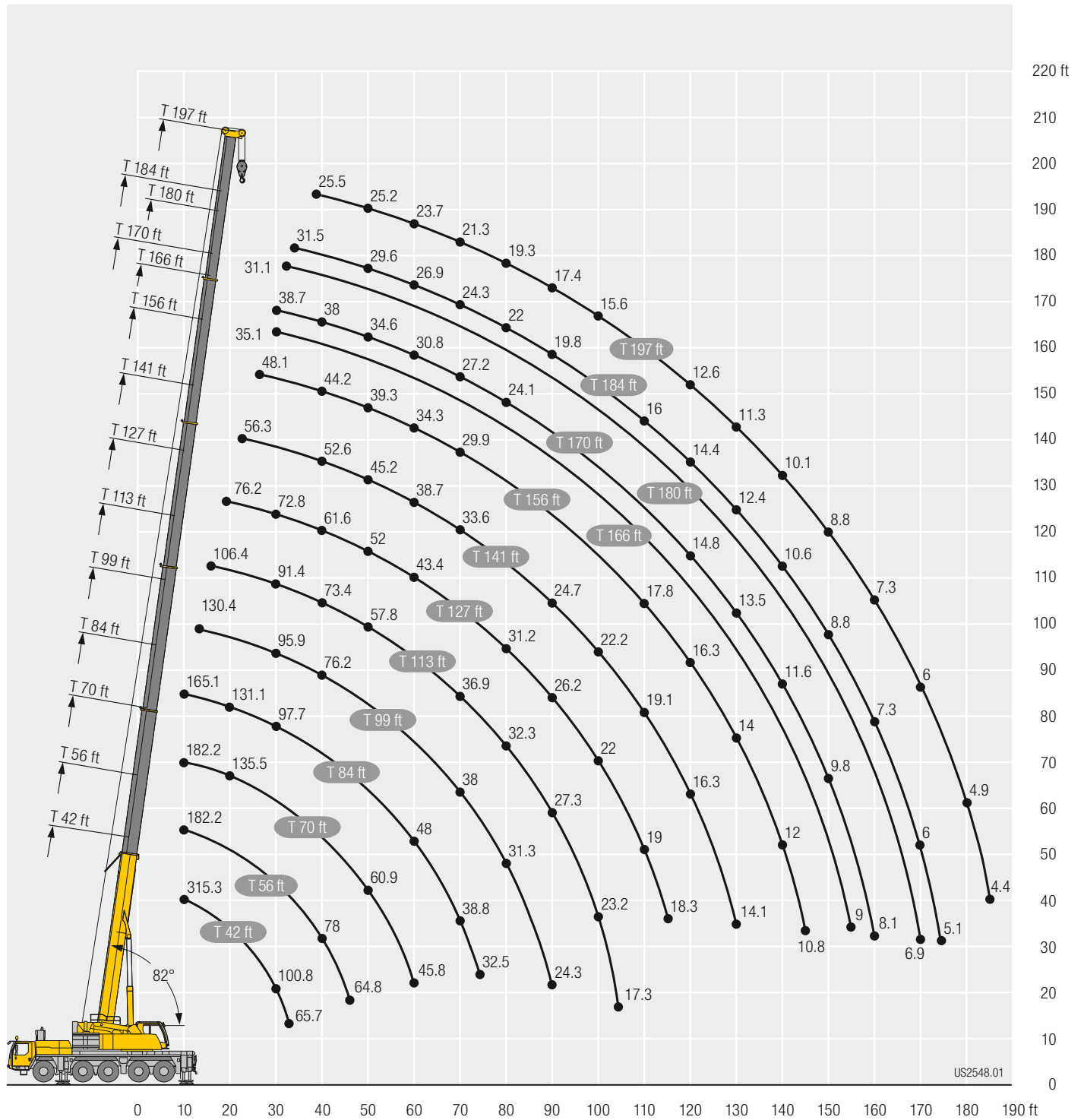


| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 182.2 | 182.2 | 180.8 | 150.4 | | | | | | | | | | | 10 |
| 11 | 182.2 | 182.2 | 181.4 | 149.1 | | | | | | | | | | | 11 |
| 12 | 182.2 | 182.2 | 179.5 | 147.7 | | | | | | | | | | | 12 |
| 13 | 178.1 | 178.6 | 170.2 | 141.1 | 123.6 | | | | | | | | | | 13 |
| 14 | 167.2 | 167.8 | 149.6 | 131.7 | 119.4 | | | | | | | | | | 14 |
| 15 | 155.9 | 151.5 | 134.8 | 124.2 | 113.5 | | | | | | | | | | 15 |
| 16 | 145.8 | 135.8 | 124 | 114.8 | 102.9 | 90.9 | | | | | | | | | 16 |
| 17 | 134.4 | 123.8 | 112.8 | 104.8 | 93.6 | 83.1 | | | | | | | | | 17 |
| 18 | 122.1 | 111.9 | 105 | 95.1 | 85.4 | 77.6 | | | | | | | | | 18 |
| 19 | 110 | 101.3 | 95.5 | 87 | 78.7 | 73 | 67.6 | | | | | | | | 19 |
| 20 | 98.8 | 92.8 | 87.4 | 80.2 | 73.5 | 69.7 | 62.7 | | | | | | | | 20 |
| 22 | 81.4 | 78.6 | 74.2 | 68.7 | 66.5 | 60.8 | 55.6 | 50.3 | | | | | | | 22 |
| 24 | 69.1 | 67.4 | 64.3 | 61 | 58.4 | 53.6 | 50.7 | 46.8 | | | | | | | 24 |
| 26 | 58.3 | 58.5 | 56.4 | 55.6 | 51.8 | 48.8 | 46 | 42.9 | 38.2 | | | | | | 26 |
| 28 | 49 | 51.3 | 50.6 | 49.5 | 46.4 | 44.8 | 41.9 | 39.2 | 36.1 | | | | | | 28 |
| 30 | 42 | 45.5 | 45.2 | 44.4 | 42.3 | 40.5 | 38 | 35.6 | 33.2 | 31.6 | 30.7 | | | | 30 |
| 32 | 36.3 | 40.3 | 40.7 | 40.3 | 38.4 | 36.9 | 34.6 | 32.5 | 30.3 | 29.4 | 28 | 26.8 | | | 32 |
| 34 | 31.7 | 35.7 | 36.8 | 36.7 | 35 | 33.7 | 31.6 | 29.8 | 27.7 | 27 | 25.5 | 25 | 23.2 | | 34 |
| 36 | | 31.7 | 33.4 | 33.5 | 32 | 31.1 | 29 | 27.3 | 25.4 | 24.7 | 23.5 | 22.9 | 21.2 | | 36 |
| 38 | | 28.3 | 30.3 | 30.7 | 29.5 | 28.5 | 26.7 | 25.2 | 23.4 | 22.8 | 21.5 | 21.1 | 19.4 | 18.3 | 38 |
| 40 | | 25.4 | 27.4 | 28.2 | 27.1 | 26.4 | 24.7 | 23.2 | 21.6 | 21.1 | 19.8 | 19.4 | 17.8 | 16.7 | 40 |
| 45 | | 19.8 | 21.7 | 23.1 | 22.3 | 21.8 | 20.5 | 19.2 | 17.7 | 17.3 | 16.2 | 15.9 | 14.4 | 13.5 | 45 |
| 50 | | | 17.6 | 18.9 | 18.7 | 18.3 | 17.1 | 16 | 14.7 | 14.4 | 13.3 | 13.1 | 11.6 | 10.9 | 50 |
| 55 | | | 14.3 | 15.7 | 15.7 | 15.5 | 14.3 | 13.4 | 12.2 | 12 | 10.9 | 10.7 | 9.3 | 8.7 | 55 |
| 60 | | | 11.6 | 13 | 13.2 | 13.2 | 12.1 | 11.2 | 10.1 | 9.9 | 8.9 | 8.8 | 7.4 | 7 | 60 |
| 65 | | | 10.8 | 11 | 11.2 | 10.2 | 9.4 | 8.4 | 8.2 | 7.2 | 7.2 | 7.2 | 5.8 | 5.5 | 65 |
| 70 | | | 9 | 9.1 | 9.4 | 8.6 | 7.9 | 6.9 | 6.8 | 5.8 | 5.7 | 5.7 | 4.4 | 4.1 | 70 |
| 75 | | | 7.5 | 7.6 | 7.9 | 7.3 | 6.5 | 5.6 | 5.5 | 4.6 | 4.5 | 4.5 | 2.9 | 2.6 | 75 |
| 80 | | | | | 6.3 | 6.6 | 6.1 | 5.4 | 4.5 | 4.4 | 3.3 | 3.3 | | | 80 |
| 85 | | | | | 5.2 | 5.5 | 5 | 4.4 | 3.4 | 3.3 | | | | | 85 |
| 90 | | | | | 4.3 | 4.5 | 4.1 | 3.5 | 2.2 | | | | | | 90 |
| 95 | | | | | | 3.7 | 3.1 | 2.4 | | | | | | | 95 |
| 100 | | | | | | 2.9 | | | | | | | | | 100 |
| 105 | | | | | | 2.3 | | | | | | | | | 105 |

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Lifting heights Hauteurs de levage

T



Lifting capacities Forces de levage

TK



| ↙ | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | ↘ |
|-----|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 14 | 38.7 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 38.7 | | | 38.7 | | | | | | | | | | | | | | | 15 |
| 16 | 38.7 | 37.6 | | 38.7 | | | | | | | | | | | | | | | 16 |
| 17 | 38.7 | 37.5 | | 38.7 | | | | | | | | | | | | | | | 17 |
| 18 | 38.7 | 37.3 | | 38.7 | | | 38.7 | | | | | | | | | | | | 18 |
| 19 | 38.2 | 36.4 | | 38.7 | | | 38.7 | | | | | | | | | | | | 19 |
| 20 | 37.6 | 35.7 | | 38.7 | | | 38.7 | | | | | | | | | | | | 20 |
| 22 | 36.2 | 34.5 | | 38.7 | | | 38.7 | | | 37.2 | | | | | | | | | 22 |
| 24 | 34.8 | 33.2 | | 38.7 | | | 38.7 | | | 37.1 | | | | | | | | | 24 |
| 26 | 33.4 | 32 | 25.9 | 38.7 | | | 38.7 | | | 37 | | | 31.8 | | | | | | 26 |
| 28 | 31.9 | 30.8 | 25.5 | 38.7 | 33.4 | | 38.7 | | | 36.7 | | | 31.7 | | | 19.5 | | | 28 |
| 30 | 30.4 | 29.7 | 24.7 | 38.7 | 32.6 | | 38.7 | 32.3 | | 36.3 | | | 31.7 | | | 26.5 | | | 30 |
| 32 | 28.9 | 28.6 | 24.1 | 38.7 | 31.8 | | 38.7 | 31.7 | | 35.8 | | | 31.4 | | | 26.4 | | | 32 |
| 34 | 27.4 | 27.6 | 23.4 | 38.7 | 31 | | 38.6 | 31 | | 35.3 | 30 | | 31.2 | | | 26.3 | | | 34 |
| 36 | 25.9 | 26.7 | 22.9 | 38.7 | 30.4 | 24.2 | 37.9 | 30.4 | | 34.8 | 29.6 | | 30.8 | | | 26.2 | | | 36 |
| 38 | 24.4 | 25.8 | 22.3 | 38.3 | 29.7 | 23.8 | 37.2 | 29.7 | 23.7 | 34.3 | 29 | | 30.5 | 27.5 | | 26.1 | | | 38 |
| 40 | 23.2 | 24.5 | 21.8 | 37.6 | 29.1 | 23.5 | 36.5 | 29.2 | 23.5 | 33.9 | 28.5 | | 30.2 | 27.1 | | 25.9 | | | 40 |
| 45 | 20.5 | 21.3 | 20 | 35.6 | 27.6 | 22.6 | 34.9 | 27.8 | 22.7 | 32.7 | 27.3 | 22.5 | 29.4 | 26.1 | | 25.5 | 24.2 | | 45 |
| 50 | 18.3 | 19.3 | 18.4 | 33.6 | 26.2 | 21.9 | 33.4 | 26.6 | 22 | 31.5 | 26.3 | 21.8 | 28.6 | 25.2 | 21.4 | 25 | 23.5 | | 50 |
| 55 | 16.5 | 18.1 | 17.5 | 31.5 | 25.1 | 21.2 | 31.9 | 25.5 | 21.4 | 30.4 | 25.3 | 21.2 | 27.8 | 24.4 | 20.8 | 24.6 | 22.9 | 19.5 | 55 |
| 60 | 15 | 17.1 | 16.9 | 29.3 | 24 | 20.6 | 30.4 | 24.5 | 20.8 | 29.3 | 24.4 | 20.7 | 27.1 | 23.6 | 20.3 | 24 | 22.3 | 19.5 | 60 |
| 65 | 13.7 | 16.4 | 6.4 | 27.2 | 23 | 20 | 28.9 | 23.6 | 20.3 | 28.3 | 23.5 | 20.2 | 26.3 | 22.9 | 19.9 | 23.5 | 21.7 | 19.5 | 65 |
| 70 | | | | 25 | 22.2 | 19.6 | 27.2 | 22.7 | 19.8 | 27.2 | 22.7 | 19.8 | 25.6 | 22.2 | 19.5 | 22.7 | 21.1 | 19.3 | 70 |
| 75 | | | | 23.1 | 21.3 | 19.1 | 25.5 | 22 | 19.3 | 26.2 | 22 | 19.3 | 24.6 | 21.6 | 19.4 | 21.8 | 20.6 | 18.9 | 75 |
| 80 | | | | 21.6 | 20.4 | 18.6 | 23.7 | 21.2 | 18.9 | 25 | 21.4 | 19 | 23.5 | 21 | 19.1 | 21 | 20.1 | 18.6 | 80 |
| 85 | | | | 20.2 | 19.6 | 18.1 | 22.2 | 20.5 | 18.5 | 23.6 | 20.8 | 18.6 | 22.4 | 20.5 | 18.7 | 20 | 19.4 | 18.3 | 85 |
| 90 | | | | 18.9 | 18.9 | 17.7 | 20.9 | 19.8 | 18.2 | 22.2 | 20.2 | 18.3 | 21.2 | 19.9 | 18.3 | 18.8 | 18.6 | 17.9 | 90 |
| 95 | | | | 17.8 | 18.2 | 17.4 | 19.7 | 19.1 | 17.8 | 20.9 | 19.6 | 18 | 20.1 | 19.3 | 17.9 | 17.7 | 17.7 | 17.3 | 95 |
| 100 | | | | 16.7 | 17.7 | 17.1 | 18.6 | 18.5 | 17.4 | 19.7 | 19 | 17.7 | 18.7 | 18.7 | 17.7 | 16.8 | 16.9 | 16.7 | 100 |
| 105 | | | | 15.8 | 17.2 | 16.9 | 17.6 | 18 | 17.2 | 18.7 | 18.5 | 17.4 | 17.2 | 17.9 | 17.3 | 15.9 | 16 | 15.9 | 105 |
| 110 | | | | 15 | 16.7 | 14 | 16.7 | 17.5 | 16.9 | 17.5 | 17.8 | 17.1 | 15.8 | 16.8 | 16.8 | 15 | 15.1 | 15.2 | 110 |
| 115 | | | | 14.2 | 16.4 | | 15.9 | 17 | 16.7 | 16.3 | 16.8 | 16.7 | 14.7 | 15.4 | 16 | 14.1 | 14.3 | 14.4 | 115 |
| 120 | | | | 13.6 | 16.3 | | 15.1 | 16.1 | 16.2 | 15 | 15.6 | 16 | 13.9 | 14.2 | 14.7 | 13 | 13.5 | 13.6 | 120 |
| 125 | | | | 12.4 | | | 14.3 | 14.8 | | 13.7 | 14.3 | 14.6 | 13.2 | 13.2 | 13.5 | 11.9 | 12.7 | 12.9 | 125 |
| 130 | | | | | | | 13.5 | 13.7 | | 12.6 | 13.1 | 13.4 | 12.4 | 12.6 | 12.6 | 10.9 | 11.7 | 12.2 | 130 |
| 135 | | | | | | | 12.5 | 12.7 | | 11.6 | 12 | | 11.4 | 11.9 | 12.1 | 10.4 | 10.7 | 11.3 | 135 |
| 140 | | | | | | | 7.9 | | | 10.6 | 11 | | 10.4 | 10.9 | 11.3 | 10 | 10 | 10.4 | 140 |
| 145 | | | | | | | | | | 9.7 | 10 | | 9.5 | 10 | 10.3 | 9.5 | 9.5 | 9.6 | 145 |
| 150 | | | | | | | | | | 8.8 | 9.1 | | 8.7 | 9.1 | | 8.9 | 9.1 | 9.2 | 150 |
| 155 | | | | | | | | | | | | | 8.2 | 8.3 | | 8.1 | 8.5 | 8.8 | 155 |
| 160 | | | | | | | | | | | | | 7.9 | 8 | | 7.4 | 7.7 | | 160 |
| 165 | | | | | | | | | | | | | 7.7 | 7.8 | | 6.9 | 7 | | 165 |
| 170 | | | | | | | | | | | | | | | | 6.6 | 6.6 | | 170 |
| 175 | | | | | | | | | | | | | | | | 6.4 | 6.4 | | 175 |
| 180 | | | | | | | | | | | | | | | | 6 | | | 180 |

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Lifting capacities Forces de levage

TK



| Lifting height (ft) | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | Lifting height (ft) |
|---------------------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|---------------------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 32 | 18.4 | | | 19.5 | | | | | | | | | | | | 32 |
| 34 | 18.4 | | | 19.5 | | | 16.3 | | | | | | | | | 34 |
| 36 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | | | | 36 |
| 38 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | | | | 38 |
| 40 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | 13.9 | | | 40 |
| 45 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | 13.9 | | | 45 |
| 50 | 18.3 | 17.9 | | 19.5 | 19.5 | | 16.3 | 16 | | 16.5 | 16.3 | | 13.9 | | | 50 |
| 55 | 18.1 | 17.5 | | 19.5 | 19.5 | | 16.2 | 16 | | 16.5 | 16.3 | | 13.9 | 13.6 | | 55 |
| 60 | 17.4 | 16.8 | 16.3 | 19.5 | 19.5 | 18.6 | 16.2 | 15.9 | 15.3 | 16.5 | 16.3 | | 13.8 | 13.6 | | 60 |
| 65 | 16.8 | 16.2 | 15.6 | 19.5 | 19.4 | 18.3 | 15.8 | 15.6 | 15.1 | 16.2 | 16.2 | 15.5 | 13.8 | 13.5 | 13.1 | 65 |
| 70 | 16.1 | 15.6 | 15.1 | 19.4 | 18.9 | 18 | 15.3 | 15 | 14.7 | 15.9 | 15.8 | 15.4 | 13.6 | 13.4 | 13.1 | 70 |
| 75 | 15.4 | 14.9 | 14.5 | 18.6 | 18.2 | 17.7 | 14.9 | 14.5 | 14.2 | 15.6 | 15.3 | 15.1 | 13.4 | 13.3 | 13.1 | 75 |
| 80 | 14.7 | 14.3 | 14 | 17.8 | 17.4 | 17.1 | 14.3 | 13.9 | 13.7 | 15.1 | 14.8 | 14.6 | 13.1 | 13 | 13 | 80 |
| 85 | 13.9 | 13.7 | 13.5 | 16.9 | 16.6 | 16.5 | 13.7 | 13.4 | 13.3 | 14.5 | 14.2 | 14.1 | 12.8 | 12.6 | 12.6 | 85 |
| 90 | 13.3 | 13 | 13 | 16.1 | 15.9 | 15.8 | 13.1 | 12.9 | 12.8 | 13.9 | 13.7 | 13.6 | 12.4 | 12.2 | 12.2 | 90 |
| 95 | 12.6 | 12.5 | 12.4 | 15.4 | 15.1 | 15.1 | 12.5 | 12.3 | 12.3 | 13.3 | 13.2 | 13.2 | 11.9 | 11.8 | 11.8 | 95 |
| 100 | 12 | 11.9 | 11.9 | 14.7 | 14.5 | 14.5 | 12 | 11.8 | 11.9 | 12.8 | 12.7 | 12.7 | 11.5 | 11.4 | 11.4 | 100 |
| 105 | 11.4 | 11.4 | 11.4 | 14 | 13.8 | 13.8 | 11.4 | 11.4 | 11.4 | 12.2 | 12.1 | 12.2 | 11 | 11 | 11 | 105 |
| 110 | 10.8 | 10.8 | 10.9 | 13.3 | 13.2 | 13.2 | 10.9 | 10.9 | 10.9 | 11.7 | 11.6 | 11.7 | 10.6 | 10.6 | 10.6 | 110 |
| 115 | 10.2 | 10.3 | 10.4 | 12.7 | 12.6 | 12.7 | 10.4 | 10.5 | 10.5 | 11.2 | 11.1 | 11.2 | 10.2 | 10.2 | 10.3 | 115 |
| 120 | 9.7 | 9.8 | 10 | 12 | 12.1 | 12.1 | 10 | 10 | 10.1 | 10.7 | 10.7 | 10.8 | 9.7 | 9.8 | 10 | 120 |
| 125 | 9.2 | 9.4 | 9.5 | 11.4 | 11.5 | 11.6 | 9.6 | 9.6 | 9.7 | 10.3 | 10.2 | 10.3 | 9.3 | 9.4 | 9.6 | 125 |
| 130 | 8.7 | 8.9 | 9.1 | 10.8 | 10.9 | 11.1 | 9.1 | 9.2 | 9.4 | 9.9 | 9.8 | 9.9 | 8.9 | 9 | 9.3 | 130 |
| 135 | 8.3 | 8.5 | 8.7 | 10.1 | 10.4 | 10.6 | 8.7 | 8.9 | 9 | 9.5 | 9.5 | 9.6 | 8.5 | 8.7 | 8.9 | 135 |
| 140 | 7.9 | 8.1 | 8.3 | 9.4 | 9.8 | 10.1 | 8.4 | 8.5 | 8.6 | 9.1 | 9.1 | 9.2 | 8.1 | 8.3 | 8.5 | 140 |
| 145 | 7.6 | 7.7 | 7.9 | 8.7 | 9.2 | 9.5 | 8 | 8.1 | 8.3 | 8.6 | 8.8 | 8.9 | 7.7 | 7.9 | 8.1 | 145 |
| 150 | 7.2 | 7.3 | 7.5 | 8.3 | 8.5 | 8.8 | 7.7 | 7.8 | 7.9 | 8.1 | 8.4 | 8.6 | 7.3 | 7.5 | 7.7 | 150 |
| 155 | 6.9 | 7 | 7.1 | 8 | 8 | 8.1 | 7.4 | 7.5 | 7.6 | 7.5 | 7.9 | 8.1 | 6.9 | 7.2 | 7.3 | 155 |
| 160 | 6.6 | 6.6 | 6.8 | 7.7 | 7.7 | 7.8 | 7.1 | 7.2 | 7.3 | 6.9 | 7.4 | 7.6 | 6.5 | 6.8 | 7 | 160 |
| 165 | 6.3 | 6.4 | 6.4 | 7.2 | 7.4 | 7.5 | 6.8 | 6.9 | 7 | 6.2 | 6.7 | 7 | 6 | 6.4 | 6.6 | 165 |
| 170 | 6 | 6.1 | | 6.6 | 6.9 | | 6.4 | 6.6 | 6.7 | 5.6 | 6.1 | 6.3 | 5.4 | 5.9 | 6.1 | 170 |
| 175 | 5.7 | 5.8 | | 6 | 6.4 | | 6 | 6.2 | 6.4 | 5 | 5.4 | 5.6 | 4.9 | 5.3 | 5.6 | 175 |
| 180 | 5.4 | 5.5 | | 5.5 | 5.7 | | 5.5 | 5.8 | | 4.4 | 4.8 | 5 | 4.3 | 4.7 | 4.9 | 180 |
| 185 | 5.2 | 5.3 | | 5 | 5.2 | | 4.9 | 5.2 | | 3.9 | 4.3 | | 3.8 | 4.2 | 4.4 | 185 |
| 190 | 4.8 | | | 4.5 | 4.6 | | 4.4 | 4.7 | | 3.4 | 3.7 | | 3.3 | 3.7 | 3.8 | 190 |
| 195 | | | | 3.8 | | | 4 | 4.2 | | 3 | 3.2 | | 2.8 | 3.1 | | 195 |
| 200 | | | | | | | 3.5 | 3.7 | | 2.5 | 2.7 | | 2.4 | 2.7 | | 200 |
| 205 | | | | | | | 3 | | | 2.1 | 2.3 | | 1.9 | 2.2 | | 205 |
| 210 | | | | | | | | | | 1.8 | | | | 1.8 | | 210 |

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Lifting capacities Forces de levage

TK





| ↙ | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | ↘ |
|-----|-------|------|-----|-------|------|-----|--------|------|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 17 | 16.7 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 16.6 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 16.4 | | | | | | | | | | | | | | | | | | 19 |
| 20 | 16.3 | | | 14.2 | | | | | | | | | | | | | | | 20 |
| 22 | 16 | | | 14.1 | | | | | | | | | | | | | | | 22 |
| 24 | 15.7 | | | 14 | | | 13.5 | | | | | | | | | | | | 24 |
| 26 | 15.3 | | | 13.9 | | | 13.4 | | | 12.6 | | | | | | | | | 26 |
| 28 | 14.9 | | | 13.7 | | | 13.3 | | | 12.5 | | | | | | | | | 28 |
| 30 | 14.5 | 11.7 | | 13.6 | | | 13.2 | | | 12.5 | | | 12 | | | | | | 30 |
| 32 | 14.1 | 11.6 | | 13.5 | | | 13.1 | | | 12.4 | | | 11.9 | | | 11.9 | | | 32 |
| 34 | 13.7 | 11.4 | | 13.3 | | | 12.9 | | | 12.3 | | | 11.8 | | | 11.8 | | | 34 |
| 36 | 13.3 | 11.1 | | 13.1 | | | 12.8 | | | 12.2 | | | 11.7 | | | 11.7 | | | 36 |
| 38 | 13 | 10.8 | | 12.9 | | | 12.6 | | | 12.1 | | | 11.6 | | | 11.6 | | | 38 |
| 40 | 12.6 | 10.6 | | 12.8 | | | 12.5 | | | 11.9 | | | 11.5 | | | 11.5 | | | 40 |
| 45 | 11.8 | 10.1 | | 12.3 | 10.3 | | 12.1 | 10.2 | | 11.7 | | | 11.3 | | | 11.4 | | | 45 |
| 50 | 11.1 | 9.7 | 8.7 | 11.9 | 10 | | 11.8 | 10 | | 11.4 | 9.8 | | 11.1 | | | 11.2 | | | 50 |
| 55 | 10.4 | 9.3 | 8.5 | 11.5 | 9.7 | | 11.5 | 9.7 | | 11.1 | 9.6 | | 10.8 | 9.6 | | 11 | 9.6 | | 55 |
| 60 | 9.9 | 9 | 8.3 | 11.2 | 9.5 | 8.4 | 11.1 | 9.5 | | 10.8 | 9.4 | | 10.6 | 9.4 | | 10.7 | 9.5 | | 60 |
| 65 | 9.3 | 8.8 | 8.1 | 10.8 | 9.2 | 8.3 | 10.8 | 9.3 | 8.2 | 10.5 | 9.2 | 8.2 | 10.4 | 9.2 | | 10.5 | 9.3 | | 65 |
| 70 | 8.7 | 8.5 | 8 | 10.4 | 9 | 8.2 | 10.5 | 9.1 | 8.1 | 10.3 | 9 | 8.1 | 10.2 | 9 | 8.1 | 10.3 | 9.1 | | 70 |
| 75 | 8 | 8.3 | 7.9 | 10.1 | 8.9 | 8.1 | 10.2 | 8.9 | 8.1 | 10 | 8.9 | 8 | 9.9 | 8.9 | 8 | 10 | 8.9 | 8 | 75 |
| 80 | 7.5 | 8.1 | 7.9 | 9.8 | 8.7 | 8 | 9.9 | 8.7 | 8 | 9.8 | 8.7 | 8 | 9.7 | 8.7 | 7.9 | 9.8 | 8.8 | 7.9 | 80 |
| 85 | 7 | 8 | 7.9 | 9.5 | 8.5 | 7.9 | 9.6 | 8.6 | 7.9 | 9.6 | 8.6 | 7.9 | 9.6 | 8.6 | 7.9 | 9.7 | 8.7 | 7.9 | 85 |
| 90 | 6.5 | 7.9 | 7.9 | 9.3 | 8.4 | 7.8 | 9.4 | 8.4 | 7.8 | 9.4 | 8.4 | 7.8 | 9.4 | 8.4 | 7.8 | 9.5 | 8.6 | 7.8 | 90 |
| 95 | 6.1 | 7.9 | | 9 | 8.3 | 7.8 | 9.2 | 8.3 | 7.8 | 9.2 | 8.3 | 7.8 | 9.2 | 8.3 | 7.8 | 9.3 | 8.4 | 7.8 | 95 |
| 100 | | | | 8.6 | 8.1 | 7.7 | 9 | 8.2 | 7.8 | 9 | 8.2 | 7.7 | 9 | 8.2 | 7.7 | 9.2 | 8.3 | 7.7 | 100 |
| 105 | | | | 8.3 | 8.1 | 7.7 | 8.7 | 8.1 | 7.7 | 8.8 | 8.1 | 7.7 | 8.9 | 8.1 | 7.7 | 9 | 8.2 | 7.7 | 105 |
| 110 | | | | 7.9 | 8 | 7.7 | 8.4 | 8 | 7.7 | 8.6 | 8 | 7.7 | 8.7 | 8.1 | 7.7 | 8.9 | 8.1 | 7.7 | 110 |
| 115 | | | | 7.6 | 7.9 | 7.7 | 8.1 | 8 | 7.7 | 8.4 | 7.9 | 7.7 | 8.5 | 8 | 7.7 | 8.7 | 8 | 7.6 | 115 |
| 120 | | | | 7.3 | 7.8 | 7.7 | 7.8 | 7.9 | 7.7 | 8.1 | 7.9 | 7.7 | 8.4 | 7.9 | 7.7 | 8.6 | 8 | 7.6 | 120 |
| 125 | | | | 7 | 7.7 | 7.7 | 7.5 | 7.8 | 7.7 | 7.9 | 7.9 | 7.7 | 8.2 | 7.9 | 7.7 | 8.4 | 7.9 | 7.6 | 125 |
| 130 | | | | 6.8 | 7.6 | 7.7 | 7.3 | 7.8 | 7.7 | 7.6 | 7.8 | 7.7 | 7.9 | 7.8 | 7.7 | 8.3 | 7.8 | 7.6 | 130 |
| 135 | | | | 6.6 | 7.4 | 7.5 | 7 | 7.7 | 7.7 | 7.4 | 7.6 | 7.7 | 7.7 | 7.8 | 7.7 | 8.1 | 7.8 | 7.6 | 135 |
| 140 | | | | 6.4 | 7.1 | | 6.8 | 7.6 | 7.7 | 7.1 | 7.4 | 7.7 | 7.4 | 7.7 | 7.7 | 7.9 | 7.7 | 7.6 | 140 |
| 145 | | | | 6.2 | 6.8 | | 6.6 | 7.4 | 7.6 | 6.9 | 7.2 | 7.4 | 7.2 | 7.5 | 7.6 | 7.7 | 7.7 | 7.6 | 145 |
| 150 | | | | 6.1 | 6.6 | | 6.4 | 7.2 | | 6.7 | 7 | 7.2 | 7 | 7.3 | 7.5 | 7.5 | 7.7 | 7.6 | 150 |
| 155 | | | | | | | 6.2 | 7 | | 6.5 | 6.7 | 6.9 | 6.9 | 7.1 | 7.3 | 7.3 | 7.6 | 7.6 | 155 |
| 160 | | | | | | | 6.1 | 6.8 | | 6.3 | 6.5 | 6.6 | 6.7 | 6.9 | 7.1 | 7.1 | 7.4 | 7.6 | 160 |
| 165 | | | | | | | 6 | | | 6.1 | 6.3 | | 6.5 | 6.7 | 6.8 | 6.9 | 7.3 | 7.5 | 165 |
| 170 | | | | | | | | | | 5.9 | 6 | | 6.3 | 6.5 | 6.6 | 6.7 | 7.1 | 7.3 | 170 |
| 175 | | | | | | | | | | 5.7 | 5.8 | | 6.2 | 6.3 | | 6.4 | 6.9 | 7 | 175 |
| 180 | | | | | | | | | | 5.6 | | | 6 | 6.1 | | 5.9 | 6.5 | 6.7 | 180 |
| 185 | | | | | | | | | | | | | 5.9 | 5.9 | | 5.4 | 5.9 | | 185 |
| 190 | | | | | | | | | | | | | 5.7 | 5.8 | | 5.1 | 5.4 | | 190 |
| 195 | | | | | | | | | | | | | 4.8 | | | 4.9 | 5 | | 195 |
| 200 | | | | | | | | | | | | | | | | 4.7 | 4.8 | | 200 |
| 205 | | | | | | | | | | | | | | | | 4.6 | 4.7 | | 205 |
| 210 | | | | | | | | | | | | | | | | 2.6 | | | 210 |

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Lifting capacities Forces de levage

