
A real power pack, but flexible as well!

LTM 1350-6.1

Mobile crane
Grue mobile

LIEBHERR

Mobile and crawler cranes



400 US t



230 ft



310 ft



439 ft



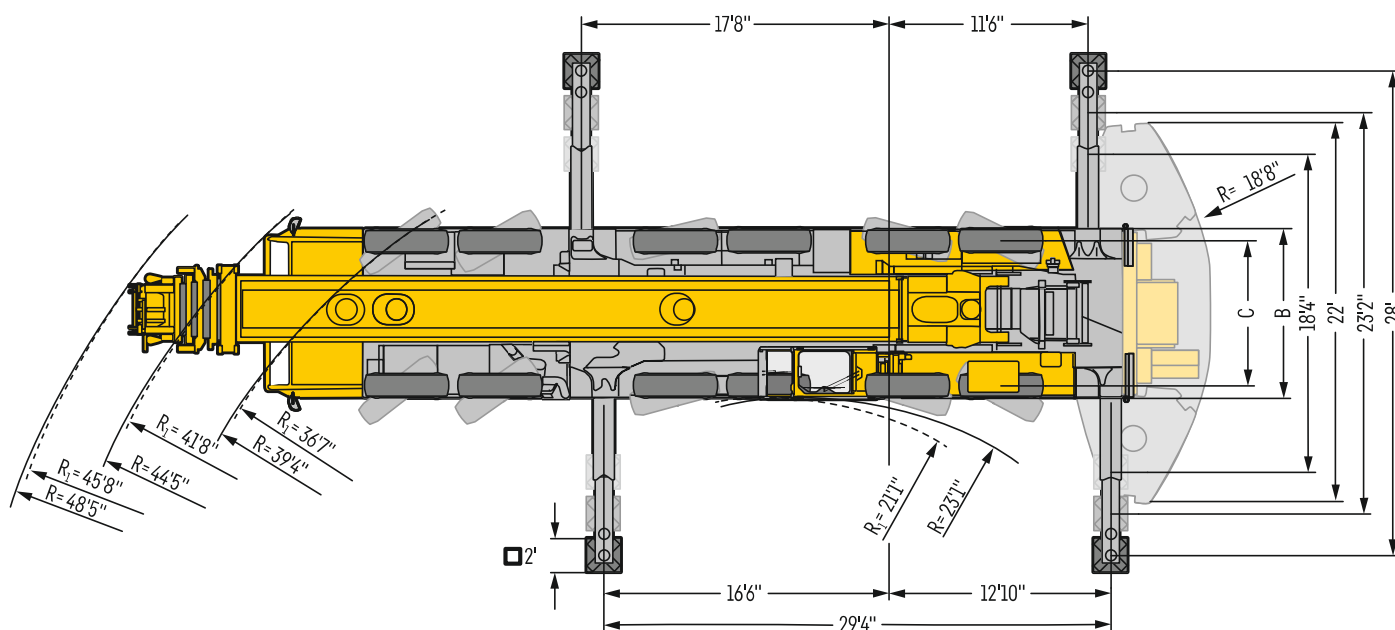
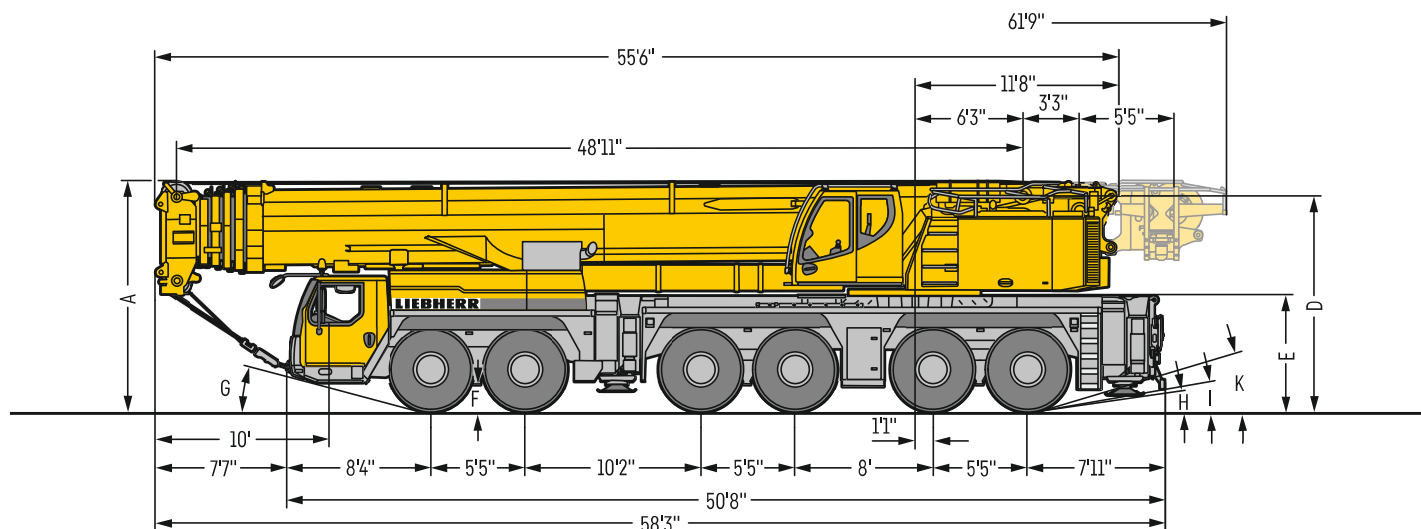
Technical data

Caractéristiques technique

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Dimensions

Encombrement



R_1 = All-wheel steering · Direction toutes roues

US2271.06

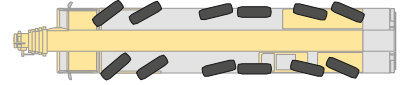
Dimensions · Encombrement

| | A | A 5" * | B | C | D | E | F | G | H | I | K |
|--------------------------|-------|-----------|-------|------|-------|------|------|-----|----|-----|-----|
| 445/95 R 25 (16.00 R 25) | 13'1" | 12'9" | 9'10" | 8'4" | 12'4" | 6'7" | 1'4" | 14° | 9° | 10° | 15° |
| 525/80 R 25 (20.5 R 25) | 13'1" | 12'9" | 10'2" | 8'5" | 12'4" | 6'7" | 1'4" | 14° | 9° | 10° | 15° |

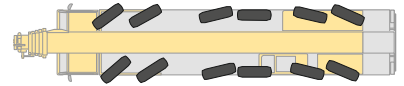
* lowered · abaissé

LTM 1350-6.1

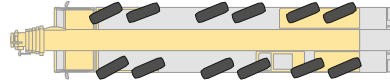
P1 Road steering
Direction sur route



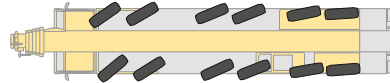
P2 All-wheel steering
Direction toutes roues



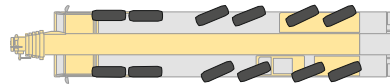
P3 Crab steering
Direction marche en crabe



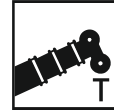
P4 Reduced swing out
Direction sans déboîtement



P5 Independent rear axle steering
Direction de l'essieu arrière indépendante



S3500



230 ft



39 ft - 256 ft



20 ft - 138 ft



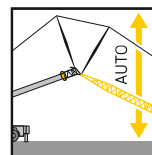
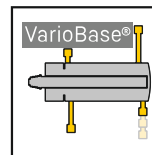
308,600 lb



455 kW (619 h.p.)







180 kW (245 h.p.)



Crane data









Dates de la grue

Hook block - Moufles à crochet

|  |  |  |  |
|---|---|---|---|
| 469,500 lb | 12 | 24 (20) | 7,500 lb |
| 343,900 lb | 7 | 14 | 4,850 lb |
| 275,600 lb | 5 | 11 | 3,530 lb |
| 176,400 lb | 3 | 7 | 2,200 lb / 6,620 lb* |
| 79,800 lb | 1 | 3 | 2,200 lb |
| 26,900 lb | - | 1 | 1,320 lb |




* only necessary for operation with 39 ft luffing fly jib - nécessaire uniquement en cas de fonctionnement avec la fléchette à volée variable de 39 ft

Crane carrier - Châssis porteur










|  |  min. мин. |  max. макс. |  % |  |  |
|---|--|---|---|---|---|
| 445/95 R 25 (16.00 R 25) | 1.5 | 53 | 50.9 % |  | 12 / R2 |
| 525/80 R 25 (20.5 R 25) | 1.5 | 53 | 50.9 % |  | 4 / R2 |

Theoretical gradeability - aptitude théorique en pente

Max. supporting forces - Forces d'appui max.

|  |  |  |
|---|---|---|
| F _{max}  | 246,000 lb | 305,000 lb |

Crane superstructure - Partie tournante

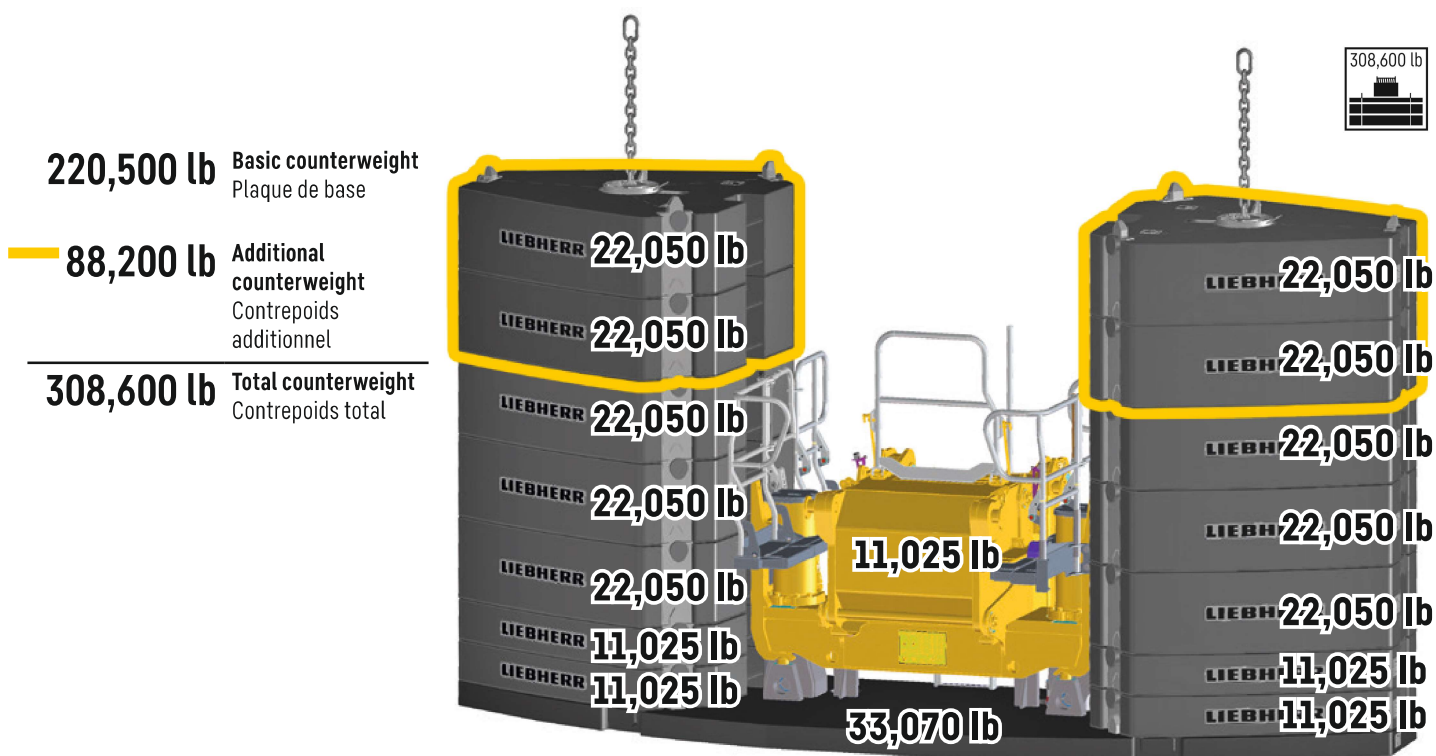
|  |  |  |  |
|--|---|---|---|
|  0 - 446 ft/min single line - au brin simple | 23 mm | 1148 ft | 27,425 lb |
|  0 - 459 ft/min single line - au brin simple | 23 mm | 2067 ft | 27,425 lb |
|  0 - 1.1 rpm | | | |
|  approx. 75 seconds to reach 84° boom angle env. 75 s jusqu'à 84° | | | |
|  approx. 533 seconds for boom extension from 49 ft - 230 ft env. 533 s pour passer de 49 ft - 230 ft | | | |

Counterweight Contrepoids

Mounting of counterweight – only a matter of minutes

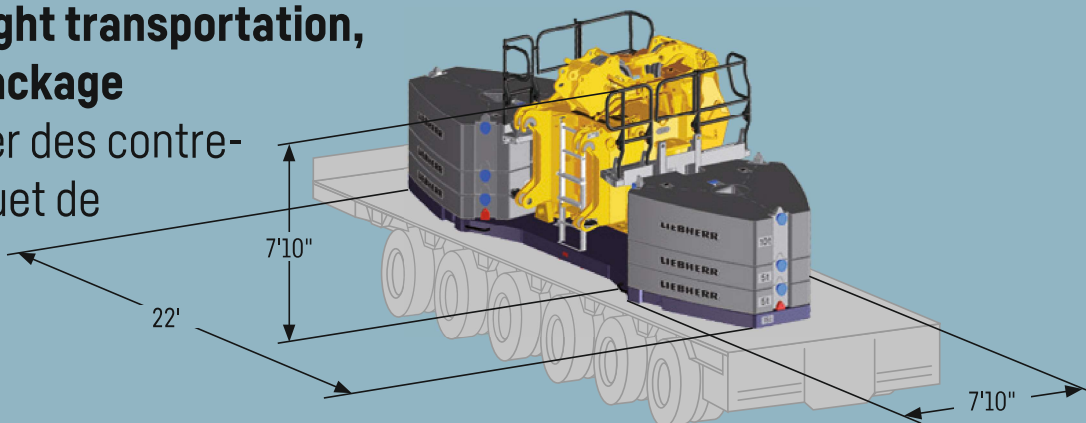
La mise en place du contrepoids : une affaire de minutes

- Hydraulic ballasting device at counterweight frame
- Hoist gear 2 (option) mountable at the counterweight frame without assisting crane
- Dispositif de lestage hydraulique sur le bâti de contrepoids
- Treuil de levage 2 (en option) pouvant être monté sur le bâti de contrepoids sans grue supplémentaire



Easy counterweight transportation, e.g. 138,900 lb package

Transport simplifier des contrepoids, par ex. paquet de 138,900 lb



High capacities and flexible boom system

Forces de levage élevées et système de flèche flexible

Powerful, long telescopic boom and functional lattice extensions

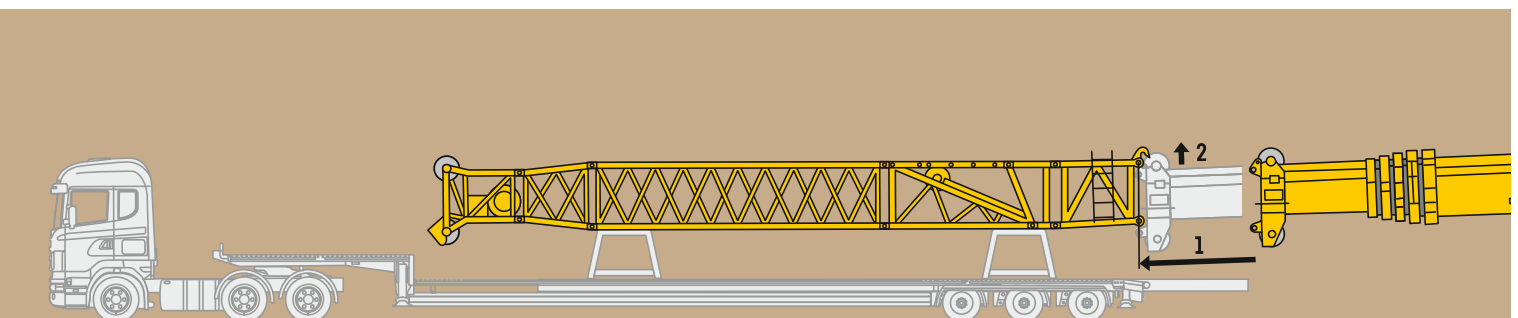
Longue et puissante flèche télescopique, extensions en treillis fonctionnelles

- **Stepless interpolation of capacities during luffing of the boom combination between 82° and 68° telescopic boom angle**
- **Y-telescopic boom suspension, self assembly**
- Interpolation continue de la capacité de charge lors du relevage/abaissement de la combinaison de flèche entre l'inclinaison de flèche télescopique 82° et 68°
- Haubanage Y de la flèche télescopique, montage autonome

High capacities with full counterweight as well as with partial counterweight offer a wide application of operations

Les forces de levage élevées aussi bien avec un contrepoids total que partiel offrent un large domaine d'application

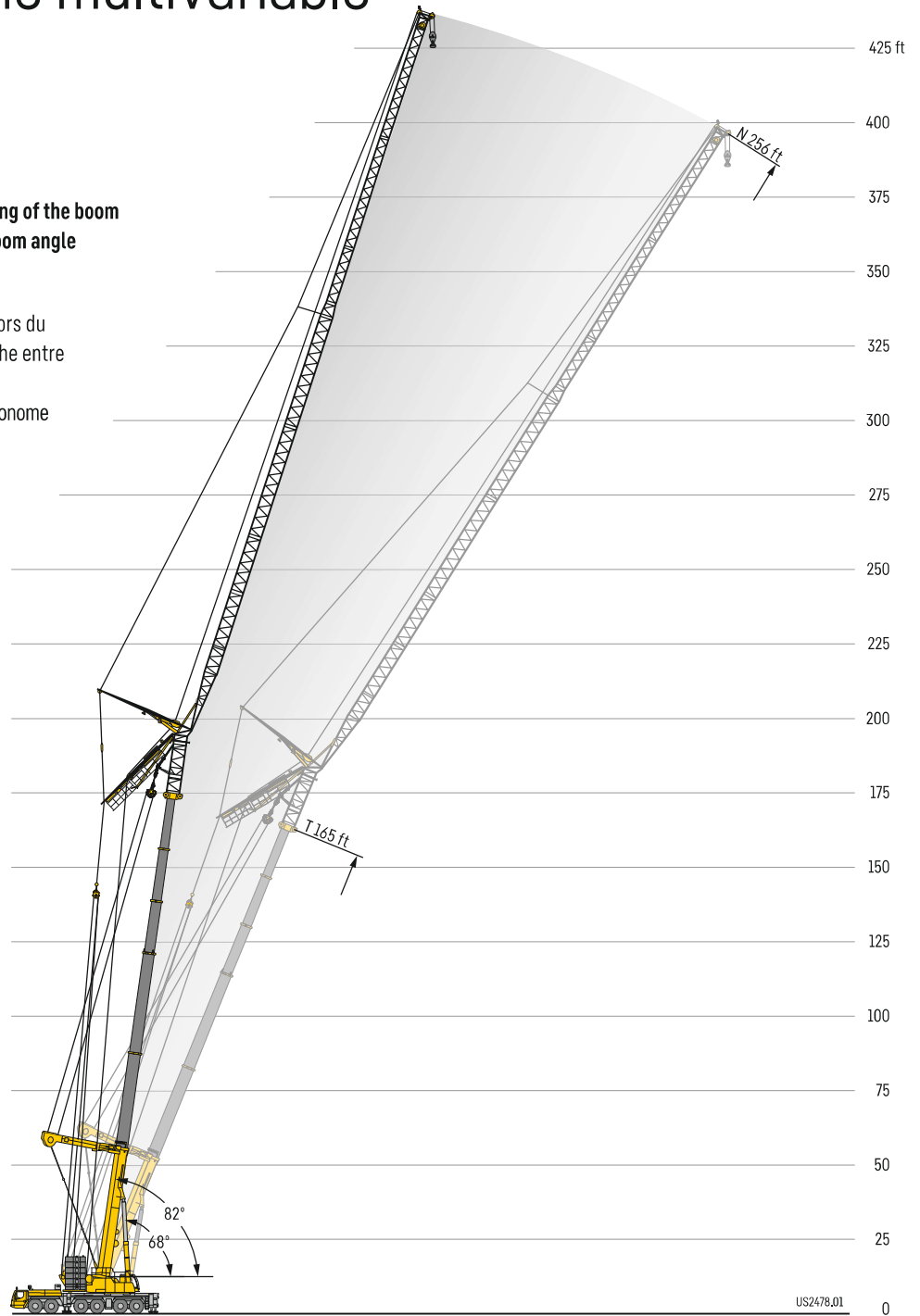
- **High lateral stability due to the oval boom profile**
- **Optimized capacities due to the numerous extension variations**
- **Capacity 80,200 lb at 230 ft long suspended telescopic boom**
- Forte stabilité latérale en raison du profil de flèche ovale
- Capacités de charge optimales grâce à la diversité des variantes d'extension
- Capacité de charge de 80,200 lb sur une flèche télescopique haubanée de 230 ft de long