TK



|  | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | |  |
|---|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|---|
| | 0° | 20° | 40° | 0° | 20° | 40° | 62 ft | | | 0° | 20° | 40° | 0° | 20° | 40° | |
| 36 | 10.1 | | | 10.9 | | | | | | | | | | | | 36 |
| 38 | 10.1 | | | 10.8 | | | | | | | | | | | | 38 |
| 40 | 10.1 | | | 10.8 | | | 9.4 | | | 9.5 | | | | | | 40 |
| 45 | 9.9 | | | 10.6 | | | 9.3 | | | 9.4 | | | 8.5 | | | 45 |
| 50 | 9.8 | | | 10.5 | | | 9.3 | | | 9.3 | | | 8.5 | | | 50 |
| 55 | 9.7 | | | 10.3 | | | 9.2 | | | 9.2 | | | 8.4 | | | 55 |
| 60 | 9.6 | 8.9 | | 10.2 | 9.2 | | 9.1 | | | 9.2 | | | 8.4 | | | 60 |
| 65 | 9.5 | 8.8 | | 10 | 9 | | 9 | 8.5 | | 9.1 | 8.5 | | 8.3 | | | 65 |
| 70 | 9.3 | 8.7 | | 9.8 | 8.9 | | 8.9 | 8.4 | | 9 | 8.4 | | 8.2 | 7.8 | | 70 |
| 75 | 9.2 | 8.6 | | 9.6 | 8.8 | | 8.8 | 8.3 | | 8.9 | 8.3 | | 8.2 | 7.8 | | 75 |
| 80 | 9 | 8.4 | 7.8 | 9.5 | 8.7 | 7.9 | 8.7 | 8.2 | | 8.8 | 8.2 | | 8.1 | 7.8 | | 80 |
| 85 | 8.9 | 8.3 | 7.8 | 9.3 | 8.6 | 7.8 | 8.6 | 8.1 | 7.6 | 8.6 | 8.1 | 7.7 | 8 | 7.7 | | 85 |
| 90 | 8.8 | 8.2 | 7.7 | 9.2 | 8.4 | 7.8 | 8.5 | 8.1 | 7.6 | 8.6 | 8.1 | 7.6 | 8 | 7.7 | 7.5 | 90 |
| 95 | 8.7 | 8.1 | 7.7 | 9 | 8.3 | 7.7 | 8.4 | 8 | 7.6 | 8.5 | 8 | 7.6 | 7.9 | 7.7 | 7.4 | 95 |
| 100 | 8.6 | 8.1 | 7.6 | 8.9 | 8.2 | 7.7 | 8.3 | 7.9 | 7.6 | 8.4 | 7.9 | 7.6 | 7.9 | 7.6 | 7.4 | 100 |
| 105 | 8.5 | 8 | 7.6 | 8.8 | 8.1 | 7.7 | 8.2 | 7.9 | 7.5 | 8.3 | 7.9 | 7.5 | 7.8 | 7.6 | 7.4 | 105 |
| 110 | 8.4 | 7.9 | 7.6 | 8.7 | 8 | 7.6 | 8.2 | 7.8 | 7.5 | 8.2 | 7.8 | 7.5 | 7.7 | 7.5 | 7.4 | 110 |
| 115 | 8.3 | 7.8 | 7.6 | 8.6 | 8 | 7.6 | 8.1 | 7.8 | 7.5 | 8.1 | 7.8 | 7.5 | 7.7 | 7.5 | 7.4 | 115 |
| 120 | 8.2 | 7.8 | 7.6 | 8.5 | 7.9 | 7.6 | 8 | 7.7 | 7.5 | 8 | 7.7 | 7.5 | 7.6 | 7.4 | 7.4 | 120 |
| 125 | 8 | 7.7 | 7.6 | 8.3 | 7.8 | 7.6 | 7.9 | 7.7 | 7.5 | 8 | 7.7 | 7.5 | 7.5 | 7.4 | 7.4 | 125 |
| 130 | 7.7 | 7.6 | 7.6 | 8.2 | 7.8 | 7.6 | 7.8 | 7.6 | 7.5 | 7.9 | 7.6 | 7.5 | 7.4 | 7.4 | 7.4 | 130 |
| 135 | 7.5 | 7.5 | 7.5 | 8.1 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.8 | 7.6 | 7.5 | 7.3 | 7.3 | 7.4 | 135 |
| 140 | 7.2 | 7.4 | 7.5 | 7.9 | 7.7 | 7.6 | 7.4 | 7.4 | 7.5 | 7.6 | 7.5 | 7.5 | 7.2 | 7.3 | 7.4 | 140 |
| 145 | 7 | 7.2 | 7.4 | 7.8 | 7.6 | 7.6 | 7.2 | 7.2 | 7.4 | 7.4 | 7.4 | 7.5 | 7.1 | 7.2 | 7.3 | 145 |
| 150 | 6.7 | 6.9 | 7.2 | 7.6 | 7.6 | 7.6 | 6.9 | 7 | 7.2 | 7.3 | 7.3 | 7.5 | 6.8 | 7 | 7.2 | 150 |
| 155 | 6.4 | 6.7 | 6.9 | 7.4 | 7.6 | 7.6 | 6.6 | 6.8 | 7 | 7.1 | 7.2 | 7.4 | 6.5 | 6.8 | 7 | 155 |
| 160 | 6.1 | 6.4 | 6.6 | 7.1 | 7.6 | 7.6 | 6.4 | 6.6 | 6.8 | 6.8 | 7 | 7.2 | 6.2 | 6.6 | 6.8 | 160 |
| 165 | 5.8 | 6.1 | 6.3 | 6.6 | 7.2 | 7.5 | 6.2 | 6.4 | 6.6 | 6.5 | 6.8 | 7 | 5.9 | 6.3 | 6.6 | 165 |
| 170 | 5.6 | 5.8 | 6 | 6.3 | 6.8 | 7.3 | 5.9 | 6.1 | 6.4 | 6.1 | 6.6 | 6.8 | 5.6 | 6.1 | 6.3 | 170 |
| 175 | 5.3 | 5.5 | 5.7 | 6.1 | 6.2 | 6.7 | 5.7 | 5.9 | 6.1 | 5.6 | 6.2 | 6.6 | 5.2 | 5.8 | 6 | 175 |
| 180 | 5.1 | 5.3 | 5.5 | 5.9 | 6 | 6.2 | 5.4 | 5.6 | 5.8 | 5.1 | 5.8 | 6.2 | 4.8 | 5.4 | 5.7 | 180 |
| 185 | 4.8 | 5 | 5.2 | 5.5 | 5.8 | 6 | 5.2 | 5.4 | 5.6 | 4.6 | 5.4 | 5.8 | 4.3 | 5 | 5.5 | 185 |
| 190 | 4.6 | 4.8 | 4.9 | 5.1 | 5.6 | 5.7 | 5 | 5.2 | 5.4 | 4.1 | 4.9 | 5.3 | 3.9 | 4.6 | 5 | 190 |
| 195 | 4.4 | 4.6 | | 4.7 | 5.2 | 5.4 | 4.6 | 5 | 5.1 | 3.7 | 4.4 | 4.7 | 3.5 | 4.2 | 4.6 | 195 |
| 200 | 4.2 | 4.3 | | 4.2 | 4.7 | | 4.1 | 4.7 | 4.8 | 3.2 | 3.8 | 4.1 | 3 | 3.7 | 4.1 | 200 |
| 205 | 4 | 4.1 | | 3.8 | 4.2 | | 3.7 | 4.2 | | 2.8 | 3.4 | 3.6 | 2.6 | 3.2 | 3.6 | 205 |
| 210 | 3.8 | 3.9 | | 3.4 | 3.7 | | 3.3 | 3.8 | | 2.4 | 2.9 | | 2.2 | 2.8 | 3.1 | 210 |
| 215 | 3.7 | 3.7 | | 3.1 | 3.3 | | 2.9 | 3.3 | | 2 | 2.5 | | 1.8 | 2.4 | 2.5 | 215 |
| 220 | 1.8 | | | 2.7 | 2.9 | | 2.6 | 2.9 | | | 2.1 | | | 1.9 | | 220 |
| 225 | | | | | | | 2.3 | 2.5 | | | | | | | | 225 |
| 230 | | | | | | | 2 | 2.1 | | | | | | | | 230 |

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Lifting capacities Forces de levage

TK



| | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | |
|-----|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| | 35 ft | | | | | | | | | | | | | | | | | | |
| 14 | 38.1 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 37.5 | | | 38.7 | | | | | | | | | | | | | | | 15 |
| 16 | 36.8 | 34.2 | | 38.7 | | | | | | | | | | | | | | | 16 |
| 17 | 36.1 | 34.1 | | 38.7 | | | | | | | | | | | | | | | 17 |
| 18 | 35.5 | 33.9 | | 38.7 | | | 38.6 | | | | | | | | | | | | 18 |
| 19 | 34.8 | 33.1 | | 38.7 | | | 38.5 | | | | | | | | | | | | 19 |
| 20 | 34.2 | 32.4 | | 38.7 | | | 38.4 | | | | | | | | | | | | 20 |
| 22 | 32.9 | 31.3 | | 38.7 | | | 38.2 | | | 33.8 | | | | | | | | | 22 |
| 24 | 31.7 | 30.2 | | 38.7 | | | 37.9 | | | 33.7 | | | | | | | | | 24 |
| 26 | 30.3 | 29.1 | 23.5 | 38.7 | | | 37.5 | | | 33.6 | | | 28.9 | | | | | | 26 |
| 28 | 29 | 28 | 23.1 | 38.6 | 30.4 | | 37 | | | 33.4 | | | 28.8 | | | 19.5 | | | 28 |
| 30 | 27.7 | 27 | 22.5 | 38 | 29.6 | | 36.4 | 29.4 | | 33 | | | 28.8 | | | 24.1 | | | 30 |
| 32 | 26.3 | 26 | 21.9 | 37.2 | 28.9 | | 35.8 | 28.8 | | 32.6 | | | 28.6 | | | 24 | | | 32 |
| 34 | 24.9 | 25.1 | 21.3 | 36.4 | 28.2 | | 35.1 | 28.2 | | 32.1 | 27.3 | | 28.3 | | | 23.9 | | | 34 |
| 36 | 23.6 | 24.3 | 20.8 | 35.7 | 27.6 | 22 | 34.1 | 27.6 | | 31 | 26.9 | | 28 | | | 23.9 | | | 36 |
| 38 | 22.2 | 23.4 | 20.3 | 34.6 | 27 | 21.7 | 32.2 | 27 | 21.6 | 29.9 | 26.4 | | 26.9 | 25 | | 23.7 | | | 38 |
| 40 | 21 | 22.3 | 19.8 | 32.8 | 26.4 | 21.3 | 30.1 | 26.5 | 21.3 | 27.7 | 25.9 | | 26 | 24.7 | | 23.3 | | | 40 |
| 45 | 18.6 | 19.4 | 18.2 | 27.5 | 25.1 | 20.6 | 25.2 | 25.3 | 20.7 | 23.3 | 24.8 | 20.4 | 22.5 | 23.3 | | 21.2 | 22 | | 45 |
| 50 | 16.7 | 17.5 | 16.7 | 23.4 | 23.9 | 19.9 | 21.3 | 23.4 | 20 | 21.6 | 21.9 | 19.9 | 21.1 | 21 | 19.5 | 19.1 | 20.3 | | 50 |
| 55 | 15 | 16.4 | 15.9 | 20 | 21.9 | 19.2 | 18.1 | 20.2 | 19.4 | 19.6 | 18.9 | 19.3 | 18.4 | 18.7 | 19.2 | 17 | 17.7 | 18.3 | 55 |
| 60 | 13.6 | 15.5 | 15.4 | 17.2 | 19 | 18.7 | 15.4 | 17.3 | 18.7 | 17 | 17.9 | 17.6 | 15.8 | 17.5 | 17.2 | 14.7 | 16.5 | 16.9 | 60 |
| 65 | 12.5 | 14.9 | 6.4 | 14.9 | 16.5 | 17.7 | 13.2 | 14.9 | 16.4 | 14.8 | 16.3 | 15.8 | 13.7 | 15.3 | 15.7 | 12.6 | 14.3 | 15.3 | 65 |
| 70 | | | | 13 | 14.3 | 15.5 | 11.3 | 12.8 | 14.1 | 12.9 | 14.3 | 15.2 | 11.9 | 13.3 | 14.8 | 10.8 | 12.4 | 13.7 | 70 |
| 75 | | | | 11.2 | 12.5 | 13.5 | 9.6 | 11 | 12.2 | 11.3 | 12.5 | 13.8 | 10.3 | 11.6 | 13 | 9.3 | 10.7 | 11.9 | 75 |
| 80 | | | | 9.7 | 10.8 | 11.6 | 8.2 | 9.5 | 10.5 | 9.9 | 11 | 12.2 | 9 | 10.2 | 11.4 | 8 | 9.3 | 10.4 | 80 |
| 85 | | | | 8.3 | 9.3 | 10 | 6.9 | 8.1 | 9 | 8.6 | 9.6 | 10.7 | 7.7 | 8.8 | 10 | 6.8 | 8 | 9 | 85 |
| 90 | | | | 7.1 | 7.9 | 8.5 | 5.8 | 6.9 | 7.7 | 7.5 | 8.4 | 9.4 | 6.7 | 7.7 | 8.7 | 5.7 | 6.8 | 7.8 | 90 |
| 95 | | | | 6 | 6.8 | 7.2 | 4.9 | 5.8 | 6.5 | 6.5 | 7.4 | 8.3 | 5.7 | 6.6 | 7.6 | 4.8 | 5.8 | 6.6 | 95 |
| 100 | | | | 5 | 5.7 | 6.1 | 4 | 4.8 | 5.4 | 5.6 | 6.4 | 7.2 | 4.8 | 5.7 | 6.6 | 3.9 | 4.9 | 5.6 | 100 |
| 105 | | | | 4.2 | 4.8 | 5 | 3.1 | 3.9 | 4.4 | 4.8 | 5.5 | 6.2 | 4.1 | 4.8 | 5.7 | 3.2 | 4.1 | 4.7 | 105 |
| 110 | | | | 3.4 | 3.9 | 4.1 | 2.2 | 3 | 3.4 | 4 | 4.7 | 5.3 | 3.4 | 4.1 | 4.8 | 2.3 | 3.3 | 3.9 | 110 |
| 115 | | | | 2.8 | 3.1 | | | 2.1 | 2.5 | | 3.4 | 4 | 4.5 | 2.7 | 3.4 | 4.1 | | 3.1 | 115 |
| 120 | | | | 2.2 | 2.4 | | | | | | 2.7 | 3.3 | 3.7 | 1.9 | 2.7 | 3.3 | | 2.4 | 120 |
| 125 | | | | | | | | | | | 2 | 2.6 | 3 | | 2 | 2.6 | | | 125 |
| 130 | | | | | | | | | | | 1.9 | 2.3 | | | 1.9 | | | | 130 |

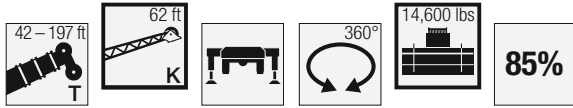
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| | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | |
|-----|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| | 35 ft | | | | | | | | | | | | | | | |
| 32 | 16.8 | | | 18.5 | | | | | | | | | | | | 32 |
| 34 | 16.8 | | | 18.5 | | | | 14.8 | | | | | | | | 34 |
| 36 | 16.8 | | | 18.5 | | | | 14.8 | | | | 15 | | | | 36 |
| 38 | 16.8 | | | 18.4 | | | | 14.8 | | | | 15 | | | | 38 |
| 40 | 16.8 | | | 18.4 | | | | 14.8 | | | | 15 | | 12.6 | | 40 |
| 45 | 16.8 | | | 18.4 | | | | 14.8 | | | | 15 | | 12.6 | | 45 |
| 50 | 16.7 | 16.3 | | 17.1 | 18.3 | | | 14.8 | 14.6 | | | 15 | 14.8 | 12.6 | | 50 |
| 55 | 16.4 | 15.9 | | 15.6 | 16.8 | | | 14.7 | 14.6 | | | 13.9 | 14.8 | 12.4 | 12.4 | 55 |
| 60 | 14.2 | 15.3 | 14.8 | 13.3 | 15.2 | 15.6 | 12.9 | 14.3 | 13.9 | 11.7 | 13.7 | | | 11.1 | 12.2 | 60 |
| 65 | 12.3 | 13.9 | 14.2 | 11.3 | 13.1 | 14.6 | 11 | 12.8 | 13.8 | 9.8 | 11.7 | 13.3 | | 9.3 | 11 | 65 |
| 70 | 10.5 | 12 | 13.4 | 9.6 | 11.2 | 12.6 | 9.4 | 11 | 12.4 | 8.2 | 9.9 | 11.4 | | 7.7 | 9.4 | 70 |
| 75 | 9 | 10.5 | 11.6 | 8.2 | 9.7 | 10.9 | 7.9 | 9.4 | 10.7 | 6.7 | 8.3 | 9.7 | | 6.4 | 7.9 | 75 |
| 80 | 7.7 | 9 | 10.1 | 6.9 | 8.2 | 9.4 | 6.7 | 8.1 | 9.2 | 5.5 | 7 | 8.2 | | 5.1 | 6.6 | 80 |
| 85 | 6.5 | 7.7 | 8.7 | 5.7 | 7 | 8.1 | 5.5 | 6.8 | 7.9 | 4.4 | 5.7 | 6.9 | | 4 | 5.4 | 85 |
| 90 | 5.5 | 6.6 | 7.5 | 4.7 | 5.9 | 6.9 | 4.5 | 5.7 | 6.7 | 3.3 | 4.7 | 5.7 | | 2.9 | 4.3 | 90 |
| 95 | 4.6 | 5.6 | 6.5 | 3.8 | 4.9 | 5.8 | 3.6 | 4.7 | 5.6 | 2.1 | 3.7 | 4.6 | | | 4.4 | 95 |
| 100 | 3.7 | 4.7 | 5.5 | 2.8 | 4 | 4.8 | 2.7 | 3.8 | 4.7 | | | 2.7 | 3.7 | | | 100 |
| 105 | 3 | 3.9 | 4.6 | 1.9 | 3.1 | 3.9 | | 3 | 3.8 | | | | 2.8 | | | 105 |
| 110 | 2 | 3.1 | 3.7 | | 2.2 | 3.1 | | | 2.1 | 3 | | | | | | 110 |
| 115 | | 2.3 | 3 | | | 2.2 | | | | 2.1 | | | | | | 115 |
| 120 | | | 2.2 | | | | | | | | | | | | | 120 |

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Lifting capacities Forces de levage

TK



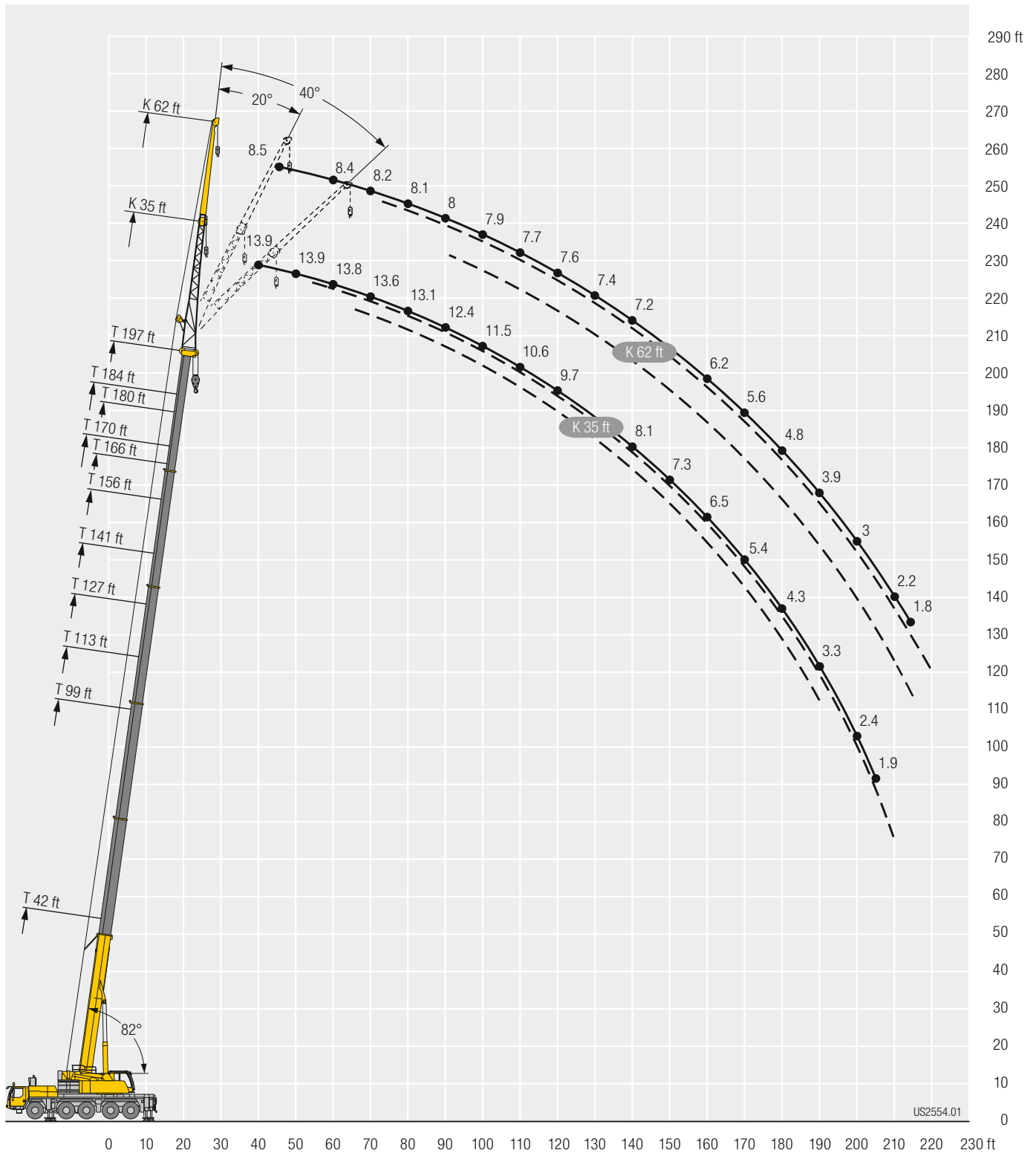
| | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | |
|-----|-------|------|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| | 62 ft | | | | | | | | | | | | | | | | | | |
| 17 | 15.2 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 15.1 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 14.9 | | | | | | | | | | | | | | | | | | 19 |
| 20 | 14.8 | | | 12.9 | | | | | | | | | | | | | | | 20 |
| 22 | 14.5 | | | 12.8 | | | | | | | | | | | | | | | 22 |
| 24 | 14.2 | | | 12.7 | | | 12.3 | | | | | | | | | | | | 24 |
| 26 | 13.9 | | | 12.6 | | | 12.2 | | | 11.5 | | | | | | | | | 26 |
| 28 | 13.6 | | | 12.5 | | | 12.1 | | | 11.4 | | | | | | | | | 28 |
| 30 | 13.2 | 10.6 | | 12.4 | | | 12 | | | 11.3 | | | 10.9 | | | | | | 30 |
| 32 | 12.8 | 10.6 | | 12.2 | | | 11.9 | | | 11.2 | | | 10.8 | | | 10.8 | | | 32 |
| 34 | 12.5 | 10.4 | | 12.1 | | | 11.8 | | | 11.1 | | | 10.7 | | | 10.7 | | | 34 |
| 36 | 12.1 | 10.1 | | 11.9 | | | 11.6 | | | 11 | | | 10.6 | | | 10.6 | | | 36 |
| 38 | 11.8 | 9.9 | | 11.8 | | | 11.5 | | | 11 | | | 10.6 | | | 10.5 | | | 38 |
| 40 | 11.5 | 9.7 | | 11.6 | | | 11.4 | | | 10.9 | | | 10.5 | | | 10.5 | | | 40 |
| 45 | 10.7 | 9.2 | | 11.2 | 9.4 | | 11 | 9.3 | | 10.6 | | | 10.3 | | | 10.3 | | | 45 |
| 50 | 10.1 | 8.8 | 7.9 | 10.9 | 9.1 | | 10.7 | 9.1 | | 10.4 | 8.9 | | 10.1 | | | 10.2 | | | 50 |
| 55 | 9.4 | 8.5 | 7.7 | 10.5 | 8.8 | | 10.4 | 8.8 | | 10.1 | 8.7 | | 9.9 | 8.7 | | 9.9 | 8.8 | | 55 |
| 60 | 9 | 8.2 | 7.5 | 10.1 | 8.6 | 7.6 | 10.1 | 8.6 | | 9.8 | 8.5 | | 9.6 | 8.5 | | 9.7 | 8.6 | | 60 |
| 65 | 8.5 | 8 | 7.4 | 9.8 | 8.4 | 7.5 | 9.8 | 8.4 | 7.5 | 9.6 | 8.4 | 7.4 | 9.4 | 8.3 | | 9.5 | 8.4 | | 65 |
| 70 | 7.9 | 7.7 | 7.3 | 9.5 | 8.2 | 7.4 | 9.5 | 8.3 | 7.4 | 9.3 | 8.2 | 7.4 | 9.2 | 8.2 | 7.3 | 9.1 | 8.3 | | 70 |
| 75 | 7.3 | 7.5 | 7.2 | 9.1 | 8 | 7.3 | 9.3 | 8.1 | 7.3 | 9.1 | 8.1 | 7.3 | 9 | 8 | 7.3 | 8.7 | 8.1 | 7.3 | 75 |
| 80 | 6.8 | 7.4 | 7.1 | 8.9 | 7.9 | 7.2 | 9 | 7.9 | 7.2 | 8.9 | 7.9 | 7.2 | 8.9 | 7.9 | 7.2 | 8.2 | 8 | 7.2 | 80 |
| 85 | 6.3 | 7.3 | 7.1 | 8.7 | 7.8 | 7.2 | 8.8 | 7.8 | 7.2 | 8.7 | 7.8 | 7.2 | 8.3 | 7.8 | 7.2 | 7.3 | 7.9 | 7.2 | 85 |
| 90 | 5.9 | 7.2 | 7.1 | 8.4 | 7.6 | 7.1 | 8.6 | 7.7 | 7.1 | 8.2 | 7.7 | 7.1 | 7.4 | 7.7 | 7.1 | 6.2 | 7.6 | 7.1 | 90 |
| 95 | 5.6 | 7.2 | | 8.1 | 7.5 | 7.1 | 8.2 | 7.6 | 7.1 | 7.3 | 7.6 | 7.1 | 6.4 | 7.5 | 7.1 | 5.3 | 7.1 | 7.1 | 95 |
| 100 | | | | 7.7 | 7.4 | 7 | 7.4 | 7.5 | 7 | 6.4 | 7.4 | 7 | 5.6 | 7.2 | 7 | 4.5 | 6.2 | 7 | 100 |
| 105 | | | | 6.9 | 7.3 | 7 | 6.5 | 7.4 | 7 | 5.6 | 7 | 7 | 4.8 | 6.3 | 7 | 3.7 | 5.3 | 6.7 | 105 |
| 110 | | | | 6.1 | 7.1 | 7 | 5.7 | 6.8 | 7 | 4.9 | 6.2 | 6.9 | 4.1 | 5.5 | 6.6 | 3 | 4.6 | 5.9 | 110 |
| 115 | | | | 5.3 | 6.3 | 6.9 | 5 | 6 | 6.8 | 4.3 | 5.4 | 6.4 | 3.5 | 4.8 | 5.8 | 2.3 | 3.8 | 5 | 115 |
| 120 | | | | 4.7 | 5.5 | 6 | 4.4 | 5.3 | 6 | 3.7 | 4.8 | 5.6 | 2.9 | 4.1 | 5.1 | | 3.2 | 4.3 | 120 |
| 125 | | | | 4.1 | 4.8 | 5.3 | 3.8 | 4.6 | 5.2 | 3.1 | 4.1 | 4.9 | 2.3 | 3.5 | 4.4 | | 2.5 | 3.6 | 125 |
| 130 | | | | 3.6 | 4.2 | 4.5 | 3.3 | 4 | 4.5 | 2.6 | 3.5 | 4.2 | | 2.9 | 3.7 | | 1.8 | 2.9 | 130 |
| 135 | | | | 3.1 | 3.6 | 3.8 | 2.8 | 3.5 | 3.9 | 1.9 | 3 | 3.5 | | 2.3 | 3.1 | | | 2.3 | 135 |
| 140 | | | | 2.6 | 3.1 | | 2.3 | 2.9 | 3.3 | | 2.4 | 2.9 | | | 2.5 | | | | 140 |
| 145 | | | | 2.2 | 2.5 | | 1.8 | 2.4 | 2.7 | | 1.8 | 2.4 | | | 1.9 | | | | 145 |
| 150 | | | | 1.9 | 2 | | | 1.9 | | | | | | | | | | | 150 |

t_205_01219_00_000 / 01249_00_000 / 01279_00_000

| | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | | | | |
|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--|--|--|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | | |
| 36 | 9.2 | | | 9.9 | | | | | | | | | | | | | | | 36 |
| 38 | 9.2 | | | 9.9 | | | | | | | | | | | | | | | 38 |
| 40 | 9.1 | | | 9.8 | | | 8.6 | | | 8.7 | | | | | | | | | 40 |
| 45 | 9 | | | 9.6 | | | 8.5 | | | 8.6 | | | 7.8 | | | | | | 45 |
| 50 | 8.9 | | | 9.5 | | | 8.4 | | | 8.5 | | | 7.7 | | | | | | 50 |
| 55 | 8.8 | | | 9.4 | | | 8.4 | | | 8.4 | | | 7.6 | | | | | | 55 |
| 60 | 8.7 | 8.1 | | 9.2 | 8.4 | | 8.3 | | | 8.3 | | | 7.6 | | | | | | 60 |
| 65 | 8.6 | 8 | | 9.1 | 8.2 | | 8.2 | 7.7 | | 8.3 | 7.8 | | 7.5 | | | | | | 65 |
| 70 | 8.5 | 7.9 | | 8.6 | 8.1 | | 8.1 | 7.6 | | 8 | 7.7 | | 7.3 | 7.1 | | | | | 70 |
| 75 | 8.3 | 7.8 | | 8.1 | 8 | | 8 | 7.5 | | 7.1 | 7.6 | | 6.5 | 7.1 | | | | | 75 |
| 80 | 7.9 | 7.7 | 7.1 | 7.3 | 7.9 | 7.1 | 7 | 7.5 | | 5.9 | 7.5 | | 5.4 | 7.1 | | | | | 80 |
| 85 | 6.9 | 7.6 | 7.1 | 6.2 | 7.6 | 7.1 | 5.9 | 7.4 | 6.9 | 4.8 | 7.1 | 7 | 4.4 | 6.6 | | | | | 85 |
| 90 | 5.9 | 7.4 | 7 | 5.2 | 7.3 | 7 | 4.9 | 7 | 6.9 | 3.9 | 6.2 | 6.9 | 3.4 | 5.7 | 6.8 | | | | 90 |
| 95 | 5 | 6.8 | 7 | 4.3 | 6.3 | 7 | 4.1 | 6 | 6.9 | 2.9 | 5.1 | 6.7 | 2.4 | 4.8 | 6.5 | | | | 95 |
| 100 | 4.2 | 6 | 6.9 | 3.4 | 5.3 | 6.9 | 3.2 | 5.1 | 6.7 | 1.8 | 4.2 | 6 | | 3.9 | 5.6 | | | | 100 |
| 105 | 3.4 | 5.1 | 6.4 | 2.6 | 4.5 | 6 | 2.3 | 4.3 | 5.8 | | 3.4 | 5 | | 3.1 | 4.7 | | | | 105 |
| 110 | 2.7 | 4.3 | 5.6 | | 3.7 | 5.1 | | 3.5 | 4.9 | | 2.6 | 4.1 | | 2.2 | 3.9 | | | | 110 |
| 115 | 1.9 | 3.6 | 4.8 | | 3 | 4.3 | | 2.8 | 4.1 | | | 3.3 | | | 3.1 | | | | 115 |
| 120 | | 2.9 | 4.1 | | 2.2 | 3.5 | | 2 | 3.4 | | | 2.5 | | | 2.3 | | | | 120 |
| 125 | | 2.3 | 3.4 | | | 2.8 | | | 2.7 | | | | | | | | | | 125 |
| 130 | | | 2.7 | | | 2.1 | | | 2 | | | | | | | | | | 130 |
| 135 | | | 2.1 | | | | | | | | | | | | | | | | 135 |