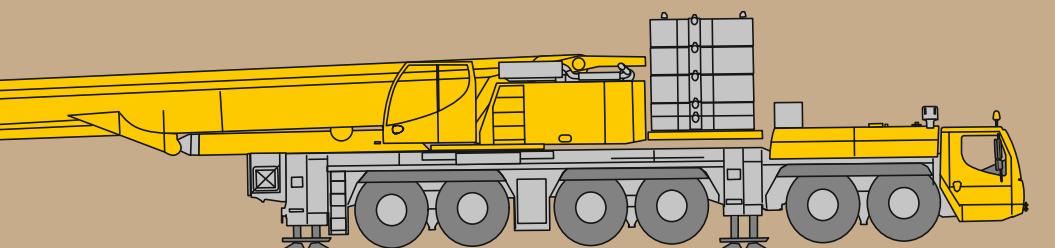
Multivariable boom system

Système de flèche multivariable

- Stepless interpolation of capacities during luffing of the boom combination between 82° and 68° telescopic boom angle
- Y-telescopic boom suspension, self assembly
- Interpolation continue de la capacité de charge lors du relevage/abaissement de la combinaison de flèche entre l'inclinaison de flèche télescopique 82° et 68°
- Haubanage Y de la flèche télescopique, montage autonome



US2478.01

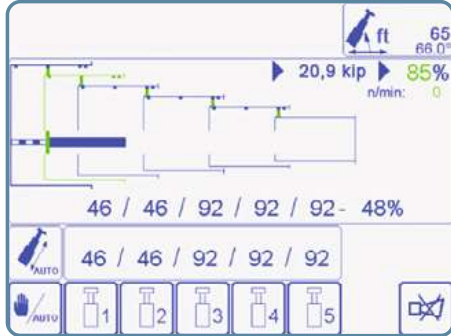


Self assembly of the fixed jib
Montage autonome de la fléchette fixe

S2490.01

The fully automatic telescoping system TELEMATIK

Le système de télescopage entièrement automatique TELEMATIK

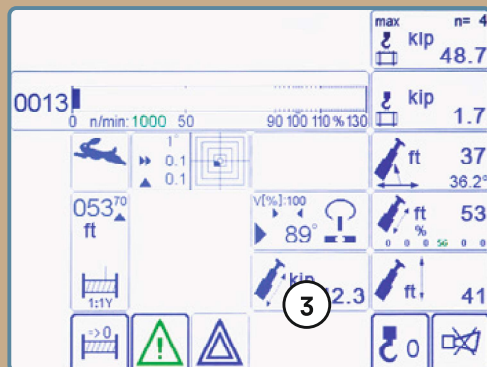


- Improvement of capacities at long booms and large radii due to “lightweight” telescoping system
 - 1-stage hydraulic cylinder with hydraulically operated drive pin
 - Maintenance free telescoping system
 - Telescoping fully automatic
 - Simple operation, supervision of telescoping at the LICCON monitor
-
- Augmentation des capacités de charge grâce aux flèches plus longues, et vastes portées garanties par un système de télescopage „simple“
 - Vérin hydraulique 1 étage avec axe d'entraînement actionné hydrauliquement
 - Système de télescopage sans entretien
 - Télescopage entièrement automatique
 - Utilisation simplifiée, contrôle du processus de télescopage sur l'écran LICCON

High capacities at unpinned boom lengths

Forces de levage élevées lorsque les longueurs de télescopage ne sont pas verrouillées

- High telescopic capacities due to interpolation
 - Separate capacity charts for holding of loads at unpinned boom lengths
 - Display at LICCON-monitor
-
- Capacités télescopables élevées par interpolation
 - Tableaux des charges séparés pour le maintien des charges lorsque les longueurs de télescopage ne sont pas verrouillées
 - Affichage sur le moniteur LICCON



1

1

Holding capacity · Capacité de maintien

2

Unpinned telescope length · Longueurs de télescopage non verrouillées

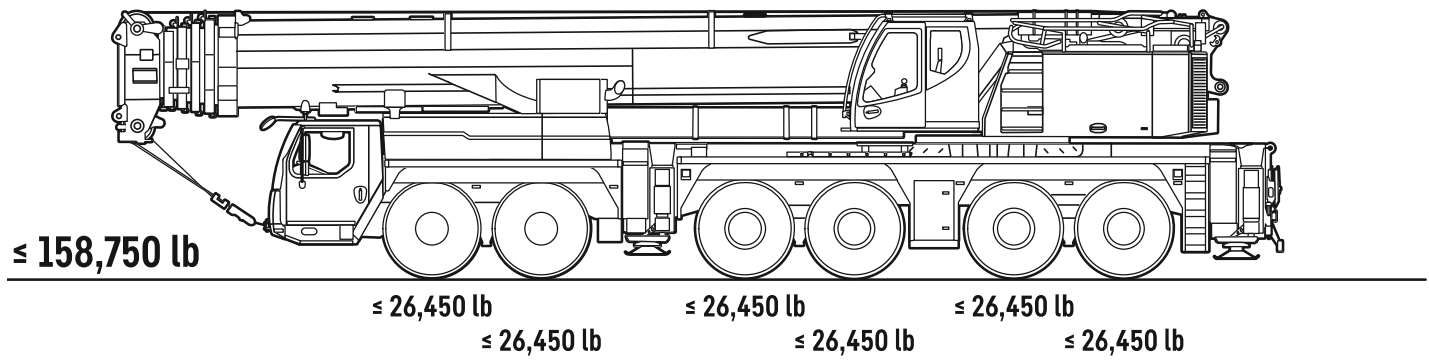
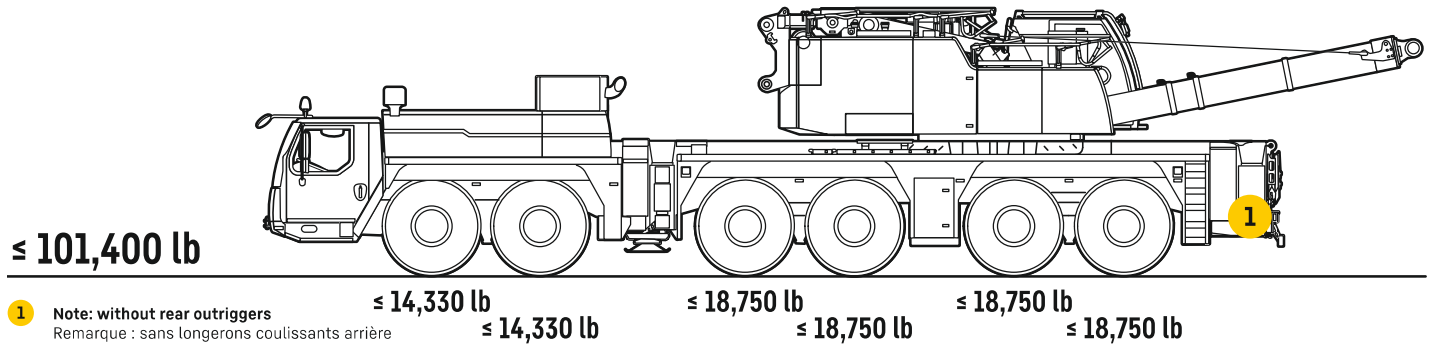
2

3

Telescopic capacity · Capacité télescopable

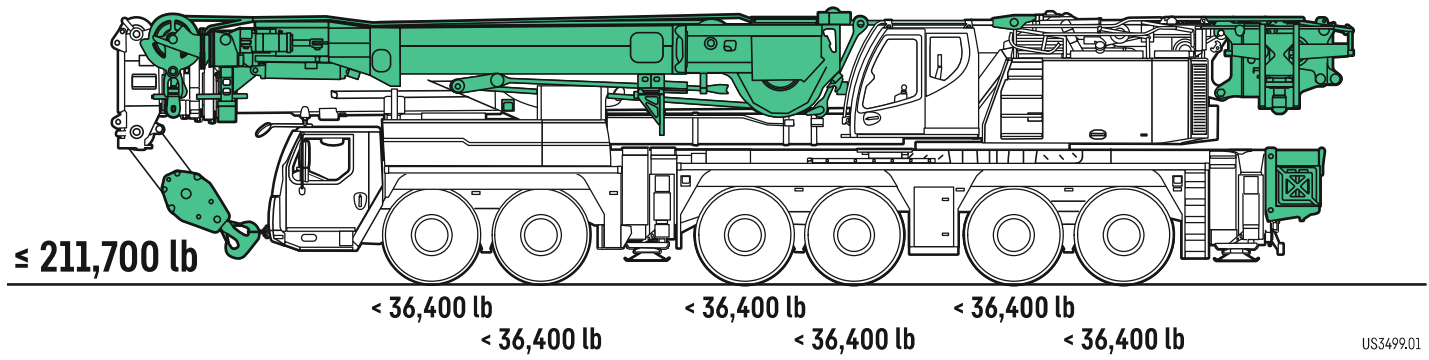
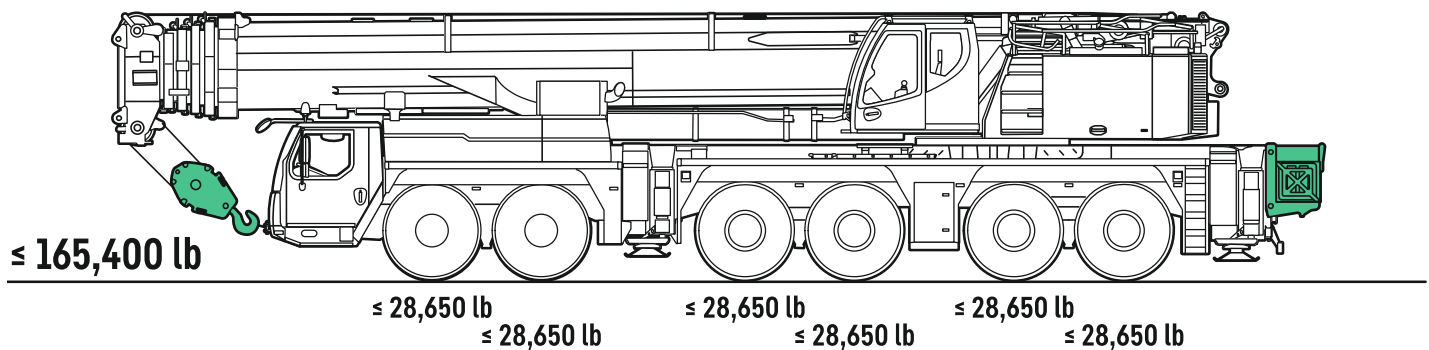
On-road driving

Déplacement sur route



Jobsite driving

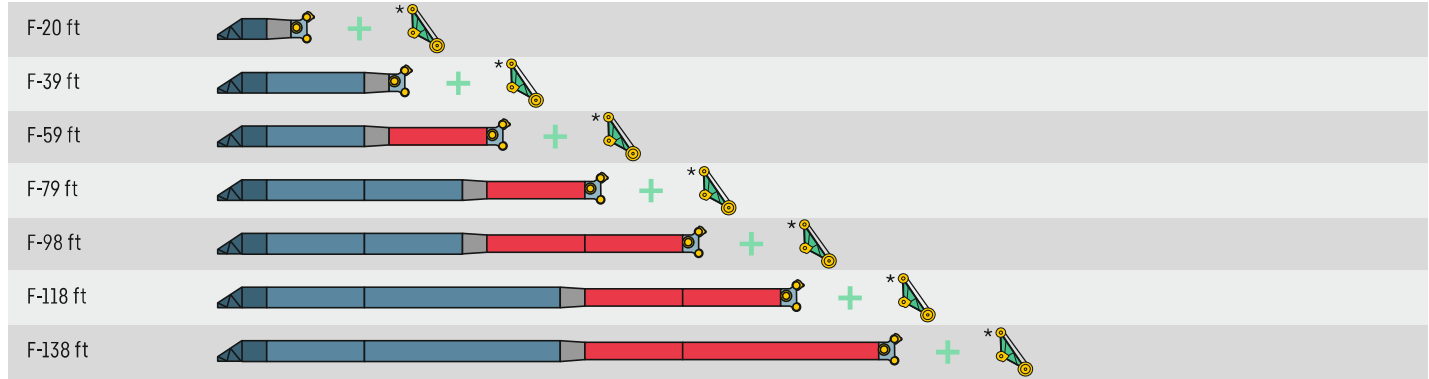
Déplacement sur chantier











Boom/jib combinations – Fixed fly jib

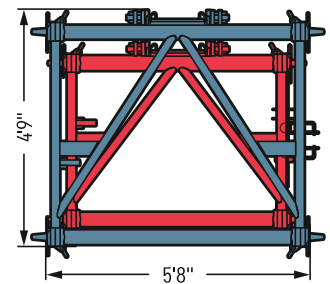
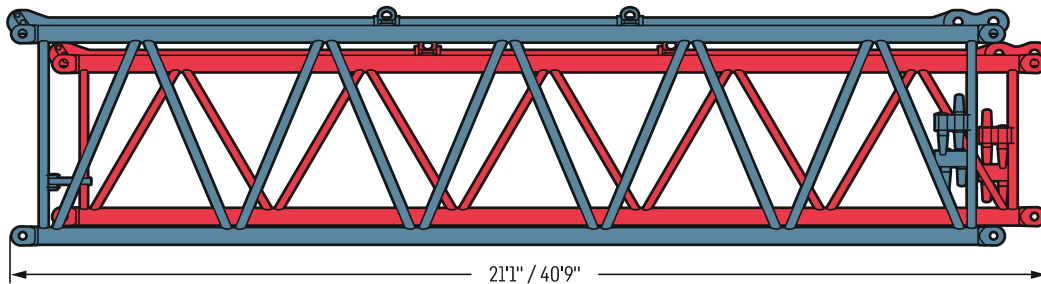
Configurations de flèche – Fléchette fixe

TF



-  9'10" TF-adapter · TF-adaptateur
-  NA-19'8"
-  NA-39'4"
-  4'11" NI reduction section · Élément réducteur NI
-  NI-19'8"
-  NI-39'4"
-  4'11" N head section · Élément de tête N
-  4'3" H auxiliary jib · Fléchette auxiliaire H

US2434.01

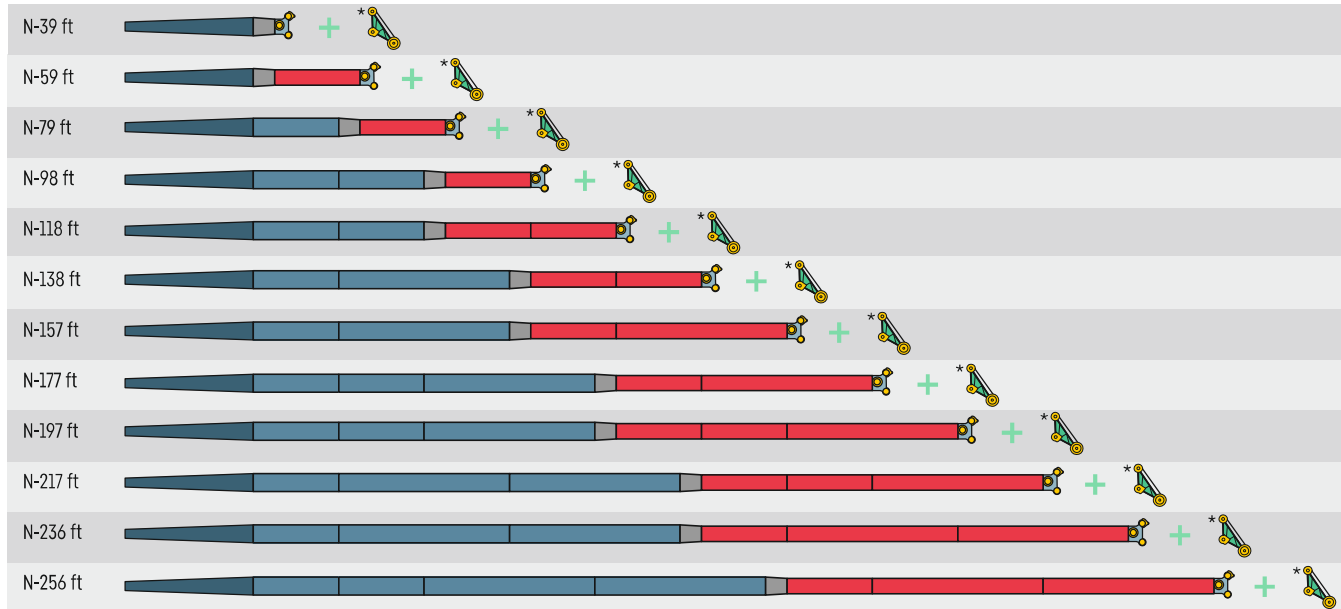










US2436.01

Boom/jib combinations – Luffing fly jib

TN

Configurations de flèche – Fléchette à volée variable



-  29'6" N-shaped base section - Élément de base N
-  NA-19'8"
-  NA-39'4"
-  4'11" NI reduction section - Élément réducteur NI
-  NI-19'8"
-  NI-39'4"
-  4'11" N head section - Élément de tête N
-  4'3" H auxiliary jib - Fléchette auxiliaire H

Boom/jib combinations

Configurations de flèche

T Telescopic boom - Flèche télescopique

Y Y-shaped guying system - Haubanage Y

F Fixed lattice jib - Fléchette treillis fixe

H Auxiliary jib - Fléchette auxiliaire



Boom/jib combinations

Configurations de flèche

VE 11'6" Telescopic boom extension + Eccentric - Rallonge de flèche télescopique + Axe excentrique

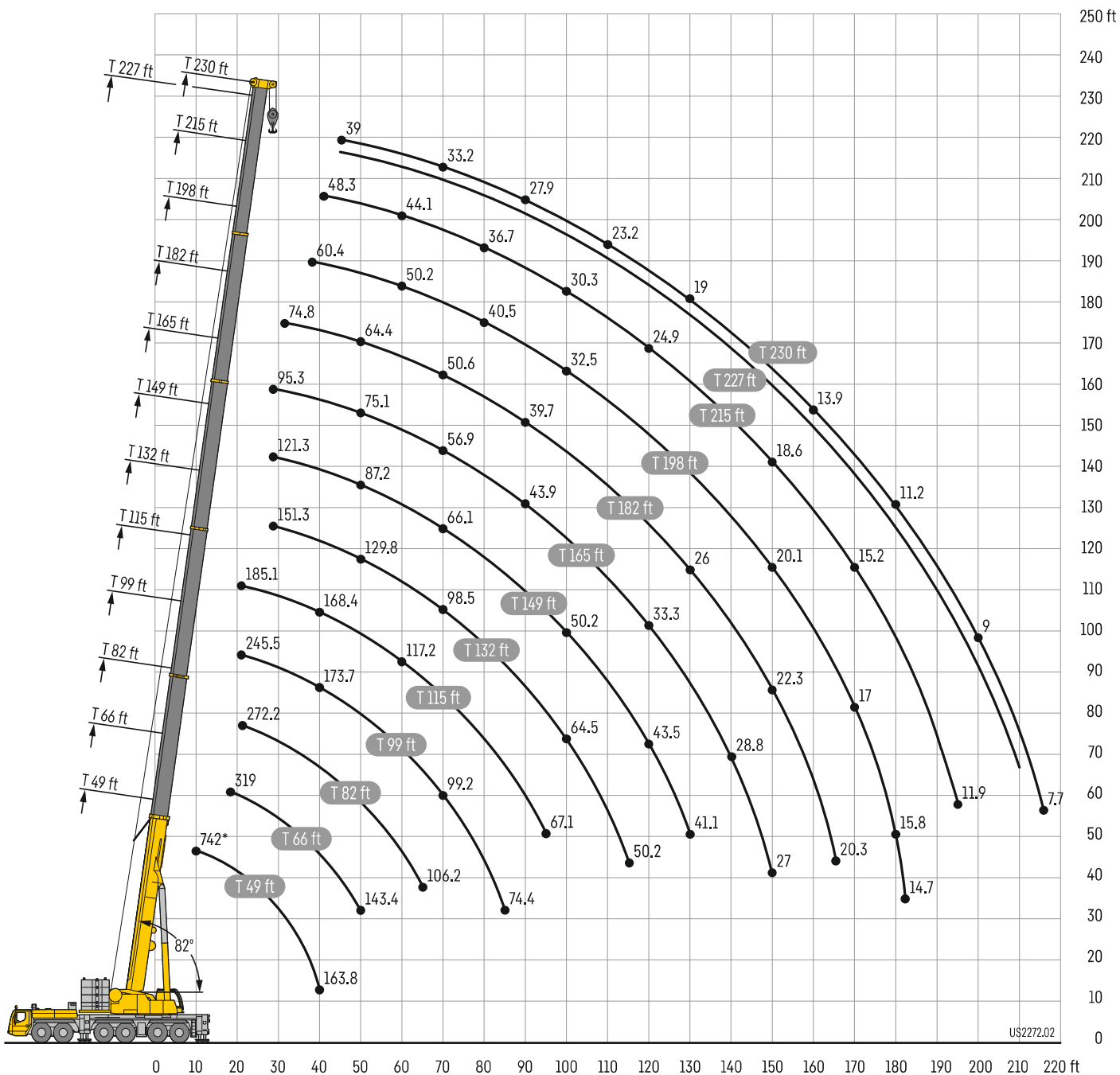
N Luffing fly jib - Fléchette treillis à volée variable



Lifting heights

Hauteurs de levage

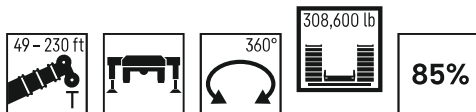
T



Lifting capacities

Forces de levage

T

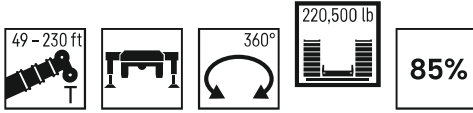


| | 49 ft | 66 ft | 82 ft | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | |
|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 18 | 323.7 | 319 | | | | | | | | | | | | 18 |
| 20 | 308.8 | 309 | | | | | | | | | | | | 20 |
| 22 | 288.4 | 289.6 | 272.2 | 245.5 | 185.1 | | | | | | | | | 22 |
| 24 | 269.8 | 271.5 | 260.2 | 240.7 | 185 | | | | | | | | | 24 |
| 26 | 253 | 254.8 | 247 | 233.9 | 197.6 | | | | | | | | | 26 |
| 28 | 238.7 | 240.5 | 235.7 | 223.4 | 197.4 | 151.3 | 121.3 | 95.3 | | | | | | 28 |
| 30 | 225.3 | 227.1 | 224.6 | 212.9 | 195.4 | 156.1 | 119.5 | 94.9 | | | | | | 30 |
| 32 | 213.5 | 215.2 | 213.4 | 203.9 | 192.7 | 156.1 | 116.4 | 93.9 | 74.8 | | | | | 32 |
| 34 | 202.7 | 204.3 | 202.7 | 195.7 | 187.7 | 155.5 | 113.1 | 92.4 | 74.5 | | | | | 34 |
| 36 | 192.4 | 194.1 | 192.5 | 187.9 | 181.1 | 154.5 | 109.7 | 90.6 | 73.9 | | | | | 36 |
| 38 | 182.4 | 185.2 | 183.6 | 180.8 | 174.6 | 151.9 | 106.1 | 88.4 | 73.1 | 60.4 | | | | 38 |
| 40 | 163.8 | 176.8 | 175.2 | 173.7 | 168.4 | 149 | 102.7 | 86.1 | 72.1 | 60 | | | | 40 |
| 42 | | 169.3 | 167.4 | 166.4 | 162.6 | 145.8 | 99.4 | 83.8 | 70.6 | 59.5 | 48.3 | | | 42 |
| 44 | | 162.2 | 160.3 | 159.4 | 157.1 | 142 | 96.1 | 81.5 | 69.1 | 58.8 | 48.1 | 40.6 | 39 | 44 |
| 46 | | 155.4 | 153.5 | 152.6 | 151.8 | 137.9 | 92.9 | 79.3 | 67.5 | 57.9 | 47.9 | 40.3 | 38.9 | 46 |
| 48 | | 149.4 | 147.7 | 146.8 | 146.8 | 133.9 | 90 | 77.2 | 66 | 56.8 | 47.5 | 39.9 | 38.6 | 48 |
| 50 | | 143.4 | 142 | 141.1 | 141.8 | 129.8 | 87.2 | 75.1 | 64.4 | 55.7 | 47 | 39.5 | 38.4 | 50 |
| 55 | | | 128.7 | 127.9 | 129.4 | 120.6 | 80.4 | 70.2 | 60.6 | 53 | 45.7 | 38.2 | 37.4 | 55 |
| 60 | | | 116.6 | 116.7 | 117.2 | 112.4 | 74.2 | 65.5 | 57 | 50.2 | 44.1 | 36.7 | 36.2 | 60 |
| 65 | | | 106.2 | 107.8 | 106.7 | 105 | 69.9 | 60.9 | 53.7 | 47.5 | 42.3 | 35.2 | 34.7 | 65 |
| 70 | | | | 99.2 | 97.9 | 98.5 | 66.1 | 56.9 | 50.6 | 45.1 | 40.4 | 33.6 | 33.2 | 70 |
| 75 | | | | 91.4 | 90.1 | 91.8 | 62.8 | 53.1 | 47.6 | 42.8 | 38.6 | 32.2 | 31.8 | 75 |
| 80 | | | | 83.7 | 83.1 | 85.1 | 59.9 | 49.7 | 44.7 | 40.5 | 36.7 | 30.8 | 30.5 | 80 |
| 85 | | | | 74.4 | 76.9 | 79 | 57 | 46.6 | 42.2 | 38.3 | 35.1 | 29.4 | 29.1 | 85 |
| 90 | | | | | 71.7 | 73.6 | 54.6 | 43.9 | 39.7 | 36.3 | 33.4 | 28.2 | 27.9 | 90 |
| 95 | | | | | 67.1 | 68.8 | 52.3 | 41.2 | 37.5 | 34.4 | 31.8 | 26.9 | 26.7 | 95 |
| 100 | | | | | | 64.5 | 50.2 | 39 | 35.4 | 32.5 | 30.3 | 25.7 | 25.5 | 100 |
| 105 | | | | | | 60.5 | 48.3 | 37.4 | 33.3 | 30.8 | 28.8 | 24.5 | 24.3 | 105 |
| 110 | | | | | | 56.5 | 46.6 | 36 | 31.4 | 29.2 | 27.4 | 23.4 | 23.2 | 110 |
| 115 | | | | | | 50.2 | 45 | 34.6 | 29.8 | 27.7 | 26.1 | 22.3 | 22 | 115 |
| 120 | | | | | | | 43.5 | 33.3 | 28.4 | 26.2 | 24.9 | 21.2 | 20.9 | 120 |
| 125 | | | | | | | 42.2 | 32 | 27.1 | 24.9 | 23.8 | 20.3 | 19.9 | 125 |
| 130 | | | | | | | 41.1 | 30.8 | 26 | 23.9 | 22.6 | 19.4 | 19 | 130 |
| 135 | | | | | | | | 29.8 | 25 | 22.8 | 21.5 | 18.6 | 18 | 135 |
| 140 | | | | | | | | 28.8 | 24 | 21.8 | 20.5 | 17.7 | 17.1 | 140 |
| 145 | | | | | | | | 27.8 | 23.1 | 20.9 | 19.5 | 16.9 | 16.2 | 145 |
| 150 | | | | | | | | 27 | 22.3 | 20.1 | 18.6 | 16.2 | 15.4 | 150 |
| 155 | | | | | | | | | 21.6 | 19.2 | 17.7 | 15.5 | 14.6 | 155 |
| 160 | | | | | | | | | 20.9 | 18.4 | 16.9 | 14.8 | 13.9 | 160 |
| 165 | | | | | | | | | 20.3 | 17.7 | 16 | 14.2 | 13.1 | 165 |
| 170 | | | | | | | | | | 17 | 15.2 | 13.6 | 12.5 | 170 |
| 175 | | | | | | | | | | 16.4 | 14.5 | 13.1 | 11.8 | 175 |
| 180 | | | | | | | | | | 15.8 | 13.8 | 12.5 | 11.2 | 180 |
| 185 | | | | | | | | | | 14.7 | 13.2 | 12 | 10.6 | 185 |
| 190 | | | | | | | | | | | 12.5 | 11.5 | 10 | 190 |
| 195 | | | | | | | | | | | 11.9 | 11.1 | 9.5 | 195 |
| 200 | | | | | | | | | | | | 10.6 | 9 | 200 |
| 205 | | | | | | | | | | | | 10.1 | 8.5 | 205 |
| 210 | | | | | | | | | | | | 9.7 | 8.1 | 210 |
| 215 | | | | | | | | | | | | | 7.7 | 215 |

Lifting capacities

Forces de levage

T

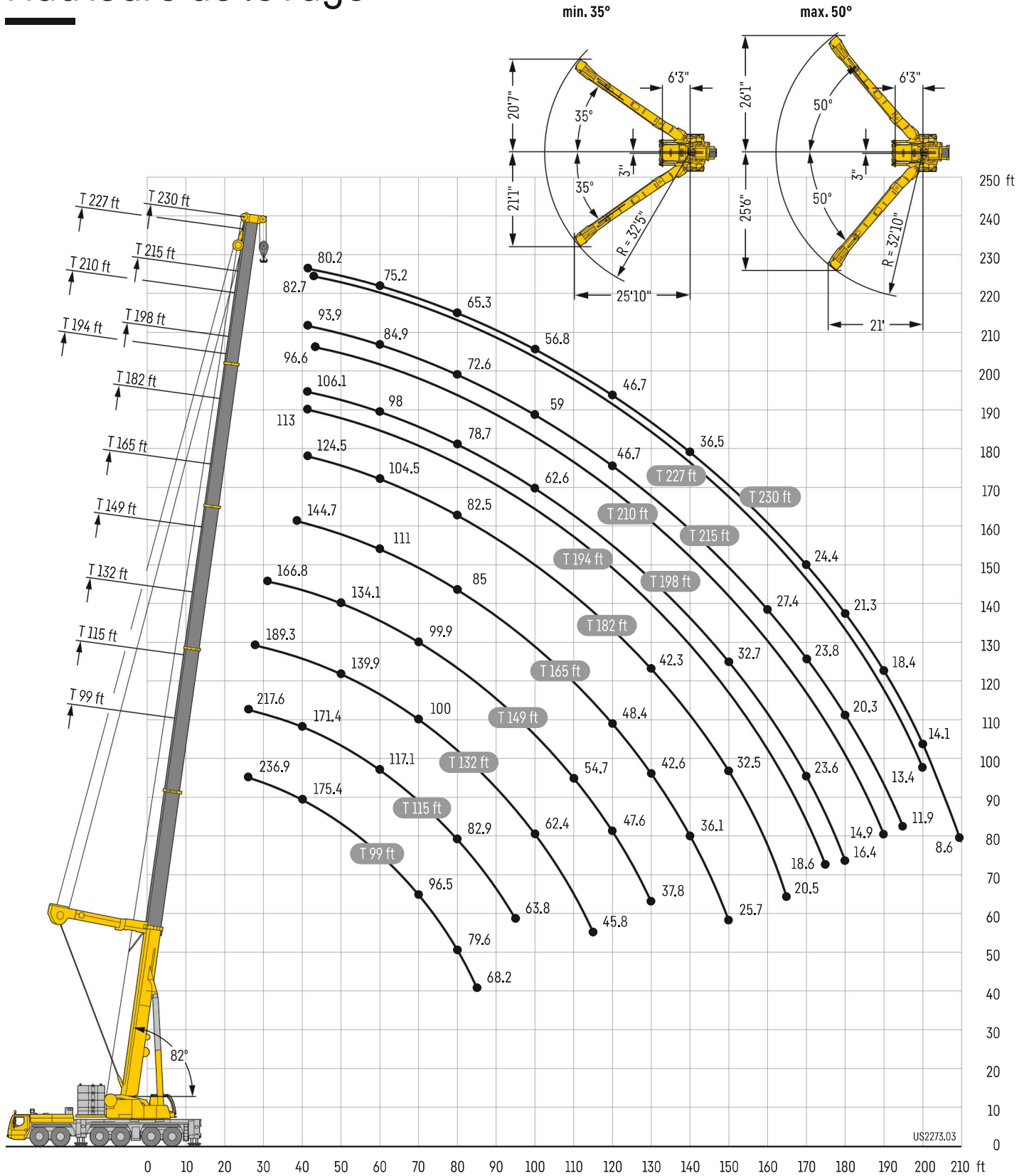


| | 49 ft | | 66 ft | 82 ft | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | | | | | |
|-----|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|-----|-----|-----|
| | * | | | | | | | | | | | | | | | | | | |
| 9 | | 343.3 | | | | | | | | | | | | | 9 | | | | |
| 10 | 742 | 343.3 | | | | | | | | | | | | | 10 | | | | |
| 11 | 554 | 343.3 | 343.3 | | | | | | | | | | | | 11 | | | | |
| 12 | 454.8 | 343.3 | 343.3 | | | | | | | | | | | | 12 | | | | |
| 13 | 438.6 | 343.3 | 343.3 | 342 | | | | | | | | | | | 13 | | | | |
| 14 | 417.7 | 343.3 | 343.3 | 341.7 | 252.5 | | | | | | | | | | 14 | | | | |
| 15 | 397.4 | 343.1 | 343 | 338.7 | 252.5 | | | | | | | | | | 15 | | | | |
| 16 | 381.3 | 342.2 | 341.6 | 328 | 252.5 | | | | | | | | | | 16 | | | | |
| 17 | 367.8 | 334.7 | 334.3 | 318.3 | 252.5 | | | | | | | | | | 17 | | | | |
| 18 | 356.1 | 322.7 | 323 | 309.2 | 252.5 | 205 | | | | | | | | | 18 | | | | |
| 20 | 332.1 | 299.3 | 300.8 | 291.3 | 251.8 | 204.7 | | | | | | | | | 20 | | | | |
| 22 | 304.4 | 279.5 | 281.1 | 275 | 247.3 | 202.8 | 156.1 | | | | | | | | 22 | | | | |
| 24 | 279.3 | 261.4 | 263.2 | 259.5 | 241.3 | 201 | 156.1 | | | | | | | | 24 | | | | |
| 26 | 256.7 | 245.1 | 246.9 | 244.9 | 233.9 | 199.3 | 156.1 | 122.9 | | | | | | | 26 | | | | |
| 28 | 238.3 | 231.2 | 233 | 231.3 | 223.4 | 197.4 | 156.1 | 121.4 | 95.3 | | | | | | 28 | | | | |
| 30 | 221.4 | 218 | 219.8 | 218.2 | 212.7 | 195.4 | 156.1 | 119.5 | 94.9 | | | | | | 30 | | | | |
| 32 | 207.1 | 206.1 | 208 | 206 | 202.8 | 192.7 | 156.1 | 116.4 | 93.9 | 74.8 | | | | | 32 | | | | |
| 34 | 194.2 | 194.2 | 196.1 | 194.2 | 192.4 | 187.7 | 155.5 | 113.1 | 92.4 | 74.5 | | | | | 34 | | | | |
| 36 | 182.2 | 182.2 | 184.2 | 182.4 | 181.6 | 181 | 154.5 | 109.7 | 90.6 | 73.9 | | | | | 36 | | | | |
| 38 | 172.2 | 172.2 | 174.1 | 172.4 | 173 | 172.6 | 151.9 | 106.1 | 88.4 | 73.1 | 60.4 | | | | 38 | | | | |
| 40 | 155.6 | 155.6 | 164.6 | 162.9 | 164.5 | 164 | 149 | 102.7 | 86.1 | 72.1 | 60 | | | | 40 | | | | |
| 42 | | | 156.3 | 154.5 | 156.4 | 155.4 | 145.8 | 99.4 | 83.8 | 70.6 | 59.5 | 48.3 | | | 42 | | | | |
| 44 | | | 148.7 | 147.6 | 148.8 | 147.6 | 142 | 96.1 | 81.5 | 69.1 | 58.8 | 48.1 | 40.6 | 39 | 44 | | | | |
| 46 | | | 141.3 | 141.5 | 141.5 | 140.3 | 137.9 | 92.9 | 79.3 | 67.5 | 57.9 | 47.9 | 40.3 | 38.9 | 46 | | | | |
| 48 | | | 135.3 | 135.6 | 135.4 | 134.2 | 133.3 | 90 | 77.2 | 66 | 56.8 | 47.5 | 39.9 | 38.6 | 48 | | | | |
| 50 | | | 129.3 | 129.7 | 129.4 | 128.2 | 128.6 | 87.2 | 75.1 | 64.4 | 55.7 | 47 | 39.5 | 38.4 | 50 | | | | |
| 55 | | | | 116.5 | 116 | 114.7 | 116.9 | 80.4 | 70.2 | 60.6 | 53 | 45.7 | 38.2 | 37.4 | 55 | | | | |
| 60 | | | | 105.2 | 104.7 | 103.6 | 105.5 | 74.2 | 65.5 | 57 | 50.2 | 44.1 | 36.7 | 36.2 | 60 | | | | |
| 65 | | | | 95.7 | 95.3 | 95.6 | 96 | 69.9 | 60.9 | 53.7 | 47.5 | 42.3 | 35.2 | 34.7 | 65 | | | | |
| 70 | | | | | 87.3 | 88.8 | 87.9 | 66.1 | 56.9 | 50.6 | 45.1 | 40.4 | 33.6 | 33.2 | 70 | | | | |
| 75 | | | | | 79.8 | 82 | 80.5 | 62.8 | 53.1 | 47.6 | 42.8 | 38.6 | 32.2 | 31.8 | 75 | | | | |
| 80 | | | | | 73.4 | 75.3 | 73.6 | 59.9 | 49.7 | 44.7 | 40.5 | 36.7 | 30.8 | 30.5 | 80 | | | | |
| 85 | | | | | 69.2 | 69.1 | 67.4 | 57 | 46.6 | 42.2 | 38.3 | 35.1 | 29.4 | 29.1 | 85 | | | | |
| 90 | | | | | | 63.9 | 62.2 | 54.6 | 43.9 | 39.7 | 36.3 | 33.4 | 28.2 | 27.9 | 90 | | | | |
| 95 | | | | | | | 59.2 | 57.5 | 52.3 | 41.2 | 37.5 | 34.4 | 31.8 | 26.9 | 26.7 | 95 | | | |
| 100 | | | | | | | | 53.2 | 50.2 | 39 | 35.4 | 32.5 | 30.3 | 25.7 | 25.5 | 100 | | | |
| 105 | | | | | | | | 49.4 | 48.3 | 37.4 | 33.3 | 30.8 | 28.8 | 24.5 | 24.3 | 105 | | | |
| 110 | | | | | | | | 46 | 46.5 | 36 | 31.4 | 29.2 | 27.4 | 23.4 | 23.2 | 110 | | | |
| 115 | | | | | | | | 43 | 44.2 | 34.6 | 29.8 | 27.7 | 26.1 | 22.3 | 22 | 115 | | | |
| 120 | | | | | | | | | 41.8 | 33.3 | 28.4 | 26.2 | 24.9 | 21.2 | 20.9 | 120 | | | |
| 125 | | | | | | | | | 39.1 | 32 | 27.1 | 24.9 | 23.8 | 20.3 | 19.9 | 125 | | | |
| 130 | | | | | | | | | 36.8 | 30.8 | 26 | 23.9 | 22.6 | 19.4 | 19 | 130 | | | |
| 135 | | | | | | | | | | 29.8 | 25 | 22.8 | 21.5 | 18.6 | 18 | 135 | | | |
| 140 | | | | | | | | | | 28.8 | 24 | 21.8 | 20.5 | 17.7 | 17.1 | 140 | | | |
| 145 | | | | | | | | | | 27.8 | 23.1 | 20.9 | 19.5 | 16.9 | 16.2 | 145 | | | |
| 150 | | | | | | | | | | 27 | 22.3 | 20.1 | 18.6 | 16.2 | 15.4 | 150 | | | |
| 155 | | | | | | | | | | | 21.6 | 19.2 | 17.7 | 15.5 | 14.6 | 155 | | | |
| 160 | | | | | | | | | | | 20.9 | 18.4 | 16.9 | 14.8 | 13.9 | 160 | | | |
| 165 | | | | | | | | | | | 20.3 | 17.7 | 16 | 14.2 | 13.1 | 165 | | | |
| 170 | | | | | | | | | | | | 17 | 15.2 | 13.6 | 12.5 | 170 | | | |
| 175 | | | | | | | | | | | | | 16.4 | 14.5 | 13.1 | 11.8 | 175 | | |
| 180 | | | | | | | | | | | | | 15.8 | 13.8 | 12.5 | 11.2 | 180 | | |
| 185 | | | | | | | | | | | | | 14.7 | 13.2 | 12 | 10.6 | 185 | | |
| 190 | | | | | | | | | | | | | | 12.5 | 11.5 | 10 | 190 | | |
| 195 | | | | | | | | | | | | | | 11.9 | 11.1 | 9.5 | 195 | | |
| 200 | | | | | | | | | | | | | | | 10.6 | 9 | 200 | | |
| 205 | | | | | | | | | | | | | | | | 10.1 | 8.5 | 205 | |
| 210 | | | | | | | | | | | | | | | | | 9.7 | 8.1 | 210 |
| 215 | | | | | | | | | | | | | | | | | | 7.7 | 215 |