t_205_01219_00_000 / 01249_00_000 / 01279_00_000

Lifting heights Hauteurs de levage



Lifting capacities Forces de levage

TVK



| 42 ft + 23 ft | 156 ft + 23 ft | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 197 ft + 23 ft | | | 42 ft + 23 ft | | | | | |
|---------------|----------------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|---------------|-----|-----|-----|-----|-----|
| | 35 ft | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | | 40° | 0° | 20° | 40° | |
| 14 | 14.6 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 14.6 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 14.5 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 14.5 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 14.5 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 14.5 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 14.4 | 14.6 | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 14.3 | 14.5 | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 14.1 | 14.4 | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 13.8 | 14 | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 13.4 | 13.5 | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 13 | 13.1 | 12.6 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 12.6 | 12.6 | 12.6 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 12.2 | 12.2 | 12.4 | 14.6 | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 11.8 | 11.8 | 12 | 14.6 | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 11.4 | 11.4 | 11.5 | 14.6 | | | 12.6 | | | 12.9 | | | | | | | | | | | | 38 | |
| 40 | 11 | 11 | 11.2 | 14.6 | | | 12.6 | | | 12.9 | | | 11 | | | | | | | | | 40 | |
| 45 | 10.1 | 10.2 | 10.3 | 14.5 | | | 12.6 | | | 12.9 | | | 11 | | | 11.2 | | | | 9.5 | | 45 | |
| 50 | 9.2 | 9.6 | 9.7 | 14.4 | 14.2 | | 12.5 | | | 12.9 | | | 11 | | | 11.2 | | | | 9.5 | | 50 | |
| 55 | 8.3 | 8.9 | 9.1 | 14.3 | 13.7 | | 12.5 | 12.3 | | 12.8 | 12.8 | | 11 | 11 | | 11.2 | | | | 9.4 | | 55 | |
| 60 | 7.6 | 8.3 | 8.6 | 14.1 | 13.1 | 12.3 | 12.4 | 12 | | 12.7 | 12.6 | | 11 | 11 | | 11.2 | 11.2 | | | 9.4 | 9.5 | 60 | |
| 65 | 6.9 | 7.5 | 8 | 13.6 | 12.6 | 11.9 | 12.2 | 11.6 | 11 | 12.6 | 12.2 | 11.6 | 11 | 10.9 | 10.6 | 11.2 | 11.2 | | | 9.4 | 9.5 | 65 | |
| 70 | 6.2 | 6.8 | 7.2 | 13.2 | 12.2 | 11.4 | 11.9 | 11.2 | 10.6 | 12.4 | 11.7 | 11.2 | 10.9 | 10.7 | 10.3 | 11.1 | 11.1 | 10.7 | | 9.4 | 9.5 | 9.3 | 70 |
| 75 | 5.7 | 6.1 | 6.4 | 12.7 | 11.7 | 11.1 | 11.6 | 10.8 | 10.3 | 12.1 | 11.4 | 10.8 | 10.8 | 10.4 | 10 | 11 | 10.8 | 10.4 | | 9.4 | 9.5 | 9.3 | 75 |
| 80 | 5.2 | 5.5 | 5.7 | 12.2 | 11.3 | 10.7 | 11.2 | 10.4 | 10 | 11.9 | 11 | 10.5 | 10.6 | 10.1 | 9.8 | 10.9 | 10.5 | 10.1 | | 9.4 | 9.4 | 9.2 | 80 |
| 85 | 4.7 | 4.9 | 5 | 11.8 | 10.9 | 10.3 | 10.8 | 10.1 | 9.7 | 11.5 | 10.7 | 10.2 | 10.3 | 9.8 | 9.5 | 10.7 | 10.2 | 9.9 | | 9.3 | 9.3 | 9.1 | 85 |
| 90 | 4.3 | 4.4 | | 11.3 | 10.5 | 10 | 10.4 | 9.8 | 9.5 | 11.1 | 10.3 | 9.9 | 10.1 | 9.6 | 9.3 | 10.5 | 10 | 9.6 | | 9.2 | 9.1 | 8.9 | 90 |
| 95 | | | | 10.9 | 10.1 | 9.7 | 10 | 9.5 | 9.2 | 10.8 | 10 | 9.6 | 9.8 | 9.4 | 9.1 | 10.3 | 9.7 | 9.4 | | 9.1 | 8.9 | 8.7 | 95 |
| 100 | | | | 10.5 | 9.8 | 9.5 | 9.6 | 9.3 | 9 | 10.4 | 9.7 | 9.4 | 9.5 | 9.1 | 8.9 | 10 | 9.5 | 9.2 | | 8.9 | 8.8 | 8.6 | 100 |
| 105 | | | | 10 | 9.6 | 9.3 | 9.3 | 9 | 8.8 | 10 | 9.5 | 9.2 | 9.1 | 8.9 | 8.7 | 9.7 | 9.3 | 9 | | 8.7 | 8.6 | 8.4 | 105 |
| 110 | | | | 9.6 | 9.3 | 9 | 8.9 | 8.8 | 8.6 | 9.7 | 9.2 | 9 | 8.9 | 8.7 | 8.5 | 9.4 | 9 | 8.8 | | 8.5 | 8.4 | 8.3 | 110 |
| 115 | | | | 9.2 | 9 | 8.8 | 8.6 | 8.5 | 8.4 | 9.3 | 9 | 8.8 | 8.6 | 8.4 | 8.3 | 9.1 | 8.9 | 8.6 | | 8.3 | 8.2 | 8.1 | 115 |
| 120 | | | | 8.8 | 8.7 | 8.6 | 8.3 | 8.3 | 8.2 | 8.9 | 8.8 | 8.6 | 8.3 | 8.2 | 8.1 | 8.8 | 8.7 | 8.5 | 8 | 8 | 7.9 | | 120 |
| 125 | | | | 8.4 | 8.5 | 8.4 | 8 | 8 | 8 | 8.6 | 8.5 | 8.4 | 8 | 8 | 8 | 8.5 | 8.5 | 8.3 | 7.8 | 7.8 | 7.8 | | 125 |
| 130 | | | | 8 | 8.1 | 8.1 | 7.6 | 7.7 | 7.8 | 8.3 | 8.2 | 8.3 | 7.7 | 7.7 | 7.8 | 8.2 | 8.2 | 8.1 | 7.6 | 7.5 | 7.6 | | 130 |
| 135 | | | | 7.7 | 7.8 | 7.8 | 7.3 | 7.4 | 7.5 | 7.9 | 8 | 8.1 | 7.4 | 7.4 | 7.5 | 7.9 | 7.9 | 7.9 | 7.3 | 7.3 | 7.4 | | 135 |
| 140 | | | | 7.3 | 7.4 | 7.6 | 7 | 7.1 | 7.2 | 7.6 | 7.7 | 7.8 | 7.1 | 7.2 | 7.3 | 7.6 | 7.7 | 7.7 | 7 | 7.1 | 7.2 | | 140 |
| 145 | | | | 7 | 7.1 | 7.2 | 6.6 | 6.8 | 6.9 | 7.3 | 7.4 | 7.5 | 6.9 | 7 | 7 | 7.4 | 7.4 | 7.5 | 6.8 | 6.8 | 7 | | 145 |
| 150 | | | | 6.7 | 6.8 | 6.9 | 6.3 | 6.5 | 6.6 | 7 | 7.1 | 7.2 | 6.6 | 6.7 | 6.8 | 7.1 | 7.1 | 7.3 | 6.5 | 6.6 | 6.8 | | 150 |
| 155 | | | | 6.4 | 6.5 | 6.6 | 6 | 6.2 | 6.3 | 6.7 | 6.8 | 6.9 | 6.3 | 6.4 | 6.6 | 6.8 | 6.9 | 7 | 6.2 | 6.4 | 6.5 | | 155 |
| 160 | | | | 6.2 | 6.2 | 6.3 | 5.7 | 5.9 | 6 | 6.5 | 6.6 | 6.6 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 | 6.7 | 5.9 | 6.1 | 6.3 | | 160 |
| 165 | | | | 5.9 | 6 | 6.1 | 5.5 | 5.6 | 5.7 | 6.2 | 6.3 | 6.4 | 5.8 | 5.9 | 6 | 6 | 6.3 | 6.5 | 5.6 | 5.8 | 6 | | 165 |
| 170 | | | | 5.6 | 5.7 | 5.8 | 5.2 | 5.3 | 5.4 | 6 | 6.1 | 6.1 | 5.6 | 5.7 | 5.8 | 5.5 | 5.9 | 6.1 | 5.1 | 5.5 | 5.7 | | 170 |
| 175 | | | | 5.4 | 5.5 | 5.5 | 4.9 | 5.1 | 5.1 | 5.8 | 5.8 | 5.9 | 5.3 | 5.4 | 5.5 | 5 | 5.5 | 5.7 | 4.6 | 5.1 | 5.4 | | 175 |
| 180 | | | | 5.1 | 5.2 | | 4.7 | 4.8 | 4.9 | 5.4 | 5.6 | 5.7 | 5.1 | 5.2 | 5.3 | 4.5 | 5 | 5.2 | 4.2 | 4.6 | 4.9 | | 180 |
| 185 | | | | 4.9 | 5 | | 4.5 | 4.6 | 4.6 | 5 | 5.3 | 5.4 | 4.9 | 5 | 5 | 4 | 4.4 | 4.7 | 3.7 | 4.2 | 4.4 | | 185 |
| 190 | | | | 4.7 | 4.8 | | 4.2 | 4.3 | | 4.5 | 4.8 | | 4.5 | 4.7 | 4.8 | 3.5 | 3.9 | 4.1 | 3.3 | 3.7 | 3.9 | | 190 |
| 195 | | | | 4.5 | 4.6 | | 4 | 4.1 | | 4 | 4.3 | | 4 | 4.3 | 4.4 | 3 | 3.4 | 3.6 | 2.8 | 3.2 | 3.4 | | 195 |
| 200 | | | | 4.3 | 4.4 | | 3.8 | 3.9 | | 3.6 | 3.9 | | 3.5 | 3.8 | | 2.6 | 2.9 | 3.1 | 2.4 | 2.8 | 3 | | 200 |
| 205 | | | | 3.2 | | | 3.6 | 3.7 | | 3.2 | 3.4 | | 3.1 | 3.4 | | 2.2 | 2.5 | | 2 | 2.3 | 2.5 | | 205 |
| 210 | | | | | | | 3.4 | 3.5 | | 2.8 | 2.9 | | 2.7 | 2.9 | | 1.8 | 2 | | | 1.9 | 2 | | 210 |
| 215 | | | | | | | 2.4 | | | 2.5 | 2.5 | | 2.3 | 2.5 | | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | 2 | 2.1 | | | | | | | | | 220 |

t_205_51301_00_000 / 51331_00_000 / 51361_00_000

Lifting capacities Forces de levage

TVK



| 42 ft + 23 ft | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 194 ft + 23 ft | | | 197 ft + 23 ft | 42 ft + 23 ft | | | |
|---------------|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|---------------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | | | | |
| 62 ft | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 9.2 | | | | | | | | | | | | | | | | | | | 17 | | | |
| 18 | 9.2 | | | | | | | | | | | | | | | | | | | 18 | | | |
| 19 | 9.2 | | | | | | | | | | | | | | | | | | | 19 | | | |
| 20 | 9.1 | | | | | | | | | | | | | | | | | | | 20 | | | |
| 22 | 9.1 | | | | | | | | | | | | | | | | | | | 22 | | | |
| 24 | 9.1 | | | | | | | | | | | | | | | | | | | 24 | | | |
| 26 | 9 | | | | | | | | | | | | | | | | | | | 26 | | | |
| 28 | 9 | | | | | | | | | | | | | | | | | | | 28 | | | |
| 30 | 8.9 | | | | | | | | | | | | | | | | | | | 30 | | | |
| 32 | 8.8 | | | | | | | | | | | | | | | | | | | 32 | | | |
| 34 | 8.8 | 8.5 | | | | | | | | | | | | | | | | | | 34 | | | |
| 36 | 8.7 | 8.5 | | | | | | | | | | | | | | | | | | 36 | | | |
| 38 | 8.6 | 8.5 | | | | | | | | | | | | | | | | | | 38 | | | |
| 40 | 8.5 | 8.5 | | 9.2 | | | | | | | | | | | | | | | | 40 | | | |
| 45 | 8.2 | 8.3 | | 9.1 | | | 8.1 | | | 8.3 | | | | | | | | | | 45 | | | |
| 50 | 7.8 | 7.9 | 7.7 | 9.1 | | | 8.1 | | | 8.3 | | | 7.4 | | | 7.5 | | | 6.6 | 50 | | | |
| 55 | 7.4 | 7.5 | 7.7 | 9 | | | 8.1 | | | 8.3 | | | 7.4 | | | 7.5 | | | 6.6 | 6.4 | 55 | | |
| 60 | 7 | 7.1 | 7.3 | 9 | | | 8.1 | | | 8.3 | | | 7.4 | | | 7.5 | | | 6.6 | 6.4 | 60 | | |
| 65 | 6.6 | 6.7 | 6.9 | 8.9 | 8.3 | | 8.1 | | | 8.2 | | | 7.4 | | | 7.4 | | | 6.6 | 6.4 | 65 | | |
| 70 | 6.3 | 6.3 | 6.5 | 8.8 | 8.3 | | 8.1 | 7.9 | | 8.2 | 8.1 | | 7.4 | | | 7.4 | | | 6.6 | 6.4 | 70 | | |
| 75 | 6 | 6 | 6.2 | 8.7 | 8.3 | | 8 | 7.8 | | 8.2 | 8 | | 7.3 | 7.1 | | 7.4 | 7.3 | | 6.6 | 6.4 | 75 | | |
| 80 | 5.6 | 5.7 | 5.9 | 8.6 | 8.1 | | 7.9 | 7.7 | | 8.1 | 7.9 | | 7.3 | 7.1 | | 7.4 | 7.3 | | 6.6 | 6.4 | 80 | | |
| 85 | 5.2 | 5.5 | 5.6 | 8.5 | 7.9 | 7.5 | 7.9 | 7.5 | | 8.1 | 7.7 | | 7.3 | 7.1 | | 7.3 | 7.3 | | 6.6 | 6.4 | 85 | | |
| 90 | 4.8 | 5.2 | 5.4 | 8.3 | 7.7 | 7.3 | 7.7 | 7.3 | 6.9 | 8 | 7.6 | 7.2 | 7.3 | 7.1 | 6.7 | 7.3 | 7.3 | | 6.5 | 6.4 | 90 | | |
| 95 | 4.4 | 4.9 | 5.2 | 8.1 | 7.5 | 7.1 | 7.6 | 7.1 | 6.8 | 7.8 | 7.4 | 7 | 7.2 | 6.9 | 6.7 | 7.3 | 7.1 | 6.8 | 6.5 | 6.4 | 6.1 | 95 | |
| 100 | 4 | 4.5 | 4.9 | 7.8 | 7.3 | 6.9 | 7.4 | 6.9 | 6.6 | 7.7 | 7.2 | 6.8 | 7.1 | 6.7 | 6.5 | 7.2 | 7 | 6.7 | 6.5 | 6.4 | 6.1 | 100 | |
| 105 | 3.7 | 4.1 | 4.4 | 7.6 | 7.1 | 6.7 | 7.2 | 6.7 | 6.4 | 7.5 | 7 | 6.7 | 7 | 6.6 | 6.3 | 7.1 | 6.8 | 6.5 | 6.5 | 6.3 | 6.1 | 6.4 | 105 |
| 110 | 3.4 | 3.7 | 3.8 | 7.4 | 6.9 | 6.6 | 7 | 6.5 | 6.3 | 7.3 | 6.8 | 6.5 | 6.8 | 6.4 | 6.2 | 7 | 6.6 | 6.4 | 6.4 | 6.2 | 6 | 6.3 | 110 |
| 115 | 3.1 | 3.3 | | 7.2 | 6.7 | 6.4 | 6.8 | 6.4 | 6.1 | 7.1 | 6.6 | 6.4 | 6.7 | 6.3 | 6.1 | 6.9 | 6.5 | 6.2 | 6.3 | 6.1 | 5.9 | 6.2 | 115 |
| 120 | | | | 7 | 6.5 | 6.3 | 6.6 | 6.2 | 6 | 6.9 | 6.4 | 6.2 | 6.5 | 6.1 | 6 | 6.7 | 6.3 | 6.1 | 6.2 | 6 | 5.8 | 6.1 | 120 |
| 125 | | | | 6.8 | 6.3 | 6.1 | 6.5 | 6.1 | 5.9 | 6.8 | 6.3 | 6.1 | 6.4 | 6 | 5.8 | 6.6 | 6.2 | 6 | 6.1 | 5.8 | 5.7 | 6 | 125 |
| 130 | | | | 6.6 | 6.2 | 6 | 6.3 | 5.9 | 5.8 | 6.6 | 6.1 | 6 | 6.2 | 5.8 | 5.7 | 6.5 | 6.1 | 5.9 | 6 | 5.7 | 5.6 | 6 | 130 |
| 135 | | | | 6.4 | 6 | 5.9 | 6.1 | 5.8 | 5.6 | 6.4 | 6 | 5.9 | 6.1 | 5.7 | 5.6 | 6.3 | 5.9 | 5.8 | 5.9 | 5.6 | 5.5 | 5.9 | 135 |
| 140 | | | | 6.3 | 5.9 | 5.7 | 5.9 | 5.6 | 5.5 | 6.3 | 5.9 | 5.7 | 5.9 | 5.6 | 5.5 | 6.2 | 5.8 | 5.7 | 5.8 | 5.5 | 5.4 | 5.7 | 140 |
| 145 | | | | 6.1 | 5.7 | 5.6 | 5.8 | 5.5 | 5.4 | 6.1 | 5.7 | 5.6 | 5.8 | 5.5 | 5.4 | 6 | 5.7 | 5.6 | 5.7 | 5.4 | 5.3 | 5.6 | 145 |
| 150 | | | | 5.9 | 5.6 | 5.5 | 5.6 | 5.4 | 5.3 | 6 | 5.6 | 5.5 | 5.6 | 5.4 | 5.3 | 5.9 | 5.6 | 5.5 | 5.5 | 5.3 | 5.2 | 5.5 | 150 |
| 155 | | | | 5.7 | 5.5 | 5.4 | 5.4 | 5.3 | 5.2 | 5.8 | 5.5 | 5.4 | 5.5 | 5.2 | 5.2 | 5.7 | 5.5 | 5.4 | 5.4 | 5.2 | 5.1 | 5.4 | 155 |
| 160 | | | | 5.5 | 5.4 | 5.3 | 5.3 | 5.1 | 5.1 | 5.7 | 5.4 | 5.3 | 5.3 | 5.2 | 5.1 | 5.6 | 5.4 | 5.3 | 5.3 | 5.1 | 5 | 5.3 | 160 |
| 165 | | | | 5.3 | 5.3 | 5.2 | 5 | 5 | 5 | 5.5 | 5.3 | 5.2 | 5.1 | 5.1 | 5 | 5.4 | 5.3 | 5.2 | 5.1 | 5 | 5 | 5.1 | 165 |
| 170 | | | | 5.1 | 5.1 | 5.1 | 4.8 | 4.9 | 5 | 5.3 | 5.2 | 5.2 | 5 | 4.9 | 5 | 5.3 | 5.2 | 5.1 | 5 | 4.9 | 4.9 | 4.9 | 170 |
| 175 | | | | 4.9 | 4.9 | 5.1 | 4.6 | 4.8 | 4.9 | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.9 | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.8 | 4.7 | 175 |
| 180 | | | | 4.7 | 4.8 | 4.9 | 4.4 | 4.6 | 4.7 | 4.9 | 5 | 5 | 4.6 | 4.7 | 4.8 | 4.7 | 5 | 5 | 4.6 | 4.7 | 4.8 | 4.4 | 180 |
| 185 | | | | 4.5 | 4.6 | 4.8 | 4.1 | 4.4 | 4.5 | 4.7 | 4.8 | 4.9 | 4.4 | 4.6 | 4.7 | 4.3 | 4.8 | 4.9 | 4.2 | 4.6 | 4.7 | 4 | 185 |
| 190 | | | | 4.3 | 4.4 | 4.5 | 3.9 | 4.2 | 4.3 | 4.5 | 4.7 | 4.8 | 4.2 | 4.4 | 4.6 | 3.9 | 4.5 | 4.9 | 3.8 | 4.4 | 4.5 | 3.6 | 190 |
| 195 | | | | 4.1 | 4.2 | 4.3 | 3.7 | 3.9 | 4.1 | 4.4 | 4.5 | 4.6 | 4 | 4.2 | 4.4 | 3.5 | 4.2 | 4.6 | 3.3 | 4.1 | 4.4 | 3.1 | 195 |
| 200 | | | | 3.9 | 4 | 4.1 | 3.6 | 3.7 | 3.9 | 4.1 | 4.3 | 4.4 | 3.8 | 4 | 4.2 | 3.1 | 3.8 | 4.2 | 3 | 3.7 | 4.1 | 2.8 | 200 |
| 205 | | | | 3.7 | 3.8 | | 3.4 | 3.5 | 3.6 | 3.7 | 4.1 | 4.2 | 3.5 | 3.8 | 4 | 2.7 | 3.4 | 3.7 | 2.6 | 3.2 | 3.7 | 2.4 | 205 |
| 210 | | | | 3.6 | 3.7 | | 3.2 | 3.3 | 3.4 | 3.3 | 3.8 | 4 | 3.2 | 3.6 | 3.8 | 2.3 | 3 | 3.3 | 2.2 | 2.8 | 3.2 | 2 | 210 |
| 215 | | | | 3.4 | 3.5 | | 3 | 3.1 | | 2.9 | 3.4 | 3.6 | 2.8 | 3.3 | 3.5 | 2 | 2.6 | 2.8 | 1.8 | 2.5 | 2.8 | | 215 |
| 220 | | | | 3.3 | 3.3 | | 2.8 | 2.9 | | 2.6 | 3 | | 2.4 | 2.9 | 3.1 | | 2.1 | 2.4 | | 2.1 | 2.4 | | 220 |
| 225 | | | | 3 | 3.2 | | 2.7 | 2.8 | | 2.2 | 2.6 | | 2.1 | 2.5 | | | 1.9 | | | 2 | | | 225 |
| 230 | | | | 2.6 | | | 2.5 | 2.6 | | 1.9 | 2.2 | | | 2.2 | | | | | | | | | 230 |
| 235 | | | | | | | 2.2 | 2.4 | | | 1.8 | | | 1.8 | | | | | | | | | 235 |
| 240 | | | | | | | 1.9 | | | | | | | | | | | | | | | | 240 |

t_205_51401_00_000 / 51431_00_000 / 51461_00_000

Lifting capacities Forces de levage



| | 42 ft + 23 ft | | | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 197 ft + 23 ft | | | |
|-----|---------------|------|------|----------------|------|------|----------------|------|-----|----------------|------|------|----------------|-----|-----|----------------|------|-----|----------------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| | 35 ft | | | | | | | | | | | | | | | | | | | | | |
| 14 | 13.3 | | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | 13.2 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 13.2 | | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | 13.2 | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 13.2 | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 13.2 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 13.1 | 13.2 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 13 | 13.2 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 12.8 | 13.1 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 12.5 | 12.7 | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 12.2 | 12.3 | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 11.8 | 11.9 | 11.5 | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 11.4 | 11.4 | 11.5 | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 11.1 | 11.1 | 11.2 | 13.3 | | | | | | | | | | | | | | | | | | 34 |
| 36 | 10.7 | 10.7 | 10.9 | 13.3 | | | | | | | | | | | | | | | | | | 36 |
| 38 | 10.4 | 10.4 | 10.5 | 13.2 | | | 11.5 | | | 11.7 | | | | | | | | | | | | 38 |
| 40 | 10 | 10 | 10.2 | 13.2 | | | 11.5 | | | 11.7 | | | 10 | | | | | | | | | 40 |
| 45 | 9.2 | 9.3 | 9.4 | 13.2 | | | 11.4 | | | 11.7 | | | 10 | | | 10.2 | | | 8.6 | | | 45 |
| 50 | 8.4 | 8.7 | 8.8 | 13.1 | 12.9 | | 11.4 | | | 11.7 | | | 10 | | | 10.2 | | | 8.6 | | | 50 |
| 55 | 7.6 | 8.1 | 8.3 | 13 | 12.4 | | 11.4 | 11.2 | | 11.6 | 11.7 | | 10 | 10 | | 10.2 | | | 8.6 | | | 55 |
| 60 | 6.9 | 7.6 | 7.8 | 12.8 | 11.9 | 11.2 | 11.3 | 10.9 | | 11.6 | 11.4 | | 10 | 10 | | 10.2 | 10.2 | | 8.5 | 8.6 | | 60 |
| 65 | 6.2 | 6.8 | 7.3 | 12.1 | 11.5 | 10.8 | 11.1 | 10.5 | 10 | 11 | 11.1 | 10.5 | 9.9 | 9.9 | 9.6 | 9.4 | 10.2 | | 8.3 | 8.6 | | 65 |
| 70 | 5.7 | 6.2 | 6.6 | 10.7 | 11 | 10.4 | 10.2 | 10.1 | 9.7 | 9.4 | 10.7 | 10.1 | 9 | 9.7 | 9.3 | 7.9 | 9.5 | 9.7 | 7.2 | 8.5 | 8.4 | 70 |
| 75 | 5.2 | 5.6 | 5.9 | 9.2 | 10.4 | 10 | 8.8 | 9.8 | 9.4 | 8 | 9.4 | 9.8 | 7.6 | 9 | 9.1 | 6.6 | 8.1 | 9.2 | 6 | 7.4 | 8.3 | 75 |
| 80 | 4.7 | 5 | 5.2 | 7.8 | 9.1 | 9.7 | 7.5 | 8.8 | 9.1 | 6.7 | 8.1 | 9.2 | 6.5 | 7.7 | 8.7 | 5.4 | 6.8 | 8 | 4.9 | 6.2 | 7.4 | 80 |
| 85 | 4.3 | 4.5 | 4.6 | 6.7 | 7.9 | 8.9 | 6.3 | 7.6 | 8.6 | 5.6 | 6.9 | 7.9 | 5.4 | 6.6 | 7.6 | 4.2 | 5.6 | 6.8 | 3.8 | 5.2 | 6.2 | 85 |
| 90 | 3.9 | 4 | | 5.6 | 6.8 | 7.7 | 5.3 | 6.5 | 7.5 | 4.6 | 5.8 | 6.8 | 4.3 | 5.6 | 6.5 | 3.2 | 4.6 | 5.6 | 2.8 | 4.2 | 5.2 | 90 |
| 95 | | | | 4.7 | 5.8 | 6.6 | 4.4 | 5.5 | 6.4 | 3.6 | 4.8 | 5.7 | 3.5 | 4.6 | 5.5 | 2.2 | 3.6 | 4.6 | | 3.2 | 4.3 | 95 |
| 100 | | | | 3.9 | 4.9 | 5.6 | 3.6 | 4.6 | 5.4 | 2.8 | 3.9 | 4.8 | 2.5 | 3.7 | 4.6 | | 2.6 | 3.7 | | | 3.3 | 100 |
| 105 | | | | 3.1 | 4 | 4.8 | 2.8 | 3.8 | 4.5 | 1.8 | 3.1 | 3.9 | | 2.9 | 3.7 | | | 2.7 | | | 2.4 | 105 |
| 110 | | | | 2.3 | 3.3 | 3.9 | 1.9 | 3 | 3.7 | | 2.2 | 3.1 | | 2 | 2.9 | | | | | | | 110 |
| 115 | | | | | 2.5 | 3.2 | | 2.2 | 3 | | | 2.2 | | | 2.1 | | | | | | | 115 |
| 120 | | | | | | 2.5 | | | 2.2 | | | | | | | | | | | | | 120 |

t_205_01319_00_000 / 01349_00_000 / 01379_00_000

Lifting capacities Forces de levage

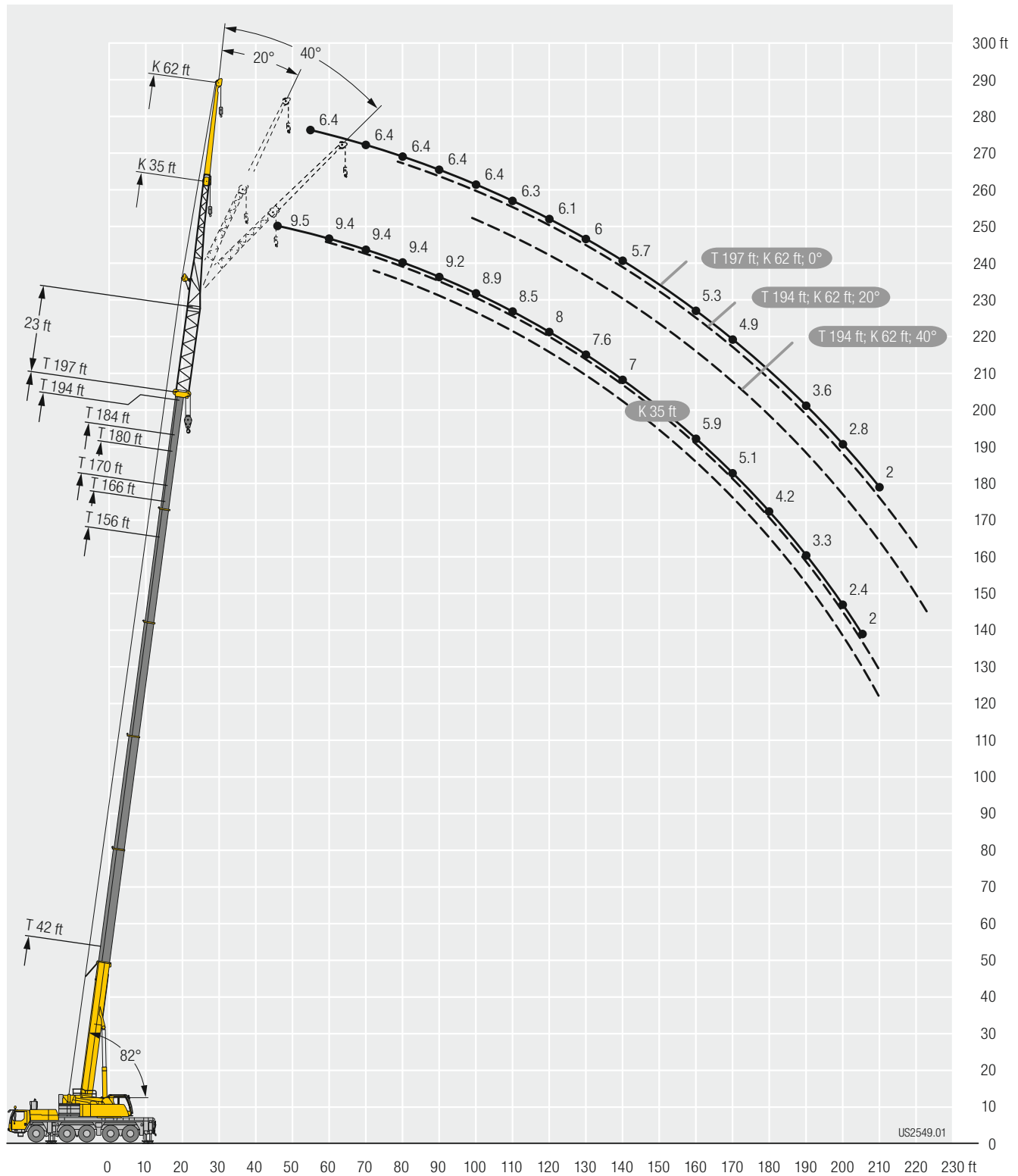
TVK



| | 42 ft + 23 ft | | | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 194 ft + 23 ft | | | 197 ft + 23 ft | |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | |
| 17 | 8.3 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 8.3 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 8.3 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 8.3 | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 8.2 | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 8.2 | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 8.1 | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 8 | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 8 | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 8 | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 8 | 7.7 | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 7.9 | 7.7 | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 7.8 | 7.7 | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 7.8 | 7.7 | | 8.3 | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 7.4 | 7.5 | | 8.3 | | | 7.4 | | | 7.6 | | | | | | | | | | | | 45 | |
| 50 | 7.1 | 7.2 | 7 | 8.3 | | | 7.4 | | | 7.6 | | | 6.7 | | | 6.9 | | | 6 | | | 50 | |
| 55 | 6.7 | 6.8 | 7 | 8.2 | | | 7.4 | | | 7.5 | | | 6.7 | | | 6.8 | | | 6 | | | 55 | |
| 60 | 6.3 | 6.4 | 6.6 | 8.2 | | | 7.4 | | | 7.5 | | | 6.7 | | | 6.8 | | | 6 | | | 60 | |
| 65 | 6 | 6.1 | 6.3 | 8.1 | 7.6 | | 7.3 | | | 7.5 | | | 6.7 | | | 6.8 | | | 6 | | | 65 | |
| 70 | 5.7 | 5.8 | 5.9 | 8 | 7.6 | | 7.3 | 7.1 | | 7.5 | 7.3 | | 6.7 | | | 6.7 | | | 6 | | | 70 | |
| 75 | 5.4 | 5.5 | 5.6 | 7.9 | 7.5 | | 7.3 | 7.1 | | 7.4 | 7.3 | | 6.7 | 6.5 | | 6.4 | 6.6 | | 6 | | | 75 | |
| 80 | 5.1 | 5.2 | 5.4 | 7.6 | 7.4 | | 7.1 | 7 | | 6.8 | 7.2 | | 6.4 | 6.5 | | 5.5 | 6.6 | | 5.1 | 5.8 | | 80 | |
| 85 | 4.7 | 5 | 5.1 | 7 | 7.2 | 6.8 | 6.4 | 6.8 | | 5.9 | 7 | | 5.5 | 6.5 | | 4.5 | 6.6 | | 4.2 | 5.8 | | 85 | |
| 90 | 4.3 | 4.8 | 4.9 | 5.9 | 7 | 6.6 | 5.6 | 6.6 | 6.3 | 4.9 | 6.9 | 6.5 | 4.6 | 6.3 | 6.1 | 3.6 | 5.7 | | 3.2 | 5.4 | | 90 | |
| 95 | 4 | 4.5 | 4.7 | 5 | 6.6 | 6.5 | 4.7 | 6.4 | 6.2 | 4 | 6 | 6.4 | 3.7 | 5.6 | 6 | 2.7 | 4.8 | 6.2 | 2.2 | 4.5 | 5.5 | 2.1 | 95 |
| 100 | 3.7 | 4.1 | 4.5 | 4.2 | 6 | 6.3 | 3.9 | 5.7 | 6 | 3.1 | 5.1 | 6.2 | 2.9 | 4.8 | 5.9 | | 4 | 5.6 | | 3.7 | 5.3 | | 100 |
| 105 | 3.4 | 3.7 | 4 | 3.5 | 5.2 | 6.1 | 3.1 | 4.9 | 5.9 | 2.3 | 4.3 | 5.8 | 2 | 4 | 5.4 | | 3.2 | 4.8 | | 3 | 4.5 | | 105 |
| 110 | 3.1 | 3.4 | 3.5 | 2.7 | 4.4 | 5.6 | 2.4 | 4.1 | 5.5 | | 3.5 | 4.9 | | 3.3 | 4.7 | | 2.3 | 4 | | 2.1 | 3.7 | | 110 |
| 115 | 2.9 | 3 | | 2 | 3.7 | 4.9 | | 3.4 | 4.7 | | 2.8 | 4.2 | | 2.5 | 3.9 | | | 3.2 | | | 3 | | 115 |
| 120 | | | | | 3 | 4.2 | | 2.8 | 4 | | 2 | 3.4 | | 1.8 | 3.3 | | | 2.4 | | | 2.4 | | 120 |
| 125 | | | | | 2.3 | 3.5 | | 2 | 3.3 | | | 2.8 | | | 2.5 | | | | | | | | 125 |
| 130 | | | | | | 2.9 | | | 2.6 | | | 2 | | | 1.8 | | | | | | | | 130 |
| 135 | | | | | | 2.2 | | | 1.9 | | | | | | | | | | | | | | 135 |

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Lifting heights Hauteurs de levage