Lifting heights

Hauteurs de levage

TY



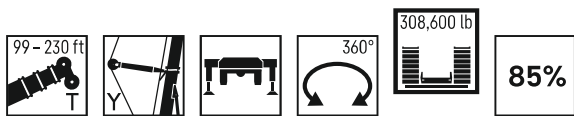
Angle of the Y-suspension between 35° and 50° depending on the extension condition of the individual telescopic sections
 Angle du haubanage Y entre 35° et 50°, en fonction de l'état de sortie des différents éléments télescopiques

US2273.03

Lifting capacities

Forces de levage

TY



| | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 26 | 236.9 | 217.6 | | | | | | | | | 26 |
| 28 | 227 | 212.9 | 189.3 | | | | | | | | 28 |
| 30 | 217.3 | 207.4 | 186.1 | | | | | | | | 30 |
| 32 | 207.7 | 199.7 | 184.2 | 166.8 | | | | | | | 32 |
| 34 | 199.5 | 192.1 | 179.7 | 165.3 | | | | | | | 34 |
| 36 | 192.4 | 184.4 | 173.7 | 163.1 | | | | | | | 36 |
| 38 | 183.8 | 177.9 | 168.6 | 159.2 | 144.7 | | | | | | 38 |
| 40 | 175.4 | 171.4 | 163.4 | 155 | 143.2 | | | | | | 40 |
| 42 | 167.3 | 165.2 | 157.7 | 150.5 | 140 | 124.5 | 106.1 | 93.9 | | 80.2 | 42 |
| 44 | 159.9 | 159.3 | 152.9 | 146 | 136.4 | 123.8 | 105.8 | 93.6 | 82.7 | 80 | 44 |
| 46 | 152.9 | 153.5 | 148.5 | 141.5 | 132.8 | 122.9 | 105.4 | 93.1 | 81.8 | 79.6 | 46 |
| 48 | 146.8 | 147.7 | 144.2 | 137.8 | 129.6 | 120.5 | 104.7 | 92.3 | 80.8 | 79.2 | 48 |
| 50 | 140.8 | 141.9 | 139.9 | 134.1 | 126.3 | 118.2 | 104 | 91.5 | 79.7 | 78.7 | 50 |
| 55 | 127.2 | 128.7 | 129.1 | 125 | 118.4 | 111.6 | 101.5 | 88.6 | 76.9 | 77.2 | 55 |
| 60 | 115.5 | 117.1 | 118.5 | 116.2 | 111 | 104.5 | 98 | 84.9 | 73.9 | 75.2 | 60 |
| 65 | 105.6 | 107.1 | 108.7 | 107.8 | 104.4 | 98.3 | 92.9 | 81.6 | 70.9 | 72.7 | 65 |
| 70 | 96.5 | 98.3 | 100 | 99.9 | 97.8 | 92.9 | 87.8 | 78.4 | 68.3 | 70.1 | 70 |
| 75 | 88.3 | 90.3 | 91.9 | 92.2 | 91.4 | 87.6 | 83.1 | 75.4 | 65.9 | 67.6 | 75 |
| 80 | 79.6 | 82.9 | 84.4 | 84.8 | 85 | 82.5 | 78.7 | 72.6 | 63.7 | 65.3 | 80 |
| 85 | 68.2 | 76.2 | 77.9 | 78.2 | 78.5 | 77.6 | 74.3 | 69.4 | 61.6 | 63.1 | 85 |
| 90 | | 70.5 | 72.2 | 72.6 | 72.9 | 72.5 | 70.4 | 65.7 | 59.7 | 60.9 | 90 |
| 95 | | 63.8 | 67.1 | 67.5 | 67.8 | 67.4 | 66.6 | 62.2 | 57.7 | 58.9 | 95 |
| 100 | | | 62.4 | 62.8 | 63.1 | 62.7 | 62.6 | 59 | 55.8 | 56.8 | 100 |
| 105 | | | 58.1 | 58.5 | 58.8 | 58.4 | 58.3 | 56 | 53.9 | 54.5 | 105 |
| 110 | | | 53 | 54.7 | 55.1 | 54.7 | 54.6 | 53 | 51.9 | 52 | 110 |
| 115 | | | 45.8 | 51.2 | 51.7 | 51.2 | 51.1 | 49.8 | 49.5 | 49.4 | 115 |
| 120 | | | | 47.6 | 48.4 | 48 | 47.8 | 46.7 | 46.8 | 46.7 | 120 |
| 125 | | | | 43.6 | 45.4 | 45.1 | 44.8 | 43.7 | 44 | 44 | 125 |
| 130 | | | | 37.8 | 42.6 | 42.3 | 42.1 | 40.9 | 41.4 | 41.4 | 130 |
| 135 | | | | | 39.7 | 39.7 | 39.6 | 38.3 | 38.9 | 38.9 | 135 |
| 140 | | | | | 36.1 | 37.3 | 37.1 | 35.8 | 36.4 | 36.5 | 140 |
| 145 | | | | | 31.4 | 34.8 | 34.9 | 33.5 | 34.1 | 34.3 | 145 |
| 150 | | | | | 25.7 | 32.5 | 32.7 | 31.3 | 32 | 32 | 150 |
| 155 | | | | | | 29.2 | 30.5 | 29.3 | 29.9 | 30 | 155 |
| 160 | | | | | | 25.2 | 28.5 | 27.4 | 28 | 28 | 160 |
| 165 | | | | | | 20.5 | 26.5 | 25.5 | 26.1 | 26.2 | 165 |
| 170 | | | | | | | 23.6 | 23.8 | 24.3 | 24.4 | 170 |
| 175 | | | | | | | 20.3 | 22.2 | 22.8 | 22.8 | 175 |
| 180 | | | | | | | 16.4 | 20.3 | 21.3 | 21.3 | 180 |
| 185 | | | | | | | | 17.9 | 19.8 | 19.8 | 185 |
| 190 | | | | | | | | 15.2 | 18.2 | 18.4 | 190 |
| 195 | | | | | | | | 11.9 | 15.9 | 16.4 | 195 |
| 200 | | | | | | | | | 13.4 | 14.1 | 200 |
| 205 | | | | | | | | | | 11.5 | 205 |
| 210 | | | | | | | | | | 8.6 | 210 |

Lifting capacities

Forces de levage

TY

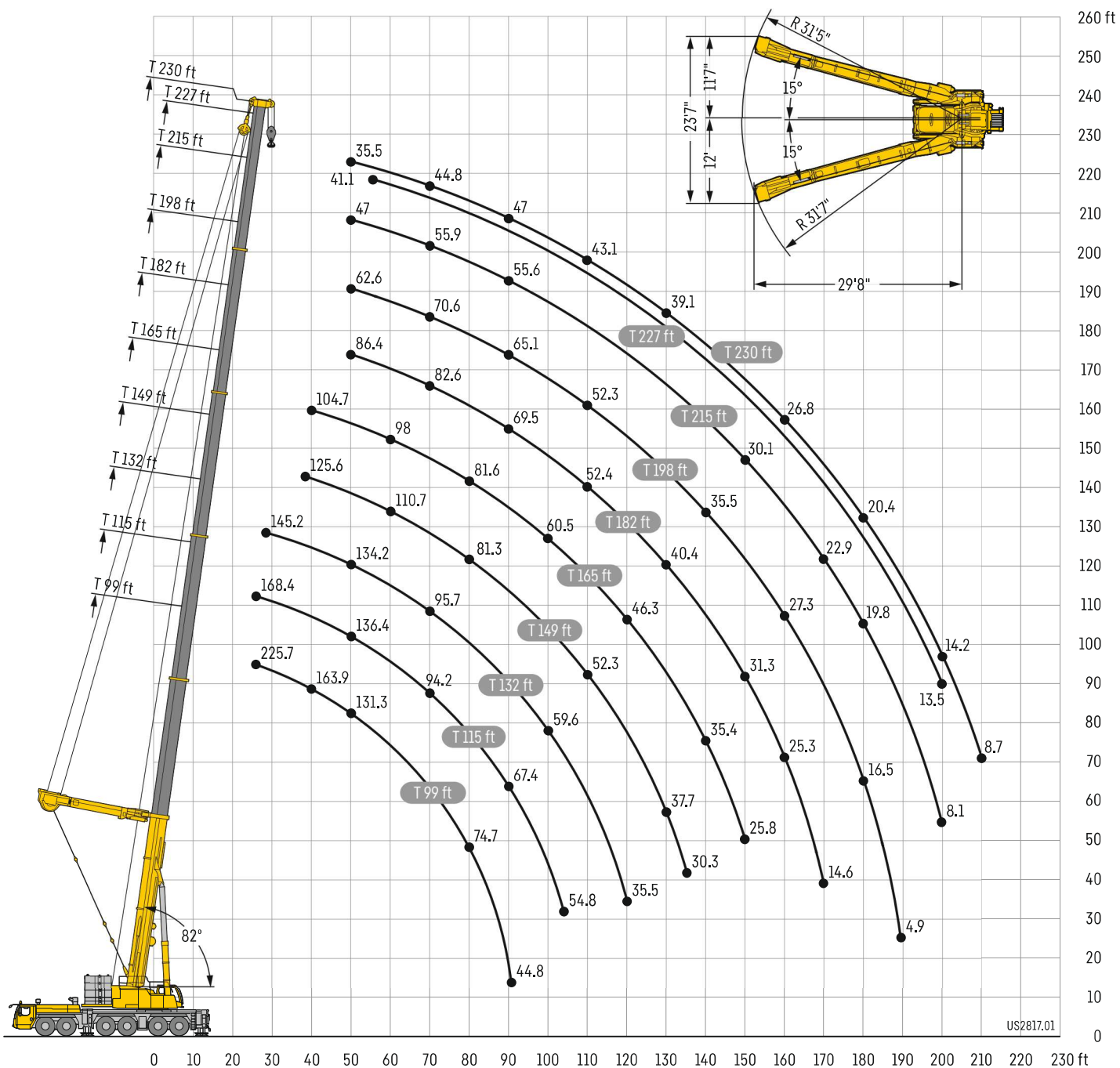


| | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 15 | 256.7 | | | | | | | | | | 15 |
| 16 | 259.8 | | | | | | | | | | 16 |
| 17 | 261.2 | | | | | | | | | | 17 |
| 18 | 261.7 | | | | | | | | | | 18 |
| 20 | 262 | 231.6 | | | | | | | | | 20 |
| 22 | 259.1 | 234.4 | | | | | | | | | 22 |
| 24 | 251.8 | 232 | 198.9 | | | | | | | | 24 |
| 26 | 240.4 | 224.8 | 198.8 | | | | | | | | 26 |
| 28 | 228.6 | 216.1 | 196.8 | 167.4 | | | | | | | 28 |
| 30 | 217.1 | 207.4 | 193.9 | 167.8 | 145.1 | | | | | | 30 |
| 32 | 206.4 | 199.7 | 189 | 167.8 | 145.3 | | | | | | 32 |
| 34 | 196.5 | 192.1 | 182.8 | 166.7 | 145.4 | | | | | | 34 |
| 36 | 187.1 | 184.4 | 175.8 | 164.7 | 145.4 | | | | | | 36 |
| 38 | 177.6 | 176.7 | 169.5 | 159.9 | 144.7 | 124.6 | 106.3 | | | | 38 |
| 40 | 168.2 | 168.8 | 163.4 | 155 | 143.2 | 124.6 | 106.3 | 94.2 | | 79.8 | 40 |
| 42 | 159.1 | 160.3 | 157.7 | 150.5 | 140 | 124.5 | 106.1 | 93.9 | 82.8 | 80.2 | 42 |
| 44 | 150.8 | 152.2 | 151.6 | 146 | 136.4 | 123.8 | 105.8 | 93.6 | 82.7 | 80 | 44 |
| 46 | 143 | 144.4 | 145.4 | 141.5 | 132.8 | 122.9 | 105.4 | 93.1 | 81.8 | 79.6 | 46 |
| 48 | 136.5 | 138.1 | 139.2 | 136.6 | 129.6 | 120.5 | 104.7 | 92.3 | 80.8 | 79.2 | 48 |
| 50 | 130.1 | 131.7 | 133 | 131.7 | 126.3 | 118.2 | 104 | 91.5 | 79.7 | 78.7 | 50 |
| 55 | 115.7 | 117.5 | 119 | 119.3 | 117.3 | 111.4 | 101.5 | 88.6 | 76.9 | 77.2 | 55 |
| 60 | 103.6 | 105.3 | 106.9 | 107.2 | 107.3 | 103.6 | 97.8 | 84.9 | 73.9 | 75.2 | 60 |
| 65 | 93.5 | 95.2 | 96.8 | 97.1 | 97.3 | 94.7 | 91.4 | 81.6 | 70.9 | 72.7 | 65 |
| 70 | 84.7 | 86.6 | 88.2 | 88.5 | 88.8 | 86.7 | 84.1 | 78.1 | 68.3 | 70.1 | 70 |
| 75 | 77 | 79.1 | 80.6 | 81 | 81.3 | 79.6 | 77.2 | 73.4 | 65.9 | 67.5 | 75 |
| 80 | 70.1 | 72.3 | 73.9 | 74.3 | 74.6 | 73.2 | 71.1 | 67.7 | 63.5 | 64.8 | 80 |
| 85 | 63.6 | 66.1 | 68 | 68.3 | 68.7 | 67.5 | 65.6 | 62.4 | 60.8 | 61.6 | 85 |
| 90 | | 60.6 | 62.5 | 62.9 | 63.3 | 62.4 | 60.7 | 57.7 | 57 | 57.1 | 90 |
| 95 | | 55.4 | 57.4 | 57.9 | 58.3 | 57.7 | 56.2 | 53.3 | 53 | 52.9 | 95 |
| 100 | | | 52.8 | 53.3 | 53.6 | 53.2 | 52.1 | 49.3 | 49.1 | 49 | 100 |
| 105 | | | 48.5 | 49 | 49.4 | 49 | 48.3 | 45.7 | 45.5 | 45.4 | 105 |
| 110 | | | 44.7 | 45.2 | 45.7 | 45.2 | 44.8 | 42.4 | 42.3 | 42.2 | 110 |
| 115 | | | 41.1 | 41.7 | 42.3 | 41.8 | 41.6 | 39.3 | 39.3 | 39.3 | 115 |
| 120 | | | | 38.5 | 39.1 | 38.6 | 38.4 | 36.5 | 36.5 | 36.5 | 120 |
| 125 | | | | 35.6 | 36.1 | 35.8 | 35.5 | 33.9 | 33.9 | 33.9 | 125 |
| 130 | | | | 32.8 | 33.5 | 33.1 | 32.9 | 31.5 | 31.6 | 31.6 | 130 |
| 135 | | | | | 31 | 30.7 | 30.5 | 29.2 | 29.4 | 29.4 | 135 |
| 140 | | | | | 28.7 | 28.3 | 28.2 | 27 | 27.3 | 27.3 | 140 |
| 145 | | | | | 26.5 | 26.2 | 26.1 | 24.9 | 25.3 | 25.4 | 145 |
| 150 | | | | | 24.3 | 24.2 | 24.1 | 22.9 | 23.4 | 23.5 | 150 |
| 155 | | | | | | 22.4 | 22.2 | 21.1 | 21.6 | 21.7 | 155 |
| 160 | | | | | | 20.7 | 20.5 | 19.4 | 20 | 20 | 160 |
| 165 | | | | | | 18.5 | 18.9 | 17.8 | 18.3 | 18.4 | 165 |
| 170 | | | | | | | 17.4 | 16.2 | 16.8 | 16.9 | 170 |
| 175 | | | | | | | 15.9 | 14.9 | 15.4 | 15.5 | 175 |
| 180 | | | | | | | 14.2 | 13.5 | 14.1 | 14.1 | 180 |
| 185 | | | | | | | | 12.3 | 12.8 | 12.8 | 185 |
| 190 | | | | | | | | 11.1 | 11.6 | 11.6 | 190 |
| 195 | | | | | | | | 9.9 | 10.5 | 10.5 | 195 |
| 200 | | | | | | | | | 9.4 | 9.4 | 200 |
| 205 | | | | | | | | | | 8.4 | 205 |
| 210 | | | | | | | | | | 7.3 | 210 |