US2549.01

Lifting capacities Forces de levage

TVK



| 42 ft + 46 ft | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | 42 ft + 46 ft |
|---------------|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|---------------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 14 | 9.7 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 9.7 | | | | | | | | | | | | | | | | | | 15 |
| 16 | 9.7 | | | | | | | | | | | | | | | | | | 16 |
| 17 | 9.7 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 9.7 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 9.7 | | | | | | | | | | | | | | | | | | 19 |
| 20 | 9.7 | | | | | | | | | | | | | | | | | | 20 |
| 22 | 9.7 | | | | | | | | | | | | | | | | | | 22 |
| 24 | 9.7 | 9.7 | | | | | | | | | | | | | | | | | 24 |
| 26 | 9.6 | 9.7 | | | | | | | | | | | | | | | | | 26 |
| 28 | 9.5 | 9.7 | | | | | | | | | | | | | | | | | 28 |
| 30 | 9.5 | 9.7 | | | | | | | | | | | | | | | | | 30 |
| 32 | 9.3 | 9.6 | | | | | | | | | | | | | | | | | 32 |
| 34 | 9.1 | 9.4 | 9.1 | | | | | | | | | | | | | | | | 34 |
| 36 | 8.9 | 9.1 | 9.1 | | | | | | | | | | | | | | | | 36 |
| 38 | 8.7 | 8.9 | 9 | | | | | | | | | | | | | | | | 38 |
| 40 | 8.5 | 8.6 | 8.9 | 9.7 | | | | | | | | | | | | | | | 40 |
| 45 | 8 | 8.1 | 8.3 | 9.7 | | | 8.5 | | | 8.8 | | | | | | | | | 45 |
| 50 | 7.4 | 7.5 | 7.7 | 9.7 | | | 8.5 | | | 8.7 | | | 7.6 | | | 7.6 | | | 50 |
| 55 | 7 | 7.1 | 7.2 | 9.7 | 9.7 | | 8.5 | | | 8.7 | | | 7.6 | | | 7.6 | | | 55 |
| 60 | 6.5 | 6.6 | 6.8 | 9.6 | 9.5 | | 8.5 | 8.5 | | 8.6 | 8.7 | | 7.6 | 7.7 | | 7.6 | | | 60 |
| 65 | 6.2 | 6.2 | 6.4 | 9.4 | 9.2 | 8.9 | 8.4 | 8.4 | | 8.6 | 8.6 | | 7.5 | 7.6 | | 7.6 | 7.6 | | 65 |
| 70 | 5.8 | 5.9 | 6 | 9.2 | 8.9 | 8.6 | 8.3 | 8.2 | 8 | 8.5 | 8.5 | 8.4 | 7.5 | 7.6 | | 7.5 | 7.6 | | 70 |
| 75 | 5.4 | 5.5 | 5.7 | 8.9 | 8.6 | 8.4 | 8.2 | 8 | 7.8 | 8.4 | 8.3 | 8.1 | 7.4 | 7.6 | 7.5 | 7.5 | 7.6 | 7.6 | 75 |
| 80 | 5 | 5.2 | 5.4 | 8.7 | 8.3 | 8.1 | 8 | 7.7 | 7.5 | 8.2 | 8.1 | 7.9 | 7.4 | 7.4 | 7.3 | 7.5 | 7.6 | 7.5 | 80 |
| 85 | 4.6 | 4.9 | 5.1 | 8.4 | 8 | 7.8 | 7.7 | 7.5 | 7.3 | 8.1 | 7.8 | 7.6 | 7.3 | 7.2 | 7.1 | 7.4 | 7.5 | 7.3 | 85 |
| 90 | 4.2 | 4.5 | 4.8 | 8.1 | 7.8 | 7.6 | 7.5 | 7.2 | 7.1 | 7.9 | 7.6 | 7.4 | 7.2 | 7 | 6.9 | 7.3 | 7.3 | 7.1 | 90 |
| 95 | 3.8 | 4.1 | 4.3 | 7.8 | 7.5 | 7.3 | 7.3 | 7 | 6.9 | 7.7 | 7.4 | 7.2 | 7 | 6.8 | 6.7 | 7.2 | 7.1 | 7 | 95 |
| 100 | 3.4 | 3.7 | 3.8 | 7.6 | 7.3 | 7.1 | 7.1 | 6.8 | 6.7 | 7.5 | 7.1 | 7 | 6.9 | 6.6 | 6.5 | 7.1 | 6.9 | 6.8 | 100 |
| 105 | 3.1 | 3.3 | 3.3 | 7.3 | 7 | 6.9 | 6.9 | 6.6 | 6.5 | 7.2 | 6.9 | 6.8 | 6.7 | 6.5 | 6.4 | 7 | 6.7 | 6.6 | 105 |
| 110 | 2.8 | 2.9 | 3.2 | 7.1 | 6.8 | 6.7 | 6.7 | 6.4 | 6.3 | 7 | 6.7 | 6.6 | 6.5 | 6.3 | 6.2 | 6.8 | 6.6 | 6.4 | 110 |
| 115 | 2.6 | | | 6.9 | 6.6 | 6.5 | 6.4 | 6.2 | 6.1 | 6.8 | 6.5 | 6.4 | 6.3 | 6.1 | 6 | 6.6 | 6.4 | 6.3 | 115 |
| 120 | | | | 6.6 | 6.4 | 6.3 | 6.3 | 6 | 6 | 6.6 | 6.3 | 6.2 | 6.2 | 6 | 5.9 | 6.4 | 6.2 | 6.1 | 120 |
| 125 | | | | 6.4 | 6.2 | 6.1 | 6.1 | 5.9 | 5.8 | 6.4 | 6.2 | 6.1 | 6 | 5.8 | 5.7 | 6.2 | 6.1 | 6 | 125 |
| 130 | | | | 6.2 | 6 | 5.9 | 5.9 | 5.7 | 5.6 | 6.2 | 6 | 5.9 | 5.8 | 5.7 | 5.6 | 6.1 | 5.9 | 5.8 | 130 |
| 135 | | | | 6 | 5.8 | 5.8 | 5.7 | 5.6 | 5.5 | 6 | 5.8 | 5.8 | 5.7 | 5.5 | 5.5 | 5.9 | 5.7 | 5.7 | 135 |
| 140 | | | | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.4 | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.8 | 5.6 | 5.5 | 140 |
| 145 | | | | 5.7 | 5.5 | 5.5 | 5.4 | 5.3 | 5.2 | 5.7 | 5.5 | 5.5 | 5.4 | 5.3 | 5.2 | 5.6 | 5.5 | 5.4 | 145 |
| 150 | | | | 5.5 | 5.4 | 5.4 | 5.2 | 5.1 | 5.1 | 5.6 | 5.4 | 5.4 | 5.2 | 5.1 | 5.1 | 5.5 | 5.3 | 5.3 | 150 |
| 155 | | | | 5.3 | 5.2 | 5.2 | 5 | 5 | 5 | 5.4 | 5.3 | 5.2 | 5 | 5 | 5 | 5.3 | 5.2 | 5.2 | 155 |
| 160 | | | | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.9 | 5.3 | 5.1 | 5.1 | 4.9 | 4.9 | 4.8 | 5.2 | 5.1 | 5.1 | 160 |
| 165 | | | | 4.8 | 4.9 | 5 | 4.6 | 4.7 | 4.7 | 5.1 | 5 | 5 | 4.7 | 4.7 | 4.7 | 5 | 5 | 5 | 165 |
| 170 | | | | 4.6 | 4.7 | 4.8 | 4.3 | 4.5 | 4.5 | 4.9 | 4.9 | 4.9 | 4.5 | 4.6 | 4.6 | 4.9 | 4.8 | 4.9 | 170 |
| 175 | | | | 4.4 | 4.5 | 4.6 | 4.1 | 4.2 | 4.3 | 4.7 | 4.7 | 4.7 | 4.3 | 4.4 | 4.5 | 4.5 | 4.7 | 4.8 | 175 |
| 180 | | | | 4.2 | 4.3 | 4.4 | 3.9 | 4 | 4.1 | 4.5 | 4.5 | 4.6 | 4.1 | 4.2 | 4.4 | 4.1 | 4.5 | 4.7 | 180 |
| 185 | | | | 4 | 4.1 | 4.1 | 3.7 | 3.8 | 3.9 | 4.3 | 4.3 | 4.4 | 4 | 4 | 4.2 | 3.6 | 4 | 4.3 | 185 |
| 190 | | | | 3.8 | 3.9 | 3.9 | 3.5 | 3.6 | 3.6 | 4 | 4.1 | 4.2 | 3.8 | 3.9 | 3.9 | 3.2 | 3.6 | 3.9 | 190 |
| 195 | | | | 3.6 | 3.7 | 3.7 | 3.3 | 3.4 | 3.4 | 3.8 | 3.9 | 4 | 3.5 | 3.7 | 3.7 | 2.8 | 3.2 | 3.4 | 195 |
| 200 | | | | 3.4 | 3.5 | | 3.1 | 3.2 | 3.2 | 3.4 | 3.6 | 3.7 | 3.2 | 3.5 | 3.5 | 2.4 | 2.8 | 3 | 200 |
| 205 | | | | 3.2 | 3.3 | | 2.9 | 3 | | 2.9 | 3.3 | 3.4 | 2.8 | 3.1 | 3.2 | 1.9 | 2.3 | 2.5 | 205 |
| 210 | | | | 3.1 | 3.1 | | 2.7 | 2.8 | | 2.5 | 2.8 | | 2.4 | 2.7 | 2.9 | | 1.9 | 2.1 | 210 |
| 215 | | | | 2.9 | 3 | | 2.5 | 2.6 | | 2.2 | 2.4 | | 2 | 2.3 | 2.5 | | | | 215 |
| 220 | | | | 2.6 | 2.7 | | 2.3 | 2.4 | | 1.8 | 2 | | | 1.9 | | | | | 220 |
| 225 | | | | 2.2 | | | 2 | 2.2 | | | | | | | | | | | 225 |
| 230 | | | | | | | | 1.9 | | | | | | | | | | | 230 |

t_205_51501_00_000 / 51531_00_000 / 51561_00_000

Lifting capacities Forces de levage

TVK



| Crane Model | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | Crane Model |
|-------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-------------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 62 ft | | | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 17 | 6.6 | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 6.6 | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 6.6 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 6.6 | | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 6.6 | | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 6.6 | | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 6.6 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 6.6 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 6.5 | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 6.5 | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 6.5 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 6.5 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 6.4 | 6.6 | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 6.4 | 6.6 | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 6.3 | 6.6 | | 6.6 | | | | | | | | | | | | | | | | | | 45 |
| 50 | 6.1 | 6.3 | | 6.6 | | | 5.8 | | | 5.9 | | | | | | | | | | | | 50 |
| 55 | 5.8 | 6 | 5.9 | 6.6 | | | 5.8 | | | 5.9 | | | 5.2 | | | 5.2 | | | | | | 55 |
| 60 | 5.5 | 5.7 | 5.9 | 6.5 | | | 5.7 | | | 5.9 | | | 5.1 | | | 5.2 | | | 4.5 | | | 60 |
| 65 | 5.2 | 5.4 | 5.6 | 6.5 | | | 5.7 | | | 5.8 | | | 5.1 | | | 5.1 | | | 4.4 | | | 65 |
| 70 | 4.9 | 5.1 | 5.3 | 6.4 | | | 5.7 | | | 5.8 | | | 5.1 | | | 5.1 | | | 4.4 | | | 70 |
| 75 | 4.6 | 4.8 | 5 | 6.4 | 6.5 | | 5.7 | 5.8 | | 5.7 | 5.9 | | 5 | | | 5.1 | | | 4.4 | | | 75 |
| 80 | 4.4 | 4.5 | 4.7 | 6.3 | 6.3 | | 5.6 | 5.8 | | 5.7 | 5.9 | | 5 | 5.2 | | 5 | 5.2 | | 4.4 | | | 80 |
| 85 | 4.1 | 4.2 | 4.5 | 6.3 | 6.2 | | 5.6 | 5.7 | | 5.7 | 5.8 | | 5 | 5.1 | | 5 | 5.2 | | 4.4 | 4.5 | | 85 |
| 90 | 3.9 | 4 | 4.2 | 6.2 | 6 | 5.8 | 5.5 | 5.6 | | 5.7 | 5.7 | | 5 | 5.1 | | 5 | 5.2 | | 4.3 | 4.5 | | 90 |
| 95 | 3.7 | 3.8 | 4 | 6.1 | 5.8 | 5.6 | 5.5 | 5.4 | 5.3 | 5.6 | 5.6 | 5.4 | 5 | 5.1 | | 5 | 5.1 | | 4.3 | 4.5 | | 95 |
| 100 | 3.5 | 3.6 | 3.8 | 5.9 | 5.6 | 5.4 | 5.4 | 5.3 | 5.1 | 5.6 | 5.4 | 5.3 | 4.9 | 5.1 | 4.9 | 5 | 5.1 | 5.1 | 4.3 | 4.5 | | 100 |
| 105 | 3.3 | 3.4 | 3.6 | 5.7 | 5.4 | 5.3 | 5.3 | 5.1 | 5 | 5.5 | 5.3 | 5.2 | 4.9 | 4.9 | 4.8 | 4.9 | 5 | 5 | 4.3 | 4.5 | 4.4 | 105 |
| 110 | 3.1 | 3.3 | 3.4 | 5.5 | 5.3 | 5.1 | 5.2 | 4.9 | 4.8 | 5.4 | 5.1 | 5 | 4.9 | 4.8 | 4.7 | 4.9 | 4.9 | 4.9 | 4.3 | 4.4 | 4.4 | 110 |
| 115 | 2.8 | 3.1 | 3.2 | 5.3 | 5.1 | 5 | 5 | 4.8 | 4.7 | 5.2 | 5 | 4.9 | 4.8 | 4.7 | 4.6 | 4.8 | 4.8 | 4.8 | 4.3 | 4.4 | 4.4 | 115 |
| 120 | 2.5 | 2.9 | 3.1 | 5.2 | 4.9 | 4.8 | 4.8 | 4.6 | 4.6 | 5.1 | 4.9 | 4.7 | 4.7 | 4.6 | 4.5 | 4.7 | 4.7 | 4.6 | 4.2 | 4.3 | 4.3 | 120 |
| 125 | 2.5 | 2.6 | 2.8 | 5 | 4.8 | 4.7 | 4.7 | 4.5 | 4.4 | 4.9 | 4.7 | 4.6 | 4.6 | 4.4 | 4.3 | 4.7 | 4.6 | 4.5 | 4.2 | 4.2 | 4.2 | 125 |
| 130 | 2.5 | 2.5 | 2.4 | 4.8 | 4.6 | 4.5 | 4.5 | 4.4 | 4.3 | 4.8 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.6 | 4.5 | 4.4 | 4.1 | 4.1 | 4.1 | 130 |
| 135 | 2.5 | 2.5 | 2.2 | 4.7 | 4.5 | 4.4 | 4.4 | 4.2 | 4.2 | 4.7 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 | 4.5 | 4.3 | 4.3 | 4.1 | 4 | 4 | 135 |
| 140 | 2.5 | 2.5 | | 4.5 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.5 | 4.3 | 4.3 | 4.2 | 4.1 | 4 | 4.4 | 4.2 | 4.2 | 4 | 3.9 | 3.9 | 140 |
| 145 | | | | 4.4 | 4.2 | 4.2 | 4.2 | 4 | 3.9 | 4.4 | 4.2 | 4.1 | 4.1 | 3.9 | 3.9 | 4.3 | 4.1 | 4.1 | 3.9 | 3.8 | 3.8 | 145 |
| 150 | | | | 4.3 | 4.1 | 4 | 4 | 3.9 | 3.8 | 4.2 | 4.1 | 4 | 4 | 3.8 | 3.8 | 4.2 | 4 | 4 | 3.9 | 3.7 | 3.7 | 150 |
| 155 | | | | 4.1 | 4 | 3.9 | 3.9 | 3.7 | 3.7 | 4.1 | 4 | 3.9 | 3.9 | 3.7 | 3.7 | 4.1 | 3.9 | 3.9 | 3.8 | 3.6 | 3.6 | 155 |
| 160 | | | | 4 | 3.8 | 3.8 | 3.8 | 3.6 | 3.6 | 4 | 3.9 | 3.8 | 3.8 | 3.6 | 3.6 | 3.9 | 3.8 | 3.8 | 3.7 | 3.6 | 3.6 | 160 |
| 165 | | | | 3.9 | 3.7 | 3.7 | 3.7 | 3.5 | 3.5 | 3.9 | 3.8 | 3.7 | 3.7 | 3.5 | 3.6 | 3.8 | 3.7 | 3.7 | 3.6 | 3.5 | 3.5 | 165 |
| 170 | | | | 3.7 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.8 | 3.7 | 3.6 | 3.6 | 3.4 | 3.5 | 3.7 | 3.6 | 3.6 | 3.5 | 3.4 | 3.4 | 170 |
| 175 | | | | 3.6 | 3.5 | 3.5 | 3.5 | 3.3 | 3.4 | 3.7 | 3.6 | 3.5 | 3.5 | 3.4 | 3.4 | 3.6 | 3.5 | 3.5 | 3.4 | 3.3 | 3.3 | 175 |
| 180 | | | | 3.5 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.6 | 3.5 | 3.5 | 3.4 | 3.3 | 3.3 | 3.6 | 3.4 | 3.4 | 3.3 | 3.2 | 3.2 | 180 |
| 185 | | | | 3.4 | 3.3 | 3.4 | 3.2 | 3.2 | 3.2 | 3.5 | 3.4 | 3.4 | 3.3 | 3.2 | 3.2 | 3.5 | 3.3 | 3.4 | 3.2 | 3.2 | 3.2 | 185 |
| 190 | | | | 3.3 | 3.3 | 3.3 | 3 | 3.1 | 3.1 | 3.4 | 3.3 | 3.3 | 3.2 | 3.1 | 3.1 | 3.3 | 3.3 | 3.3 | 3 | 3.1 | 3.1 | 190 |
| 195 | | | | 3.2 | 3.2 | 3.2 | 2.9 | 3 | 3.1 | 3.3 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3 | 3.2 | 3.2 | 2.8 | 3 | 3 | 195 |
| 200 | | | | 3.1 | 3.1 | 3.1 | 2.7 | 2.9 | 3 | 3.2 | 3.1 | 3.2 | 2.9 | 3 | 3 | 2.6 | 3.1 | 3.2 | 2.4 | 2.9 | 3 | 200 |
| 205 | | | | 2.9 | 3 | 3.1 | 2.5 | 2.7 | 2.9 | 3.1 | 3 | 3.1 | 2.8 | 2.9 | 2.9 | 2.2 | 2.9 | 3.1 | 2 | 2.7 | 2.9 | 205 |
| 210 | | | | 2.8 | 2.9 | 3 | 2.4 | 2.6 | 2.8 | 2.8 | 3 | 3 | 2.6 | 2.8 | 2.8 | 1.9 | 2.5 | 3 | | 2.4 | 2.8 | 210 |
| 215 | | | | 2.6 | 2.7 | 2.8 | 2.2 | 2.4 | 2.6 | 2.5 | 2.9 | 2.9 | 2.4 | 2.6 | 2.8 | | 2.2 | 2.6 | | 2 | 2.5 | 215 |
| 220 | | | | 2.4 | 2.5 | 2.6 | 2 | 2.2 | 2.3 | 2.2 | 2.7 | 2.8 | 2.1 | 2.5 | 2.6 | | 1.8 | 2.2 | | | 2.1 | 220 |
| 225 | | | | 2.3 | 2.4 | | 1.8 | 2 | 2.1 | 1.9 | 2.4 | 2.6 | | 2.3 | 2.4 | | | 1.8 | | | | 225 |
| 230 | | | | 2.1 | 2.2 | | | 1.8 | 1.9 | | 2 | 2.2 | | 1.9 | 2.2 | | | | | | | 230 |
| 235 | | | | 2 | 2.1 | | | | | | | | | | 1.8 | | | | | | | 235 |
| 240 | | | | | 1.9 | | | | | | | | | | | | | | | | | 240 |

t_205_51601_00_000 / 51631_00_000 / 51661_00_000

Lifting capacities Forces de levage

TVK



| Jib ↙ ↘ | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | Jib ↙ ↘ | |
|------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|------------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 35 ft | | | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | |
| 14 | 8.9 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 8.9 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 8.9 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 8.9 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 8.9 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 8.9 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 8.9 | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 8.8 | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 8.8 | 8.9 | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 8.7 | 8.9 | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 8.6 | 8.9 | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 8.6 | 8.8 | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 8.5 | 8.7 | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 8.3 | 8.5 | 8.3 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 8.1 | 8.3 | 8.3 | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 7.9 | 8.1 | 8.2 | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 7.7 | 7.9 | 8.1 | 8.9 | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 7.2 | 7.3 | 7.5 | 8.9 | | | 7.8 | | | 8 | | | | | | | | | | | | 45 | |
| 50 | 6.8 | 6.9 | 7 | 8.8 | | | 7.8 | | | 7.9 | | | 6.9 | | | 6.9 | | | | 6 | | 50 | |
| 55 | 6.3 | 6.4 | 6.6 | 8.8 | 8.8 | | 7.7 | | | 7.9 | | | 6.9 | | | 6.9 | | | | 6 | | 55 | |
| 60 | 5.9 | 6 | 6.2 | 8.7 | 8.6 | | 7.7 | 7.8 | | 7.8 | 7.9 | | 6.9 | 7 | | 6.9 | | | | 6 | | 60 | |
| 65 | 5.6 | 5.7 | 5.8 | 8.6 | 8.4 | 8.1 | 7.6 | 7.7 | | 7.8 | 7.9 | | 6.8 | 6.9 | | 6.9 | 6.9 | | | 6 | 6 | 65 | |
| 70 | 5.3 | 5.3 | 5.5 | 8.4 | 8.1 | 7.9 | 7.6 | 7.5 | 7.3 | 7.7 | 7.7 | 7.6 | 6.8 | 6.9 | | 6.8 | 6.9 | | | 6 | 6 | 70 | |
| 75 | 5 | 5 | 5.1 | 8.1 | 7.8 | 7.6 | 7.4 | 7.2 | 7.1 | 7.3 | 7.6 | 7.4 | 6.7 | 6.9 | 6.8 | 5.9 | 6.9 | 6.9 | | 5.5 | 6 | 75 | |
| 80 | 4.6 | 4.8 | 4.9 | 7.2 | 7.6 | 7.3 | 6.9 | 7 | 6.9 | 6.2 | 7.3 | 7.2 | 5.8 | 6.7 | 6.6 | 4.8 | 6.2 | 6.8 | | 4.4 | 5.8 | 6 | 80 |
| 85 | 4.2 | 4.5 | 4.6 | 6.2 | 7.2 | 7.1 | 5.9 | 6.7 | 6.7 | 5.2 | 6.4 | 6.9 | 4.8 | 5.9 | 6.5 | 3.8 | 5.1 | 6.2 | | 3.4 | 4.7 | 5.7 | 85 |
| 90 | 3.8 | 4.1 | 4.3 | 5.2 | 6.3 | 6.9 | 4.9 | 6 | 6.5 | 4.2 | 5.4 | 6.3 | 3.9 | 5 | 5.9 | 2.7 | 4.2 | 5.2 | | | 3.8 | 4.8 | 90 |
| 95 | 3.4 | 3.7 | 3.9 | 4.3 | 5.4 | 6.2 | 4 | 5.1 | 6 | 3.3 | 4.4 | 5.4 | 2.9 | 4.2 | 5 | | 3.2 | 4.3 | | | 2.9 | 3.9 | 95 |
| 100 | 3.1 | 3.3 | 3.5 | 3.5 | 4.5 | 5.3 | 3.2 | 4.2 | 5.1 | 2.3 | 3.6 | 4.5 | | 3.3 | 4.2 | | 2.2 | 3.4 | | | | 3.1 | 100 |
| 105 | 2.8 | 3 | 3 | 2.7 | 3.7 | 4.5 | 2.3 | 3.4 | 4.2 | | 2.7 | 3.6 | | 2.4 | 3.4 | | | 2.4 | | | | | 105 |
| 110 | 2.6 | 2.6 | 3 | 1.8 | 2.9 | 3.7 | | 2.6 | 3.4 | | 1.8 | 2.8 | | | 2.5 | | | | | | | | 110 |
| 115 | 2.4 | | | | 2.1 | 2.9 | | 1.8 | 2.7 | | | 1.9 | | | | | | | | | | | 115 |
| 120 | | | | | 2.2 | | | | 1.9 | | | | | | | | | | | | | | 120 |

t_205_01519_00_000 / 01549_00_000 / 01579_00_000

Lifting capacities Forces de levage

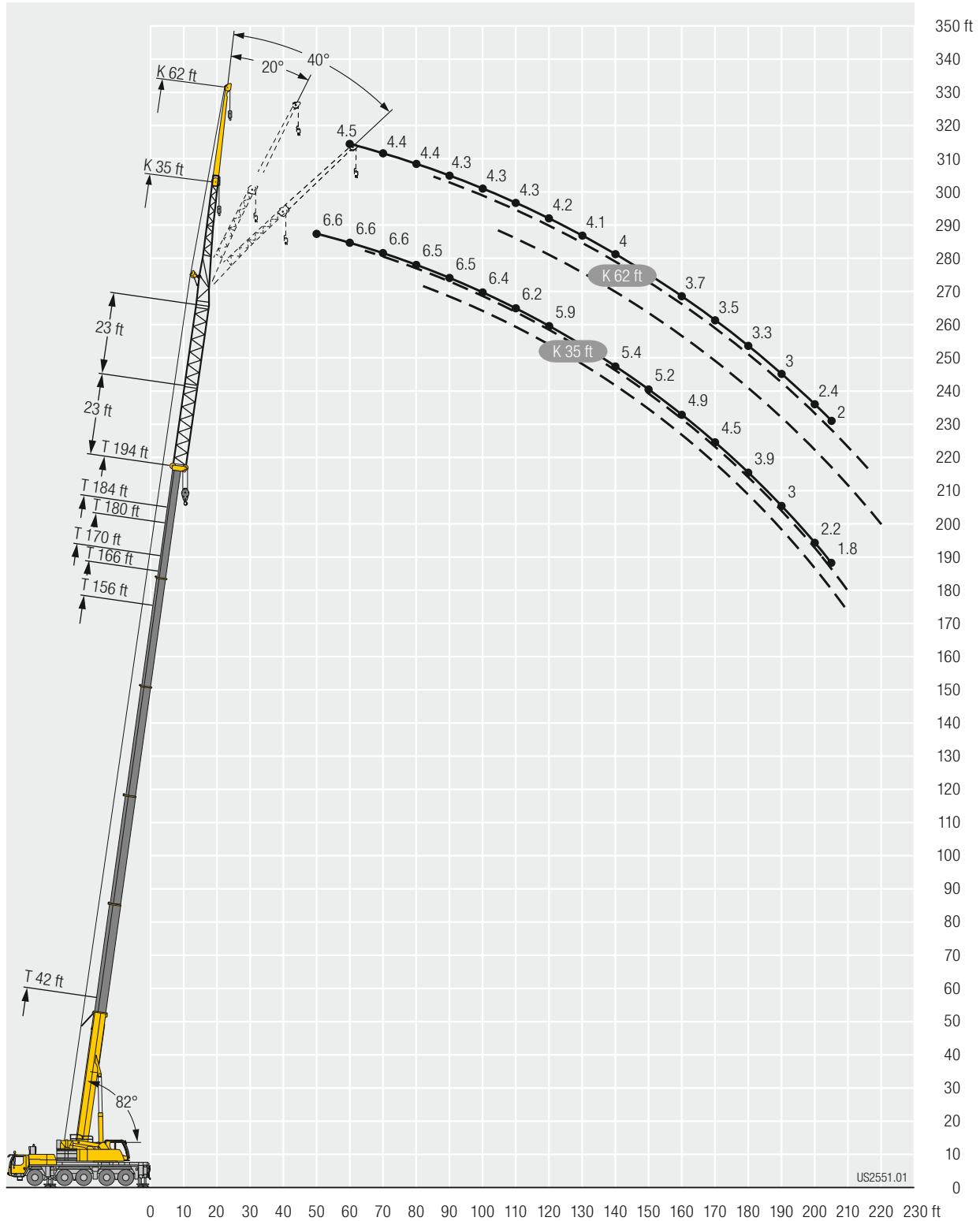
TVK



| 42 - 194 ft T | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | T |
|------------------|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 17 | 6 | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 6 | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 6 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 6 | | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 6 | | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 6 | | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 6 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 6 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 5.9 | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 5.9 | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 5.9 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 5.8 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 5.8 | 6 | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 5.8 | 6 | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 5.6 | 6 | | 6 | | | | | | | | | | | | | | | | | | 45 |
| 50 | 5.5 | 5.8 | | 6 | | | 5.3 | | | 5.4 | | | | | | | | | | | | 50 |
| 55 | 5.3 | 5.5 | 5.4 | 6 | | | 5.3 | | | 5.4 | | | 4.6 | | | 4.7 | | | | | | 55 |
| 60 | 5 | 5.2 | 5.4 | 5.9 | | | 5.2 | | | 5.3 | | | 4.6 | | | 4.7 | | | 4 | | | 60 |
| 65 | 4.7 | 4.9 | 5.1 | 5.9 | | | 5.2 | | | 5.3 | | | 4.6 | | | 4.7 | | | 4 | | | 65 |
| 70 | 4.4 | 4.6 | 4.8 | 5.9 | | | 5.2 | | | 5.3 | | | 4.6 | | | 4.6 | | | 4 | | | 70 |
| 75 | 4.2 | 4.3 | 4.5 | 5.8 | 5.9 | | 5.2 | 5.3 | | 5.2 | 5.4 | | 4.6 | | | 4.6 | | | 4 | | | 75 |
| 80 | 4 | 4.1 | 4.3 | 5.8 | 5.7 | | 5.1 | 5.2 | | 5.2 | 5.4 | | 4.6 | 4.7 | | 4.5 | 4.7 | | 4 | | | 80 |
| 85 | 3.7 | 3.9 | 4.1 | 5.6 | 5.6 | | 5.1 | 5.2 | | 5 | 5.3 | | 4.4 | 4.7 | | 3.8 | 4.7 | | 3.4 | 4.1 | | 85 |
| 90 | 3.5 | 3.7 | 3.8 | 5.2 | 5.4 | 5.3 | 4.7 | 5.1 | | 4.3 | 5.2 | | 3.8 | 4.7 | | 2.9 | 4.7 | | | 4.1 | | 90 |
| 95 | 3.3 | 3.5 | 3.6 | 4.5 | 5.3 | 5.1 | 4.1 | 4.9 | 4.8 | 3.5 | 5.1 | 4.9 | 3 | 4.7 | | | 4.2 | | | 3.9 | | 95 |
| 100 | 3.2 | 3.3 | 3.4 | 3.7 | 5.1 | 4.9 | 3.4 | 4.8 | 4.7 | 2.6 | 4.5 | 4.8 | 2.1 | 4.1 | 4.5 | | 3.5 | 4.6 | | 3.1 | | 100 |
| 105 | 3 | 3.1 | 3.2 | 3 | 4.6 | 4.8 | 2.6 | 4.3 | 4.5 | | 3.8 | 4.7 | | 3.4 | 4.4 | | 2.7 | 4.2 | | | 3.9 | 105 |
| 110 | 2.8 | 3 | 3.1 | 2.2 | 4 | 4.7 | | 3.7 | 4.4 | | 3.1 | 4.4 | | 2.8 | 4.1 | | 1.8 | 3.5 | | | 3.2 | 110 |
| 115 | 2.5 | 2.8 | 2.9 | | 3.3 | 4.5 | | 3 | 4.2 | | 2.4 | 3.8 | | 2 | 3.5 | | | 2.8 | | | 2.5 | 115 |
| 120 | 2.2 | 2.6 | 2.8 | | 2.6 | 3.9 | | 2.3 | 3.6 | | | 3.1 | | | 2.8 | | | 2.1 | | | | 120 |
| 125 | 2.2 | 2.3 | 2.5 | | 1.9 | 3.2 | | | 2.9 | | | 2.4 | | | 2.1 | | | | | | | 125 |
| 130 | 2.2 | 2.2 | 2.1 | | | 2.6 | | | 2.3 | | | | | | | | | | | | | 130 |
| 135 | 2.2 | 2.2 | 1.9 | | | 1.8 | | | | | | | | | | | | | | | | 135 |
| 140 | 2.2 | 2.2 | | | | | | | | | | | | | | | | | | | | 140 |

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Lifting heights Hauteurs de levage



Lifting capacities Forces de levage

TNZK



| 42 ft | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | 42 ft | | | |
|-------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-------|------|------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | | |
| 14 | 38.7 | | | | | | | | | | | | | | | | 14 | | |
| 15 | 38.7 | | | | | | | | | | | | | | | | 15 | | |
| 16 | 38.7 | 37.6 | | 38.7 | | | | | | | | | | | | | 16 | | |
| 17 | 38.7 | 37.6 | | 38.7 | | | | | | | | | | | | | 17 | | |
| 18 | 38.6 | 37.4 | | 38.7 | | | | | | | | | | | | | 18 | | |
| 19 | 38.3 | 36.8 | | 38.7 | | | 38.7 | | | | | | | | | | 19 | | |
| 20 | 37.6 | 36 | | 38.7 | | | 38.7 | | | | | | | | | | 20 | | |
| 22 | 36.3 | 34.5 | | 38.7 | | | 38.7 | | | 37.2 | | | | | | | 22 | | |
| 24 | 34.9 | 33.1 | | 38.7 | | | 38.7 | | | 37 | | | | | | | 24 | | |
| 26 | 33.5 | 31.8 | 25.9 | 38.7 | | | 38.7 | | | 36.8 | | | 31.8 | | | | 26 | | |
| 28 | 32 | 30.6 | 25.3 | 38.7 | 33 | | 38.7 | | | 36.6 | | | 31.7 | | | | 28 | | |
| 30 | 30.5 | 29.5 | 24.6 | 38.7 | 32.2 | | 38.7 | 31.9 | | 36.1 | | | 31.6 | | | 26.5 | 30 | | |
| 32 | 29 | 28.4 | 23.9 | 38.7 | 31.4 | | 38.7 | 31.3 | | 35.7 | | | 31.3 | | | 26.5 | 32 | | |
| 34 | 27.6 | 27.4 | 23.3 | 38.7 | 30.7 | | 38.4 | 30.7 | | 35.2 | 29.7 | | 31.1 | | | 26.4 | 34 | | |
| 36 | 26.1 | 26.5 | 22.7 | 38.6 | 30 | 24 | 37.8 | 30.1 | | 34.7 | 29.3 | | 30.7 | | | 26.3 | 36 | | |
| 38 | 24.6 | 25.6 | 22.2 | 38.3 | 29.3 | 23.7 | 37.1 | 29.4 | | 34.2 | 28.7 | | 30.4 | 27.2 | | 26.1 | 38 | | |
| 40 | 23.4 | 24.5 | 21.6 | 37.5 | 28.7 | 23.3 | 36.4 | 28.9 | 23.3 | 33.7 | 28.2 | | 30.1 | 26.9 | | 25.9 | 40 | | |
| 45 | 20.7 | 21.4 | 20 | 35.6 | 27.3 | 22.5 | 34.8 | 27.6 | 22.6 | 32.6 | 27.1 | 22.4 | 29.3 | 25.9 | | 25.5 | 24 | 45 | |
| 50 | 18.6 | 19.2 | 18.3 | 33.6 | 26 | 21.8 | 33.3 | 26.4 | 21.9 | 31.4 | 26 | 21.7 | 28.6 | 25 | 21.3 | 25 | 23.3 | 50 | |
| 55 | 16.7 | 18 | 17.5 | 31.4 | 24.8 | 21.1 | 31.9 | 25.3 | 21.2 | 30.4 | 25.1 | 21.1 | 27.8 | 24.2 | 20.7 | 24.5 | 22.7 | 20 | 55 |
| 60 | 15.3 | 17.1 | 16.9 | 29.3 | 23.8 | 20.5 | 30.4 | 24.3 | 20.7 | 29.3 | 24.2 | 20.6 | 27 | 23.4 | 20.2 | 24 | 22.1 | 19.6 | 60 |
| 65 | 14 | 16.4 | 6.3 | 27.2 | 22.9 | 19.9 | 28.8 | 23.4 | 20.2 | 28.3 | 23.3 | 20.1 | 26.3 | 22.8 | 19.8 | 23.5 | 21.6 | 19.2 | 65 |
| 70 | | | | 25.1 | 22 | 19.5 | 27.2 | 22.5 | 19.7 | 27.2 | 22.6 | 19.7 | 25.6 | 22.1 | 19.4 | 22.7 | 21 | 18.8 | 70 |
| 75 | | | | 23.3 | 21.1 | 19 | 25.5 | 21.8 | 19.3 | 26.2 | 21.9 | 19.3 | 24.7 | 21.4 | 19 | 21.8 | 20.5 | 18.5 | 75 |
| 80 | | | | 21.7 | 20.3 | 18.6 | 23.8 | 21.1 | 18.9 | 25 | 21.2 | 18.9 | 23.5 | 20.9 | 18.7 | 20.9 | 20.1 | 18.2 | 80 |
| 85 | | | | 20.3 | 19.5 | 18.1 | 22.3 | 20.4 | 18.5 | 23.7 | 20.6 | 18.6 | 22.4 | 20.3 | 18.4 | 20 | 19.4 | 18 | 85 |
| 90 | | | | 19.1 | 18.8 | 17.7 | 21 | 19.7 | 18.1 | 22.3 | 20 | 18.3 | 21.2 | 19.8 | 18.1 | 18.8 | 18.6 | 17.7 | 90 |
| 95 | | | | 18 | 18.2 | 17.3 | 19.9 | 19 | 17.8 | 21.1 | 19.5 | 18 | 20.1 | 19.3 | 17.9 | 17.7 | 17.7 | 17.3 | 95 |
| 100 | | | | 17 | 17.6 | 17.1 | 18.8 | 18.5 | 17.4 | 19.9 | 18.9 | 17.7 | 18.8 | 18.8 | 17.6 | 16.8 | 16.8 | 16.9 | 100 |
| 105 | | | | 16.1 | 17.1 | 16.9 | 17.8 | 17.9 | 17.2 | 18.8 | 18.4 | 17.4 | 17.3 | 17.9 | 17.3 | 15.9 | 15.9 | 16.1 | 105 |
| 110 | | | | 15.3 | 16.7 | 13.9 | 16.9 | 17.4 | 16.9 | 17.6 | 17.8 | 17.1 | 15.9 | 16.8 | 16.9 | 15 | 15.1 | 15.3 | 110 |
| 115 | | | | 14.5 | 16.4 | | 16.1 | 16.9 | 16.8 | 16.3 | 16.9 | 16.7 | 14.7 | 15.4 | 16 | 14.1 | 14.3 | 14.5 | 115 |
| 120 | | | | 13.9 | 16.3 | | 15.4 | 16.1 | 16.2 | 15 | 15.7 | 16 | 13.9 | 14.2 | 14.7 | 13 | 13.5 | 13.7 | 120 |
| 125 | | | | 12.5 | | | 14.4 | 14.8 | | 13.8 | 14.4 | 14.6 | 13.2 | 13.2 | 13.5 | 12 | 12.7 | 13 | 125 |
| 130 | | | | | | | 13.5 | 13.7 | | 12.6 | 13.1 | 13.4 | 12.4 | 12.6 | 12.6 | 11 | 11.7 | 12.1 | 130 |
| 135 | | | | | | | 12.5 | 12.7 | | 11.6 | 12 | | 11.4 | 12 | 12.1 | 10.4 | 10.7 | 11.2 | 135 |
| 140 | | | | | | | 8.1 | | | 10.6 | 11 | | 10.4 | 11 | 11.2 | 10 | 10 | 10.2 | 140 |
| 145 | | | | | | | | | | 9.7 | 10 | | 9.5 | 10 | 10.2 | 9.5 | 9.6 | 9.7 | 145 |
| 150 | | | | | | | | | | 8.8 | 9.1 | | 8.7 | 9.1 | | 8.9 | 9.1 | 9.2 | 150 |
| 155 | | | | | | | | | | | | | 8.2 | 8.3 | | 8.1 | 8.5 | 8.7 | 155 |
| 160 | | | | | | | | | | | | | 7.9 | 8 | | 7.4 | 7.7 | | 160 |
| 165 | | | | | | | | | | | | | 7.7 | 7.8 | | 6.9 | 7 | | 165 |
| 170 | | | | | | | | | | | | | | | | 6.6 | 6.7 | | 170 |
| 175 | | | | | | | | | | | | | | | | 6.4 | 6.4 | | 175 |
| 180 | | | | | | | | | | | | | | | | 6 | | | 180 |

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Lifting capacities Forces de levage

TNZK



| ↙ ↘ | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | ↙ ↘ |
|--------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 32 | 18.4 | | | 19.5 | | | | | | | | | | | | 32 |
| 34 | 18.4 | | | 19.5 | | | | | | | | | | | | 34 |
| 36 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | | | | 36 |
| 38 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | | | | 38 |
| 40 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | 13.9 | | | 40 |
| 45 | 18.4 | | | 19.5 | | | 16.3 | | | 16.5 | | | 13.9 | | | 45 |
| 50 | 18.3 | 17.9 | | 19.5 | 19.5 | | 16.3 | 15.8 | | 16.5 | | | 13.9 | | | 50 |
| 55 | 18 | 17.5 | | 19.5 | 19.5 | | 16.2 | 15.8 | | 16.5 | 16.3 | | 13.9 | 13.6 | | 55 |
| 60 | 17.4 | 16.8 | 16.2 | 19.5 | 19.5 | 18.5 | 16.2 | 15.8 | 15.3 | 16.5 | 16.3 | | 13.8 | 13.5 | | 60 |
| 65 | 16.7 | 16.2 | 15.6 | 19.5 | 19.4 | 18.3 | 15.8 | 15.5 | 15.1 | 16.3 | 16.2 | 15.5 | 13.8 | 13.5 | 13.1 | 65 |
| 70 | 16 | 15.5 | 15.1 | 19.3 | 18.9 | 18 | 15.3 | 15.1 | 14.7 | 15.9 | 15.8 | 15.4 | 13.6 | 13.4 | 13.1 | 70 |
| 75 | 15.3 | 14.9 | 14.5 | 18.6 | 18.2 | 17.7 | 14.8 | 14.5 | 14.2 | 15.6 | 15.3 | 15 | 13.4 | 13.3 | 13.1 | 75 |
| 80 | 14.6 | 14.3 | 14 | 17.8 | 17.4 | 17.2 | 14.3 | 13.9 | 13.7 | 15.1 | 14.8 | 14.6 | 13.1 | 13 | 13 | 80 |
| 85 | 13.9 | 13.6 | 13.5 | 16.9 | 16.6 | 16.5 | 13.7 | 13.4 | 13.2 | 14.5 | 14.2 | 14.1 | 12.8 | 12.6 | 12.6 | 85 |
| 90 | 13.3 | 13 | 13 | 16.1 | 15.8 | 15.8 | 13.1 | 12.9 | 12.8 | 13.9 | 13.7 | 13.6 | 12.4 | 12.2 | 12.2 | 90 |
| 95 | 12.6 | 12.5 | 12.5 | 15.4 | 15.1 | 15.2 | 12.5 | 12.4 | 12.3 | 13.3 | 13.2 | 13.1 | 11.9 | 11.8 | 11.8 | 95 |
| 100 | 12 | 11.9 | 12 | 14.7 | 14.5 | 14.5 | 12 | 11.9 | 11.8 | 12.8 | 12.7 | 12.7 | 11.5 | 11.4 | 11.4 | 100 |
| 105 | 11.4 | 11.4 | 11.4 | 14 | 13.8 | 13.8 | 11.4 | 11.4 | 11.4 | 12.2 | 12.1 | 12.2 | 11.1 | 11 | 11 | 105 |
| 110 | 10.8 | 10.8 | 10.9 | 13.3 | 13.2 | 13.2 | 10.9 | 10.9 | 11 | 11.7 | 11.6 | 11.7 | 10.6 | 10.6 | 10.6 | 110 |
| 115 | 10.2 | 10.3 | 10.4 | 12.7 | 12.6 | 12.7 | 10.4 | 10.5 | 10.5 | 11.1 | 11.1 | 11.2 | 10.2 | 10.2 | 10.3 | 115 |
| 120 | 9.7 | 9.8 | 10 | 12 | 12 | 12.1 | 10 | 10.1 | 10.1 | 10.7 | 10.7 | 10.8 | 9.7 | 9.8 | 10 | 120 |
| 125 | 9.2 | 9.4 | 9.5 | 11.4 | 11.5 | 11.6 | 9.6 | 9.6 | 9.7 | 10.3 | 10.2 | 10.3 | 9.3 | 9.5 | 9.6 | 125 |
| 130 | 8.8 | 8.9 | 9.1 | 10.8 | 10.9 | 11.1 | 9.1 | 9.2 | 9.4 | 9.9 | 9.8 | 9.9 | 8.9 | 9.1 | 9.3 | 130 |
| 135 | 8.3 | 8.5 | 8.7 | 10.2 | 10.4 | 10.6 | 8.7 | 8.9 | 9 | 9.5 | 9.5 | 9.6 | 8.5 | 8.7 | 8.9 | 135 |
| 140 | 7.9 | 8.1 | 8.3 | 9.4 | 9.9 | 10.1 | 8.4 | 8.5 | 8.6 | 9.1 | 9.1 | 9.2 | 8.1 | 8.3 | 8.5 | 140 |
| 145 | 7.6 | 7.7 | 7.9 | 8.7 | 9.2 | 9.5 | 8 | 8.1 | 8.3 | 8.6 | 8.8 | 8.9 | 7.7 | 7.9 | 8.1 | 145 |
| 150 | 7.2 | 7.4 | 7.5 | 8.3 | 8.5 | 8.8 | 7.7 | 7.8 | 7.9 | 8.1 | 8.4 | 8.6 | 7.3 | 7.5 | 7.7 | 150 |
| 155 | 6.9 | 7 | 7.1 | 8 | 8 | 8.1 | 7.4 | 7.5 | 7.6 | 7.5 | 7.9 | 8.1 | 6.9 | 7.2 | 7.4 | 155 |
| 160 | 6.6 | 6.7 | 6.8 | 7.7 | 7.7 | 7.8 | 7.1 | 7.2 | 7.3 | 6.9 | 7.4 | 7.6 | 6.6 | 6.8 | 7 | 160 |
| 165 | 6.3 | 6.4 | 6.4 | 7.2 | 7.4 | 7.5 | 6.8 | 6.9 | 7 | 6.3 | 6.7 | 7 | 6 | 6.4 | 6.6 | 165 |
| 170 | 6 | 6.1 | | 6.7 | 6.9 | | 6.4 | 6.6 | 6.7 | 5.6 | 6.1 | 6.3 | 5.4 | 5.9 | 6.1 | 170 |
| 175 | 5.7 | 5.8 | | 6 | 6.4 | | 6 | 6.2 | 6.4 | 5 | 5.4 | 5.6 | 4.9 | 5.3 | 5.6 | 175 |
| 180 | 5.4 | 5.5 | | 5.5 | 5.8 | | 5.5 | 5.8 | | 4.5 | 4.8 | 5 | 4.3 | 4.8 | 4.9 | 180 |
| 185 | 5.2 | 5.3 | | 5 | 5.2 | | 4.9 | 5.2 | | 3.9 | 4.3 | | 3.8 | 4.2 | 4.4 | 185 |
| 190 | 4.9 | | | 4.5 | 4.6 | | 4.5 | 4.7 | | 3.5 | 3.7 | | 3.3 | 3.7 | 3.8 | 190 |
| 195 | | | | 3.8 | | | 4 | 4.2 | | 3 | 3.2 | | 2.8 | 3.2 | | 195 |
| 200 | | | | | | | 3.6 | 3.7 | | 2.6 | 2.7 | | 2.4 | 2.7 | | 200 |
| 205 | | | | | | | 3.1 | | | 2.2 | 2.3 | | 2 | 2.2 | | 205 |
| 210 | | | | | | | | | | 1.8 | | | | 1.8 | | 210 |

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Lifting capacities Forces de levage

TNZK



| Height (ft) | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | Height (ft) |
|-------------|-------|------|-----|-------|------|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-------------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 17 | 16.6 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 16.5 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 16.3 | | | | | | | | | | | | | | | | | | 19 |
| 20 | 16.2 | | | | | | | | | | | | | | | | | | 20 |
| 22 | 15.9 | | | 14 | | | | | | | | | | | | | | | 22 |
| 24 | 15.5 | | | 13.9 | | | 13.4 | | | | | | | | | | | | 24 |
| 26 | 15.2 | | | 13.8 | | | 13.3 | | | | | | | | | | | | 26 |
| 28 | 14.8 | | | 13.7 | | | 13.2 | | | 12.5 | | | | | | | | | 28 |
| 30 | 14.4 | 11.4 | | 13.6 | | | 13.1 | | | 12.4 | | | 11.9 | | | | | | 30 |
| 32 | 14 | 11.4 | | 13.4 | | | 13 | | | 12.3 | | | 11.8 | | | | | | 32 |
| 34 | 13.6 | 11.3 | | 13.2 | | | 12.9 | | | 12.2 | | | 11.8 | | | 11.7 | | | 34 |
| 36 | 13.2 | 11.1 | | 13 | | | 12.7 | | | 12.1 | | | 11.7 | | | 11.7 | | | 36 |
| 38 | 12.9 | 10.8 | | 12.8 | | | 12.6 | | | 12 | | | 11.6 | | | 11.6 | | | 38 |
| 40 | 12.5 | 10.6 | | 12.7 | | | 12.4 | | | 11.9 | | | 11.5 | | | 11.5 | | | 40 |
| 45 | 11.7 | 10 | | 12.3 | 10.2 | | 12.1 | | | 11.6 | | | 11.3 | | | 11.3 | | | 45 |
| 50 | 11 | 9.7 | 8.7 | 11.9 | 9.9 | | 11.7 | 9.9 | | 11.3 | 9.8 | | 11 | | | 11.1 | | | 50 |
| 55 | 10.3 | 9.3 | 8.5 | 11.5 | 9.7 | | 11.4 | 9.7 | | 11 | 9.6 | | 10.8 | 9.5 | | 10.9 | | | 55 |
| 60 | 9.8 | 9 | 8.3 | 11.1 | 9.4 | 8.3 | 11.1 | 9.4 | | 10.8 | 9.4 | | 10.6 | 9.3 | | 10.7 | 9.4 | | 60 |
| 65 | 9.3 | 8.7 | 8.1 | 10.7 | 9.2 | 8.2 | 10.8 | 9.2 | 8.2 | 10.5 | 9.2 | | 10.3 | 9.1 | | 10.4 | 9.2 | | 65 |
| 70 | 8.8 | 8.5 | 8 | 10.3 | 9 | 8.1 | 10.4 | 9 | 8.1 | 10.2 | 9 | 8.1 | 10.1 | 9 | 8.1 | 10.2 | 9.1 | | 70 |
| 75 | 8.2 | 8.3 | 7.9 | 10 | 8.8 | 8 | 10.2 | 8.9 | 8 | 10 | 8.8 | 8 | 9.9 | 8.8 | 8 | 10 | 8.9 | 8 | 75 |
| 80 | 7.6 | 8.1 | 7.9 | 9.7 | 8.6 | 7.9 | 9.9 | 8.7 | 8 | 9.8 | 8.7 | 7.9 | 9.7 | 8.7 | 7.9 | 9.8 | 8.8 | 7.9 | 80 |
| 85 | 7.1 | 8 | 7.9 | 9.5 | 8.5 | 7.9 | 9.6 | 8.5 | 7.9 | 9.6 | 8.5 | 7.9 | 9.5 | 8.5 | 7.8 | 9.6 | 8.6 | 7.9 | 85 |
| 90 | 6.7 | 7.9 | 7.9 | 9.2 | 8.4 | 7.8 | 9.4 | 8.4 | 7.8 | 9.4 | 8.4 | 7.8 | 9.3 | 8.4 | 7.8 | 9.4 | 8.5 | 7.8 | 90 |
| 95 | 6.3 | 7.9 | | 8.9 | 8.2 | 7.8 | 9.2 | 8.3 | 7.8 | 9.2 | 8.3 | 7.8 | 9.2 | 8.3 | 7.7 | 9.3 | 8.4 | 7.8 | 95 |
| 100 | | | | 8.7 | 8.1 | 7.7 | 8.9 | 8.2 | 7.7 | 9 | 8.2 | 7.7 | 9 | 8.2 | 7.7 | 9.1 | 8.3 | 7.7 | 100 |
| 105 | | | | 8.4 | 8 | 7.7 | 8.7 | 8.1 | 7.7 | 8.8 | 8.1 | 7.7 | 8.8 | 8.1 | 7.7 | 9 | 8.2 | 7.7 | 105 |
| 110 | | | | 8.1 | 8 | 7.7 | 8.4 | 8 | 7.7 | 8.7 | 8 | 7.7 | 8.7 | 8 | 7.6 | 8.8 | 8.1 | 7.6 | 110 |
| 115 | | | | 7.8 | 7.9 | 7.7 | 8.2 | 7.9 | 7.7 | 8.5 | 8 | 7.7 | 8.5 | 8 | 7.6 | 8.7 | 8 | 7.6 | 115 |
| 120 | | | | 7.4 | 7.8 | 7.7 | 7.9 | 7.9 | 7.7 | 8.2 | 7.9 | 7.7 | 8.4 | 7.9 | 7.6 | 8.6 | 7.9 | 7.6 | 120 |
| 125 | | | | 7.2 | 7.7 | 7.7 | 7.6 | 7.8 | 7.7 | 7.9 | 7.8 | 7.7 | 8.2 | 7.9 | 7.6 | 8.5 | 7.9 | 7.6 | 125 |
| 130 | | | | 6.9 | 7.6 | 7.7 | 7.4 | 7.8 | 7.7 | 7.7 | 7.7 | 7.7 | 8 | 7.8 | 7.6 | 8.4 | 7.8 | 7.6 | 130 |
| 135 | | | | 6.7 | 7.4 | 7.5 | 7.1 | 7.7 | 7.7 | 7.5 | 7.6 | 7.7 | 7.8 | 7.7 | 7.6 | 8.2 | 7.8 | 7.6 | 135 |
| 140 | | | | 6.5 | 7.1 | | 6.9 | 7.6 | 7.7 | 7.3 | 7.5 | 7.7 | 7.6 | 7.7 | 7.6 | 8 | 7.7 | 7.6 | 140 |
| 145 | | | | 6.3 | 6.8 | | 6.7 | 7.4 | 7.6 | 7.1 | 7.2 | 7.4 | 7.4 | 7.5 | 7.6 | 7.8 | 7.7 | 7.6 | 145 |
| 150 | | | | 6.2 | 6.7 | | 6.5 | 7.2 | | 6.8 | 7 | 7.2 | 7.2 | 7.3 | 7.5 | 7.6 | 7.6 | 7.6 | 150 |
| 155 | | | | | | | 6.4 | 7 | | 6.6 | 6.7 | 6.9 | 7 | 7.1 | 7.3 | 7.4 | 7.5 | 7.6 | 155 |
| 160 | | | | | | | 6.3 | 6.8 | | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.1 | 7.2 | 7.4 | 7.6 | 160 |
| 165 | | | | | | | 6.2 | | | 6.2 | 6.3 | | 6.6 | 6.7 | 6.8 | 7 | 7.3 | 7.5 | 165 |
| 170 | | | | | | | | | | 5.9 | 6 | | 6.4 | 6.5 | 6.6 | 6.9 | 7.1 | 7.3 | 170 |
| 175 | | | | | | | | | | 5.7 | 5.8 | | 6.2 | 6.3 | | 6.4 | 6.9 | 7 | 175 |
| 180 | | | | | | | | | | 5.6 | | | 6 | 6.1 | | 6 | 6.6 | 6.7 | 180 |
| 185 | | | | | | | | | | | | | 5.8 | 6 | | 5.4 | 6 | | 185 |
| 190 | | | | | | | | | | | | | 5.7 | 5.8 | | 5.1 | 5.4 | | 190 |
| 195 | | | | | | | | | | | | | 4.9 | | | 4.9 | 5 | | 195 |
| 200 | | | | | | | | | | | | | | | | 4.7 | 4.8 | | 200 |
| 205 | | | | | | | | | | | | | | | | 4.6 | 4.7 | | 205 |
| 210 | | | | | | | | | | | | | | | | 2.7 | | | 210 |

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Lifting capacities Forces de levage

TNZK



| ↙ ↘ | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | ↙ ↘ |
|--------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|
| | 0° | 20° | 40° | 0° | 20° | 40° | 62 ft | | | 0° | 20° | 40° | 0° | 20° | 40° | |
| 36 | 10.1 | | | 10.8 | | | | | | | | | | | | 36 |
| 38 | 10.1 | | | 10.8 | | | | | | | | | | | | 38 |
| 40 | 10.1 | | | 10.7 | | | 9.4 | | | | | | | | | 40 |
| 45 | 9.9 | | | 10.6 | | | 9.4 | | | 9.4 | | | 8.5 | | | 45 |
| 50 | 9.8 | | | 10.5 | | | 9.3 | | | 9.3 | | | 8.5 | | | 50 |
| 55 | 9.7 | | | 10.3 | | | 9.2 | | | 9.2 | | | 8.4 | | | 55 |
| 60 | 9.6 | | | 10.1 | 9.2 | | 9.1 | | | 9.2 | | | 8.3 | | | 60 |
| 65 | 9.4 | 8.7 | | 9.9 | 9 | | 9 | 8.5 | | 9.1 | 8.5 | | 8.3 | | | 65 |
| 70 | 9.3 | 8.6 | | 9.7 | 8.9 | | 8.9 | 8.4 | | 8.9 | 8.4 | | 8.2 | | | 70 |
| 75 | 9.2 | 8.5 | | 9.6 | 8.8 | | 8.8 | 8.3 | | 8.8 | 8.3 | | 8.2 | 7.8 | | 75 |
| 80 | 9 | 8.4 | 7.8 | 9.4 | 8.6 | 7.8 | 8.7 | 8.2 | | 8.7 | 8.2 | | 8.1 | 7.8 | | 80 |
| 85 | 8.9 | 8.3 | 7.7 | 9.3 | 8.5 | 7.8 | 8.6 | 8.1 | 7.6 | 8.6 | 8.1 | 7.6 | 8 | 7.7 | | 85 |
| 90 | 8.8 | 8.2 | 7.7 | 9.1 | 8.4 | 7.7 | 8.5 | 8.1 | 7.6 | 8.5 | 8.1 | 7.6 | 8 | 7.7 | 7.4 | 90 |
| 95 | 8.7 | 8.1 | 7.7 | 9 | 8.3 | 7.7 | 8.4 | 8 | 7.6 | 8.5 | 8 | 7.6 | 7.9 | 7.6 | 7.4 | 95 |
| 100 | 8.6 | 8 | 7.6 | 8.9 | 8.2 | 7.7 | 8.3 | 7.9 | 7.5 | 8.4 | 7.9 | 7.5 | 7.8 | 7.6 | 7.4 | 100 |
| 105 | 8.5 | 8 | 7.6 | 8.8 | 8.1 | 7.6 | 8.2 | 7.8 | 7.5 | 8.3 | 7.9 | 7.5 | 7.8 | 7.5 | 7.4 | 105 |
| 110 | 8.4 | 7.9 | 7.6 | 8.7 | 8 | 7.6 | 8.1 | 7.8 | 7.5 | 8.2 | 7.8 | 7.5 | 7.7 | 7.5 | 7.4 | 110 |
| 115 | 8.3 | 7.8 | 7.6 | 8.5 | 7.9 | 7.6 | 8.1 | 7.7 | 7.5 | 8.1 | 7.7 | 7.5 | 7.7 | 7.5 | 7.4 | 115 |
| 120 | 8.2 | 7.8 | 7.6 | 8.4 | 7.9 | 7.6 | 8 | 7.7 | 7.5 | 8 | 7.7 | 7.5 | 7.6 | 7.4 | 7.4 | 120 |
| 125 | 8 | 7.7 | 7.6 | 8.3 | 7.8 | 7.6 | 7.9 | 7.6 | 7.5 | 8 | 7.7 | 7.5 | 7.5 | 7.4 | 7.4 | 125 |
| 130 | 7.7 | 7.6 | 7.6 | 8.2 | 7.8 | 7.6 | 7.8 | 7.6 | 7.5 | 7.9 | 7.6 | 7.5 | 7.4 | 7.4 | 7.4 | 130 |
| 135 | 7.5 | 7.5 | 7.6 | 8.1 | 7.7 | 7.6 | 7.6 | 7.5 | 7.5 | 7.8 | 7.6 | 7.5 | 7.3 | 7.3 | 7.4 | 135 |
| 140 | 7.2 | 7.4 | 7.5 | 8 | 7.7 | 7.6 | 7.4 | 7.3 | 7.5 | 7.6 | 7.5 | 7.5 | 7.2 | 7.3 | 7.4 | 140 |
| 145 | 7 | 7.2 | 7.4 | 7.9 | 7.6 | 7.6 | 7.2 | 7.2 | 7.4 | 7.4 | 7.4 | 7.5 | 7.1 | 7.2 | 7.3 | 145 |
| 150 | 6.7 | 7 | 7.2 | 7.7 | 7.6 | 7.6 | 6.9 | 7.1 | 7.2 | 7.3 | 7.3 | 7.5 | 6.8 | 7 | 7.2 | 150 |
| 155 | 6.4 | 6.7 | 7 | 7.4 | 7.6 | 7.6 | 6.7 | 6.9 | 7.1 | 7.1 | 7.2 | 7.5 | 6.5 | 6.8 | 7 | 155 |
| 160 | 6.1 | 6.4 | 6.7 | 7.1 | 7.6 | 7.6 | 6.4 | 6.6 | 6.9 | 6.9 | 7 | 7.3 | 6.2 | 6.6 | 6.8 | 160 |
| 165 | 5.9 | 6.1 | 6.3 | 6.6 | 7.3 | 7.5 | 6.2 | 6.4 | 6.6 | 6.5 | 6.8 | 7 | 6 | 6.3 | 6.6 | 165 |
| 170 | 5.6 | 5.8 | 6 | 6.3 | 6.8 | 7.3 | 5.9 | 6.1 | 6.4 | 6.1 | 6.6 | 6.8 | 5.6 | 6.1 | 6.3 | 170 |
| 175 | 5.3 | 5.6 | 5.7 | 6.1 | 6.3 | 6.7 | 5.7 | 5.9 | 6.1 | 5.7 | 6.2 | 6.6 | 5.2 | 5.8 | 6.1 | 175 |
| 180 | 5.1 | 5.3 | 5.4 | 5.9 | 6 | 6.2 | 5.5 | 5.7 | 5.9 | 5.2 | 5.8 | 6.2 | 4.8 | 5.5 | 5.8 | 180 |
| 185 | 4.9 | 5 | 5.2 | 5.6 | 5.8 | 6 | 5.3 | 5.4 | 5.6 | 4.7 | 5.4 | 5.8 | 4.4 | 5.1 | 5.5 | 185 |
| 190 | 4.6 | 4.8 | 4.9 | 5.2 | 5.6 | 5.8 | 5 | 5.2 | 5.4 | 4.2 | 4.9 | 5.3 | 3.9 | 4.6 | 5.1 | 190 |
| 195 | 4.4 | 4.6 | | 4.7 | 5.2 | 5.4 | 4.6 | 5 | 5.1 | 3.7 | 4.4 | 4.7 | 3.5 | 4.2 | 4.6 | 195 |
| 200 | 4.2 | 4.3 | | 4.3 | 4.7 | | 4.2 | 4.7 | 4.8 | 3.3 | 3.9 | 4.1 | 3 | 3.7 | 4.1 | 200 |
| 205 | 4 | 4.1 | | 3.8 | 4.2 | | 3.7 | 4.2 | | 2.8 | 3.4 | 3.6 | 2.6 | 3.3 | 3.6 | 205 |
| 210 | 3.9 | 3.9 | | 3.4 | 3.8 | | 3.3 | 3.8 | | 2.4 | 2.9 | | 2.2 | 2.8 | 3.1 | 210 |
| 215 | 3.7 | 3.7 | | 3.1 | 3.3 | | 3 | 3.3 | | 2.1 | 2.5 | | 1.8 | 2.4 | 2.5 | 215 |
| 220 | 2 | | | 2.7 | 2.8 | | 2.6 | 2.9 | | | 2.1 | | | 2 | | 220 |
| 225 | | | | | | | 2.3 | 2.5 | | | | | | | | 225 |
| 230 | | | | | | | 2 | | | | | | | | | 230 |

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Lifting capacities Forces de levage

TNZK



| ↙ ↘ | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | ↙ ↘ |
|-----|-------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|-----|
| | 35 ft | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 14 | 38.2 | | | | | | | | | | | | | | | | | | 14 |
| 15 | 37.6 | | | | | | | | | | | | | | | | | | 15 |
| 16 | 36.9 | 34.2 | | 38.7 | | | | | | | | | | | | | | | 16 |
| 17 | 36.2 | 34.2 | | 38.7 | | | | | | | | | | | | | | | 17 |
| 18 | 35.5 | 34 | | 38.7 | | | | | | | | | | | | | | | 18 |
| 19 | 34.8 | 33.5 | | 38.7 | | | 38.4 | | | | | | | | | | | | 19 |
| 20 | 34.2 | 32.7 | | 38.7 | | | 38.3 | | | | | | | | | | | | 20 |
| 22 | 33 | 31.3 | | 38.7 | | | 38 | | | 33.8 | | | | | | | | | 22 |
| 24 | 31.8 | 30.1 | | 38.7 | | | 37.7 | | | 33.6 | | | | | | | | | 24 |
| 26 | 30.5 | 28.9 | 23.5 | 38.6 | | | 37.2 | | | 33.5 | | | 28.9 | | | | | | 26 |
| 28 | 29.1 | 27.8 | 23 | 38.5 | 30 | | 36.7 | | | 33.2 | | | 28.8 | | | | | | 28 |
| 30 | 27.7 | 26.8 | 22.3 | 37.9 | 29.3 | | 36.2 | 29 | | 32.8 | | | 28.7 | | | 24.1 | | | 30 |
| 32 | 26.4 | 25.8 | 21.8 | 37.2 | 28.6 | | 35.6 | 28.5 | | 32.4 | | | 28.5 | | | 24.1 | | | 32 |
| 34 | 25.1 | 24.9 | 21.2 | 36.4 | 27.9 | | 34.9 | 27.9 | | 32 | 27 | | 28.2 | | | 24 | | | 34 |
| 36 | 23.7 | 24.1 | 20.7 | 35.6 | 27.3 | 21.9 | 34 | 27.3 | | 31.3 | 26.6 | | 28 | | | 23.9 | | | 36 |
| 38 | 22.4 | 23.3 | 20.1 | 34.5 | 26.7 | 21.5 | 32.3 | 26.8 | | 29.8 | 26.1 | | 26.8 | 24.8 | | 23.8 | | | 38 |
| 40 | 21.3 | 22.2 | 19.7 | 32.9 | 26.1 | 21.2 | 30.2 | 26.2 | 21.2 | 27.9 | 25.7 | | 26.2 | 24.4 | | 23.5 | | | 40 |
| 45 | 18.8 | 19.5 | 18.2 | 27.6 | 24.8 | 20.4 | 25.3 | 25 | 20.5 | 23.2 | 24.6 | 20.3 | 22.5 | 23.2 | | 21.3 | 21.8 | | 45 |
| 50 | 16.9 | 17.5 | 16.7 | 23.5 | 23.6 | 19.8 | 21.4 | 23.4 | 19.9 | 21.6 | 22 | 19.7 | 21.2 | 21.1 | 19.3 | 19.1 | 20.4 | | 50 |
| 55 | 15.2 | 16.4 | 15.9 | 20.1 | 21.9 | 19.2 | 18.2 | 20.3 | 19.3 | 19.7 | 18.8 | 19.2 | 18.4 | 18.6 | 18.6 | 17.1 | 17.7 | 18 | 55 |
| 60 | 13.9 | 15.5 | 15.4 | 17.3 | 19.1 | 18.6 | 15.5 | 17.4 | 18.6 | 17.1 | 17.8 | 17.7 | 15.9 | 17.5 | 17 | 14.7 | 16.5 | 16.7 | 60 |
| 65 | 12.7 | 14.9 | 6.3 | 15 | 16.5 | 17.7 | 13.3 | 15 | 16.4 | 14.8 | 16.4 | 15.7 | 13.8 | 15.4 | 15.6 | 12.7 | 14.3 | 15.3 | 65 |
| 70 | | | | 13 | 14.4 | 15.5 | 11.3 | 12.9 | 14.2 | 13 | 14.3 | 15.2 | 12 | 13.4 | 14.6 | 10.9 | 12.4 | 13.7 | 70 |
| 75 | | | | 11.3 | 12.5 | 13.5 | 9.7 | 11.1 | 12.2 | 11.3 | 12.6 | 13.6 | 10.4 | 11.7 | 12.8 | 9.4 | 10.8 | 12 | 75 |
| 80 | | | | 9.7 | 10.8 | 11.7 | 8.3 | 9.5 | 10.5 | 9.9 | 11.1 | 12 | 9 | 10.2 | 11.2 | 8 | 9.3 | 10.4 | 80 |
| 85 | | | | 8.3 | 9.3 | 10 | 7 | 8.1 | 9 | 8.7 | 9.7 | 10.5 | 7.8 | 8.9 | 9.8 | 6.9 | 8 | 9 | 85 |
| 90 | | | | 7.1 | 8 | 8.5 | 5.9 | 6.9 | 7.7 | 7.6 | 8.5 | 9.2 | 6.7 | 7.7 | 8.5 | 5.8 | 6.9 | 7.8 | 90 |
| 95 | | | | 6 | 6.8 | 7.3 | 4.9 | 5.8 | 6.5 | 6.6 | 7.4 | 8.1 | 5.8 | 6.7 | 7.4 | 4.8 | 5.9 | 6.7 | 95 |
| 100 | | | | 5.1 | 5.7 | 6.1 | 4 | 4.8 | 5.4 | 5.7 | 6.4 | 7 | 4.9 | 5.7 | 6.4 | 4 | 4.9 | 5.7 | 100 |
| 105 | | | | 4.2 | 4.8 | 5.1 | 3.2 | 3.9 | 4.4 | 4.9 | 5.5 | 6 | 4.1 | 4.9 | 5.5 | 3.2 | 4.1 | 4.8 | 105 |
| 110 | | | | 3.5 | 3.9 | 4.1 | 2.3 | 3.1 | 3.4 | 4.1 | 4.7 | 5.1 | 3.4 | 4.1 | 4.6 | 2.4 | 3.3 | 3.9 | 110 |
| 115 | | | | 2.8 | 3.2 | | | 2.1 | 2.5 | 3.4 | 4 | 4.3 | 2.7 | 3.4 | 3.9 | | 2.6 | 3.2 | 115 |
| 120 | | | | 2.2 | 2.4 | | | | | 2.7 | 3.3 | 3.6 | 1.9 | 2.7 | 3.2 | | | 2.4 | 120 |
| 125 | | | | | | | | | | 2.1 | 2.6 | 2.9 | | 2 | 2.5 | | | | 125 |
| 130 | | | | | | | | | | | 1.9 | 2.2 | | | | | | | 130 |

t_205_01819_00_000

| ↙ ↘ | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | ↙ ↘ | | | |
|-----|--------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|-----|------|------|------|--|-----|
| | 35 ft | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | | |
| 32 | 16.8 | | | 18.5 | | | | | | | | | | | | | | | 32 |
| 34 | 16.8 | | | 18.5 | | | | | | | | | | | | | | | 34 |
| 36 | 16.8 | | | 18.5 | | | 14.8 | | | | | 15 | | | | | | | 36 |
| 38 | 16.8 | | | 18.5 | | | 14.8 | | | | | 15 | | | | | | | 38 |
| 40 | 16.8 | | | 18.4 | | | 14.8 | | | | | 15 | | | 12.6 | | | | 40 |
| 45 | 16.8 | | | 18.4 | | | 14.8 | | | | | 15 | | | 12.6 | | | | 45 |
| 50 | 16.7 | 16.2 | | 17.1 | 18.4 | | 14.8 | 14.3 | | | | 15 | | | 12.6 | | | | 50 |
| 55 | 16.3 | 15.9 | | 15.7 | 16.8 | | 14.6 | 14.3 | | | | 14 | 14.8 | | 12.4 | 12.4 | | | 55 |
| 60 | 14.3 | 15.3 | 14.8 | 13.4 | 15.3 | 15.6 | 13 | 14.2 | 13.9 | 11.8 | 13.7 | | | | 11.1 | 12.2 | | | 60 |
| 65 | 12.3 | 13.9 | 14.2 | 11.4 | 13.1 | 14.7 | 11.1 | 12.9 | 13.7 | 9.8 | 11.7 | 13.4 | | | 9.4 | 11.1 | 11.8 | | 65 |
| 70 | 10.6 | 12.1 | 13.4 | 9.7 | 11.3 | 12.7 | 9.5 | 11 | 12.4 | 8.2 | 9.9 | 11.4 | | | 7.8 | 9.5 | 10.9 | | 70 |
| 75 | 9.1 | 10.5 | 11.7 | 8.2 | 9.7 | 10.9 | 8 | 9.5 | 10.7 | 6.8 | 8.4 | 9.7 | | | 6.4 | 8 | 9.3 | | 75 |
| 80 | 7.8 | 9.1 | 10.1 | 6.9 | 8.3 | 9.4 | 6.7 | 8.1 | 9.2 | 5.6 | 7 | 8.2 | | | 5.2 | 6.7 | 7.9 | | 80 |
| 85 | 6.6 | 7.8 | 8.8 | 5.8 | 7 | 8.1 | 5.6 | 6.9 | 7.9 | 4.4 | 5.8 | 6.9 | | | 4.1 | 5.5 | 6.6 | | 85 |
| 90 | 5.6 | 6.7 | 7.6 | 4.7 | 5.9 | 6.9 | 4.6 | 5.7 | 6.7 | 3.4 | 4.7 | 5.8 | | | 3 | 4.4 | 5.4 | | 90 |
| 95 | 4.6 | 5.7 | 6.5 | 3.8 | 4.9 | 5.8 | 3.6 | 4.8 | 5.7 | 2.2 | 3.7 | 4.7 | | | 1.8 | 3.4 | 4.4 | | 95 |
| 100 | 3.8 | 4.7 | 5.5 | 2.9 | 4 | 4.8 | 2.7 | 3.9 | 4.7 | | | | 2.7 | 3.7 | | 2.4 | 3.5 | | 100 |
| 105 | 3 | 3.9 | 4.6 | 2 | 3.2 | 3.9 | 1.8 | 3 | 3.8 | | | | | | | | 2.5 | | 105 |
| 110 | 2.1 | 3.1 | 3.8 | | 2.2 | 3.1 | | 2.1 | 3 | | | | | | | | | | 110 |
| 115 | | 2.4 | 3 | | | 2.2 | | | 2.1 | | | | | | | | | | 115 |
| 120 | | | 2.2 | | | | | | | | | | | | | | | | 120 |

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Lifting capacities Forces de levage