Lifting heights

Hauteurs de levage

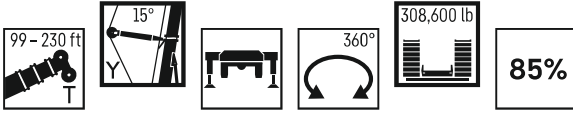
TY



Lifting capacities

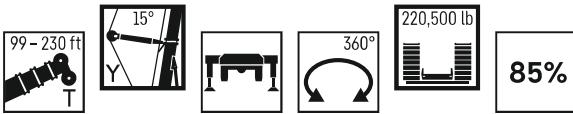
Forces de levage

TY



| | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 26 | 225.7 | 168.4 | | | | | | | | | 26 |
| 28 | 219.4 | 166.4 | | | | | | | | | 28 |
| 30 | 211.3 | 168.5 | 145.2 | | | | | | | | 30 |
| 32 | 199.6 | 179.4 | 148.5 | | | | | | | | 32 |
| 34 | 189.7 | 182.3 | 150.5 | | | | | | | | 34 |
| 36 | 181.1 | 179.8 | 149.4 | | | | | | | | 36 |
| 38 | 172.3 | 173.7 | 148.2 | 125.6 | | | | | | | 38 |
| 40 | 163.9 | 167.3 | 146.8 | 125.6 | 104.7 | | | | | | 40 |
| 45 | 145.6 | 151 | 141.9 | 122.5 | 105.4 | | | | | | 45 |
| 50 | 131.3 | 136.4 | 134.2 | 119 | 103.4 | 86.4 | 62.6 | 47 | | 35.5 | 50 |
| 55 | 119.2 | 123.4 | 124.5 | 115.2 | 100.8 | 87.5 | 65.6 | 49.7 | 41.1 | 38.1 | 55 |
| 60 | 108.7 | 112.1 | 113.6 | 110.7 | 98 | 86.5 | 68.1 | 52.4 | 44.2 | 41.2 | 60 |
| 65 | 99 | 102.5 | 104.1 | 103.7 | 95.3 | 84.7 | 69.8 | 54.2 | 46.2 | 43.2 | 65 |
| 70 | 90.4 | 94.2 | 95.7 | 95.9 | 92.2 | 82.6 | 70.6 | 55.9 | 47.8 | 44.8 | 70 |
| 75 | 82.5 | 86.4 | 88 | 88.3 | 87.5 | 80.4 | 70.1 | 57.1 | 49.1 | 46.3 | 75 |
| 80 | 74.7 | 79.2 | 80.9 | 81.3 | 81.6 | 77.9 | 68.5 | 57.5 | 49.9 | 47.4 | 80 |
| 85 | 66.1 | 72.9 | 74.6 | 75 | 75.3 | 74.7 | 66.8 | 56.6 | 50 | 47.9 | 85 |
| 90 | 44.8 | 67.4 | 69.1 | 69.5 | 69.9 | 69.5 | 65.1 | 55.6 | 48.9 | 47 | 90 |
| 95 | | 62.1 | 64.2 | 64.6 | 65 | 64.6 | 63 | 54.5 | 47.8 | 46.1 | 95 |
| 100 | | 54.8 | 59.6 | 60.1 | 60.5 | 60.1 | 60 | 53.4 | 46.7 | 45.1 | 100 |
| 105 | | | 55.5 | 56 | 56.4 | 56 | 55.9 | 52.2 | 45.7 | 44.1 | 105 |
| 110 | | | 51.8 | 52.3 | 52.7 | 52.4 | 52.3 | 50.5 | 44.7 | 43.1 | 110 |
| 115 | | | 45.6 | 48.9 | 49.4 | 49 | 48.9 | 47.8 | 43.6 | 42.2 | 115 |
| 120 | | | 35.5 | 45.8 | 46.3 | 45.9 | 45.8 | 44.8 | 42.7 | 41.2 | 120 |
| 125 | | | | 42.7 | 43.4 | 43.1 | 42.9 | 42 | 41.7 | 40.4 | 125 |
| 130 | | | | 37.7 | 40.7 | 40.4 | 40.3 | 39.4 | 39.6 | 39.1 | 130 |
| 135 | | | | 30.3 | 38.3 | 38 | 37.9 | 36.9 | 37.3 | 37.2 | 135 |
| 140 | | | | | 35.4 | 35.7 | 35.5 | 34.5 | 34.9 | 35 | 140 |
| 150 | | | | | 25.8 | 31.3 | 31.2 | 30.1 | 30.6 | 30.6 | 150 |
| 160 | | | | | | 25.3 | 27.3 | 26.3 | 26.8 | 26.8 | 160 |
| 170 | | | | | | 14.6 | 23.6 | 22.9 | 23.4 | 23.4 | 170 |
| 180 | | | | | | | 16.5 | 19.8 | 20.4 | 20.4 | 180 |
| 190 | | | | | | | 4.9 | 15.3 | 17.7 | 17.7 | 190 |
| 200 | | | | | | | | 8.1 | 13.5 | 14.2 | 200 |
| 210 | | | | | | | | | | 8.7 | 210 |

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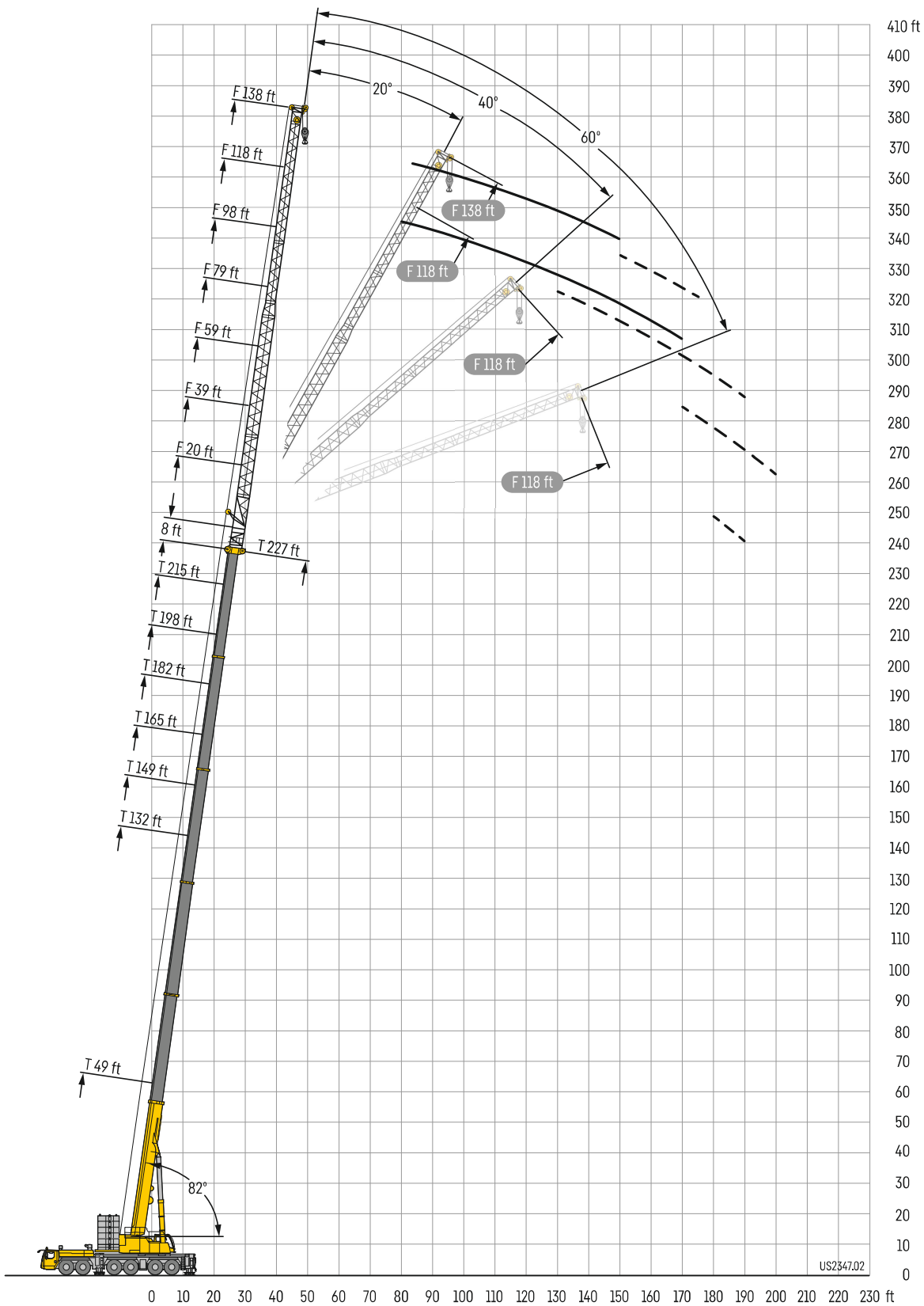
| | 99 ft | 115 ft | 132 ft | 149 ft | 165 ft | 182 ft | 198 ft | 215 ft | 227 ft | 230 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 19 | 238.3 | | 135.9 | | | | | | | | 19 |
| 20 | 238.3 | 185.8 | 135.7 | | | | | | | | 20 |
| 21 | 236.8 | 186.2 | 140.3 | | | | | | | | 21 |
| 22 | 235.3 | 186.6 | 144.8 | | | | | | | | 22 |
| 23 | 233.7 | 187 | 149.3 | | | | | | | | 23 |
| 24 | 231.1 | 187.6 | 149.8 | | | | | | | | 24 |
| 26 | 225.8 | 189 | 150.8 | | | | | | | | 26 |
| 28 | 215.6 | 188.3 | 151.1 | 123.2 | | | | | | | 28 |
| 30 | 205 | 187 | 151.2 | 124.7 | 97.2 | | | | | | 30 |
| 32 | 195.1 | 184.8 | 151.2 | 125.4 | 99.3 | | | | | | 32 |
| 34 | 185.1 | 181.6 | 150.5 | 125.8 | 101.2 | | | | | | 34 |
| 36 | 175.2 | 177.8 | 149.4 | 126.1 | 102.9 | | | | | | 36 |
| 38 | 165.8 | 169 | 148.2 | 126 | 103.9 | 76.3 | | | | | 38 |
| 40 | 156.8 | 160.6 | 146.8 | 125.6 | 104.7 | 78.1 | 57.5 | | | | 40 |
| 45 | 138.3 | 142.5 | 138.9 | 122.5 | 105.4 | 82.9 | 59.4 | 44.6 | | | 45 |
| 50 | 122.8 | 126.4 | 126.5 | 119 | 103.4 | 86.4 | 62.6 | 47 | | | 50 |
| 55 | 109 | 112.6 | 114.1 | 112.4 | 100.8 | 87.5 | 65.6 | 49.7 | 38.4 | 35.5 | 55 |
| 60 | 97.3 | 101 | 102.5 | 102.8 | 97.6 | 86.5 | 68.1 | 52.4 | 44.2 | 41.2 | 60 |
| 65 | 87.5 | 91.2 | 92.8 | 93.2 | 92.7 | 84.7 | 69.8 | 54.2 | 46.2 | 43.2 | 65 |
| 70 | 79.2 | 83 | 84.6 | 84.9 | 85.2 | 81.3 | 70.6 | 55.9 | 47.8 | 44.8 | 70 |
| 75 | 71.8 | 75.7 | 77.3 | 77.6 | 78 | 76.2 | 70.1 | 57.1 | 49.1 | 46.3 | 75 |
| 80 | 65.1 | 69.2 | 70.8 | 71.2 | 71.6 | 70.1 | 67.6 | 57.5 | 49.9 | 47.4 | 80 |
| 85 | 58.8 | 63.3 | 65.1 | 65.5 | 65.8 | 64.7 | 62.8 | 56.6 | 50 | 47.9 | 85 |
| 90 | 42.7 | 57.9 | 59.9 | 60.3 | 60.7 | 59.9 | 58.2 | 54.5 | 48.9 | 47 | 90 |
| 95 | | 52.9 | 55.9 | 55.5 | 55.9 | 55.3 | 53.9 | 51.3 | 47.7 | 46.1 | 95 |
| 100 | | 48 | 50.5 | 51.1 | 51.5 | 51.1 | 49.9 | 47.5 | 46 | 44.9 | 100 |
| 105 | | | 46.4 | 46.9 | 47.4 | 47 | 46.3 | 44 | 43.6 | 43.4 | 105 |
| 110 | | | 42.7 | 43.3 | 43.8 | 43.4 | 43 | 40.8 | 40.6 | 40.5 | 110 |
| 115 | | | 39.3 | 40 | 40.5 | 40.1 | 39.9 | 37.9 | 37.7 | 37.7 | 115 |
| 120 | | | 32.9 | 36.9 | 37.4 | 37.1 | 36.9 | 35.2 | 35.1 | 35.1 | 120 |
| 125 | | | | 34 | 34.6 | 34.3 | 34.1 | 32.7 | 32.6 | 32.6 | 125 |
| 130 | | | | 31.4 | 31.7 | 31.6 | 31.6 | 30.4 | 30.3 | 30.3 | 130 |
| 135 | | | | 27.9 | 29.7 | 29.4 | 29.2 | 28.1 | 28.2 | 28.2 | 135 |
| 140 | | | | | 27.5 | 27.2 | 27 | 26 | 26.2 | 26.2 | 140 |
| 150 | | | | | 23.5 | 23.2 | 23.1 | 22.1 | 22.5 | 22.6 | 150 |
| 160 | | | | | | 19.8 | 19.7 | 18.7 | 19.1 | 19.2 | 160 |
| 170 | | | | | | | 14.3 | 16.7 | 16.1 | 16.2 | 170 |
| 180 | | | | | | | | 13.9 | 13 | 13.5 | 180 |
| 190 | | | | | | | | 4.9 | 10.4 | 11 | 190 |
| 200 | | | | | | | | | 7.1 | 8.7 | 200 |
| 210 | | | | | | | | | | 6.6 | 210 |

t_180_10405_00_000

Lifting heights

Hauteurs de levage

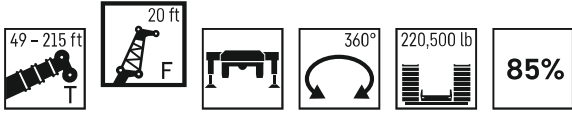
TF



Lifting capacities

Forces de levage

TF 20 ft



| | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----|-----|-----|-----|-----|
| | F 20 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 11 | 99.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | |
| 12 | 98.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| 13 | 98.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 14 | 96.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 94.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 91.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 89.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 86.7 | 74.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 20 | 81.9 | 72.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 77.5 | 69 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 73.4 | 65.9 | 59.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 69.5 | 63 | 57.7 | 53.6 | 99.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 66.3 | 60.4 | 55.6 | 53.2 | 98.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 63.2 | 57.9 | 53.7 | 52.4 | 97.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 60.3 | 55.7 | 51.9 | 50.9 | 95.5 | 75.9 | | | | | 79.8 | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 57.8 | 53.7 | 50.3 | 49.6 | 93.3 | 74.8 | | | | | 79.8 | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 55.3 | 51.8 | 48.7 | 48.3 | 90.7 | 73 | | | | | 79.8 | | | 65.5 | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 53.1 | 50.1 | 47.3 | 47.3 | 88.4 | 71.4 | 60.5 | | | | 79.5 | 69.9 | | 65.2 | | | | | | | | | | 52.1 | | | | | | | | 38 | |
| 40 | 51 | 48.4 | 46 | 46.4 | 86 | 69.8 | 59.7 | | | | 78.8 | 68.9 | | 64.6 | | | | | | | | | | 52 | | | | | | | | 40 | |
| 42 | 49.1 | 46.9 | 44.8 | 45.8 | 83.8 | 68.2 | 58.6 | 53.6 | 77.3 | 67.5 | 57.9 | | 63.7 | | | | | | | | | | | 51.7 | | | | | | | | 42 | |
| 44 | 47.3 | 45.5 | 43.7 | 45.2 | 81.5 | 66.7 | 57.6 | 53.6 | 75.4 | 66.2 | 57.3 | 53.4 | 61.7 | | | | | | | | | | | 51.4 | | | 41.2 | | | | | 44 | |
| 46 | 45.6 | 44.1 | 42.6 | 44.5 | 79.3 | 65.3 | 56.7 | 53.5 | 73.4 | 64.9 | 56.5 | 53.2 | 61 | 60.7 | | | | | | | | | | 50.9 | | | 41.1 | | | | | 46 | |
| 48 | 44.2 | 42.9 | 41.7 | 40.7 | 77.3 | 64 | 55.8 | 52.8 | 71.5 | 63.7 | 55.7 | 52.6 | 59.5 | 59.2 | | | | | | | | | | 49.9 | | | 40.8 | | | | | 48 | |
| 50 | 42.8 | 41.6 | 40.8 | 36.9 | 75.4 | 62.8 | 54.9 | 52.2 | 69.6 | 62.6 | 54.9 | 52 | 58.1 | 57.8 | 53.4 | 50.6 | 48.9 | 48.3 | | | | | | | | 40.5 | 39.5 | | | 33 | | 50 | |
| 55 | 39.6 | 38.8 | 38.8 | | 70.8 | 59.8 | 52.8 | 50.6 | 65.1 | 59.8 | 53 | 50.6 | 54.6 | 54.3 | 52.4 | 49.8 | 46.3 | 46.2 | 46.5 | 46.1 | 39.2 | 38.8 | 37.9 | | | | 32.5 | 31.5 | | | | 55 | |
| 60 | 37 | 36.5 | 34.8 | | 66.6 | 57 | 50.9 | | 61 | 57.3 | 51.3 | 49.3 | 48.4 | 48.2 | 48.4 | 47.5 | 41.3 | 41.4 | 42 | 42.8 | 37.5 | 37.4 | 37.4 | | | | 31.7 | 31.2 | | | | 60 | |
| 65 | | | | | 63 | 54.6 | 49.2 | | 57.1 | 54.9 | 49.7 | 48.1 | 48.4 | 48.2 | 48.4 | 47.5 | 41.3 | 41.4 | 42 | 42.8 | 35.6 | 35.7 | 35.9 | 36.4 | 30.6 | 30.3 | 30.4 | 30.4 | | | | 65 | |
| 70 | | | | | 59.7 | 52.3 | 47.6 | | 53.4 | 52.4 | 48.1 | | 45.5 | 45.5 | 45.7 | 45.8 | 39 | 39.2 | 39.7 | 40.5 | 33.8 | 34.1 | 34.3 | 34.9 | 29.3 | 29.2 | 29.4 | 29.7 | | | | 70 | |
| 75 | | | | | 56.7 | 50.3 | 46.1 | | 50 | 49.6 | 46.6 | | 42.9 | 42.9 | 43.1 | | 36.9 | 37.1 | 37.6 | 38.3 | 32 | 32.4 | 32.8 | 33.3 | 28 | 28 | 28.3 | 28.7 | | | | 75 | |
| 80 | | | | | 54 | 48.4 | 44.8 | | 46.7 | 46.7 | 45.1 | | 40.4 | 40.4 | 40.6 | | 34.8 | 35.1 | 35.5 | | 30.4 | 30.8 | 31.2 | 31.8 | 26.7 | 26.8 | 27.1 | 27.6 | | | | 80 | |
| 85 | | | | | 51.5 | 46.7 | 43.6 | | 43.8 | 43.7 | 43.4 | | 38 | 38.1 | 38.1 | | 32.9 | 33.2 | 33.6 | | 28.8 | 29.2 | 29.7 | 30.3 | 25.5 | 25.7 | 26 | 26.5 | | | | 85 | |
| 90 | | | | | 49.2 | 45.2 | 42.5 | | 41 | 41.1 | 41.1 | | 35.8 | 35.8 | 36 | | 31.1 | 31.5 | 31.8 | | 27.3 | 27.7 | 28.2 | | 24.3 | 24.6 | 24.9 | 25.4 | | | | 90 | |
| 95 | | | | | 47.2 | 43.6 | 41.5 | | 38.5 | 38.6 | 38.8 | | 33.7 | 33.7 | 33.9 | | 29.4 | 29.8 | 30.1 | | 25.8 | 26.3 | 26.7 | | 23.1 | 23.5 | 23.8 | | | | | 95 | |
| 100 | | | | | 45.2 | 42.2 | | | 36.2 | 36.3 | 36.5 | | 31.6 | 31.7 | 32 | | 27.8 | 28.1 | 28.4 | | 24.4 | 24.9 | 25.3 | | 21.9 | 22.4 | 22.7 | | | | | 100 | |
| 105 | | | | | 43.5 | 40.8 | | | 34 | 34.1 | 34.3 | | 29.6 | 29.8 | 30.2 | | 26.2 | 26.5 | 26.7 | | 23.1 | 23.6 | 24 | | 20.7 | 21.3 | 21.7 | | | | | 105 | |
| 110 | | | | | 41.9 | 39.6 | | | 31.9 | 32.2 | 32.4 | | 27.9 | 28.1 | 28.5 | | 24.7 | 25.1 | 25.3 | | 21.9 | 22.4 | 22.8 | | 19.7 | 20.2 | 20.6 | | | | | 110 | |
| 115 | | | | | 40.2 | 38.5 | | | 30 | 30.3 | | | 26.2 | 26.4 | 26.8 | | 23.3 | 23.6 | 23.8 | | 20.7 | 21.2 | 21.6 | | 18.7 | 19.2 | 19.6 | | | | | 115 | |
| 120 | | | | | 38.2 | 37.3 | | | 28.3 | 28.5 | | | 24.6 | 24.8 | 25.3 | | 21.9 | 22.3 | 22.5 | | 19.6 | 20.1 | 20.4 | | 17.7 | 18.2 | 18.6 | | | | | 120 | |
| 125 | | | | | 35.7 | 36 | | | 26.7 | 26.8 | | | 23.1 | 23.3 | | | 20.6 | 21 | 21.2 | | 18.5 | 19 | 19.2 | | 16.8 | 17.3 | 17.7 | | | | | 125 | |
| 130 | | | | | 33.3 | 33.9 | | | 25.4 | 25.4 | | | 21.8 | 21.9 | | | 19.3 | 19.7 | 20 | | 17.5 | 17.9 | 18.1 | | 15.9 | 16.4 | 16.7 | | | | | 130 | |
| 135 | | | | | 31.1 | | | | 24.2 | 24.2 | | | 20.5 | 20.6 | | | 18.1 | 18.6 | | | 16.4 | 16.9 | 17.1 | | 15 | 15.5 | 15.8 | | | | | 135 | |
| 140 | | | | | 29.1 | | | | 23 | 23 | | | 19.3 | 19.5 | | | 17 | 17.5 | | | 15.4 | 15.9 | 16.1 | | 14.2 | 14.7 | 15 | | | | | 140 | |
| 145 | | | | | 26.6 | | | | 22 | 22 | | | 18.2 | 18.5 | | | 16 | 16.4 | | | 14.5 | 15 | | | 13.4 | 13.9 | 14.1 | | | | | 145 | |
| 150 | | | | | | | | | 20.9 | | | | 17.3 | 17.5 | | | 15 | 15.4 | | | 13.6 | 14.1 | | | 12.6 | 13.1 | 13.3 | | | | | 150 | |
| 155 | | | | | | | | | | | | | 16.4 | 16.6 | | | 14.1 | 14.5 | | | 12.8 | 13.2 | | | 11.9 | 12.3 | 12.5 | | | | | 155 | |
| 160 | | | | | | | | | | | | | 15.6 | | | | 13.3 | 13.6 | | | 12 | 12.4 | | | 11.1 | 11.6 | | | | | | 160 | |
| 165 | | | | | | | | | | | | | | 14.8 | | | | 12.6 | 12.9 | | | 11.4 | 11.6 | | | 10.4 | 10.9 | | | | | 165 | |
| 170 | | | | | | | | | | | | | 14 | | | | 12 | 12.2 | | | 10.7 | 11 | | | 9.7 | 10.2 | | | | | | 170 | |
| 175 | | | | | | | | | | | | | | 13.4 | | | | | | | 10.1 | 10.4 | | | 9.1 | 9.5 | | | | | | 175 | |
| 180 | | | | | | | | | | | | | | | | | | | | | 9.5 | 9.8 | | | 8.4 | 8.8 | | | | | | 180 | |
| 185 | | | | | | | | | | | | | | | | | | | | | 9 | 9.2 | | | 7.8 | 8.2 | | | | | | 185 | |
| 190 | | | | | | | | | | | | | | | | | | | | | 8.5 | 8.7 | | | 7.3 | 7.6 | | | | | | 190 | |
| 195 | | | | | | | | | | | | | | | | | | | | | 8 | | | | 6.8 | 7.1 | | | | | | 195 | |
| 200 | | | | | | | | | | | | | | | | | | | | | 7.6 | | | | 6.3 | 6.6 | | | | | | 200 | |
| 205 | | | | | | | | | | | | | | | | | | | | | 7.2 | | | | 5.8 | | | | | | | 205 | |
| 210 | | | | | | | | | | | | | | | | | | | | | 6.8 | | | | 5.3 | | | | | | | 210 | |
| 215 | | | | | | | | | | | | | | | | | | | | | | | | | 4.9 | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | 4.4 | | | | | | | | 220 |