TNZK



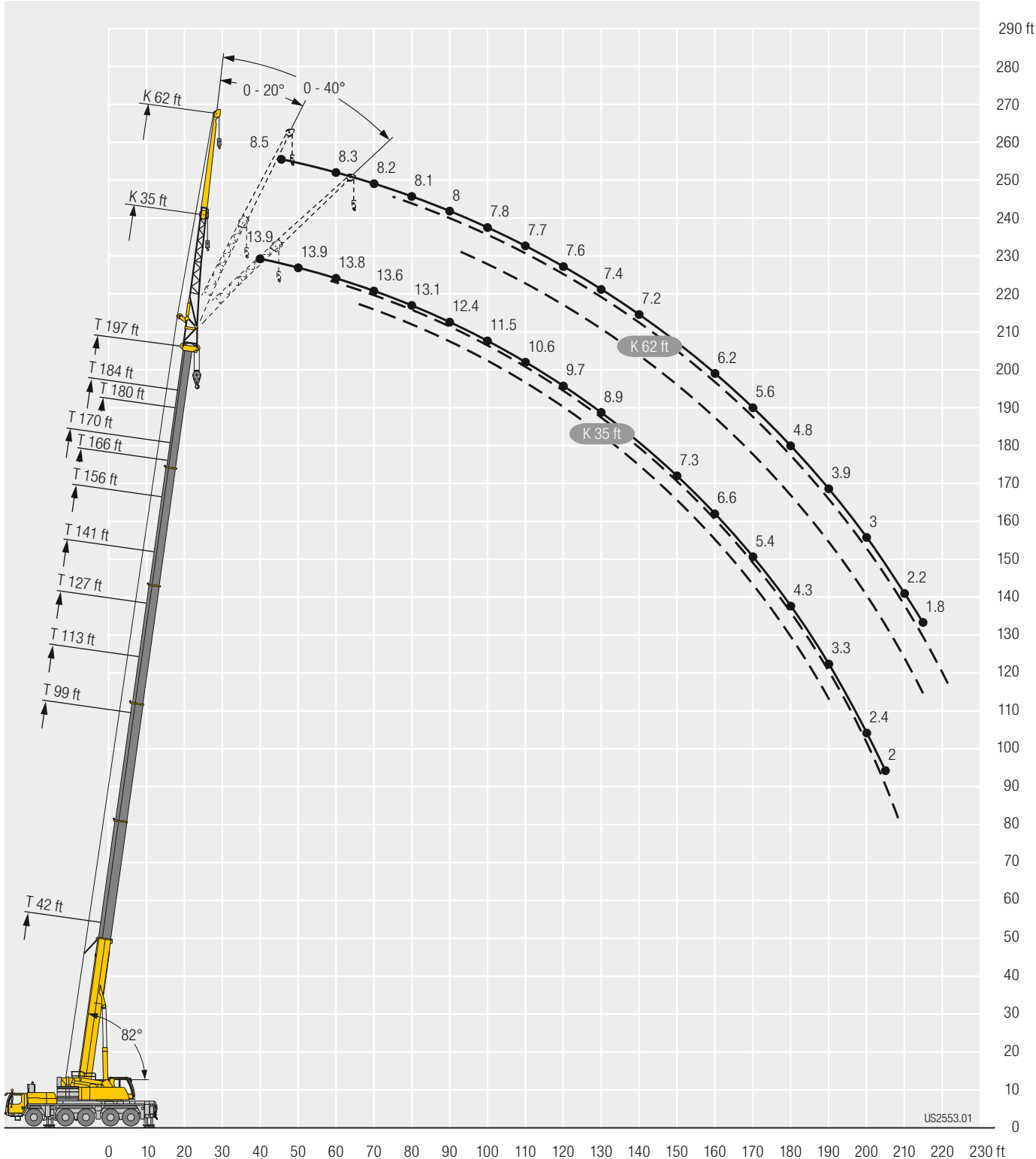
| | 42 ft | | | 99 ft | | | 113 ft | | | 127 ft | | | 141 ft | | | 156 ft | | | |
|-----|-------|------|-----|-------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 17 | 15.1 | | | | | | | | | | | | | | | | | | 17 |
| 18 | 15 | | | | | | | | | | | | | | | | | | 18 |
| 19 | 14.8 | | | | | | | | | | | | | | | | | | 19 |
| 20 | 14.7 | | | | | | | | | | | | | | | | | | 20 |
| 22 | 14.4 | | | 12.7 | | | | | | | | | | | | | | | 22 |
| 24 | 14.1 | | | 12.7 | | | 12.2 | | | | | | | | | | | | 24 |
| 26 | 13.8 | | | 12.6 | | | 12.1 | | | | | | | | | | | | 26 |
| 28 | 13.5 | | | 12.5 | | | 12 | | | 11.4 | | | | | | | | | 28 |
| 30 | 13.1 | 10.4 | | 12.3 | | | 12 | | | 11.3 | | | 10.8 | | | | | | 30 |
| 32 | 12.7 | 10.4 | | 12.2 | | | 11.8 | | | 11.2 | | | 10.8 | | | | | | 32 |
| 34 | 12.4 | 10.3 | | 12 | | | 11.7 | | | 11.1 | | | 10.7 | | | 10.7 | | | 34 |
| 36 | 12 | 10.1 | | 11.8 | | | 11.6 | | | 11 | | | 10.6 | | | 10.6 | | | 36 |
| 38 | 11.7 | 9.8 | | 11.7 | | | 11.4 | | | 10.9 | | | 10.5 | | | 10.5 | | | 38 |
| 40 | 11.4 | 9.6 | | 11.5 | | | 11.3 | | | 10.8 | | | 10.5 | | | 10.5 | | | 40 |
| 45 | 10.6 | 9.1 | | 11.2 | 9.3 | | 11 | | | 10.6 | | | 10.3 | | | 10.3 | | | 45 |
| 50 | 10 | 8.8 | 7.9 | 10.8 | 9 | | 10.7 | 9 | | 10.3 | 8.9 | | 10 | | | 10.1 | | | 50 |
| 55 | 9.4 | 8.5 | 7.7 | 10.4 | 8.8 | | 10.4 | 8.8 | | 10 | 8.7 | | 9.8 | 8.7 | | 9.9 | | | 55 |
| 60 | 8.9 | 8.2 | 7.5 | 10.1 | 8.6 | 7.6 | 10.1 | 8.6 | | 9.8 | 8.5 | | 9.6 | 8.5 | | 9.7 | 8.5 | | 60 |
| 65 | 8.5 | 7.9 | 7.4 | 9.7 | 8.4 | 7.5 | 9.8 | 8.4 | 7.5 | 9.6 | 8.3 | | 9.4 | 8.3 | | 9.5 | 8.4 | | 65 |
| 70 | 8 | 7.7 | 7.2 | 9.4 | 8.2 | 7.4 | 9.5 | 8.2 | 7.4 | 9.3 | 8.2 | 7.3 | 9.2 | 8.1 | 7.3 | 9.1 | 8.2 | | 70 |
| 75 | 7.4 | 7.5 | 7.2 | 9.1 | 8 | 7.3 | 9.2 | 8.1 | 7.3 | 9.1 | 8 | 7.3 | 9 | 8 | 7.3 | 8.7 | 8.1 | 7.3 | 75 |
| 80 | 6.9 | 7.4 | 7.1 | 8.8 | 7.9 | 7.2 | 9 | 7.9 | 7.2 | 8.9 | 7.9 | 7.2 | 8.8 | 7.9 | 7.2 | 8.2 | 8 | 7.2 | 80 |
| 85 | 6.5 | 7.2 | 7.1 | 8.6 | 7.7 | 7.1 | 8.7 | 7.8 | 7.2 | 8.7 | 7.8 | 7.2 | 8.4 | 7.8 | 7.1 | 7.3 | 7.9 | 7.2 | 85 |
| 90 | 6.1 | 7.2 | 7.1 | 8.4 | 7.6 | 7.1 | 8.5 | 7.7 | 7.1 | 8.3 | 7.6 | 7.1 | 7.5 | 7.7 | 7.1 | 6.3 | 7.6 | 7.1 | 90 |
| 95 | 5.7 | 7.2 | | 8.1 | 7.5 | 7.1 | 8.2 | 7.5 | 7.1 | 7.4 | 7.5 | 7 | 6.5 | 7.5 | 7 | 5.4 | 7.1 | 7 | 95 |
| 100 | | | | 7.7 | 7.4 | 7 | 7.5 | 7.4 | 7 | 6.5 | 7.4 | 7 | 5.7 | 7.2 | 7 | 4.6 | 6.3 | 7 | 100 |
| 105 | | | | 6.9 | 7.3 | 7 | 6.6 | 7.3 | 7 | 5.7 | 7 | 7 | 4.9 | 6.3 | 7 | 3.8 | 5.4 | 6.7 | 105 |
| 110 | | | | 6.1 | 7.1 | 7 | 5.8 | 6.9 | 7 | 5 | 6.2 | 6.9 | 4.2 | 5.5 | 6.6 | 3.1 | 4.6 | 5.9 | 110 |
| 115 | | | | 5.4 | 6.3 | 6.9 | 5.1 | 6.1 | 6.8 | 4.3 | 5.5 | 6.4 | 3.5 | 4.8 | 5.9 | 2.4 | 3.9 | 5.1 | 115 |
| 120 | | | | 4.7 | 5.5 | 6.1 | 4.4 | 5.3 | 6 | 3.7 | 4.8 | 5.6 | 2.9 | 4.1 | 5.1 | | 3.2 | 4.3 | 120 |
| 125 | | | | 4.1 | 4.8 | 5.3 | 3.8 | 4.7 | 5.3 | 3.2 | 4.2 | 4.9 | 2.4 | 3.5 | 4.4 | | 2.6 | 3.6 | 125 |
| 130 | | | | 3.6 | 4.2 | 4.5 | 3.3 | 4 | 4.5 | 2.6 | 3.5 | 4.2 | | 2.9 | 3.7 | | 1.8 | 2.9 | 130 |
| 135 | | | | 3.1 | 3.6 | 3.8 | 2.8 | 3.5 | 3.9 | 2 | 3 | 3.5 | | 2.3 | 3.1 | | | 2.3 | 135 |
| 140 | | | | 2.7 | 3.1 | | 2.3 | 2.9 | 3.3 | | 2.4 | 2.9 | | | 2.5 | | | | 140 |
| 145 | | | | 2.3 | 2.5 | | 1.9 | 2.4 | 2.7 | | 1.8 | 2.4 | | | 1.9 | | | | 145 |
| 150 | | | | 1.9 | 2 | | | 1.9 | | | | | | | | | | | 150 |

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| | 166 ft | | | 170 ft | | | 180 ft | | | 184 ft | | | 197 ft | | | | | | |
|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--|--|--|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | | | |
| 36 | 9.2 | | | 9.9 | | | | | | | | | | | | | | | 36 |
| 38 | 9.2 | | | 9.8 | | | | | | | | | | | | | | | 38 |
| 40 | 9.1 | | | 9.8 | | | 8.6 | | | | | | | | | | | | 40 |
| 45 | 9 | | | 9.6 | | | 8.5 | | | 8.6 | | | 7.7 | | | | | | 45 |
| 50 | 8.9 | | | 9.5 | | | 8.4 | | | 8.5 | | | 7.7 | | | | | | 50 |
| 55 | 8.8 | | | 9.4 | | | 8.3 | | | 8.4 | | | 7.6 | | | | | | 55 |
| 60 | 8.7 | | | 9.2 | 8.3 | | 8.3 | | | 8.3 | | | 7.6 | | | | | | 60 |
| 65 | 8.6 | 7.9 | | 9 | 8.2 | | 8.2 | 7.7 | | 8.2 | 7.7 | | 7.5 | | | | | | 65 |
| 70 | 8.4 | 7.8 | | 8.6 | 8.1 | | 8.1 | 7.6 | | 8.1 | 7.6 | | 7.4 | | | | | | 70 |
| 75 | 8.3 | 7.8 | | 8.2 | 8 | | 7.9 | 7.5 | | 7.2 | 7.6 | | 6.6 | 7.1 | | | | | 75 |
| 80 | 8 | 7.7 | 7.1 | 7.3 | 7.9 | 7.1 | 7.1 | 7.5 | | 6 | 7.5 | | 5.5 | 7 | | | | | 80 |
| 85 | 7 | 7.6 | 7 | 6.3 | 7.6 | 7.1 | 6 | 7.4 | 6.9 | 4.9 | 7.2 | 7 | 4.5 | 6.7 | | | | | 85 |
| 90 | 6 | 7.4 | 7 | 5.2 | 7.3 | 7 | 5 | 7 | 6.9 | 4 | 6.2 | 6.9 | 3.6 | 5.8 | 6.8 | | | | 90 |
| 95 | 5.1 | 6.8 | 6.9 | 4.3 | 6.3 | 7 | 4.1 | 6.1 | 6.9 | 3 | 5.2 | 6.8 | 2.5 | 4.8 | 6.5 | | | | 95 |
| 100 | 4.3 | 6 | 6.9 | 3.5 | 5.4 | 6.9 | 3.3 | 5.2 | 6.7 | 2 | 4.3 | 6 | | 4 | 5.6 | | | | 100 |
| 105 | 3.5 | 5.2 | 6.5 | 2.7 | 4.5 | 6 | 2.4 | 4.4 | 5.8 | | 3.5 | 5.1 | | 3.2 | 4.7 | | | | 105 |
| 110 | 2.8 | 4.4 | 5.7 | 1.8 | 3.8 | 5.1 | | 3.6 | 5 | | 2.6 | 4.2 | | 2.3 | 3.9 | | | | 110 |
| 115 | 2 | 3.7 | 4.9 | | 3.1 | 4.3 | | 2.9 | 4.2 | | | 3.4 | | | 3.1 | | | | 115 |
| 120 | | 3 | 4.1 | | 2.3 | 3.6 | | 2.1 | 3.4 | | | 2.6 | | | 2.4 | | | | 120 |
| 125 | | 2.3 | 3.4 | | | 2.9 | | | 2.8 | | | 1.8 | | | | | | | 125 |
| 130 | | | 2.8 | | | 2.2 | | | 2 | | | | | | | | | | 130 |
| 135 | | | 2.1 | | | | | | | | | | | | | | | | 135 |

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Lifting heights Hauteurs de levage



US2553.01

Lifting capacities Forces de levage

TVNZK



| Jib ↙ ↘ | 42 ft + 23 ft | | | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 197 ft + 23 ft | | | Jib ↙ ↘ | |
|------------|---------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|-----|-----|------------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 35 ft | | | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | |
| 14 | 14.6 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 14.6 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 14.6 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 14.5 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 14.5 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 14.5 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 14.5 | 14.5 | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 14.4 | 14.4 | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 14.2 | 14.3 | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 13.8 | 14 | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 13.4 | 13.5 | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 13 | 13.1 | 12.6 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 12.6 | 12.6 | 12.6 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 12.2 | 12.2 | 12.4 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 11.8 | 11.8 | 12 | 14.6 | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 11.4 | 11.4 | 11.6 | 14.6 | | | 12.6 | | | 12.9 | | | | | | | | | | | | 38 | |
| 40 | 11 | 11 | 11.2 | 14.6 | | | 12.6 | | | 12.9 | | | 11 | | | | | | | | | 40 | |
| 45 | 10.1 | 10.2 | 10.4 | 14.5 | | | 12.6 | | | 12.9 | | | 11 | | | 11.2 | | | | 9.5 | | 45 | |
| 50 | 9.3 | 9.6 | 9.7 | 14.5 | 14.1 | | 12.6 | | | 12.9 | | | 11 | | | 11.2 | | | | 9.5 | | 50 | |
| 55 | 8.4 | 9 | 9.1 | 14.3 | 13.6 | | 12.5 | 12.3 | | 12.8 | 12.8 | | 11 | 11 | | 11.2 | | | | 9.4 | | 55 | |
| 60 | 7.6 | 8.4 | 8.6 | 14.1 | 13.1 | 12.3 | 12.4 | 12 | | 12.7 | 12.5 | | 11 | 11 | | 11.2 | 11.2 | | | 9.4 | 9.5 | 60 | |
| 65 | 6.9 | 7.5 | 8 | 13.6 | 12.6 | 11.9 | 12.2 | 11.5 | 11 | 12.7 | 12.1 | 11.5 | 11 | 10.9 | 10.6 | 11.2 | 11.2 | | | 9.4 | 9.5 | 65 | |
| 70 | 6.3 | 6.8 | 7.2 | 13.1 | 12.1 | 11.4 | 11.9 | 11.1 | 10.6 | 12.4 | 11.7 | 11.2 | 10.9 | 10.7 | 10.3 | 11.1 | 11 | 10.7 | | 9.4 | 9.5 | 9.3 | 70 |
| 75 | 5.7 | 6.1 | 6.4 | 12.7 | 11.6 | 11.1 | 11.5 | 10.8 | 10.3 | 12.1 | 11.3 | 10.8 | 10.8 | 10.4 | 10 | 11 | 10.7 | 10.3 | | 9.4 | 9.5 | 9.3 | 75 |
| 80 | 5.2 | 5.5 | 5.7 | 12.2 | 11.2 | 10.7 | 11.2 | 10.4 | 10 | 11.8 | 11 | 10.4 | 10.6 | 10.1 | 9.8 | 10.8 | 10.5 | 10.1 | | 9.3 | 9.4 | 9.2 | 80 |
| 85 | 4.7 | 5 | 5 | 11.8 | 10.8 | 10.3 | 10.8 | 10.1 | 9.7 | 11.4 | 10.6 | 10.2 | 10.3 | 9.8 | 9.5 | 10.7 | 10.2 | 9.9 | | 9.3 | 9.2 | 9.1 | 85 |
| 90 | 4.3 | 4.4 | | 11.3 | 10.4 | 10 | 10.4 | 9.8 | 9.5 | 11.1 | 10.3 | 9.9 | 10 | 9.6 | 9.3 | 10.5 | 9.9 | 9.6 | | 9.2 | 9.1 | 8.9 | 90 |
| 95 | | | | 10.8 | 10.1 | 9.7 | 10 | 9.5 | 9.2 | 10.7 | 10 | 9.6 | 9.7 | 9.4 | 9.1 | 10.2 | 9.7 | 9.4 | | 9.1 | 8.9 | 8.7 | 95 |
| 100 | | | | 10.4 | 9.8 | 9.5 | 9.6 | 9.3 | 9 | 10.3 | 9.7 | 9.4 | 9.4 | 9.1 | 8.9 | 9.9 | 9.5 | 9.2 | | 9 | 8.7 | 8.6 | 100 |
| 105 | | | | 10 | 9.5 | 9.3 | 9.3 | 9 | 8.8 | 10 | 9.5 | 9.2 | 9.1 | 8.9 | 8.7 | 9.7 | 9.2 | 9 | | 8.7 | 8.5 | 8.4 | 105 |
| 110 | | | | 9.6 | 9.3 | 9 | 9 | 8.8 | 8.6 | 9.6 | 9.2 | 9 | 8.9 | 8.7 | 8.5 | 9.4 | 9 | 8.8 | | 8.5 | 8.4 | 8.2 | 110 |
| 115 | | | | 9.2 | 9 | 8.8 | 8.6 | 8.5 | 8.4 | 9.3 | 9 | 8.8 | 8.6 | 8.4 | 8.3 | 9.1 | 8.8 | 8.7 | | 8.3 | 8.2 | 8.1 | 115 |
| 120 | | | | 8.8 | 8.8 | 8.7 | 8.3 | 8.3 | 8.2 | 8.9 | 8.7 | 8.6 | 8.3 | 8.2 | 8.2 | 8.8 | 8.6 | 8.5 | | 8 | 8 | 7.9 | 120 |
| 125 | | | | 8.4 | 8.5 | 8.4 | 8 | 8 | 8 | 8.6 | 8.5 | 8.4 | 8 | 7.9 | 8 | 8.5 | 8.4 | 8.3 | | 7.8 | 7.8 | 7.8 | 125 |
| 130 | | | | 8 | 8.2 | 8.1 | 7.6 | 7.7 | 7.8 | 8.3 | 8.3 | 8.3 | 7.7 | 7.7 | 7.8 | 8.2 | 8.2 | 8.1 | | 7.5 | 7.5 | 7.6 | 130 |
| 135 | | | | 7.7 | 7.8 | 7.9 | 7.3 | 7.4 | 7.5 | 7.9 | 8 | 8 | 7.4 | 7.4 | 7.5 | 7.9 | 7.9 | 7.9 | | 7.3 | 7.3 | 7.4 | 135 |
| 140 | | | | 7.4 | 7.5 | 7.6 | 7 | 7.1 | 7.2 | 7.6 | 7.7 | 7.8 | 7.2 | 7.2 | 7.3 | 7.6 | 7.7 | 7.7 | | 7 | 7.1 | 7.2 | 140 |
| 145 | | | | 7 | 7.1 | 7.2 | 6.7 | 6.8 | 6.9 | 7.3 | 7.4 | 7.5 | 6.9 | 7 | 7.1 | 7.3 | 7.4 | 7.5 | | 6.8 | 6.8 | 7 | 145 |
| 150 | | | | 6.7 | 6.8 | 6.9 | 6.3 | 6.5 | 6.6 | 7 | 7.1 | 7.2 | 6.6 | 6.7 | 6.8 | 7.1 | 7.1 | 7.2 | | 6.5 | 6.6 | 6.8 | 150 |
| 155 | | | | 6.4 | 6.5 | 6.6 | 6 | 6.2 | 6.3 | 6.7 | 6.8 | 6.9 | 6.3 | 6.4 | 6.6 | 6.8 | 6.9 | 7 | | 6.2 | 6.4 | 6.5 | 155 |
| 160 | | | | 6.1 | 6.2 | 6.3 | 5.8 | 5.9 | 6 | 6.5 | 6.6 | 6.6 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 | 6.7 | | 5.9 | 6.1 | 6.2 | 160 |
| 165 | | | | 5.9 | 6 | 6 | 5.5 | 5.6 | 5.7 | 6.2 | 6.3 | 6.4 | 5.8 | 5.9 | 6 | 6 | 6.3 | 6.5 | | 5.6 | 5.8 | 5.9 | 165 |
| 170 | | | | 5.6 | 5.7 | 5.8 | 5.2 | 5.3 | 5.4 | 6 | 6.1 | 6.1 | 5.6 | 5.7 | 5.8 | 5.6 | 5.9 | 6.1 | | 5.1 | 5.5 | 5.6 | 170 |
| 175 | | | | 5.4 | 5.5 | 5.5 | 4.9 | 5.1 | 5.1 | 5.8 | 5.8 | 5.9 | 5.3 | 5.4 | 5.5 | 5.1 | 5.5 | 5.7 | | 4.7 | 5.1 | 5.4 | 175 |
| 180 | | | | 5.1 | 5.2 | | 4.7 | 4.8 | 4.9 | 5.5 | 5.6 | 5.7 | 5.1 | 5.2 | 5.3 | 4.5 | 5 | 5.2 | | 4.2 | 4.6 | 4.9 | 180 |
| 185 | | | | 4.9 | 5 | | 4.5 | 4.6 | 4.6 | 5 | 5.3 | 5.4 | 4.9 | 5 | 5 | 4 | 4.5 | 4.7 | | 3.8 | 4.2 | 4.4 | 185 |
| 190 | | | | 4.7 | 4.8 | | 4.3 | 4.3 | | 4.6 | 4.8 | | 4.5 | 4.7 | 4.8 | 3.5 | 3.9 | 4.1 | | 3.3 | 3.7 | 3.9 | 190 |
| 195 | | | | 4.5 | 4.6 | | 4 | 4.1 | | 4.1 | 4.4 | | 4 | 4.3 | 4.4 | 3.1 | 3.4 | 3.6 | | 2.9 | 3.2 | 3.5 | 195 |
| 200 | | | | 4.3 | 4.4 | | 3.8 | 3.9 | | 3.6 | 3.9 | | 3.5 | 3.8 | | 2.6 | 2.9 | 3.1 | | 2.4 | 2.8 | 3 | 200 |
| 205 | | | | 3.3 | | | 3.6 | 3.7 | | 3.2 | 3.4 | | 3.1 | 3.4 | | 2.2 | 2.5 | | | 2 | 2.3 | 2.5 | 205 |
| 210 | | | | | | | 3.4 | 3.5 | | 2.8 | 2.9 | | 2.7 | 2.9 | | 1.8 | 2 | | | | 1.9 | 2 | 210 |
| 215 | | | | | | | 2.5 | | | 2.5 | 2.5 | | 2.3 | 2.5 | | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | 2 | 2.1 | | | | | | | | | 220 |

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Lifting capacities Forces de levage

TVNZK



| Height (ft) | 42 ft + 23 ft | | | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 194 ft + 23 ft | | | 197 ft + 23 ft | | | Height (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° | |
| 17 | 9.2 | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 9.2 | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 9.2 | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 9.2 | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 9.1 | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 9.1 | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 9 | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 9 | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 8.7 | 8.5 | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 8.6 | 8.5 | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 8.5 | 8.4 | | 9.2 | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 8.2 | 8.3 | | 9.1 | | | 8.1 | | | 8.3 | | | | | | | | | | | | | | 45 | |
| 50 | 7.8 | 7.9 | | 9.1 | | | 8.1 | | | 8.3 | | 7.4 | | | 7.5 | | | | | | | | | 50 | |
| 55 | 7.4 | 7.5 | 7.6 | 9 | | | 8.1 | | | 8.3 | | 7.4 | | | 7.5 | | | 6.6 | | | 6.4 | | | 55 | |
| 60 | 7 | 7.1 | 7.3 | 9 | | | 8.1 | | | 8.3 | | 7.4 | | | 7.5 | | | 6.6 | | | 6.4 | | | 60 | |
| 65 | 6.6 | 6.7 | 6.9 | 8.9 | 8.4 | | 8.1 | | | 8.3 | | 7.4 | | | 7.5 | | | 6.6 | | | 6.4 | | | 65 | |
| 70 | 6.3 | 6.3 | 6.5 | 8.8 | 8.4 | | 8.1 | 7.9 | | 8.2 | 8 | 7.4 | | | 7.4 | | | 6.6 | | | 6.4 | | | 70 | |
| 75 | 6 | 6 | 6.2 | 8.7 | 8.3 | | 8 | 7.8 | | 8.2 | 8 | 7.3 | 7.2 | | 7.4 | 7.4 | | 6.6 | | | 6.4 | | | 75 | |
| 80 | 5.6 | 5.7 | 5.9 | 8.6 | 8.1 | | 7.9 | 7.7 | | 8.1 | 7.9 | 7.3 | 7.2 | | 7.4 | 7.4 | | 6.6 | 6.4 | | 6.4 | 6.3 | | 80 | |
| 85 | 5.2 | 5.5 | 5.6 | 8.5 | 7.9 | 7.5 | 7.8 | 7.4 | | 8.1 | 7.7 | 7.3 | 7.1 | | 7.3 | 7.3 | | 6.6 | 6.4 | | 6.4 | 6.3 | | 85 | |
| 90 | 4.8 | 5.2 | 5.4 | 8.3 | 7.7 | 7.3 | 7.7 | 7.3 | 6.9 | 8 | 7.5 | 7.2 | 7.1 | 6.7 | 7.3 | 7.3 | | 6.6 | 6.4 | | 6.4 | 6.3 | | 90 | |
| 95 | 4.4 | 4.9 | 5.2 | 8 | 7.5 | 7.1 | 7.6 | 7.1 | 6.7 | 7.8 | 7.3 | 7 | 7.2 | 6.9 | 6.6 | 7.3 | 7.1 | 6.8 | 6.5 | 6.4 | 6 | 6.4 | 6.3 | | 95 |
| 100 | 4 | 4.6 | 4.9 | 7.8 | 7.2 | 6.9 | 7.4 | 6.9 | 6.6 | 7.7 | 7.1 | 6.8 | 7.1 | 6.7 | 6.5 | 7.2 | 6.9 | 6.7 | 6.5 | 6.4 | 6.1 | 6.4 | 6.3 | 6 | 100 |
| 105 | 3.7 | 4.1 | 4.4 | 7.6 | 7 | 6.7 | 7.2 | 6.7 | 6.4 | 7.5 | 7 | 6.7 | 7 | 6.5 | 6.3 | 7.1 | 6.8 | 6.5 | 6.5 | 6.3 | 6.1 | 6.3 | 6.2 | 6 | 105 |
| 110 | 3.4 | 3.7 | 3.8 | 7.4 | 6.8 | 6.6 | 7 | 6.5 | 6.3 | 7.3 | 6.8 | 6.5 | 6.8 | 6.4 | 6.2 | 7 | 6.6 | 6.4 | 6.4 | 6.2 | 6 | 6.3 | 6.1 | 6 | 110 |
| 115 | 3.1 | 3.3 | | 7.2 | 6.6 | 6.4 | 6.8 | 6.3 | 6.1 | 7.1 | 6.6 | 6.4 | 6.7 | 6.2 | 6.1 | 6.9 | 6.5 | 6.2 | 6.3 | 6.1 | 5.9 | 6.2 | 6 | 5.9 | 115 |
| 120 | | | | 7 | 6.5 | 6.2 | 6.6 | 6.2 | 6 | 6.9 | 6.4 | 6.2 | 6.5 | 6.1 | 5.9 | 6.7 | 6.3 | 6.1 | 6.2 | 5.9 | 5.8 | 6.1 | 5.9 | 5.8 | 120 |
| 125 | | | | 6.8 | 6.3 | 6.1 | 6.4 | 6 | 5.9 | 6.7 | 6.3 | 6.1 | 6.4 | 6 | 5.8 | 6.6 | 6.2 | 6 | 6.1 | 5.8 | 5.7 | 6 | 5.8 | 5.7 | 125 |
| 130 | | | | 6.6 | 6.1 | 6 | 6.3 | 5.9 | 5.7 | 6.6 | 6.1 | 6 | 6.2 | 5.8 | 5.7 | 6.4 | 6 | 5.9 | 6 | 5.7 | 5.6 | 5.9 | 5.7 | 5.6 | 130 |
| 135 | | | | 6.4 | 6 | 5.9 | 6.1 | 5.7 | 5.6 | 6.4 | 6 | 5.9 | 6 | 5.7 | 5.6 | 6.3 | 5.9 | 5.8 | 5.9 | 5.6 | 5.5 | 5.8 | 5.6 | 5.5 | 135 |
| 140 | | | | 6.2 | 5.9 | 5.7 | 5.9 | 5.6 | 5.5 | 6.2 | 5.9 | 5.7 | 5.9 | 5.6 | 5.5 | 6.2 | 5.8 | 5.7 | 5.8 | 5.5 | 5.4 | 5.7 | 5.5 | 5.4 | 140 |
| 145 | | | | 6.1 | 5.7 | 5.6 | 5.8 | 5.5 | 5.4 | 6.1 | 5.7 | 5.6 | 5.8 | 5.5 | 5.4 | 6 | 5.7 | 5.6 | 5.7 | 5.4 | 5.3 | 5.6 | 5.4 | 5.3 | 145 |
| 150 | | | | 5.9 | 5.6 | 5.5 | 5.6 | 5.4 | 5.3 | 5.9 | 5.6 | 5.5 | 5.6 | 5.3 | 5.3 | 5.9 | 5.6 | 5.5 | 5.6 | 5.3 | 5.2 | 5.5 | 5.3 | 5.2 | 150 |
| 155 | | | | 5.7 | 5.5 | 5.4 | 5.4 | 5.3 | 5.2 | 5.8 | 5.5 | 5.4 | 5.4 | 5.2 | 5.2 | 5.7 | 5.5 | 5.4 | 5.4 | 5.2 | 5.1 | 5.4 | 5.2 | 5.1 | 155 |
| 160 | | | | 5.5 | 5.4 | 5.3 | 5.3 | 5.1 | 5.1 | 5.7 | 5.4 | 5.3 | 5.3 | 5.1 | 5.1 | 5.6 | 5.4 | 5.3 | 5.3 | 5.1 | 5 | 5.3 | 5.1 | 5 | 160 |
| 165 | | | | 5.3 | 5.2 | 5.2 | 5 | 5 | 5.1 | 5.5 | 5.3 | 5.2 | 5.1 | 5 | 5 | 5.4 | 5.3 | 5.2 | 5.2 | 5 | 5 | 5.1 | 5 | 4.9 | 165 |
| 170 | | | | 5.1 | 5.1 | 5.2 | 4.8 | 4.9 | 5 | 5.3 | 5.2 | 5.2 | 5 | 4.9 | 5 | 5.3 | 5.2 | 5.1 | 5 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 170 |
| 175 | | | | 4.9 | 4.9 | 5.1 | 4.6 | 4.8 | 4.8 | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.8 | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.8 | 4.7 | 4.8 | 4.8 | 175 |
| 180 | | | | 4.7 | 4.8 | 4.9 | 4.4 | 4.6 | 4.7 | 4.9 | 5 | 5 | 4.6 | 4.7 | 4.8 | 4.7 | 4.9 | 5 | 4.6 | 4.7 | 4.8 | 4.4 | 4.7 | 4.8 | 180 |
| 185 | | | | 4.5 | 4.6 | 4.8 | 4.2 | 4.4 | 4.5 | 4.7 | 4.8 | 4.9 | 4.4 | 4.6 | 4.7 | 4.4 | 4.8 | 4.9 | 4.2 | 4.6 | 4.7 | 4 | 4.6 | 4.6 | 185 |
| 190 | | | | 4.3 | 4.4 | 4.5 | 4 | 4.2 | 4.3 | 4.5 | 4.6 | 4.8 | 4.2 | 4.4 | 4.6 | 4 | 4.6 | 4.8 | 3.8 | 4.4 | 4.6 | 3.6 | 4.3 | 4.5 | 190 |
| 195 | | | | 4.1 | 4.2 | 4.3 | 3.8 | 4 | 4.1 | 4.4 | 4.5 | 4.6 | 4 | 4.2 | 4.4 | 3.6 | 4.2 | 4.6 | 3.3 | 4.1 | 4.4 | 3.2 | 3.9 | 4.3 | 195 |
| 200 | | | | 3.9 | 4 | 4.1 | 3.6 | 3.8 | 3.9 | 4.2 | 4.3 | 4.4 | 3.8 | 4.1 | 4.2 | 3.1 | 3.8 | 4.2 | 3 | 3.7 | 4.1 | 2.8 | 3.5 | 4 | 200 |
| 205 | | | | 3.7 | 3.8 | | 3.4 | 3.6 | 3.6 | 3.8 | 4.1 | 4.2 | 3.5 | 3.9 | 4 | 2.8 | 3.4 | 3.7 | 2.6 | 3.3 | 3.7 | 2.4 | 3.1 | 3.5 | 205 |
| 210 | | | | 3.6 | 3.7 | | 3.2 | 3.4 | 3.4 | 3.3 | 3.9 | 4 | 3.2 | 3.6 | 3.8 | 2.4 | 3 | 3.3 | 2.2 | 2.9 | 3.2 | 2.1 | 2.7 | 3.1 | 210 |
| 215 | | | | 3.4 | 3.5 | | 3 | 3.2 | | 3 | 3.4 | 3.6 | 2.8 | 3.3 | 3.5 | 2 | 2.6 | 2.8 | 1.9 | 2.5 | 2.8 | | 2.3 | 2.7 | 215 |
| 220 | | | | 3.2 | 3.3 | | 2.8 | 3 | | 2.6 | 3 | | 2.5 | 2.9 | 3.1 | | 2.1 | 2.4 | | 2.1 | 2.4 | | 1.9 | 2.3 | 220 |
| 225 | | | | 3 | 3.2 | | 2.7 | 2.8 | | 2.2 | 2.6 | | 2.1 | 2.5 | | | | 1.9 | | | 2 | | | 1.8 | 225 |
| 230 | | | | 2.6 | | | 2.5 | 2.6 | | 1.9 | 2.2 | | 1.8 | 2.2 | | | | | | | | | | | 230 |
| 235 | | | | | | | 2.2 | 2.4 | | | 1.9 | | | 1.8 | | | | | | | | | | | 235 |
| 240 | | | | | | | 1.9 | | | | | | | | | | | | | | | | | | 240 |

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Lifting capacities Forces de levage

TVNZK



| | 42 ft + 23 ft | | | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 197 ft + 23 ft | | | | |
|-----|---------------|------|------|----------------|------|------|----------------|------|-----|----------------|------|------|----------------|-----|-----|----------------|------|-----|----------------|-----|-----|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | | |
| | 35 ft | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 13.3 | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 13.3 | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 13.2 | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 13.2 | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 13.2 | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 13.2 | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 13.1 | 13.2 | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 13.1 | 13.1 | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 12.9 | 13 | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 12.6 | 12.7 | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 12.2 | 12.3 | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 11.8 | 11.9 | 11.4 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 11.5 | 11.5 | 11.4 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 11.1 | 11.1 | 11.2 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 10.7 | 10.7 | 10.9 | 13.3 | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 10.4 | 10.4 | 10.5 | 13.3 | | | 11.5 | | | 11.8 | | | | | | | | | | | | 38 | |
| 40 | 10 | 10 | 10.2 | 13.3 | | | 11.5 | | | 11.8 | | | 10 | | | | | | | | | 40 | |
| 45 | 9.2 | 9.3 | 9.4 | 13.2 | | | 11.4 | | | 11.8 | | | 10 | | | 10.2 | | | | 8.6 | | 45 | |
| 50 | 8.4 | 8.7 | 8.8 | 13.1 | 12.9 | | 11.4 | | | 11.7 | | | 10 | | | 10.2 | | | | 8.6 | | 50 | |
| 55 | 7.6 | 8.2 | 8.3 | 13 | 12.4 | | 11.4 | 11.2 | | 11.6 | 11.7 | | 10 | 10 | | 10.2 | | | | 8.6 | | 55 | |
| 60 | 6.9 | 7.6 | 7.8 | 12.8 | 11.9 | 11.2 | 11.3 | 10.9 | | 11.6 | 11.4 | | 10 | 10 | | 10.2 | 10.2 | | | 8.6 | 8.6 | 60 | |
| 65 | 6.3 | 6.9 | 7.3 | 12.1 | 11.4 | 10.8 | 11.1 | 10.5 | 10 | 11.1 | 11 | 10.5 | 9.9 | 9.9 | 9.6 | 9.5 | 10.2 | | | 8.4 | 8.6 | 65 | |
| 70 | 5.7 | 6.2 | 6.6 | 10.7 | 11 | 10.4 | 10.2 | 10.1 | 9.7 | 9.5 | 10.6 | 10.1 | 9 | 9.7 | 9.3 | 8 | 9.5 | 9.7 | | 7.3 | 8.5 | 8.4 | 70 |
| 75 | 5.2 | 5.6 | 5.9 | 9.2 | 10.4 | 10 | 8.9 | 9.8 | 9.4 | 8.1 | 9.5 | 9.8 | 7.7 | 9 | 9.1 | 6.6 | 8.1 | 9.3 | | 6 | 7.5 | 8.3 | 75 |
| 80 | 4.7 | 5 | 5.2 | 7.9 | 9.2 | 9.7 | 7.6 | 8.9 | 9.1 | 6.8 | 8.1 | 9.2 | 6.5 | 7.8 | 8.8 | 5.4 | 6.9 | 8 | | 4.9 | 6.3 | 7.5 | 80 |
| 85 | 4.3 | 4.5 | 4.6 | 6.7 | 7.9 | 8.9 | 6.4 | 7.7 | 8.6 | 5.6 | 6.9 | 8 | 5.4 | 6.7 | 7.7 | 4.3 | 5.7 | 6.8 | | 3.9 | 5.2 | 6.3 | 85 |
| 90 | 3.9 | 4 | | 5.7 | 6.8 | 7.7 | 5.4 | 6.5 | 7.5 | 4.6 | 5.8 | 6.8 | 4.4 | 5.6 | 6.6 | 3.3 | 4.6 | 5.7 | | 2.9 | 4.3 | 5.2 | 90 |
| 95 | | | | 4.8 | 5.8 | 6.7 | 4.5 | 5.5 | 6.4 | 3.7 | 4.8 | 5.7 | 3.5 | 4.6 | 5.6 | 2.2 | 3.6 | 4.6 | | 1.8 | 3.3 | 4.3 | 95 |
| 100 | | | | 3.9 | 4.9 | 5.7 | 3.6 | 4.6 | 5.4 | 2.8 | 4 | 4.8 | 2.6 | 3.7 | 4.6 | | 2.7 | 3.7 | | | | 3.4 | 100 |
| 105 | | | | 3.2 | 4.1 | 4.8 | 2.9 | 3.8 | 4.6 | 1.9 | 3.1 | 3.9 | | 2.9 | 3.8 | | | 2.8 | | | | 2.4 | 105 |
| 110 | | | | 2.3 | 3.3 | 4 | 1.9 | 3.1 | 3.8 | | | 2.2 | 3.1 | | | | 2 | 2.9 | | | | | 110 |
| 115 | | | | | 2.6 | 3.2 | | | 2.3 | 3 | | | | | | | | | | | | | 115 |
| 120 | | | | | | 2.5 | | | 2.3 | | | | | | | | | | | | | | 120 |

t_205_02019_00_000

Lifting capacities Forces de levage

TVNZK

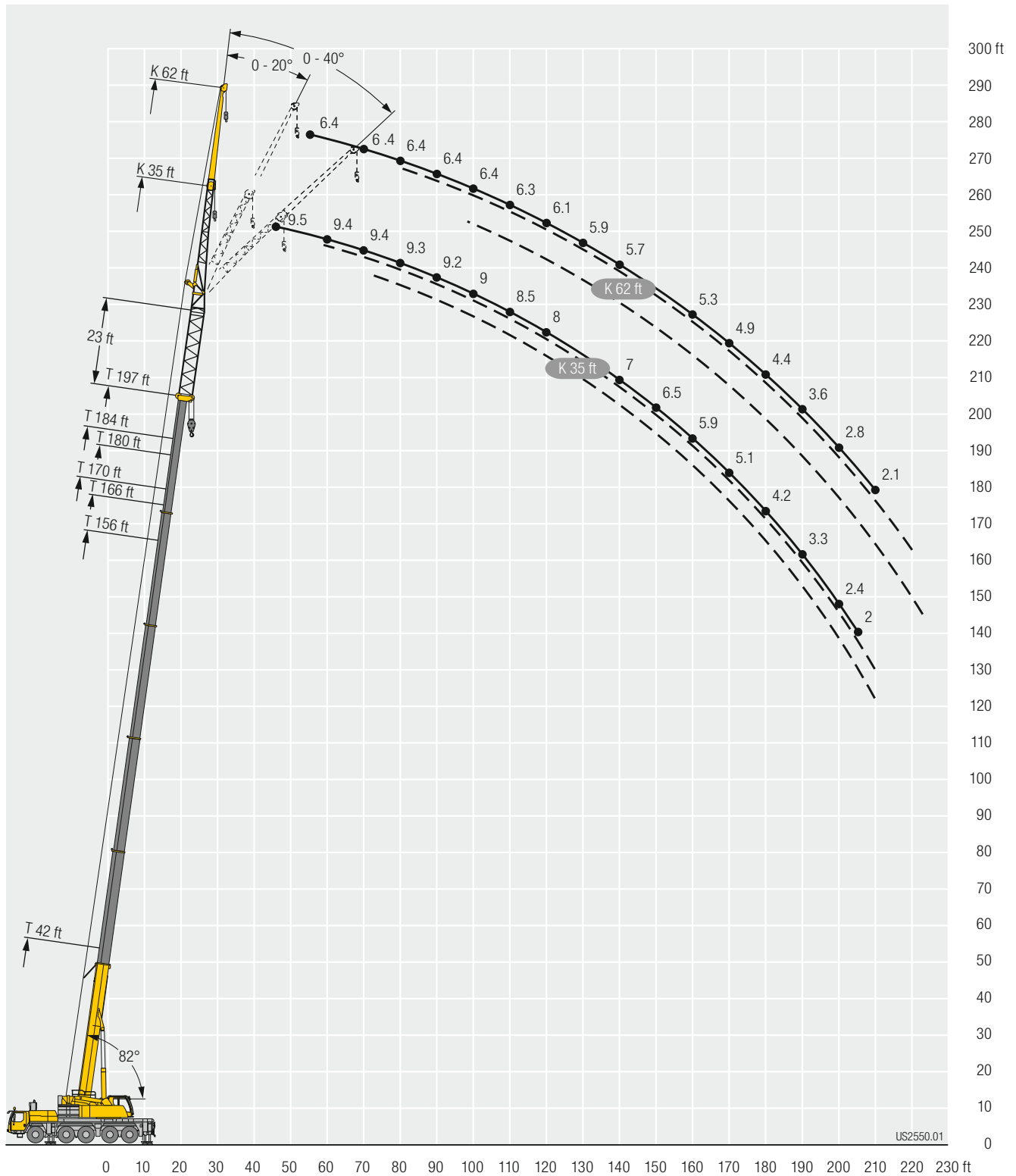


| 42 ft + 23 ft | 62 ft | | | | | | | | | | | | | | | | | | | | | | | | 197 ft + 23 ft | | | | |
|---------------|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|-----|----------------|-----|----|-----|-----|
| | 156 ft + 23 ft | | | 166 ft + 23 ft | | | 170 ft + 23 ft | | | 180 ft + 23 ft | | | 184 ft + 23 ft | | | 194 ft + 23 ft | | | 197 ft + 23 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° | 0° | 20° | 40° | | | |
| 17 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | | |
| 18 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 8.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 7.9 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 7.8 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 7.8 | 7.7 | | 8.4 | | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 7.5 | 7.5 | | 8.3 | | | 7.3 | | | 7.6 | | | | | | | | | | | | | | | | | | 45 | |
| 50 | 7.1 | 7.2 | | 8.3 | | | 7.3 | | | 7.6 | | 6.7 | | | 6.9 | | | | | | | | | | | | | 50 | |
| 55 | 6.7 | 6.8 | 6.9 | 8.2 | | | 7.3 | | | 7.6 | | 6.7 | | | 6.8 | | | 6 | | | | 5.8 | | | | | | 55 | |
| 60 | 6.3 | 6.4 | 6.6 | 8.2 | | | 7.3 | | | 7.5 | | 6.7 | | | 6.8 | | | 6 | | | | 5.8 | | | | | | 60 | |
| 65 | 6 | 6.1 | 6.2 | 8.1 | 7.7 | | 7.3 | | | 7.5 | | 6.7 | | | 6.8 | | | 6 | | | | 5.8 | | | | | | 65 | |
| 70 | 5.7 | 5.8 | 5.9 | 8 | 7.6 | | 7.3 | 7.2 | | 7.5 | 7.3 | | 6.7 | | | 6.8 | | | 6 | | | 5.8 | | | | | | 70 | |
| 75 | 5.4 | 5.5 | 5.6 | 7.9 | 7.5 | | 7.3 | 7.1 | | 7.4 | 7.2 | | 6.7 | 6.6 | | 6.5 | 6.7 | | | 6 | | | 5.7 | | | | | 75 | |
| 80 | 5.1 | 5.2 | 5.4 | 7.6 | 7.4 | | 7.2 | 7 | | 6.9 | 7.2 | | 6.5 | 6.6 | | 5.6 | 6.7 | | | 5.2 | 5.9 | | 5 | 5.7 | | | | 80 | |
| 85 | 4.7 | 5 | 5.1 | 7 | 7.2 | 6.8 | 6.5 | 6.8 | | 5.9 | 7 | | 5.5 | 6.5 | | 4.6 | 6.6 | | | 4.3 | 5.8 | | 4 | 5.7 | | | | 85 | |
| 90 | 4.3 | 4.8 | 4.9 | 6 | 7 | 6.6 | 5.7 | 6.6 | 6.3 | 5 | 6.8 | 6.5 | 4.7 | 6.4 | 6.1 | 3.7 | 5.8 | | | 3.4 | 5.5 | | 3.2 | 5.3 | | | | 90 | |
| 95 | 4 | 4.5 | 4.7 | 5.1 | 6.7 | 6.4 | 4.8 | 6.4 | 6.1 | 4.1 | 6 | 6.4 | 3.8 | 5.7 | 6 | 2.7 | 4.9 | 6.2 | | 2.4 | 4.6 | 5.5 | 2.2 | 4.4 | | | | 95 | |
| 100 | 3.6 | 4.1 | 4.5 | 4.3 | 6 | 6.3 | 4 | 5.8 | 6 | 3.2 | 5.2 | 6.2 | 3 | 4.8 | 5.9 | 1.8 | 4.1 | 5.7 | | | 3.8 | 5.4 | | 3.6 | 5.2 | | | 100 | |
| 105 | 3.4 | 3.7 | 4 | 3.6 | 5.2 | 6.1 | 3.2 | 4.9 | 5.9 | 2.4 | 4.4 | 5.8 | 2.2 | 4.1 | 5.5 | | 3.3 | 4.8 | | | 3.1 | 4.6 | | 2.9 | 4.4 | | | 105 | |
| 110 | 3.1 | 3.4 | 3.5 | 2.8 | 4.4 | 5.7 | 2.4 | 4.2 | 5.5 | | 3.6 | 5 | | 3.4 | 4.7 | | 2.4 | 4.1 | | | 2.2 | 3.8 | | | 3.6 | | | 110 | |
| 115 | 2.8 | 3 | | 2.1 | 3.7 | 5 | | 3.5 | 4.7 | | 2.9 | 4.2 | | 2.6 | 4 | | | 3.3 | | | | 3.1 | | | 2.9 | 4.4 | | 115 | |
| 120 | | | | | 3.1 | 4.2 | | 2.8 | 4 | | 2.1 | 3.5 | | 1.9 | 3.3 | | | 2.5 | | | | 2.4 | | | 2.2 | 2.2 | | 120 | |
| 125 | | | | | 2.4 | 3.5 | | 2.1 | 3.3 | | | 2.8 | | | 2.6 | | | | | | | | | | | | | | 125 |
| 130 | | | | | | 2.9 | | | 2.7 | | | 2 | | | 1.8 | | | | | | | | | | | | | | 130 |
| 135 | | | | | | 2.3 | | | 2 | | | | | | | | | | | | | | | | | | | | 135 |

t_205_02119_00_000

Lifting heights Hauteurs de levage

TVNZK



Lifting capacities Forces de levage

TVNZK



| 42-197 ft T | 42 ft + 46 ft | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | 197 ft + 46 ft | | | T | | |
|----------------|---------------|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|-----|
| | 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° | |
| 14 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 15 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 19 | |
| 20 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 9.8 | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 9.7 | 9.7 | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 9.6 | 9.7 | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 9.5 | 9.7 | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 9.5 | 9.7 | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 9.4 | 9.6 | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 9.2 | 9.4 | 9 | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 8.9 | 9.2 | 9 | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 8.7 | 8.9 | 9 | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 8.5 | 8.7 | 8.9 | 9.8 | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 8 | 8.1 | 8.3 | 9.8 | | | 8.5 | | | 8.8 | | | | | | | | | | | | | | | 45 | |
| 50 | 7.4 | 7.6 | 7.7 | 9.7 | | | 8.5 | | | 8.7 | | | 7.6 | | | 7.5 | | | | | | | | | 50 | |
| 55 | 7 | 7.1 | 7.2 | 9.6 | 9.7 | | 8.5 | | | 8.7 | | | 7.6 | | | 7.5 | | | 6.6 | | | 6.4 | | | 55 | |
| 60 | 6.5 | 6.6 | 6.8 | 9.5 | 9.5 | | 8.5 | 8.5 | | 8.6 | 8.7 | | | 7.5 | | | 7.5 | | 6.6 | | | 6.4 | | | 60 | |
| 65 | 6.2 | 6.3 | 6.4 | 9.4 | 9.2 | 8.9 | 8.4 | 8.4 | | 8.6 | 8.7 | | | 7.5 | 7.6 | | | 7.5 | 7.6 | | 6.6 | 6.6 | 6.4 | | 65 | |
| 70 | 5.8 | 5.9 | 6 | 9.2 | 8.9 | 8.6 | 8.3 | 8.2 | 8 | 8.5 | 8.5 | 8.4 | 7.5 | 7.6 | | | 7.5 | 7.6 | | 6.6 | 6.6 | | 6.4 | 6.4 | 70 | |
| 75 | 5.5 | 5.6 | 5.7 | 8.9 | 8.6 | 8.4 | 8.2 | 8 | 7.8 | 8.4 | 8.3 | 8.1 | 7.5 | 7.5 | 7.5 | 7.5 | 7.6 | 7.6 | | 6.6 | 6.6 | | 6.4 | 6.4 | 75 | |
| 80 | 5 | 5.3 | 5.4 | 8.7 | 8.3 | 8.1 | 8 | 7.7 | 7.6 | 8.2 | 8.1 | 7.9 | 7.4 | 7.4 | 7.3 | 7.5 | 7.6 | 7.5 | | 6.5 | 6.6 | 6.6 | 6.4 | 6.4 | 6.4 | 80 |
| 85 | 4.6 | 4.9 | 5.1 | 8.4 | 8 | 7.8 | 7.7 | 7.5 | 7.3 | 8.1 | 7.8 | 7.6 | 7.3 | 7.2 | 7.1 | 7.4 | 7.4 | 7.3 | | 6.5 | 6.6 | 6.6 | 6.3 | 6.4 | 6.4 | 85 |
| 90 | 4.2 | 4.5 | 4.8 | 8.1 | 7.8 | 7.6 | 7.5 | 7.2 | 7.1 | 7.9 | 7.6 | 7.4 | 7.2 | 7 | 6.9 | 7.3 | 7.3 | 7.1 | | 6.5 | 6.6 | 6.6 | 6.3 | 6.4 | 6.4 | 90 |
| 95 | 3.8 | 4.1 | 4.3 | 7.8 | 7.5 | 7.3 | 7.3 | 7 | 6.9 | 7.7 | 7.4 | 7.2 | 7 | 6.8 | 6.7 | 7.2 | 7.1 | 7 | | 6.5 | 6.5 | 6.5 | 6.3 | 6.3 | 6.3 | 95 |
| 100 | 3.4 | 3.7 | 3.8 | 7.6 | 7.2 | 7.1 | 7.1 | 6.8 | 6.7 | 7.4 | 7.1 | 7 | 6.9 | 6.6 | 6.5 | 7.1 | 6.9 | 6.8 | | 6.4 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 100 |
| 105 | 3.1 | 3.3 | 3.3 | 7.3 | 7 | 6.9 | 6.9 | 6.6 | 6.5 | 7.2 | 6.9 | 6.8 | 6.7 | 6.5 | 6.4 | 7 | 6.7 | 6.6 | | 6.4 | 6.2 | 6.1 | 6.2 | 6.1 | 6.1 | 105 |
| 110 | 2.8 | 2.9 | 3.3 | 7.1 | 6.8 | 6.7 | 6.7 | 6.4 | 6.3 | 7 | 6.7 | 6.6 | 6.5 | 6.3 | 6.2 | 6.8 | 6.5 | 6.4 | | 6.2 | 6.1 | 6 | 6.1 | 6 | 5.9 | 110 |
| 115 | 2.6 | | | 6.8 | 6.6 | 6.5 | 6.4 | 6.2 | 6.1 | 6.8 | 6.5 | 6.4 | 6.3 | 6.1 | 6 | 6.6 | 6.4 | 6.3 | | 6.1 | 5.9 | 5.9 | 6 | 5.9 | 5.8 | 115 |
| 120 | | | | 6.6 | 6.4 | 6.3 | 6.3 | 6.1 | 6 | 6.6 | 6.3 | 6.2 | 6.1 | 6 | 5.9 | 6.4 | 6.2 | 6.1 | | 5.9 | 5.8 | 5.7 | 5.9 | 5.7 | 5.7 | 120 |
| 125 | | | | 6.4 | 6.2 | 6.1 | 6.1 | 5.9 | 5.8 | 6.4 | 6.2 | 6.1 | 6 | 5.8 | 5.7 | 6.2 | 6 | 5.9 | | 5.8 | 5.6 | 5.6 | 5.7 | 5.6 | 5.5 | 125 |
| 130 | | | | 6.2 | 6 | 5.9 | 5.9 | 5.7 | 5.6 | 6.2 | 6 | 5.9 | 5.8 | 5.7 | 5.6 | 6.1 | 5.9 | 5.8 | | 5.6 | 5.5 | 5.5 | 5.6 | 5.5 | 5.4 | 130 |
| 135 | | | | 6 | 5.8 | 5.8 | 5.7 | 5.6 | 5.5 | 6 | 5.8 | 5.8 | 5.7 | 5.5 | 5.5 | 5.9 | 5.7 | 5.7 | | 5.5 | 5.4 | 5.3 | 5.5 | 5.3 | 5.3 | 135 |
| 140 | | | | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.4 | 5.9 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.8 | 5.6 | 5.5 | | 5.4 | 5.3 | 5.2 | 5.4 | 5.2 | 5.2 | 140 |
| 145 | | | | 5.7 | 5.5 | 5.5 | 5.4 | 5.3 | 5.2 | 5.7 | 5.5 | 5.5 | 5.4 | 5.2 | 5.2 | 5.6 | 5.5 | 5.4 | | 5.3 | 5.1 | 5.1 | 5.2 | 5.1 | 5.1 | 145 |
| 150 | | | | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.1 | 5.6 | 5.4 | 5.4 | 5.2 | 5.1 | 5.1 | 5.5 | 5.3 | 5.3 | | 5.1 | 5 | 5 | 5.1 | 5 | 5 | 150 |
| 155 | | | | 5.3 | 5.2 | 5.2 | 5 | 5 | 5 | 5.4 | 5.2 | 5.2 | 5 | 5 | 5 | 5.3 | 5.2 | 5.2 | | 5 | 4.9 | 4.9 | 5 | 4.9 | 4.8 | 155 |
| 160 | | | | 5.1 | 5.1 | 5.1 | 4.8 | 4.8 | 4.9 | 5.3 | 5.1 | 5.1 | 4.9 | 4.8 | 4.8 | 5.2 | 5.1 | 5.1 | | 4.9 | 4.8 | 4.8 | 4.9 | 4.8 | 4.8 | 160 |
| 165 | | | | 4.8 | 4.9 | 5 | 4.6 | 4.7 | 4.7 | 5.1 | 5 | 5 | 4.7 | 4.7 | 4.8 | 5 | 5 | 5 | | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.7 | 165 |
| 170 | | | | 4.6 | 4.7 | 4.8 | 4.4 | 4.5 | 4.5 | 4.9 | 4.9 | 4.9 | 4.5 | 4.6 | 4.7 | 4.9 | 4.8 | 4.9 | | 4.5 | 4.6 | 4.6 | 4.4 | 4.5 | 4.6 | 170 |
| 175 | | | | 4.4 | 4.5 | 4.6 | 4.1 | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 | 4.3 | 4.4 | 4.5 | 4.5 | 4.7 | 4.8 | | 4.3 | 4.5 | 4.5 | 4.1 | 4.4 | 4.4 | 175 |
| 180 | | | | 4.2 | 4.3 | 4.4 | 3.9 | 4 | 4.1 | 4.5 | 4.5 | 4.6 | 4.2 | 4.3 | 4.4 | 4.1 | 4.5 | 4.6 | | 3.9 | 4.2 | 4.3 | 3.7 | 4.2 | 4.2 | 180 |
| 185 | | | | 4 | 4.1 | 4.1 | 3.7 | 3.8 | 3.9 | 4.3 | 4.3 | 4.4 | 4 | 4.1 | 4.2 | 3.6 | 4.1 | 4.3 | | 3.5 | 3.9 | 4.1 | 3.3 | 3.7 | 4 | 185 |
| 190 | | | | 3.8 | 3.9 | 3.9 | 3.5 | 3.6 | 3.6 | 4 | 4.1 | 4.2 | 3.7 | 3.9 | 3.9 | 3.2 | 3.6 | 3.9 | | 3 | 3.5 | 3.7 | 2.9 | 3.3 | 3.6 | 190 |
| 195 | | | | 3.6 | 3.7 | 3.7 | 3.3 | 3.4 | 3.4 | 3.8 | 3.9 | 4 | 3.5 | 3.7 | 3.7 | 2.8 | 3.2 | 3.4 | | 2.6 | 3 | 3.3 | 2.4 | 2.9 | 3.1 | 195 |
| 200 | | | | 3.4 | 3.5 | | 3 | 3.2 | 3.2 | 3.4 | 3.7 | 3.7 | 3.2 | 3.5 | 3.6 | 2.4 | 2.8 | 3 | | 2.2 | 2.6 | 2.8 | 2 | 2.4 | 2.7 | 200 |
| 205 | | | | 3.2 | 3.3 | | 2.9 | 3 | | 3 | 3.3 | 3.4 | 2.8 | 3.1 | 3.2 | 2 | 2.4 | 2.5 | | 1.8 | 2.2 | 2.4 | | 2 | 2.3 | 205 |
| 210 | | | | 3.1 | 3.1 | | 2.7 | 2.8 | | 2.6 | 2.8 | | 2.4 | 2.8 | 2.9 | | 1.9 | 2.1 | | | | | | 1.9 | | 210 |
| 215 | | | | 2.9 | 3 | | 2.5 | 2.6 | | 2.2 | 2.4 | | 2 | 2.4 | 2.4 | | | | | | | | | | | 215 |
| 220 | | | | 2.6 | 2.7 | | 2.3 | 2.4 | | 1.8 | 2 | | | | 1.9 | | | | | | | | | | | 220 |
| 225 | | | | 2.3 | | | 2.1 | 2.2 | | | | | | | | | | | | | | | | | | 225 |
| 230 | | | | | | | | 1.9 | | | | | | | | | | | | | | | | | | 230 |

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Lifting capacities Forces de levage

TVNZK



| ↙ | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | ↘ |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|
| | 62 ft | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 18 | 6.6 | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 6.6 | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 6.6 | | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 6.6 | | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 6.6 | | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 6.6 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 6.6 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 6.6 | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 6.5 | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 6.5 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 6.5 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 6.4 | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 6.4 | 6.6 | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 6.3 | 6.6 | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 6.1 | 6.4 | | 6.6 | | | 5.8 | | | 5.9 | | | | | | | | | | | | 50 |
| 55 | 5.8 | 6.1 | 5.9 | 6.6 | | | 5.8 | | | 5.9 | | | 5.2 | | | 5.2 | | | | | | 55 |
| 60 | 5.5 | 5.7 | 5.9 | 6.6 | | | 5.8 | | | 5.9 | | | 5.1 | | | 5.2 | | | 4.5 | | | 60 |
| 65 | 5.2 | 5.4 | 5.7 | 6.5 | | | 5.7 | | | 5.8 | | | 5.1 | | | 5.1 | | | 4.4 | | | 65 |
| 70 | 4.9 | 5.1 | 5.3 | 6.5 | | | 5.7 | | | 5.8 | | | 5.1 | | | 5.1 | | | 4.4 | | | 70 |
| 75 | 4.6 | 4.8 | 5 | 6.4 | 6.5 | | 5.7 | | | 5.8 | | | 5 | | | 5.1 | | | 4.4 | | | 75 |
| 80 | 4.4 | 4.5 | 4.7 | 6.3 | 6.3 | | 5.7 | 5.8 | | 5.7 | 5.9 | | 5 | 5.2 | | 5 | 5.2 | | 4.4 | | | 80 |
| 85 | 4.1 | 4.3 | 4.5 | 6.2 | 6.2 | | 5.6 | 5.7 | | 5.7 | 5.8 | | 5 | 5.2 | | 5 | 5.2 | | 4.4 | 4.5 | | 85 |
| 90 | 3.9 | 4 | 4.2 | 6.2 | 6 | 5.8 | 5.5 | 5.6 | | 5.7 | 5.7 | | 5 | 5.1 | | 5 | 5.2 | | 4.3 | 4.5 | | 90 |
| 95 | 3.7 | 3.8 | 4 | 6 | 5.8 | 5.6 | 5.5 | 5.4 | 5.3 | 5.6 | 5.6 | 5.5 | 5 | 5.1 | | 5 | 5.2 | | 4.3 | 4.5 | | 95 |
| 100 | 3.5 | 3.6 | 3.8 | 5.9 | 5.6 | 5.4 | 5.4 | 5.2 | 5.1 | 5.6 | 5.4 | 5.3 | 4.9 | 5 | 4.9 | 5 | 5.1 | 5.1 | 4.3 | 4.5 | | 100 |
| 105 | 3.3 | 3.4 | 3.6 | 5.7 | 5.4 | 5.3 | 5.3 | 5.1 | 5 | 5.5 | 5.3 | 5.2 | 4.9 | 4.9 | 4.8 | 5 | 5 | 5 | 4.3 | 4.5 | 4.4 | 105 |
| 110 | 3.1 | 3.3 | 3.4 | 5.5 | 5.2 | 5.1 | 5.2 | 4.9 | 4.8 | 5.4 | 5.1 | 5 | 4.9 | 4.8 | 4.7 | 4.9 | 4.9 | 4.9 | 4.3 | 4.5 | 4.4 | 110 |
| 115 | 2.8 | 3.1 | 3.2 | 5.3 | 5.1 | 5 | 5 | 4.8 | 4.7 | 5.2 | 5 | 4.9 | 4.8 | 4.7 | 4.6 | 4.9 | 4.8 | 4.7 | 4.3 | 4.4 | 4.4 | 115 |
| 120 | 2.5 | 2.9 | 3.1 | 5.2 | 4.9 | 4.8 | 4.8 | 4.6 | 4.6 | 5.1 | 4.9 | 4.7 | 4.7 | 4.5 | 4.5 | 4.8 | 4.7 | 4.6 | 4.3 | 4.3 | 4.3 | 120 |
| 125 | 2.5 | 2.7 | 2.8 | 5 | 4.8 | 4.7 | 4.7 | 4.5 | 4.4 | 4.9 | 4.7 | 4.6 | 4.6 | 4.4 | 4.4 | 4.7 | 4.6 | 4.5 | 4.2 | 4.2 | 4.2 | 125 |
| 130 | 2.5 | 2.6 | 2.4 | 4.8 | 4.6 | 4.5 | 4.5 | 4.4 | 4.3 | 4.8 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.6 | 4.4 | 4.4 | 4.1 | 4.1 | 4.1 | 130 |
| 135 | 2.5 | 2.6 | 2.2 | 4.7 | 4.5 | 4.4 | 4.4 | 4.2 | 4.2 | 4.6 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 | 4.5 | 4.3 | 4.3 | 4.1 | 4 | 4 | 135 |
| 140 | 2.5 | 2.6 | | 4.5 | 4.3 | 4.3 | 4.3 | 4.1 | 4.1 | 4.5 | 4.3 | 4.2 | 4.2 | 4 | 4 | 4.4 | 4.2 | 4.2 | 4 | 3.9 | 3.9 | 140 |
| 145 | | | | 4.4 | 4.2 | 4.1 | 4.2 | 4 | 4 | 4.4 | 4.2 | 4.1 | 4.1 | 3.9 | 3.9 | 4.3 | 4.1 | 4.1 | 3.9 | 3.8 | 3.8 | 145 |
| 150 | | | | 4.3 | 4.1 | 4 | 4 | 3.9 | 3.9 | 4.2 | 4.1 | 4 | 4 | 3.8 | 3.8 | 4.2 | 4 | 4 | 3.9 | 3.7 | 3.7 | 150 |
| 155 | | | | 4.1 | 4 | 3.9 | 3.9 | 3.8 | 3.7 | 4.1 | 4 | 3.9 | 3.9 | 3.7 | 3.7 | 4 | 3.9 | 3.9 | 3.8 | 3.6 | 3.7 | 155 |
| 160 | | | | 4 | 3.8 | 3.8 | 3.8 | 3.7 | 3.6 | 4 | 3.9 | 3.8 | 3.8 | 3.6 | 3.6 | 3.9 | 3.8 | 3.8 | 3.7 | 3.6 | 3.6 | 160 |
| 165 | | | | 3.9 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.9 | 3.8 | 3.7 | 3.7 | 3.5 | 3.5 | 3.8 | 3.7 | 3.7 | 3.6 | 3.5 | 3.5 | 165 |
| 170 | | | | 3.7 | 3.6 | 3.6 | 3.6 | 3.5 | 3.5 | 3.8 | 3.7 | 3.6 | 3.6 | 3.5 | 3.5 | 3.7 | 3.6 | 3.6 | 3.5 | 3.4 | 3.4 | 170 |
| 175 | | | | 3.6 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.7 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.6 | 3.5 | 3.5 | 3.4 | 3.3 | 3.3 | 175 |
| 180 | | | | 3.5 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.6 | 3.4 | 3.5 | 3.4 | 3.3 | 3.3 | 3.6 | 3.4 | 3.4 | 3.3 | 3.2 | 3.3 | 180 |
| 185 | | | | 3.4 | 3.3 | 3.4 | 3.2 | 3.2 | 3.2 | 3.5 | 3.4 | 3.4 | 3.3 | 3.2 | 3.2 | 3.5 | 3.3 | 3.4 | 3.2 | 3.2 | 3.2 | 185 |
| 190 | | | | 3.3 | 3.3 | 3.3 | 3.1 | 3.1 | 3.1 | 3.4 | 3.3 | 3.3 | 3.2 | 3.1 | 3.2 | 3.3 | 3.3 | 3.3 | 3 | 3.1 | 3.1 | 190 |
| 195 | | | | 3.2 | 3.2 | 3.2 | 2.9 | 3 | 3.1 | 3.3 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3 | 3.2 | 3.2 | 2.8 | 3 | 3.1 | 195 |
| 200 | | | | 3.1 | 3.1 | 3.2 | 2.7 | 2.9 | 3 | 3.2 | 3.1 | 3.2 | 2.9 | 3 | 3 | 2.6 | 3.1 | 3.2 | 2.5 | 2.9 | 3 | 200 |
| 205 | | | | 2.9 | 3 | 3.1 | 2.6 | 2.7 | 2.9 | 3.1 | 3 | 3.1 | 2.8 | 2.9 | 2.9 | 2.2 | 2.9 | 3.1 | 2.1 | 2.7 | 2.9 | 205 |
| 210 | | | | 2.7 | 2.9 | 3 | 2.4 | 2.6 | 2.8 | 2.9 | 3 | 3.1 | 2.6 | 2.8 | 2.8 | 1.9 | 2.6 | 3 | | 2.4 | 2.8 | 210 |
| 215 | | | | 2.6 | 2.7 | 2.8 | 2.2 | 2.4 | 2.6 | 2.6 | 2.9 | 3 | 2.4 | 2.6 | 2.8 | | 2.2 | 2.6 | | 2.1 | 2.5 | 215 |
| 220 | | | | 2.4 | 2.6 | 2.6 | 2 | 2.2 | 2.4 | 2.2 | 2.7 | 2.9 | 2.1 | 2.5 | 2.6 | | 1.8 | 2.2 | | | 2.1 | 220 |
| 225 | | | | 2.3 | 2.4 | | 1.8 | 2 | 2.1 | 1.9 | 2.4 | 2.6 | | 2.3 | 2.4 | | | 1.8 | | | | 225 |
| 230 | | | | 2.1 | 2.3 | | | 1.9 | 1.9 | | 2 | 2.2 | | 1.9 | 2.2 | | | | | | | 230 |
| 235 | | | | 2 | 2.1 | | | | | | | | | | 1.8 | | | | | | | 235 |
| 240 | | | | | 1.9 | | | | | | | | | | | | | | | | | 240 |