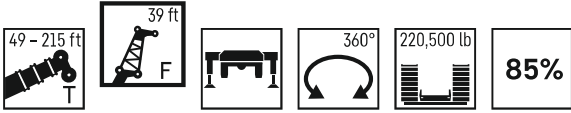
* adapter - pièce d'adaptateur

† 180_51105_00_000 / 51125_00_000 / 51145_00_000 / 51165_00_000

Lifting capacities

Forces de levage

TF 39 ft



| Height (ft) | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | |
|-------------|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | F 39 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 14 | 71.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 15 | 71.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 16 | 69.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | |
| 17 | 68.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 18 | 66.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 20 | 63.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 60.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 55.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 53.1 | 45.4 | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 50.8 | 44.4 | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 48.6 | 42.7 | | | 69.4 | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 46.6 | 41.1 | | | 67.6 | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 44.6 | 39.6 | | | 65.9 | | | 62.8 | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 42.8 | 38.2 | 34 | | 64.2 | | | 61.5 | | | | 52.5 | | | | | | | | | | | | | | | | 38 | |
| 40 | 41.1 | 36.9 | 33.5 | | 62.6 | | | 60.1 | | | | 52.5 | | | | | | | | | | | | | | | | 40 | |
| 42 | 39.6 | 35.7 | 32.5 | | 61 | | | 58.9 | | | | 52.3 | | | | | | | | | | | | | | | | 42 | |
| 44 | 38.2 | 34.5 | 31.6 | | 59.6 | 45.4 | | 57.6 | | | | 52.1 | | | 41.5 | | | | | | | | | | | | | 44 | |
| 46 | 36.9 | 33.4 | 30.8 | 27 | 58.2 | 44.6 | | 56.4 | | | | 51.8 | | | 41.4 | | | | | | | | | | | | | 46 | |
| 48 | 35.7 | 32.5 | 30 | 27 | 56.8 | 43.7 | | 55.3 | | | | 51 | | | 41.2 | | | | | | | | | | | | | 48 | |
| 50 | 34.5 | 31.6 | 29.3 | 27 | 55.5 | 42.8 | | 54.2 | 42.3 | | | 50.1 | | | 41 | | | | | | 32.8 | | | | | | | 50 | |
| 55 | 31.8 | 29.4 | 27.6 | 26.9 | 52.4 | 40.8 | 33.8 | 51.6 | 40.7 | 33 | | 47.8 | 39.4 | | 39.9 | | | | | | 32.4 | | | | 26.1 | | | 55 | |
| 60 | 29.4 | 27.5 | 26.1 | 26.6 | 49.4 | 38.9 | 32.6 | 27 | 49.2 | 38.9 | 32.6 | | 45.2 | 38.1 | | 38.3 | | | | | 31.8 | | | | 25.8 | | | 60 | |
| 65 | 27.4 | 25.9 | 24.8 | 26 | 46.5 | 37.2 | 31.5 | 27 | 46.8 | 37.3 | 31.6 | 27 | 42.9 | 36.7 | 31.1 | 36.4 | 35.1 | | | | 30.7 | | | | 25.3 | | | 65 | |
| 70 | 25.7 | 24.5 | 23.8 | 25.2 | 44 | 35.6 | 30.5 | 27 | 44.6 | 35.9 | 30.6 | 27 | 40.6 | 35.4 | 30.3 | 27 | 34.7 | 34 | 29.4 | | 29.5 | 29.3 | | | 24.6 | 23 | | 70 | |
| 75 | 24.3 | 23.4 | 23 | | 39.6 | 34.2 | 29.6 | | 42.4 | 34.5 | 29.7 | 27 | 38.5 | 34.1 | 29.5 | 27 | 32.9 | 32.8 | 28.8 | 27 | 28.2 | 28.2 | 26.6 | | 23.8 | 22.5 | | 75 | |
| 80 | 23 | 22.4 | 21.4 | | 37.8 | 32.8 | 28.7 | | 40.4 | 33.2 | 28.9 | 27 | 36.5 | 33 | 28.7 | 27 | 31.3 | 31.6 | 28.1 | 26.9 | 27 | 27.1 | 26 | | 23 | 21.8 | | 80 | |
| 85 | | | | | 37.8 | 31.6 | 27.9 | | 38.7 | 32.1 | 28.1 | 27 | 34.5 | 31.9 | 28 | 27 | 29.7 | 30.2 | 27.5 | 26.6 | 25.7 | 25.9 | 25 | 25.1 | 22.1 | 21.1 | 20.3 | | 85 |
| 90 | | | | | 36 | 30.5 | 27.2 | | 36.9 | 31 | 27.4 | | 32.8 | 30.9 | 27.4 | 26.7 | 28.2 | 28.7 | 26.9 | 26.2 | 24.5 | 24.9 | 24.1 | 24.3 | 21.2 | 20.4 | 19.7 | 19.7 | 90 |
| 95 | | | | | 34.4 | 29.4 | 26.5 | | 35.2 | 30 | 26.8 | | 31.1 | 29.9 | 26.8 | | 26.7 | 27.3 | 26.3 | 25.8 | 23.3 | 23.8 | 23.3 | 23.4 | 20.4 | 19.7 | 19.1 | 19.1 | 95 |
| 100 | | | | | 33 | 28.5 | 25.8 | | 33.4 | 29.1 | 26.2 | | 29.4 | 28.8 | 26.2 | | 25.4 | 26 | 25.7 | | 22.1 | 22.7 | 22.4 | 22.6 | 19.5 | 19.1 | 18.5 | 18.6 | 100 |
| 105 | | | | | 31.6 | 27.6 | 25.3 | | 31.7 | 28.2 | 25.6 | | 27.9 | 27.7 | 25.7 | | 24.1 | 24.7 | 25 | | 21 | 21.7 | 21.6 | | 18.6 | 18.4 | 17.9 | 18 | 105 |
| 110 | | | | | 30.4 | 26.7 | 24.7 | | 30 | 27.4 | 25.1 | | 26.3 | 26.4 | 25.2 | | 22.8 | 23.4 | 23.9 | | 20 | 20.6 | 20.7 | | 17.7 | 17.7 | 17.4 | 17.5 | 110 |
| 115 | | | | | 29.2 | 26 | 24.2 | | 28.4 | 26.7 | 24.6 | | 24.8 | 25.1 | 24.6 | | 21.7 | 22.2 | 22.7 | | 19 | 19.6 | 19.8 | | 16.9 | 17.1 | 16.9 | | 115 |
| 120 | | | | | 28.2 | 25.2 | | | 26.8 | 25.9 | 24.2 | | 23.4 | 23.8 | 23.8 | | 20.6 | 21 | 21.5 | | 18 | 18.6 | 18.9 | | 16.1 | 16.4 | 16.4 | | 120 |
| 125 | | | | | 27.1 | 24.6 | | | 25.3 | 25.1 | 23.8 | | 22.1 | 22.5 | 22.8 | | 19.4 | 19.9 | 20.3 | | 17.1 | 17.7 | 18.1 | | 15.3 | 15.7 | 15.8 | | 125 |
| 130 | | | | | 26.3 | 24 | | | 24 | 24.2 | 23.5 | | 20.8 | 21.3 | 21.6 | | 18.4 | 18.8 | 19.2 | | 16.2 | 16.8 | 17.2 | | 14.5 | 15 | 15.2 | | 130 |
| 135 | | | | | 25.4 | 23.5 | | | 22.7 | 23.1 | | | 19.6 | 20.1 | 20.5 | | 17.3 | 17.8 | 18.1 | | 15.4 | 15.9 | 16.3 | | 13.7 | 14.3 | 14.6 | | 135 |
| 140 | | | | | 24.6 | 23 | | | 21.4 | 22 | | | 18.5 | 19 | 19.4 | | 16.3 | 16.8 | 17.1 | | 14.5 | 15 | 15.4 | | 13 | 13.7 | 14 | | 140 |
| 145 | | | | | 23.9 | 22.5 | | | 20.2 | 20.9 | | | 17.5 | 17.9 | | | 15.3 | 15.8 | 16.2 | | 13.7 | 14.2 | 14.6 | | 12.3 | 13 | 13.3 | | 145 |
| 150 | | | | | 23.3 | 22.2 | | | 19.1 | 19.7 | | | 16.4 | 16.9 | | | 14.4 | 14.9 | 15.2 | | 12.9 | 13.4 | 13.8 | | 11.7 | 12.3 | 12.7 | | 150 |
| 155 | | | | | 22.7 | | | | 18.1 | 18.6 | | | 15.5 | 15.9 | | | 13.5 | 14 | | | 12.2 | 12.6 | 13 | | 11 | 11.7 | 12 | | 155 |
| 160 | | | | | 22.1 | | | | 17.3 | 17.6 | | | 14.6 | 15 | | | 12.7 | 13.2 | | | 11.4 | 11.8 | 12.2 | | 10.4 | 11 | 11.3 | | 160 |
| 165 | | | | | 20.8 | | | | 16.5 | | | | 13.7 | 14.1 | | | 11.9 | 12.3 | | | 10.7 | 11.1 | | | 9.8 | 10.4 | 10.7 | | 165 |
| 170 | | | | | | | | | 15.7 | | | | 12.9 | 13.2 | | | 11.1 | 11.5 | | | 10 | 10.4 | | | 9.2 | 9.7 | 10 | | 170 |
| 175 | | | | | | | | | 15.1 | | | | 12.3 | 12.5 | | | 10.4 | 10.8 | | | 9.3 | 9.7 | | | 8.6 | 9.1 | 9.4 | | 175 |
| 180 | | | | | | | | | | | | | 11.6 | | | | 9.8 | 10.1 | | | 8.7 | 9.1 | | | 8 | 8.6 | | | 180 |
| 185 | | | | | | | | | | | | | 11 | | | | 9.3 | 9.5 | | | 8.2 | 8.5 | | | 7.5 | 8 | | | 185 |
| 190 | | | | | | | | | | | | | 10.5 | | | | 8.7 | 8.9 | | | 7.8 | 8 | | | 6.9 | 7.5 | | | 190 |
| 195 | | | | | | | | | | | | | 10 | | | | 8.2 | | | | 7.3 | 7.6 | | | 6.4 | 7 | | | 195 |
| 200 | | | | | | | | | | | | | | | | | 7.8 | | | | 6.9 | 7.2 | | | 5.9 | 6.5 | | | 200 |
| 205 | | | | | | | | | | | | | | | | | 7.4 | | | | 6.5 | 6.8 | | | 5.4 | 6 | | | 205 |
| 210 | | | | | | | | | | | | | | | | | 7 | | | | 6.2 | | | | 5 | 5.6 | | | 210 |
| 215 | | | | | | | | | | | | | | | | | | | | | 5.8 | | | | 4.5 | 5.1 | | | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | | 5.5 | | | | 4.1 | 4.6 | | | 220 |
| 225 | | | | | | | | | | | | | | | | | | | | | 5.2 | | | | 3.7 | | | | 225 |
| 230 | | | | | | | | | | | | | | | | | | | | | 4.9 | | | | 3.3 | | | | 230 |
| 235 | | | | | | | | | | | | | | | | | | | | | | | | | 2.9 | | | | 235 |

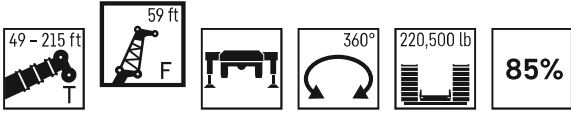
* adapter - pièce d'adaptateur

t_180_51205_00_000 / 51225_00_000 / 51245_00_000 / 51265_00_000

Lifting capacities

Forces de levage

TF 59 ft



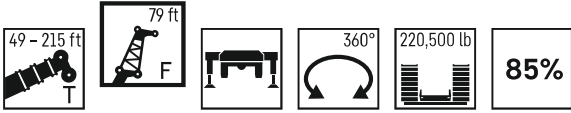
| | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|-----|-----|-----|----------------|-----|-----|-----|----|-----|-----|-----|-----|-----|
| | F 59 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 18 | 52.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | |
| 20 | 51.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | |
| 22 | 49.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | |
| 24 | 47.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| 26 | 45.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 43.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 42.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 40.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 39.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 37.7 | | | | 51.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 36.3 | 30.8 | | | 50.1 | | | | | 47.2 | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 35 | 30.3 | | | 48.9 | | | | | 46.7 | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 42 | 33.8 | 29.4 | | | 47.7 | | | | | 45.7 | | | | | | | | | | | | | | | | | | | | | | | 42 | |
| 44 | 32.6 | 28.5 | | | 46.6 | | | | | 44.8 | | | 41.4 | | | | | | | | | | | | | | | | | | | | 44 | |
| 46 | 31.4 | 27.5 | | | 45.5 | | | | | 43.9 | | | 40.9 | | | | | | | | | | | | | | | | | | | | 46 | |
| 48 | 30.4 | 26.7 | | | 44.5 | | | | | 43 | | | 40.2 | | | | | | | | | | | | | | | | | | | | 48 | |
| 50 | 29.3 | 25.9 | | | 43.5 | | | | | 42.2 | | | 39.6 | | | | | | | | | | | | | | | | | | | | 50 | |
| 55 | 27 | 24.1 | 22.4 | | 41.2 | 30.4 | | | | 40.2 | 29.5 | | 38 | | | | | | | | | | | | | | | | | | | | 55 | |
| 60 | 24.9 | 22.4 | 21.3 | | 39 | 29.4 | | | | 38.3 | 29.2 | | 36.5 | | | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 23.1 | 21 | 20.1 | 15.8 | 37 | 28 | | | | 36.6 | 28 | | 35 | 27 | | | | | | | | | | | | | | | | | | | 65 | |
| 70 | 21.6 | 19.7 | 19 | 15.5 | 35 | 26.8 | 22.6 | | | 35 | 26.9 | | 33.7 | 26.7 | | | | | | | | | | | | | | | | | | | 70 | |
| 75 | 20.2 | 18.6 | 18.1 | 15.3 | 33.2 | 25.7 | 22.1 | 16 | | 33.4 | 25.8 | 21.9 | 32.4 | 26.1 | 21.2 | | | | | | | | | | | | | | | | | | 75 | |
| 80 | 18.9 | 17.6 | 17.3 | 15.2 | 31.5 | 24.7 | 21.4 | 15.9 | | 31.9 | 24.8 | 21.4 | 31.2 | 25.2 | 21 | | | | | | | | | | | | | | | | | | 80 | |
| 85 | 17.8 | 16.7 | 16.5 | 15 | 29.9 | 23.7 | 20.7 | 15.7 | | 30.5 | 23.9 | 20.7 | 30 | 24.3 | 20.5 | | | | | | | | | | | | | | | | | | 85 | |
| 90 | 16.8 | 15.9 | 15.9 | | 28.5 | 22.8 | 20.1 | 15.6 | | 29.2 | 23.1 | 20.2 | 28.8 | 23.5 | 20 | 15.5 | | | | | | | | | | | | | | | | | 90 | |
| 95 | 16 | 15.3 | | | 27.2 | 22 | 19.5 | | | 27.9 | 22.3 | 19.7 | 27.6 | 22.8 | 19.5 | 15.4 | | | | | | | | | | | | | | | | | 95 | |
| 100 | | | | | 26 | 21.2 | 19 | | | 26.6 | 21.5 | 19.2 | 26.5 | 22.1 | 19.1 | 15.4 | 23 | 21.5 | 18.7 | 15.3 | | | | | | | | | | | | | 100 | |
| 105 | | | | | 24.8 | 20.5 | 18.5 | | | 25.6 | 20.8 | 18.7 | 25.4 | 21.4 | 18.6 | 15.3 | 21.9 | 20.9 | 18.3 | 15.2 | | | | | | | | | | | | | 105 | |
| 110 | | | | | 23.8 | 19.8 | 18.1 | | | 24.6 | 20.2 | 18.3 | 24.3 | 20.8 | 18.2 | 15.2 | 20.9 | 20.3 | 17.9 | 15.2 | | | | | | | | | | | | | | 110 |
| 115 | | | | | 22.8 | 19.2 | 17.6 | | | 23.6 | 19.6 | 17.9 | 23.1 | 20.2 | 17.9 | | | | | | | | | | | | | | | | | | | 115 |
| 120 | | | | | 21.9 | 18.6 | 17.2 | | | 22.7 | 19 | 17.5 | 22 | 19.6 | 17.5 | | | | | | | | | | | | | | | | | | | 120 |
| 125 | | | | | 21 | 18 | 16.9 | | | 21.9 | 18.5 | 17.1 | 20.8 | 19.1 | 17.2 | | | | | | | | | | | | | | | | | | | 125 |
| 130 | | | | | 20.3 | 17.5 | 16.5 | | | 21.1 | 18 | 16.8 | 19.7 | 18.6 | 16.9 | | | | | | | | | | | | | | | | | | | 130 |
| 135 | | | | | 19.6 | 17 | 16.2 | | | 20.4 | 17.5 | 16.5 | 18.7 | 18.1 | 16.6 | | | | | | | | | | | | | | | | | | | 135 |
| 140 | | | | | 18.9 | 16.6 | | | | 19.6 | 17.1 | 16.2 | 17.6 | 17.6 | 16.3 | | | | | | | | | | | | | | | | | | | 140 |
| 145 | | | | | 18.2 | 16.2 | | | | 18.9 | 16.7 | 16 | 16.7 | 17 | 16 | | | | | | | | | | | | | | | | | | | 145 |
| 150 | | | | | 17.6 | 15.8 | | | | 18.2 | 16.3 | 15.7 | 15.7 | 16.3 | 15.8 | | | | | | | | | | | | | | | | | | | 150 |
| 155 | | | | | 17 | 15.5 | | | | 17.4 | 15.9 | | 14.8 | 15.6 | 15.5 | | | | | | | | | | | | | | | | | | | 155 |
| 160 | | | | | 16.5 | 15.2 | | | | 16.6 | 15.6 | | 14 | 14.8 | 15 | | | | | | | | | | | | | | | | | | | 160 |
| 165 | | | | | 16 | 14.9 | | | | 15.8 | 15.3 | | 13.2 | 14 | | | | | | | | | | | | | | | | | | | | 165 |
| 170 | | | | | 15.6 | 14.6 | | | | 14.9 | 14.9 | | 12.4 | 13.2 | | | | | | | | | | | | | | | | | | | | 170 |
| 175 | | | | | 15.2 | | | | | 14.1 | 14.4 | | 11.7 | 12.4 | | | | | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | 14.8 | | | | | 13.3 | 13.7 | | 11 | 11.7 | | | | | | | | | | | | | | | | | | | | 180 |
| 185 | | | | | 14 | | | | | 12.7 | | | 10.3 | 11 | | | | | | | | | | | | | | | | | | | | 185 |
| 190 | | | | | | | | | | 12.1 | | | 9.6 | 10.3 | | | | | | | | | | | | | | | | | | | | 190 |
| 195 | | | | | | | | | | 11.6 | | | 9.1 | 9.7 | | | | | | | | | | | | | | | | | | | | 195 |
| 200 | | | | | | | | | | | | | 8.6 | | | | | | | | | | | | | | | | | | | | | 200 |
| 205 | | | | | | | | | | | | | 8.2 | | | | | | | | | | | | | | | | | | | | | 205 |
| 210 | | | | | | | | | | | | | 7.7 | | | | | | | | | | | | | | | | | | | | | 210 |
| 215 | | | | | | | | | | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 220 |
| 225 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 225 |
| 230 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 230 |
| 235 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 235 |
| 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 240 |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TF 79 ft