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Lifting capacities Forces de levage

TVNZK



| | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | 197 ft + 46 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° | |
| 14 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 8.8 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 8.7 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 8.6 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 8.6 | 8.8 | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 8.5 | 8.7 | | | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 8.3 | 8.5 | 8.2 | | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 8.1 | 8.3 | 8.2 | | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 7.9 | 8.1 | 8.2 | | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 7.7 | 7.9 | 8.1 | 8.9 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 7.2 | 7.4 | 7.5 | 8.9 | | | 7.8 | | | 8 | | | | | | | | | | | | | | | 45 |
| 50 | 6.8 | 6.9 | 7 | 8.9 | | | 7.8 | | | 7.9 | | | 6.9 | | | 6.9 | | | | | | | | | 50 |
| 55 | 6.3 | 6.4 | 6.6 | 8.8 | 8.8 | | 7.7 | | | 7.9 | | | 6.9 | | | 6.9 | | | 6 | | | 5.8 | | | 55 |
| 60 | 5.9 | 6 | 6.2 | 8.7 | 8.6 | | 7.7 | 7.8 | | 7.9 | 7.9 | | 6.9 | | | 6.9 | | | 6 | 6 | | 5.8 | | | 60 |
| 65 | 5.6 | 5.7 | 5.8 | 8.6 | 8.4 | 8.1 | 7.6 | 7.7 | | 7.8 | 7.9 | | 6.8 | 6.9 | | 6.9 | 6.9 | | 6 | 6 | | 5.8 | | | 65 |
| 70 | 5.3 | 5.4 | 5.5 | 8.4 | 8.1 | 7.8 | 7.6 | 7.5 | 7.3 | 7.7 | 7.7 | 7.6 | 6.8 | 6.9 | | 6.8 | 6.9 | | 6 | 6 | | 5.8 | 5.8 | | 70 |
| 75 | 5 | 5 | 5.1 | 8.1 | 7.8 | 7.6 | 7.4 | 7.2 | 7.1 | 7.3 | 7.6 | 7.4 | 6.7 | 6.9 | 6.8 | 6 | 6.9 | 6.9 | 5.5 | 6 | | 5.3 | 5.8 | | 75 |
| 80 | 4.6 | 4.8 | 4.9 | 7.3 | 7.6 | 7.3 | 7 | 7 | 6.9 | 6.2 | 7.3 | 7.1 | 5.8 | 6.7 | 6.6 | 4.9 | 6.2 | 6.8 | 4.5 | 5.8 | 6 | 4.2 | 5.5 | 5.8 | 80 |
| 85 | 4.2 | 4.5 | 4.6 | 6.3 | 7.2 | 7.1 | 5.9 | 6.7 | 6.7 | 5.2 | 6.4 | 6.9 | 4.8 | 6 | 6.4 | 3.9 | 5.2 | 6.3 | 3.5 | 4.8 | 5.7 | 3.3 | 4.6 | 5.6 | 85 |
| 90 | 3.8 | 4.1 | 4.3 | 5.3 | 6.4 | 6.9 | 4.9 | 6.1 | 6.4 | 4.2 | 5.4 | 6.4 | 3.9 | 5 | 5.9 | 2.7 | 4.2 | 5.2 | | 3.9 | 4.9 | | 3.7 | 4.7 | 90 |
| 95 | 3.5 | 3.7 | 3.9 | 4.4 | 5.5 | 6.2 | 4 | 5.1 | 6 | 3.3 | 4.5 | 5.4 | 3 | 4.2 | 5 | | 3.3 | 4.3 | | 3 | 4 | | 2.8 | 3.8 | 95 |
| 100 | 3.1 | 3.3 | 3.4 | 3.5 | 4.5 | 5.4 | 3.2 | 4.3 | 5.1 | 2.3 | 3.6 | 4.5 | 1.9 | 3.4 | 4.2 | | 2.2 | 3.4 | | | 3.1 | | 2.9 | 100 | |
| 105 | 2.8 | 3 | 3 | 2.7 | 3.7 | 4.5 | 2.3 | 3.4 | 4.2 | | 2.8 | 3.6 | | 2.4 | 3.4 | | 2.4 | | | | | | 2 | 105 | |
| 110 | 2.6 | 2.7 | 3 | 1.8 | 3 | 3.7 | | 2.7 | 3.4 | | 1.8 | 2.8 | | | 2.6 | | | | | | | | | | 110 |
| 115 | 2.4 | | | | 2.2 | 2.9 | | 1.8 | 2.7 | | | 2 | | | | | | | | | | | | | 115 |
| 120 | | | | | 2.2 | | | | 1.9 | | | | | | | | | | | | | | | | 120 |

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Lifting capacities Forces de levage

TVNZK

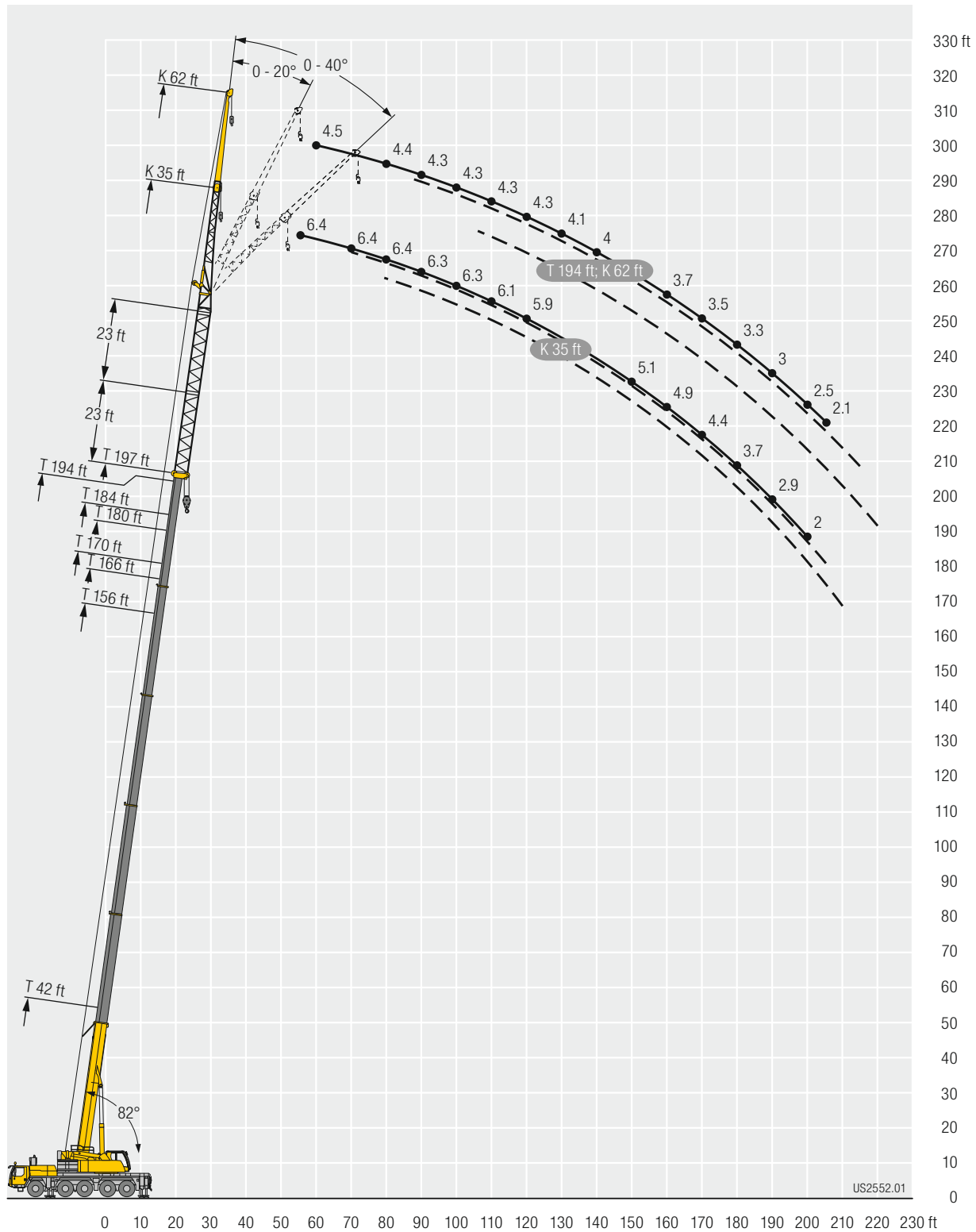


| | 42 ft + 46 ft | | | 156 ft + 46 ft | | | 166 ft + 46 ft | | | 170 ft + 46 ft | | | 180 ft + 46 ft | | | 184 ft + 46 ft | | | 194 ft + 46 ft | | | | | | | |
|-----|---------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|-----|-----|----|-----|
| | 62 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° | | |
| 18 | 6 | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 19 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 5.9 | | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 5.8 | 6 | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 5.6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 5.6 | 5.8 | | 6 | | | 5.3 | | | 5.3 | | | | | | | | | | | | | | | | 50 |
| 55 | 5.3 | 5.5 | 5.3 | 6 | | | 5.3 | | | 5.3 | | | 4.6 | | | 4.7 | | | | | | | | | | 55 |
| 60 | 5 | 5.2 | 5.3 | 5.9 | | | 5.2 | | | 5.3 | | | 4.7 | | | 4.7 | | | | | | 3.9 | | | | 60 |
| 65 | 4.7 | 4.9 | 5.1 | 5.9 | | | 5.2 | | | 5.3 | | | 4.6 | | | 4.7 | | | | | | 4 | | | | 65 |
| 70 | 4.4 | 4.6 | 4.8 | 5.9 | | | 5.2 | | | 5.3 | | | 4.6 | | | 4.6 | | | | | | 4 | | | | 70 |
| 75 | 4.2 | 4.4 | 4.6 | 5.8 | 5.9 | | 5.2 | | | 5.3 | | | 4.6 | | | 4.6 | | | | | | 4 | | | | 75 |
| 80 | 4 | 4.1 | 4.3 | 5.8 | 5.8 | | 5.1 | 5.3 | | 5.2 | 5.3 | | 4.6 | 4.7 | | 4.6 | 4.7 | | | | 4 | | | | | 80 |
| 85 | 3.7 | 3.9 | 4.1 | 5.6 | 5.6 | | 5.1 | 5.2 | | 5.1 | 5.3 | | 4.4 | 4.7 | | 3.9 | 4.7 | | | | 3.5 | 4.1 | | | | 85 |
| 90 | 3.5 | 3.7 | 3.8 | 5.2 | 5.4 | 5.3 | 4.8 | 5.1 | | 4.3 | 5.2 | | 3.9 | 4.7 | | 3.1 | 4.7 | | | | | 4.1 | | | | 90 |
| 95 | 3.4 | 3.5 | 3.6 | 4.6 | 5.3 | 5.1 | 4.1 | 4.9 | 4.8 | 3.6 | 5.1 | 5 | 3.1 | 4.6 | | | 4.3 | | | | | 3.9 | | | | 95 |
| 100 | 3.2 | 3.3 | 3.4 | 3.8 | 5.1 | 5 | 3.4 | 4.8 | 4.7 | 2.7 | 4.6 | 4.8 | 2.3 | 4.2 | 4.5 | | 3.5 | 4.6 | | | | 3.2 | 4.6 | | | 100 |
| 105 | 3 | 3.1 | 3.3 | 3 | 4.6 | 4.8 | 2.7 | 4.4 | 4.5 | 1.8 | 3.9 | 4.7 | | 3.5 | 4.4 | | 2.8 | 4.3 | | | | 2.4 | 4 | | | 105 |
| 110 | 2.8 | 3 | 3.1 | 2.3 | 4 | 4.6 | 1.8 | 3.7 | 4.4 | | 3.2 | 4.4 | | 2.8 | 4.2 | | 1.9 | 3.6 | | | | | 3.3 | | | 110 |
| 115 | 2.6 | 2.8 | 3 | | 3.4 | 4.5 | | 3 | 4.2 | | 2.4 | 3.8 | | 2 | 3.5 | | | 2.9 | | | | | 2.6 | | | 115 |
| 120 | 2.3 | 2.6 | 2.8 | | 2.6 | 3.9 | | 2.3 | 3.6 | | | 3.1 | | | 2.9 | | | 2.2 | | | | | | | | 120 |
| 125 | 2.3 | 2.4 | 2.5 | | 1.9 | 3.3 | | | 3 | | | 2.5 | | | 2.2 | | | | | | | | | | | 125 |
| 130 | 2.3 | 2.3 | 2.1 | | | 2.6 | | | 2.3 | | | | | | | | | | | | | | | | | 130 |
| 135 | 2.3 | 2.3 | 1.9 | | | 1.9 | | | | | | | | | | | | | | | | | | | | 135 |
| 140 | 2.3 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | 140 |

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Lifting heights Hauteurs de levage

TVNZK



Lifting capacities Forces de levage

TK



| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| | 9.5 ft | | | | | | | | | | | | | | |
| 12 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 12 |
| 13 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 13 |
| 14 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 14 |
| 15 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | 15 |
| 16 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | 16 |
| 17 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 17 |
| 18 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 18 |
| 19 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 19 |
| 20 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | 20 |
| 22 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | 22 |
| 24 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 67.4 | | | | | | | | 24 |
| 26 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 66.5 | | | | | | | | 26 |
| 28 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 65.5 | 52.2 | | | | | | | 28 |
| 30 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 64.4 | 51.6 | | | | | | | 30 |
| 32 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 73.2 | 63.2 | 50.9 | 38.7 | | | | | | 32 |
| 34 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 70.5 | 61.8 | 50.2 | 38.7 | | | | | | 34 |
| 36 | 73.9 | 76.2 | 76.2 | 76.2 | 76.2 | 67.8 | 60.2 | 49.5 | 38.7 | 30 | 34 | | | | 36 |
| 38 | 69.8 | 76.2 | 76.2 | 76.2 | 76.2 | 65.2 | 58.5 | 48.7 | 38.7 | 29.6 | 33.7 | 26 | | | 38 |
| 40 | 65.4 | 76.2 | 76.2 | 75.3 | 73.6 | 63.2 | 56.6 | 47.6 | 38.7 | 29.1 | 33.5 | 26 | 26.7 | | 40 |
| 45 | | 69.2 | 69.4 | 68.8 | 66.3 | 59.7 | 51.9 | 44.6 | 37.6 | 27.6 | 32.4 | 25.8 | 26.6 | 19.5 | 45 |
| 50 | | 60.4 | 60.6 | 60 | 58.2 | 56.5 | 48.1 | 41.3 | 35.7 | 26.1 | 30.9 | 25.1 | 26 | 19.5 | 50 |
| 55 | | 52.5 | 53.6 | 53 | 51.5 | 51.1 | 44.5 | 38.5 | 33.5 | 24.7 | 29.2 | 24 | 25.1 | 19.5 | 55 |
| 60 | | | 47.6 | 47 | 48 | 45.6 | 41.2 | 35.8 | 31.5 | 23.3 | 27.7 | 22.9 | 24 | 19.5 | 60 |
| 65 | | | 42.5 | 43.2 | 43.1 | 41 | 38.2 | 33.3 | 29.5 | 22 | 26.2 | 21.8 | 22.9 | 19.1 | 65 |
| 70 | | | 37.7 | 39.5 | 38.7 | 37 | 34.6 | 31.2 | 27.6 | 20.8 | 24.9 | 20.7 | 21.7 | 18.4 | 70 |
| 75 | | | | 35.7 | 35 | 33.6 | 31.9 | 29.2 | 25.9 | 19.6 | 23.5 | 19.7 | 20.7 | 17.8 | 75 |
| 80 | | | | 32.5 | 31.8 | 30.6 | 29.4 | 27.3 | 24.4 | 18.4 | 22.3 | 18.6 | 19.7 | 17.1 | 80 |
| 85 | | | | 27.4 | 29 | 27.8 | 27.8 | 25.1 | 22.9 | 17.3 | 21 | 17.7 | 18.8 | 16.4 | 85 |
| 90 | | | | | 26.5 | 25.3 | 26.2 | 22.9 | 21.6 | 16.2 | 19.8 | 16.7 | 17.9 | 15.7 | 90 |
| 95 | | | | | 24.3 | 23.9 | 24 | 21.6 | 20.4 | 15.3 | 18.7 | 15.8 | 17.1 | 15 | 95 |
| 100 | | | | | 20.1 | 22.9 | 22.1 | 20.3 | 19 | 14.4 | 17.7 | 15 | 16.3 | 14.2 | 100 |
| 105 | | | | | | 21.4 | 20.3 | 18.8 | 17.4 | 13.6 | 16.7 | 14.2 | 15.5 | 13.5 | 105 |
| 110 | | | | | | 19.8 | 18.6 | 17.8 | 16.2 | 12.8 | 15.8 | 13.5 | 14.7 | 12.8 | 110 |
| 115 | | | | | | 13 | 17.1 | 17.1 | 15.4 | 12.1 | 14.8 | 12.8 | 14 | 12.2 | 115 |
| 120 | | | | | | | 15.8 | 16.1 | 14.7 | 11.4 | 13.7 | 12.2 | 13.3 | 11.5 | 120 |
| 125 | | | | | | | 14.9 | 14.9 | 13.9 | 10.8 | 12.6 | 11.6 | 12.6 | 10.9 | 125 |
| 130 | | | | | | | | 13.7 | 13.3 | 10.2 | 12.1 | 11 | 11.8 | 10.3 | 130 |
| 135 | | | | | | | | 12.7 | 12.6 | 9.7 | 11.5 | 10.5 | 11 | 9.8 | 135 |
| 140 | | | | | | | | 11.5 | 11.7 | 9.2 | 11 | 10 | 10.2 | 9.3 | 140 |
| 145 | | | | | | | | | 10.8 | 8.8 | 10.3 | 9.6 | 9.3 | 8.9 | 145 |
| 150 | | | | | | | | | 10 | 8.4 | 9.5 | 9.2 | 8.5 | 8.4 | 150 |
| 155 | | | | | | | | | 9 | 8.1 | 8.7 | 8.7 | 7.7 | 7.9 | 155 |
| 160 | | | | | | | | | | 7.8 | 8 | 8.1 | 7 | 7.1 | 160 |
| 165 | | | | | | | | | | 7.5 | 7.3 | 7.4 | 6.3 | 6.4 | 165 |
| 170 | | | | | | | | | | | 6.4 | 6.7 | 5.7 | 5.8 | 170 |
| 175 | | | | | | | | | | | | 6.2 | 5.1 | 5.2 | 175 |
| 180 | | | | | | | | | | | | 5.3 | 4.5 | 4.6 | 180 |
| 185 | | | | | | | | | | | | | 3.8 | 4 | 185 |
| 190 | | | | | | | | | | | | | | 3.5 | 190 |
| 195 | | | | | | | | | | | | | | 3.1 | 195 |

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Lifting capacities Forces de levage

TK

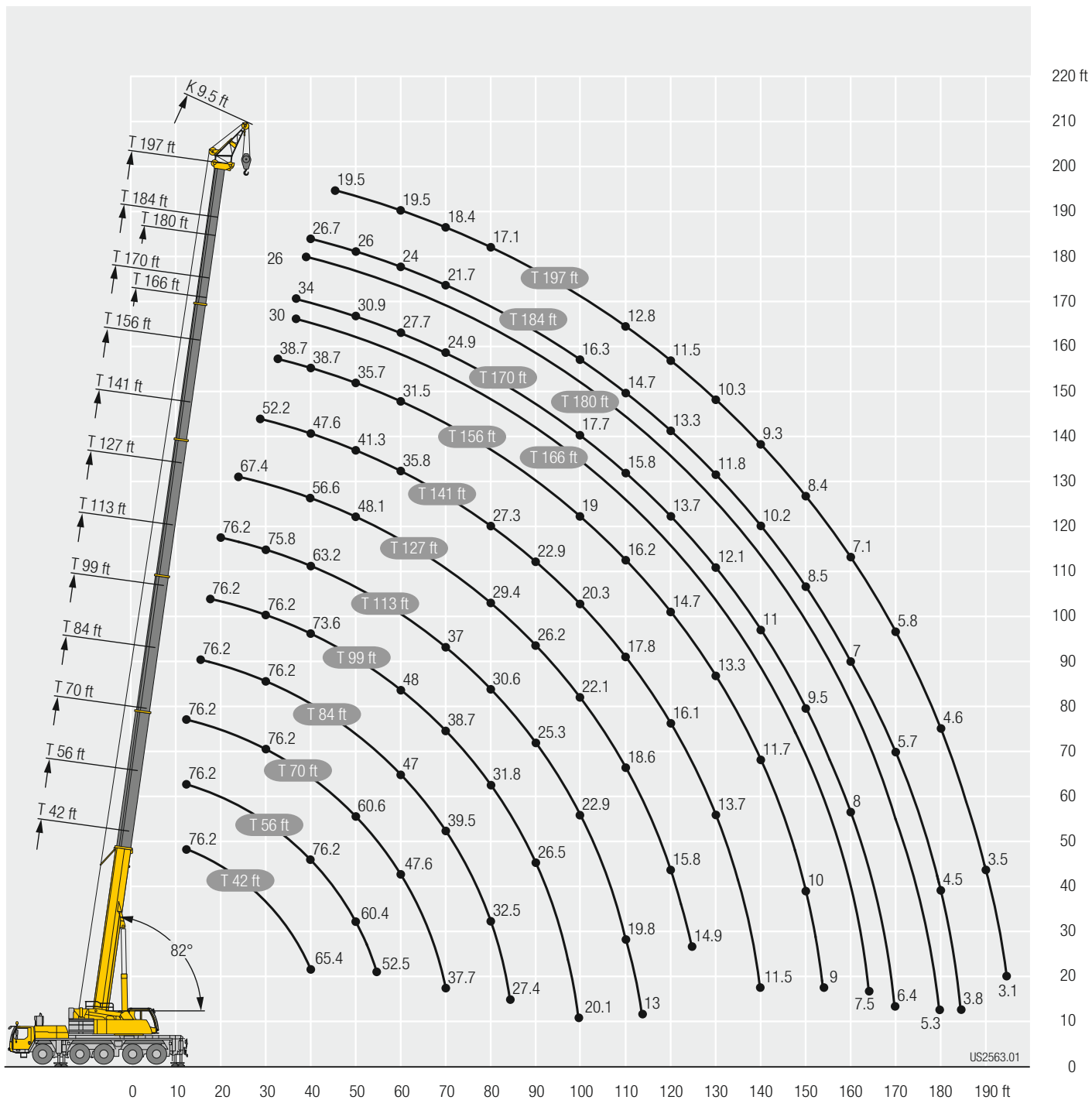


| | 42 ft | 56 ft | 70 ft | 84 ft | 99 ft | 113 ft | 127 ft | 141 ft | 156 ft | 166 ft | 170 ft | 180 ft | 184 ft | 197 ft | |
|-----|---------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| | 9.5 ft | | | | | | | | | | | | | | |
| 12 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 12 |
| 13 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 13 |
| 14 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | | 14 |
| 15 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | 15 |
| 16 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | | 16 |
| 17 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 17 |
| 18 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 18 |
| 19 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | | | | | | | | | | 19 |
| 20 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 73.7 | | | | | | | | | 20 |
| 22 | 76.2 | 76.2 | 76.2 | 76.2 | 75.7 | 71.4 | | | | | | | | | 22 |
| 24 | 76.2 | 76.2 | 76.2 | 75 | 69.7 | 66.2 | 60.7 | | | | | | | | 24 |
| 26 | 76.1 | 75.6 | 72.3 | 66.7 | 64.4 | 59.7 | 55.3 | | | | | | | | 26 |
| 28 | 71.6 | 68.3 | 64.3 | 62.1 | 58 | 54.1 | 50 | 45.8 | | | | | | | 28 |
| 30 | 62.3 | 61.1 | 58.3 | 56.5 | 52.6 | 50 | 46.7 | 43.6 | | | | | | | 30 |
| 32 | 55 | 55.2 | 54.1 | 51.6 | 48.3 | 45.6 | 43.4 | 39.8 | 36.3 | | | | | | 32 |
| 34 | 48.8 | 49.8 | 49.7 | 47.1 | 44.3 | 43.2 | 40 | 37.5 | 34.4 | | | | | | 34 |
| 36 | 43.6 | 45.5 | 45.6 | 43.2 | 41.5 | 39.9 | 37.6 | 35.3 | 33 | 27.3 | 30.3 | | | | 36 |
| 38 | 39.2 | 41.2 | 41.9 | 39.9 | 39.3 | 36.9 | 34.7 | 33 | 30.5 | 26.9 | 28.2 | 23.6 | | | 38 |
| 40 | 35.4 | 37.4 | 38.4 | 36.9 | 36.8 | 34.3 | 33.2 | 30.6 | 29.3 | 26.5 | 27.3 | 23.6 | 24.1 | | 40 |
| 45 | | 30.1 | 31 | 32.2 | 30.8 | 29.7 | 28.4 | 27.1 | 25.3 | 24.5 | 23.5 | 22.8 | 21.3 | 18.3 | 45 |
| 50 | | 24.7 | 25.7 | 26.7 | 26.3 | 25.7 | 24.2 | 23.1 | 21.5 | 21 | 19.9 | 19.2 | 17.8 | 17.1 | 50 |
| 55 | | 20.5 | 21.6 | 22.5 | 22.6 | 22.1 | 20.8 | 19.9 | 18.4 | 17.9 | 16.9 | 16.4 | 15 | 14.4 | 55 |
| 60 | | | 18.3 | 19.2 | 19.3 | 19.2 | 18 | 17.2 | 15.7 | 15.4 | 14.4 | 13.9 | 12.6 | 12.2 | 60 |
| 65 | | | 15.6 | 16.6 | 16.6 | 16.7 | 15.6 | 14.9 | 13.5 | 13.3 | 12.3 | 12 | 10.7 | 10.2 | 65 |
| 70 | | | 13.4 | 14.3 | 14.4 | 14.5 | 13.6 | 12.9 | 11.6 | 11.4 | 10.5 | 10.2 | 8.9 | 8.7 | 70 |
| 75 | | | | 12.4 | 12.5 | 12.5 | 11.9 | 11.2 | 10 | 9.8 | 8.9 | 8.6 | 7.5 | 7.2 | 75 |
| 80 | | | | 10.7 | 10.8 | 10.9 | 10.3 | 9.8 | 8.6 | 8.4 | 7.5 | 7.3 | 6.2 | 6 | 80 |
| 85 | | | | 9.3 | 9.3 | 9.4 | 8.9 | 8.5 | 7.3 | 7.1 | 6.3 | 6.2 | 5 | 4.9 | 85 |
| 90 | | | | | 8 | 8.1 | 7.7 | 7.3 | 6.2 | 6.1 | 5.2 | 5.2 | 3.9 | 3.9 | 90 |
| 95 | | | | | 7 | 7 | 6.5 | 6.3 | 5.2 | 5.1 | 4.3 | 4.2 | 2.9 | 3 | 95 |
| 100 | | | | | 6 | 6.1 | 5.6 | 5.4 | 4.3 | 4.2 | 3.4 | 3.3 | | | 100 |
| 105 | | | | | | 5.2 | 4.7 | 4.5 | 3.5 | 3.4 | 2.5 | 2.4 | | | 105 |
| 110 | | | | | | 4.4 | 3.9 | 3.7 | 2.7 | 2.6 | | | | | 110 |
| 115 | | | | | | 3.8 | 3.2 | 3 | | | | | | | 115 |
| 120 | | | | | | | 2.6 | 2.2 | | | | | | | 120 |

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Lifting heights Hauteurs de levage

TK



Equipment Equipment

Crane carrier

| | |
|--------------------------|--|
| Frame | Liebherr designed and manufactured, box-type, torsion resistant design of hightensile fine grained structural steel. |
| Outriggers | 4-point supporting system, hydraulically telescopable into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display. |
| Engine | 6-cylinder Diesel, make Liebherr, watercooled, output 400 kW (544 h.p.), max. torque 1856 lbs-ft. Exhaust emissions acc. to (EU) 2016/1628, EPA/CARB or ECE-R.96. Fuel reservoir: 127 gallons. |
| Transmission | ZF 12-speed gear box with automatic control system. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential. |
| Axles | Low maintenance carrier axles, all 5 axles steered. Axle 2, 4 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 4 with longitudinal differential lock. |
| Cardan shaft | All cardan shafts with 70° diagonal toothing and maintenance free. |
| Suspension | All axles are mounted on hydropneumatic suspension – “Niveaumatik suspension” and are lockable hydraulically. |
| Tyres | 10 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. Parking brake: Spring brake actuator, acting on the wheels of the 2nd to 5th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. |
| Driver's cab | Spacious corrosion resistant with comfort furnishings, mounted on rubber shock absorbers, safety glazing. |
| 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 908 lbs-ft. Exhaust emissions acc. to 97/68/EG, EPA/CARB, ECE-R.96. Fuel reservoir: 66 gallons. |
| Crane drive | Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. |
| 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, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake. |
| Luffing gear | 1 differential ram with pilot-controlled brake valve. |
| Slewing gear | Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as a 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 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system TELEMATIK. Boom length: 42 ft – 197 ft. |
| Counterweight | 64,600 lbs |
| Electrical system | Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each. |

Operating modes

| | |
|------------|--|
| K | Erection jib 9.5 ft Double swing-away jib 35 ft – 62 ft Adjustment 0°, 20°, 40° |
| NZK | Hydraulically adjustable swing-away jib 35 ft – 62 ft Hydraulically adjustment 0° – 40° |
| V | Telescopic boom extension 2 x 23 ft |

Additional equipment

| | |
|----------------------------------|--|
| 2nd hoist gear | For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved. |
| Additional counterweight | 28,000 lbs for a total counterweight of 92,600 lbs. |
| Tyres | 10 tyres, size and 525/80 R 25 (20.5 R 25). |
| Drive 10 x 8 | Additional drive of the 1st axle. |
| Lift cab | Telescopic crane cab offers best visibility and high safety. Eye level 26.6 ft. |

Other items of equipment available on request.

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

Equipment Équipement

Châssis porteur

| | |
|--------------------------------|---|
| Cadre | Fabrication Liebherr, construction en caisson indéformable, en acier à haute résistance à grains fins. |
| 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 400 kW (544 ch), couple max. 1856 lbs-ft. Émissions des gaz d'échappement conformes au directive (EU) 2016/1628, EPA/CARB ou ECE-R.96. Capacité du réservoir à carburant: 127 gallons. |
| Boîte de vitesse | Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande. 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 5 essieux sont directeurs. Les essieux 2, 4 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 4 avec différentiel longitudinal. |
| Arbres articulés | Tous les flasques de croisillons avec denture en croix 70° et sans entretien. |
| Suspension | Suspension hydropneumatique «Niveumatik» – sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement. |
| Pneumatiques | 10 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: ressort accumulé agissant sur les roues des essieux 2 à 5. Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur hydrodynamique accouplé à la boîte de vitesses. |
| Cabine | Spacieuse cabine, traitement anticorrosion, équipement «grand confort», suspension par silentbloks, 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. 908 lbs-ft. Émissions des gaz d'échappement conformes aux directives 97/68/EG, EPA/CARB, ECE-R.96. Capacité du réservoir à carburant: 66 gallons. |
| Entraînement | Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. |
| 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 de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort. |
| Mécanisme de relevage | 1 vérin différentiel avec clapet de frein commandé. |
| Dispositif de rotation | Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort. Orientation de série commutable en circuit hydraulique ouvert ou fermé (freinage automatique ou au pied). |
| 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 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, TELEMATIK. Longueur de flèche: 42 ft – 197 ft. |
| Contrepoids | 64,600 lbs |
| Installation électrique | Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune. |

Modes de fonctionnement

| | |
|------------|--|
| K | Flechette de montage 9,5 ft Double flechette pliante 35 ft – 62 ft Positionnement à 0°, 20°, 40° |
| NZK | Flechette pliante à positionnement hydraulique 35 ft – 62 ft Positionnement hydraulique à 0° – 40° |
| V | Rallonge flèche télescopique 2 x 23 ft |

Équipement supplémentaire

| | |
|---------------------------------|---|
| 2ème mécanisme de levage | Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec flechette pliante lorsque le câble de levage principal rest mouflé. |
| Contrepoids additionnel | 28,000 lbs pour un contrepois total de 92,600 lbs. |
| Pneumatiques | 10 pneus. Taille: 525/80 R 25 (20.5 R 25). |
| Entraînement 10 x 8 | Essieu 1 est entraîné additionnellement. |
| Cabine élévatrice | La cabine de grue télescopable offre un meilleur champ de vision et une sécurité accrue, hauteur des yeux 26.6 ft. |
































Autres équipements supplémentaires sur demande.

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

Description of symbols

Explication des symboles

General symbols/Symboles généraux

| | | | |
|---|--|---|---|
|  | Max. capacity Capacité max. |  | infinitely variable en continu |
|  | Max. lifting capacity Capacité max. |  | Rope diameter Diamètre |
|  | Max. radius Portée max. |  | Rope length Longueur du câble |
|  | Tyres Pneumatiques |  | Max. single line pull Effort au brin maxi. |
|  | Hookblock / Capacity Moufle à crochet / Capacité de charge |  | Hoist gear Treuil de levage |
|  | No. of sheaves Poulies |  | Slewing speeds Vitesses d'orientation |
|  | No. of lines Brins |  | Boom length Longueur de la flèche |
|  | Weight Poids |  | Boom position Position de la flèche |
|  | Crane carrier Châssis porteur |  | Counterweight Contrepoids |
|  | Driving speed Vitesse de translation |  | Axle Essieu |
|  | Gradability Aptitude à gravir les pentes |  | Page Page |
|  | Transmission Boîte de vitesse |  | Outriggers Calage |
|  | Gear Vitesse |  | Slewing gear / Working area Mécanisme d'orientation / Plage de travail |
|  | Driving speed – Onroad gear Vitesse de translation – Vitesse de route |  | Standard Norme |
|  | Driving speed – Crawl speed Vitesse de translation – Marche lente |  | Radius Portée |
|  | Crane superstructure Partie tournante de la grue | | |

Description of symbols Explication des symboles

Crane specific symbols/ Symboles spécifiques à la grue



Telescopic boom
Flèche télescopique



Swing away jib
Fléchette pliante



Telescopic boom extension
Rallonge flèche télescopique



Hydraulic swing away jib
Fléchette pliante hydraulique



Erection jib
Fléchette de montage

Remarks

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 30 ft/s (9 m/s, 20 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centre.
7. The stated lengths of the telescopic boom are maximum values and may deviate slightly.
8. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
9. Subject to modification of lifting capacities.
10. Lifting capacities above 182,100 lbs/242,500 lbs only with additional pulley block/special equipment.
11. 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

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 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Forces de levage pour application de grue de montage (correspond à la classification de grues selon ISO 4301-1, groupe de grues A1).
4. Les forces de levage sont données en kips.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les longueurs indiquées pour la flèche télescopique sont des valeurs maximales et peuvent légèrement varier dans la réalité.
8. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
9. Charges données sous réserve de modification.
10. Forces de levage plus de 182,100 lbs/242,500 lbs seulement avec moufle additionnel/équipement supplémentaire.
11. 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.

Proposition 65



WARNING: This product can expose you to chemicals, including exhaust emissions, including lead and lead compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm.
For more information see: www.P65warnings.ca.gov/diesel

Subject to modification / Sous réserve de modifications