| | F 79 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|------|------|----------------|------|------|-----|-----|
| | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | | 215 ft + 8 ft* | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | 0° | 20° | 40° | 60° | |
| 22 | 39.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | | |
| 24 | 38.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | | |
| 26 | 37.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | | |
| 28 | 36.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | | |
| 30 | 34.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| 32 | 33.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | | |
| 34 | 32.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | | |
| 36 | 31.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | | |
| 38 | 30.5 | | | | 39.5 | | | | | | | | | | | | | | | | | | | | | | | 38 | | |
| 40 | 29.5 | | | | 38.9 | | | | | | | | | | | | | | | | | | | | | | | 40 | | |
| 42 | 28.6 | | | | 38 | | | | 35.9 | | | | | | | | | | | | | | | | | | | 42 | | |
| 44 | 27.7 | | | | 37.2 | | | | 35.5 | | | | | | | | | | | | | | | | | | | 44 | | |
| 46 | 26.8 | | | | 36.3 | | | | 34.8 | | | | | | | | | | | | | | | | | | | 46 | | |
| 48 | 26 | | | | 35.5 | | | | 34.2 | | | | | | | | | | | | | | | | | | | 48 | | |
| 50 | 25.2 | 22.4 | | | 34.8 | | | | 33.5 | | | | 31.1 | | | | | | | | | | | | | | | 50 | | |
| 55 | 23.2 | 21.2 | | | 32.9 | | | | 31.9 | | | | 30 | | | | 26.5 | | | | | | 21.2 | | | | | 55 | | |
| 60 | 21.4 | 19.6 | | | 31.2 | | | | 30.4 | | | | 28.8 | | | | 26.1 | | | | | 21.1 | | | | | | 60 | | |
| 65 | 19.8 | 18.3 | | | 29.7 | 22.9 | | | 29.1 | | | | 27.7 | | | | 25.6 | | | | | 21 | | | 16.5 | | | 65 | | |
| 70 | 18.4 | 17.1 | | | 28.3 | 22 | | | 27.8 | 21.6 | | | 26.6 | | | | 25 | | | | | 20.6 | | | 16.3 | | | 70 | | |
| 75 | 17.1 | 16 | 14.6 | | 26.9 | 21 | | | 26.6 | 21 | | | 25.6 | 20.2 | | | 24.3 | | | | | 20.2 | | | 16 | | | 75 | | |
| 80 | 16 | 15.1 | 14 | | 25.6 | 20.1 | | | 25.5 | 20.1 | | | 24.7 | 19.7 | | | 23.6 | | | | | 19.7 | | | 15.7 | | | 80 | | |
| 85 | 15 | 14.2 | 13.3 | 9.4 | 24.4 | 19.3 | 15.3 | | 24.5 | 19.3 | | | 23.7 | 19 | | | 22.8 | 18.3 | | | | 19.1 | | | 15.3 | | | 85 | | |
| 90 | 14.1 | 13.4 | 12.6 | 9.3 | 23.2 | 18.5 | 15 | | 23.4 | 18.6 | 14.9 | | 22.9 | 18.3 | | | 22.1 | 17.7 | | | | 18.5 | 16.5 | | 14.8 | | | 90 | | |
| 95 | 13.3 | 12.7 | 12.1 | 9.1 | 22 | 17.8 | 14.6 | 9.6 | 22.4 | 17.9 | 14.6 | | 22 | 17.7 | 14.5 | | 21.3 | 17.1 | | | | 17.8 | 16.1 | | 14.4 | 13 | | 95 | | |
| 100 | 12.5 | 12.1 | 11.5 | 9.1 | 21 | 17.1 | 14.3 | 9.5 | 21.4 | 17.2 | 14.3 | 9.5 | 21.2 | 17.1 | 14.2 | 9.4 | 20.5 | 16.6 | 13.8 | | | 17.2 | 15.7 | | 14 | 12.7 | | 100 | | |
| 105 | 11.8 | 11.4 | 11.1 | 9 | 20 | 16.4 | 13.9 | 9.4 | 20.5 | 16.6 | 14 | 9.4 | 20.4 | 16.5 | 13.9 | 9.4 | 19.6 | 16.1 | 13.6 | | | 16.5 | 15.3 | | 13.6 | 12.4 | | 105 | | |
| 110 | 11.2 | 10.9 | 10.7 | | 19.1 | 15.8 | 13.5 | 9.3 | 19.6 | 16.1 | 13.6 | 9.3 | 19.7 | 16 | 13.5 | 9.3 | 18.7 | 15.6 | 13.3 | 9.2 | | 15.9 | 14.9 | 12.8 | | 13.2 | 12 | | 110 | |
| 115 | 10.7 | 10.5 | | | 18.3 | 15.3 | 13.1 | | 18.8 | 15.6 | 13.2 | 9.2 | 18.9 | 15.5 | 13.2 | 9.2 | 17.9 | 15.2 | 13 | 9.2 | | 15.2 | 14.5 | 12.5 | 9.1 | 12.7 | 11.7 | 10.3 | 115 | |
| 120 | | | | | 17.5 | 14.8 | 12.8 | | 18.1 | 15.1 | 12.9 | 9.2 | 18.2 | 15 | 12.9 | 9.1 | 17.1 | 14.7 | 12.7 | 9.1 | | 14.6 | 14.1 | 12.3 | 9.1 | 12.2 | 11.3 | 10.1 | 120 | |
| 125 | | | | | 16.8 | 14.3 | 12.5 | | 17.4 | 14.6 | 12.6 | | 17.5 | 14.6 | 12.6 | 9.1 | 16.3 | 14.3 | 12.4 | 9.1 | | 13.9 | 13.7 | 12 | 9 | 11.8 | 11 | 9.9 | 125 | |
| 130 | | | | | 16.1 | 13.8 | 12.2 | | 16.6 | 14.1 | 12.3 | | 16.9 | 14.2 | 12.3 | 9.1 | 15.5 | 13.9 | 12.1 | 9 | | 13.3 | 13.4 | 11.8 | 9 | 11.3 | 10.6 | 9.7 | 8.9 | 130 |
| 135 | | | | | 15.4 | 13.4 | 11.9 | | 16 | 13.7 | 12 | | 16.3 | 13.8 | 12 | | 14.7 | 13.6 | 11.9 | 9 | | 12.7 | 13 | 11.6 | 9 | 10.9 | 10.3 | 9.5 | 8.9 | 135 |
| 140 | | | | | 14.8 | 12.9 | 11.6 | | 15.5 | 13.3 | 11.8 | | 15.7 | 13.4 | 11.8 | | 14 | 13.2 | 11.7 | | | 12 | 12.6 | 11.4 | 9 | 10.4 | 9.9 | 9.3 | 8.9 | 140 |
| 145 | | | | | 14.3 | 12.5 | 11.4 | | 14.9 | 12.9 | 11.5 | | 15.1 | 13 | 11.6 | | 13.4 | 12.9 | 11.5 | | | 11.4 | 12.1 | 11.2 | | 9.9 | 9.6 | 9.1 | 8.9 | 145 |
| 150 | | | | | 13.7 | 12.2 | 11.1 | | 14.4 | 12.5 | 11.3 | | 14.4 | 12.7 | 11.4 | | 12.7 | 12.6 | 11.3 | | | 10.8 | 11.6 | 11.1 | | 9.4 | 9.3 | 8.9 | 8.9 | 150 |
| 155 | | | | | 13.2 | 11.8 | 10.9 | | 13.9 | 12.2 | 11.1 | | 13.7 | 12.4 | 11.2 | | 12 | 12.2 | 11.1 | | | 10.3 | 11.1 | 10.9 | | 9 | 9 | 8.7 | | 155 |
| 160 | | | | | 12.8 | 11.5 | | | 13.4 | 11.9 | 10.9 | | 13 | 12.1 | 11 | | 11.4 | 11.8 | 10.9 | | | 9.7 | 10.6 | 10.7 | | 8.5 | 8.7 | 8.4 | | 160 |
| 165 | | | | | 12.3 | 11.2 | | | 13 | 11.6 | 10.8 | | 12.3 | 11.8 | 10.8 | | 10.7 | 11.3 | 10.8 | | | 9.2 | 10.1 | 10.4 | | 8 | 8.4 | 8.2 | | 165 |
| 170 | | | | | 11.9 | 10.9 | | | 12.6 | 11.3 | 10.6 | | 11.7 | 11.5 | 10.7 | | 10.1 | 10.8 | 10.6 | | | 8.7 | 9.5 | 10 | | 7.6 | 8.1 | 7.9 | | 170 |
| 175 | | | | | 11.5 | 10.7 | | | 12.2 | 11 | | | 11 | 11.2 | 10.5 | | 9.5 | 10.2 | 10.4 | | | 8.1 | 9 | 9.5 | | 7.1 | 7.8 | 7.7 | | 175 |
| 180 | | | | | 11.2 | 10.5 | | | 11.8 | 10.8 | | | 10.3 | 10.8 | 10.4 | | 8.9 | 9.6 | 10 | | | 7.6 | 8.5 | 9 | | 6.6 | 7.4 | 7.5 | | 180 |
| 185 | | | | | 10.8 | 10.3 | | | 11.4 | 10.6 | | | 9.7 | 10.4 | | | 8.4 | 9.1 | 9.5 | | | 7.1 | 8 | 8.5 | | 6.2 | 7 | 7.3 | | 185 |
| 190 | | | | | 10.5 | 10.1 | | | 11 | 10.4 | | | 9.1 | 9.9 | | | 7.8 | 8.5 | 9 | | | 6.6 | 7.5 | 8 | | 5.8 | 6.6 | 7.1 | | 190 |
| 195 | | | | | 10.2 | | | | 10.5 | 10.2 | | | 8.5 | 9.4 | | | 7.3 | 8 | | | | 6.2 | 7 | 7.5 | | 5.4 | 6.2 | 6.8 | | 195 |
| 200 | | | | | 10 | | | | 10 | 10.1 | | | 8 | 8.8 | | | 6.8 | 7.5 | | | | 5.7 | 6.5 | 7 | | 5 | 5.8 | 6.4 | | 200 |
| 205 | | | | | | | | | 9.4 | | | | 7.5 | 8.2 | | | 6.3 | 7 | | | | 5.3 | 6.1 | | | 4.6 | 5.4 | 6 | | 205 |
| 210 | | | | | | | | | 9 | | | | 7.1 | 7.6 | | | 5.9 | 6.5 | | | | 5 | 5.6 | | | 4.2 | 4.9 | 5.5 | | 210 |
| 215 | | | | | | | | | 8.6 | | | | 6.7 | 7.2 | | | 5.5 | 6 | | | | 4.6 | 5.1 | | | 3.8 | 4.5 | 5 | | 215 |
| 220 | | | | | | | | | | | | | 6.4 | | | | 5.2 | 5.6 | | | | 4.3 | 4.8 | | | 3.4 | 4.1 | | | 220 |
| 225 | | | | | | | | | | | | | 6.1 | | | | 4.9 | 5.2 | | | | 4 | 4.4 | | | 3 | 3.7 | | | 225 |
| 230 | | | | | | | | | | | | | 5.7 | | | | 4.6 | 4.9 | | | | 3.6 | 4 | | | 3.3 | | | | 230 |
| 235 | | | | | | | | | | | | | 5.5 | | | | 4.2 | | | | | 3.3 | 3.7 | | | 2.8 | | | | 235 |
| 240 | | | | | | | | | | | | | | | | | 3.9 | | | | | 3 | 3.4 | | | | | | | 240 |
| 245 | | | | | | | | | | | | | | | | | 3.6 | | | | | | 3 | | | | | | | 245 |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TF 98 ft



| | F 98 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---------------|------|------|-----|----------------|------|------|------|----------------|------|-----|------|----------------|------|-----|------|----------------|------|-----|-----|----------------|------|-----|-----|--|----------------|-----|-----|-----|-----|
| | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | | 215 ft + 8 ft* | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | 0° | 20° | 40° | 60° | |
| 26 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | | |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | |
| 32 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 26.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 26.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 25.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 42 | 25 | | | | 27 | | | | | | | | | | | | | | | | | | | | | | | | 42 | |
| 44 | 24.2 | | | | 27 | | | 27 | | | | | | | | | | | | | | | | | | | | | 44 | |
| 46 | 23.5 | | | | 27 | | | 27 | | | | | | | | | | | | | | | | | | | | | 46 | |
| 48 | 22.9 | | | | 27 | | | 26.9 | | | | | | | | | | | | | | | | | | | | | 48 | |
| 50 | 22.2 | | | | 27 | | | 26.9 | | | | 25 | | | | | | | | | | | | | | | | | 50 | |
| 55 | 20.7 | | | | 26.8 | | | 26.3 | | | | 24.5 | | | | 21.3 | | | | | | | | | | | | | 55 | |
| 60 | 19.3 | 16.5 | | | 26.2 | | | 25.4 | | | | 23.8 | | | | 21.1 | | | | | | | | | | | | | 60 | |
| 65 | 17.9 | 15.7 | | | 25.1 | | | 24.3 | | | | 22.9 | | | | 20.7 | | | | | 17.2 | | | | | | | | 65 | |
| 70 | 16.6 | 14.8 | | | 23.9 | | | 23.3 | | | | 22 | | | | 20.2 | | | | | 17 | | | | | 13.1 | | | 70 | |
| 75 | 15.4 | 13.9 | | | 22.8 | 16.5 | | 22.3 | | | | 21.2 | | | | 19.6 | | | | | 16.8 | | | | | 12.9 | | | 75 | |
| 80 | 14.4 | 13 | | | 21.8 | 16.2 | | 21.4 | | | | 20.4 | | | | 19 | | | | | 16.6 | | | | | 12.8 | | | 80 | |
| 85 | 13.4 | 12.2 | 10.2 | | 20.8 | 15.6 | | 20.5 | 15.5 | | | 19.7 | | | | 18.4 | | | | | 16.2 | | | | | 12.5 | | | 85 | |
| 90 | 12.5 | 11.4 | 9.8 | | 19.9 | 15 | | 19.7 | 15 | | | 19 | 14.6 | | | 17.8 | | | | | 15.8 | | | | | 12.2 | | | 90 | |
| 95 | 11.7 | 10.8 | 9.3 | | 19 | 14.4 | | 18.9 | 14.4 | | | 18.3 | 14.2 | | | 17.3 | 13.5 | | | | 15.3 | | | | | 11.9 | | | 95 | |
| 100 | 11 | 10.1 | 9 | | 18 | 13.8 | 10.2 | | 18.2 | 13.9 | | | 17.7 | 13.7 | | | 16.7 | 13.2 | | | 14.8 | 12.1 | | | | 11.5 | | | 100 | |
| 105 | 10.4 | 9.6 | 8.6 | 6 | 17.2 | 13.3 | 10 | | 17.4 | 13.4 | | | 17.1 | 13.2 | | | 16.2 | 12.8 | | | 14.3 | 12 | | | | 11.1 | | | 105 | |
| 110 | 9.7 | 9.1 | 8.3 | 5.9 | 16.4 | 12.8 | 9.7 | | 16.7 | 12.9 | 9.7 | | 16.5 | 12.7 | 9.6 | | 15.7 | 12.3 | | | 13.9 | 11.7 | | | | 10.8 | 9.4 | | 110 | |
| 115 | 9.2 | 8.6 | 8 | 5.9 | 15.6 | 12.3 | 9.5 | 6.1 | 16 | 12.4 | 9.5 | | 15.9 | 12.3 | 9.4 | | 15.2 | 11.9 | 9.2 | | 13.4 | 11.3 | | | | 10.5 | 9.1 | | 115 | |
| 120 | 8.7 | 8.2 | 7.8 | 5.8 | 14.9 | 11.8 | 9.2 | 6.1 | 15.3 | 12 | 9.3 | 6.1 | 15.3 | 11.9 | 9.2 | 6 | 14.7 | 11.6 | 9.1 | | 12.8 | 11 | | | | 10.1 | 8.8 | | 120 | |
| 125 | 8.2 | 7.8 | 7.6 | 5.8 | 14.2 | 11.4 | 9 | 6 | 14.7 | 11.5 | 9.1 | 6 | 14.7 | 11.5 | 9 | 6 | 14.2 | 11.2 | 8.9 | | 12.3 | 10.7 | | | | 9.8 | 8.6 | | 125 | |
| 130 | 7.8 | 7.5 | 7.4 | | 13.6 | 10.9 | 8.8 | 6 | 14.1 | 11.1 | 8.9 | 6 | 14.1 | 11.1 | 8.8 | 6 | 13.7 | 10.9 | 8.8 | 5.9 | 11.8 | 10.4 | 8.6 | | | 9.5 | 8.3 | | 130 | |
| 135 | 7.5 | 7.2 | | | 13 | 10.6 | 8.6 | | 13.5 | 10.8 | 8.7 | 5.9 | 13.6 | 10.8 | 8.7 | 5.9 | 13.1 | 10.6 | 8.6 | 5.9 | 11.3 | 10.2 | 8.4 | 5.8 | | 9.2 | 8.1 | 7.2 | 135 | |
| 140 | | | | | 12.5 | 10.2 | 8.4 | | 12.9 | 10.4 | 8.5 | 5.9 | 13.1 | 10.4 | 8.5 | 5.9 | 12.6 | 10.3 | 8.5 | 5.8 | 10.8 | 9.9 | 8.3 | 5.8 | | 8.8 | 7.9 | 7 | 140 | |
| 145 | | | | | 11.9 | 9.8 | 8.3 | | 12.4 | 10.1 | 8.4 | | 12.6 | 10.1 | 8.4 | 5.8 | 12.1 | 10 | 8.3 | 5.8 | 10.3 | 9.6 | 8.2 | 5.8 | | 8.5 | 7.7 | 6.9 | 145 | |
| 150 | | | | | 11.4 | 9.5 | 8.1 | | 12 | 9.7 | 8.2 | | 12.1 | 9.8 | 8.2 | 5.8 | 11.5 | 9.7 | 8.2 | 5.8 | 9.7 | 9.4 | 8.1 | 5.8 | | 8.2 | 7.5 | 6.8 | 5.7 | 150 |
| 155 | | | | | 11 | 9.2 | 8 | | 11.5 | 9.4 | 8.1 | | 11.7 | 9.5 | 8.1 | | 11 | 9.4 | 8.1 | 5.8 | 9.2 | 9.1 | 8 | 5.8 | | 7.8 | 7.3 | 6.6 | 5.7 | 155 |
| 160 | | | | | 10.6 | 8.9 | 7.9 | | 11.1 | 9.2 | 8 | | 11.3 | 9.3 | 8 | | 10.4 | 9.2 | 8 | | 8.7 | 8.9 | 7.9 | 5.8 | | 7.4 | 7.1 | 6.5 | 5.7 | 160 |
| 165 | | | | | 10.2 | 8.6 | 7.8 | | 10.6 | 8.9 | 7.9 | | 10.9 | 9 | 7.9 | | 9.9 | 8.9 | 7.8 | | 8.2 | 8.6 | 7.7 | | | 7 | 6.9 | 6.4 | 5.7 | 165 |
| 170 | | | | | 9.7 | 8.4 | 7.6 | | 10.3 | 8.6 | 7.8 | | 10.5 | 8.7 | 7.8 | | 9.3 | 8.7 | 7.7 | | 7.8 | 8.4 | 7.6 | | | 6.6 | 6.7 | 6.3 | 5.7 | 170 |
| 175 | | | | | 9.4 | 8.1 | 7.5 | | 9.9 | 8.4 | 7.6 | | 10.2 | 8.5 | 7.7 | | 8.8 | 8.5 | 7.6 | | 7.3 | 8.1 | 7.5 | | | 6.2 | 6.5 | 6.2 | 175 | |
| 180 | | | | | 9 | 7.9 | | | 9.6 | 8.2 | 7.5 | | 9.7 | 8.3 | 7.6 | | 8.3 | 8.3 | 7.5 | | 6.9 | 7.8 | 7.4 | | | 5.8 | 6.3 | 6.1 | 180 | |
| 185 | | | | | 8.7 | 7.7 | | | 9.2 | 8 | 7.4 | | 9.3 | 8.1 | 7.5 | | 7.8 | 8 | 7.4 | | 6.4 | 7.4 | 7.3 | | | 5.4 | 6.1 | 5.9 | 185 | |
| 190 | | | | | 8.4 | 7.5 | | | 8.9 | 7.8 | 7.3 | | 8.7 | 7.9 | 7.4 | | 7.3 | 7.8 | 7.4 | | 6 | 7 | 7.3 | | | 5 | 5.9 | 5.8 | 190 | |
| 195 | | | | | 8.1 | 7.4 | | | 8.6 | 7.6 | | | 8.2 | 7.7 | 7.3 | | 6.8 | 7.5 | 7.3 | | 5.5 | 6.6 | 7.1 | | | 4.7 | 5.7 | 5.7 | 195 | |
| 200 | | | | | 7.9 | 7.2 | | | 8.4 | 7.5 | | | 7.8 | 7.6 | 7.2 | | 6.4 | 7.1 | 7.2 | | 5.1 | 6.1 | 6.8 | | | 4.3 | 5.3 | 5.5 | 200 | |
| 205 | | | | | 7.6 | 7.1 | | | 8.1 | 7.3 | | | 7.3 | 7.4 | | | 5.9 | 6.8 | 7 | | 4.7 | 5.7 | 6.5 | | | 3.9 | 4.9 | 5.4 | 205 | |
| 210 | | | | | 7.4 | | | | 7.9 | 7.2 | | | 6.9 | 7.2 | | | 5.4 | 6.3 | | | 4.3 | 5.3 | 6 | | | 3.6 | 4.5 | 5.1 | 210 | |
| 215 | | | | | 7.3 | | | | 7.7 | 7.1 | | | 6.5 | 6.9 | | | 5 | 5.9 | | | 3.9 | 4.9 | 5.6 | | | 3.2 | 4.2 | 4.8 | 215 | |
| 220 | | | | | 7.1 | | | | 7.4 | 7 | | | 6.1 | 6.6 | | | 4.6 | 5.4 | | | 3.6 | 4.5 | 5.1 | | | | 3.8 | 4.5 | 220 | |
| 225 | | | | | | | | | 7.2 | | | | 5.7 | 6.2 | | | 4.2 | 5 | | | 3.3 | 4.1 | | | | | 3.4 | 4.1 | 225 | |
| 230 | | | | | | | | | 6.9 | | | | 5.3 | 5.8 | | | 3.9 | 4.5 | | | | | | | | | | 3.7 | 230 | |
| 235 | | | | | | | | | 6.6 | | | | 4.9 | 5.4 | | | 3.6 | 4.1 | | | | | | | | | | 3.3 | 235 | |
| 240 | | | | | | | | | | | | | 4.6 | | | | 3.3 | 3.7 | | | | | | | | | | | 240 | |
| 245 | | | | | | | | | | | | | 4.4 | | | | 3 | 3.4 | | | | | | | | | | | 245 | |
| 250 | | | | | | | | | | | | | 4.1 | | | | | | | | | | | | | | | | 250 | |
| 255 | | | | | | | | | | | | | 3.8 | | | | | | | | | | | | | | | | 255 | |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TF 118 ft



| | 49 ft + 8 ft* | | | | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 165 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | |
|-----|---------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|-----|-----|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | F 118 ft | | | | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 28 | 24.2 | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 24 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 23.6 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 23.1 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 22.4 | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 21.9 | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 21.3 | | | | | | | | | | | | | | | | | | | 40 | |
| 42 | 20.8 | | | | | | | | | | | | | | | | | | | 42 | |
| 44 | 20.3 | | | | 24.1 | | | | | | | | | | | | | | | 44 | |
| 46 | 19.8 | | | | 23.9 | | | | | | | | | | | | | | | 46 | |
| 48 | 19.3 | | | | 23.6 | | | | | | | | | | | | | | | 48 | |
| 50 | 18.8 | | | | 23.2 | | | | 21.7 | | | | | | | | | | | 50 | |
| 55 | 17.7 | | | | 22.2 | | | | 21.2 | | | | 19.3 | | | | | | | 55 | |
| 60 | 16.6 | | | | 21.3 | | | | 20.4 | | | | 19 | | | | | | | 60 | |
| 65 | 15.6 | | | | 20.4 | | | | 19.6 | | | | 18.3 | | | | 16.6 | | | 65 | |
| 70 | 14.5 | 12 | | | 19.6 | | | | 18.9 | | | | 17.7 | | | | 16.2 | | | 70 | |
| 75 | 13.5 | 11.5 | | | 18.8 | | | | 18.2 | | | | 17.2 | | | | 15.8 | | | 75 | |
| 80 | 12.6 | 10.9 | | | 18 | | | | 17.5 | | | | 16.6 | | | | 15.3 | | | 80 | |
| 85 | 11.7 | 10.2 | | | 17.3 | | | | 16.9 | | | | 16 | | | | 14.9 | | | 85 | |
| 90 | 10.9 | 9.6 | | | 16.5 | 11.8 | | | 16.2 | | | | 15.5 | | | | 14.4 | | | 90 | |
| 95 | 10.2 | 9 | | | 15.8 | 11.4 | | | 15.6 | 11.3 | | | 15 | | | | 14 | | | 95 | |
| 100 | 9.5 | 8.5 | 6.9 | | 15.1 | 11 | | | 15 | 10.9 | | | 14.4 | 10.6 | | | 13.6 | | | 100 | |
| 105 | 8.9 | 8.1 | 6.7 | | 14.4 | 10.5 | | | 14.4 | 10.5 | | | 14 | 10.3 | | | 13.1 | | | 105 | |
| 110 | 8.3 | 7.7 | 6.4 | | 13.8 | 10.1 | | | 13.8 | 10.1 | | | 13.5 | 9.9 | | | 12.7 | 9.5 | | 110 | |
| 115 | 7.9 | 7.3 | 6.2 | | 13.1 | 9.7 | 6.9 | | 13.2 | 9.7 | | | 13 | 9.5 | | | 12.3 | 9.2 | | 115 | |
| 120 | 7.4 | 6.9 | 6 | 3.4 | 12.5 | 9.3 | 6.9 | | 12.7 | 9.4 | 6.7 | | 12.5 | 9.2 | | | 11.9 | 8.9 | | 120 | |
| 125 | 7 | 6.6 | 5.8 | 3.3 | 11.9 | 9 | 6.7 | | 12.1 | 9 | 6.7 | | 12 | 8.9 | | | 11.6 | 8.6 | | 125 | |
| 130 | 6.7 | 6.3 | 5.6 | 3.2 | 11.4 | 8.6 | 6.5 | | 11.6 | 8.7 | 6.5 | | 11.6 | 8.6 | 6.5 | | 11.2 | 8.3 | | 130 | |
| 135 | 6.3 | 6 | 5.4 | 3.2 | 10.8 | 8.3 | 6.3 | 3.6 | 11.1 | 8.4 | 6.4 | | 11.1 | 8.3 | 6.3 | | 10.8 | 8.1 | 6.2 | 135 | |
| 140 | 6 | 5.7 | 5.3 | 3.2 | 10.3 | 8.1 | 6.2 | 3.6 | 10.7 | 8.1 | 6.2 | 3.6 | 10.7 | 8.1 | 6.2 | | 10.4 | 7.9 | 6.1 | 140 | |
| 145 | 5.7 | 5.5 | 5.2 | 3.1 | 9.8 | 7.8 | 6.1 | 3.6 | 10.2 | 7.9 | 6.1 | 3.6 | 10.2 | 7.8 | 6.1 | 3.6 | 10 | 7.6 | 6 | 145 | |
| 150 | 5.5 | 5.3 | 5.2 | | 9.4 | 7.5 | 5.9 | 3.6 | 9.8 | 7.6 | 6 | 3.6 | 9.9 | 7.6 | 6 | 3.6 | 9.6 | 7.4 | 5.9 | 3.6 | 150 |
| 155 | 5.2 | 5.1 | | | 9 | 7.3 | 5.8 | | 9.3 | 7.4 | 5.8 | 3.6 | 9.5 | 7.4 | 5.9 | 3.6 | 9.3 | 7.3 | 5.8 | 3.6 | 155 |
| 160 | | | | | 8.6 | 7.1 | 5.7 | | 9 | 7.2 | 5.7 | 3.6 | 9.1 | 7.2 | 5.7 | 3.6 | 8.9 | 7.1 | 5.7 | 3.6 | 160 |
| 165 | | | | | 8.2 | 6.9 | 5.6 | | 8.6 | 7 | 5.6 | | 8.8 | 7 | 5.7 | 3.6 | 8.5 | 6.9 | 5.6 | 3.6 | 165 |
| 170 | | | | | 7.9 | 6.7 | 5.5 | | 8.3 | 6.8 | 5.5 | | 8.4 | 6.9 | 5.6 | 3.6 | 8.2 | 6.8 | 5.5 | 3.6 | 170 |
| 175 | | | | | 7.6 | 6.4 | 5.4 | | 7.9 | 6.6 | 5.5 | | 8.1 | 6.7 | 5.5 | | 7.8 | 6.6 | 5.5 | 3.6 | 175 |
| 180 | | | | | 7.3 | 6.3 | 5.3 | | 7.7 | 6.4 | 5.4 | | 7.9 | 6.5 | 5.4 | | 7.4 | 6.5 | 5.4 | | 180 |
| 185 | | | | | 7.1 | 6.1 | 5.3 | | 7.4 | 6.3 | 5.3 | | 7.6 | 6.4 | 5.3 | | 7 | 6.3 | 5.3 | | 185 |
| 190 | | | | | 6.8 | 5.9 | 5.2 | | 7.2 | 6.1 | 5.3 | | 7.3 | 6.2 | 5.3 | | 6.6 | 6.2 | 5.3 | | 190 |
| 195 | | | | | 6.6 | 5.7 | 5.2 | | 6.9 | 5.9 | 5.2 | | 7.1 | 6 | 5.2 | | 6.2 | 6.1 | 5.2 | | 195 |
| 200 | | | | | 6.4 | 5.6 | | | 6.7 | 5.8 | 5.2 | | 6.8 | 5.9 | 5.2 | | 5.8 | 5.9 | 5.2 | | 200 |
| 205 | | | | | 6.1 | 5.5 | | | 6.5 | 5.6 | 5.2 | | 6.5 | 5.8 | 5.2 | | 5.3 | 5.7 | 5.1 | | 205 |
| 210 | | | | | 5.9 | 5.3 | | | 6.3 | 5.5 | | | 6.2 | 5.6 | 5.1 | | 5 | 5.5 | 5.1 | | 210 |
| 215 | | | | | 5.8 | 5.2 | | | 6.1 | 5.4 | | | 6 | 5.5 | 5.1 | | 4.6 | 5.3 | 5.1 | | 215 |
| 220 | | | | | 5.6 | 5.1 | | | 5.9 | 5.3 | | | 5.6 | 5.4 | 5.1 | | 4.2 | 5.1 | 5.1 | | 220 |
| 225 | | | | | 5.4 | 5 | | | 5.7 | 5.2 | | | 5.3 | 5.3 | | | 3.8 | 4.8 | 5 | | 225 |
| 230 | | | | | 5.3 | | | | 5.6 | 5.1 | | | 4.9 | 5.2 | | | 3.4 | 4.4 | | | 230 |
| 235 | | | | | 5.1 | | | | 5.4 | 5 | | | 4.5 | 5 | | | 3 | 4 | | | 235 |
| 240 | | | | | 5 | | | | 5.3 | 4.9 | | | 4.2 | 4.8 | | | | 3.6 | | | 240 |
| 245 | | | | | | | | | 5.2 | | | | 3.8 | 4.5 | | | | 3.2 | | | 245 |
| 250 | | | | | | | | | 5 | | | | 3.5 | 4.1 | | | | | | | 250 |
| 255 | | | | | | | | | 4.9 | | | | 3.2 | 3.7 | | | | | | | 255 |
| 260 | | | | | | | | | | | | | 2.9 | | | | | | | | 260 |

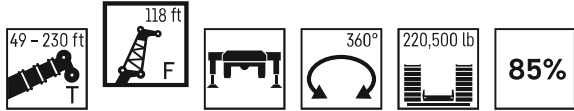
* adapter - pièce d'adaptateur

t_180_51605_00_000 / 51625_00_000 / 51645_00_000 / 51665_00_000

Lifting capacities

Forces de levage

TF 118 ft



| | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | 227 ft + 8 ft* | | | | 230 ft + 8 ft* | |
|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | |
| 70 | 13.7 | | | | | | | | | | | | | 70 |
| 75 | 13.5 | | | | 9.6 | | | | | | | | | 75 |
| 80 | 13.3 | | | | 9.5 | | | | 6.3 | | | | 5.5 | 80 |
| 85 | 13.1 | | | | 9.4 | | | | 6.4 | | | | 5.5 | 85 |
| 90 | 12.8 | | | | 9.3 | | | | 6.4 | | | | 5.5 | 90 |
| 95 | 12.5 | | | | 9.2 | | | | 6.4 | | | | 5.5 | 95 |
| 100 | 12.2 | | | | 9 | | | | 6.3 | | | | 5.5 | 100 |
| 105 | 11.9 | | | | 8.9 | | | | 6.2 | | | | 5.5 | 105 |
| 110 | 11.6 | | | | 8.8 | | | | 6.1 | | | | 5.4 | 110 |
| 115 | 11.3 | 8.5 | | | 8.5 | | | | 6 | | | | 5.4 | 115 |
| 120 | 10.9 | 8.3 | | | 8.2 | 6.9 | | | 5.9 | | | | 5.3 | 120 |
| 125 | 10.6 | 8.1 | | | 8 | 6.8 | | | 5.7 | | | | 5.3 | 125 |
| 130 | 10.2 | 7.8 | | | 7.7 | 6.6 | | | 5.6 | 6 | | | 5.2 | 130 |
| 135 | 9.8 | 7.6 | | | 7.4 | 6.5 | | | 5.3 | 5.8 | | | 5 | 135 |
| 140 | 9.4 | 7.5 | 5.9 | | 7.2 | 6.3 | | | 5.1 | 5.7 | | | 4.8 | 140 |
| 145 | 9 | 7.3 | 5.9 | | 6.9 | 6.1 | | | 4.8 | 5.5 | | | 4.5 | 145 |
| 150 | 8.6 | 7.1 | 5.8 | | 6.7 | 5.9 | | | 4.4 | 5.4 | | | 4.2 | 150 |
| 155 | 8.2 | 7 | 5.7 | | 6.4 | 5.8 | | | 4.1 | 5.1 | | | 3.8 | 155 |
| 160 | 7.7 | 6.8 | 5.6 | 3.5 | 6.2 | 5.6 | 5 | | 3.7 | 4.9 | | | 3.5 | 160 |
| 165 | 7.3 | 6.7 | 5.5 | 3.5 | 5.9 | 5.5 | 4.8 | | 3.2 | 4.6 | | | 3.1 | 165 |
| 170 | 6.9 | 6.6 | 5.5 | 3.6 | 5.6 | 5.3 | 4.7 | | 2.8 | 4.3 | 4.3 | | 2.7 | 170 |
| 175 | 6.5 | 6.4 | 5.4 | 3.6 | 5.3 | 5.2 | 4.6 | 3.6 | | 4 | 4.2 | | | 175 |
| 180 | 6.1 | 6.3 | 5.3 | 3.6 | 5 | 5.1 | 4.5 | 3.6 | | 3.6 | 4.1 | 3.6 | | 180 |
| 185 | 5.7 | 6.1 | 5.3 | | 4.7 | 4.9 | 4.4 | 3.6 | | 3.2 | 4 | 3.6 | | 185 |
| 190 | 5.3 | 6 | 5.2 | | 4.3 | 4.8 | 4.3 | 3.6 | | 2.8 | 3.9 | 3.6 | | 190 |
| 195 | 4.9 | 5.8 | 5.2 | | 4 | 4.6 | 4.3 | | | | 3.6 | | | 195 |
| 200 | 4.5 | 5.6 | 5.1 | | 3.6 | 4.4 | 4.2 | | | | 3.3 | | | 200 |
| 205 | 4.1 | 5.3 | 5.1 | | 3.3 | 4.2 | 4.1 | | | | | | | 205 |
| 210 | 3.8 | 4.9 | 5 | | | 4 | 4 | | | | | | | 210 |
| 215 | 3.4 | 4.6 | 4.9 | | | 3.8 | 4 | | | | | | | 215 |
| 220 | 3 | 4.2 | 4.8 | | | 3.4 | 3.8 | | | | | | | 220 |
| 225 | | 3.8 | 4.5 | | | 3.1 | 3.7 | | | | | | | 225 |
| 230 | | 3.4 | 4.2 | | | | 3.5 | | | | | | | 230 |
| 235 | | 3.1 | 3.8 | | | | 3.2 | | | | | | | 235 |
| 240 | | | 3.4 | | | | 2.8 | | | | | | | 240 |

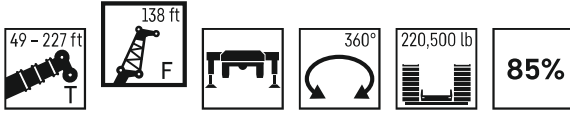
* adapter - pièce d'adaptateur

† 180_51605_00_000 / 51625_00_000 / 51645_00_000 / 51665_00_000

Lifting capacities

Forces de levage

TF 138 ft



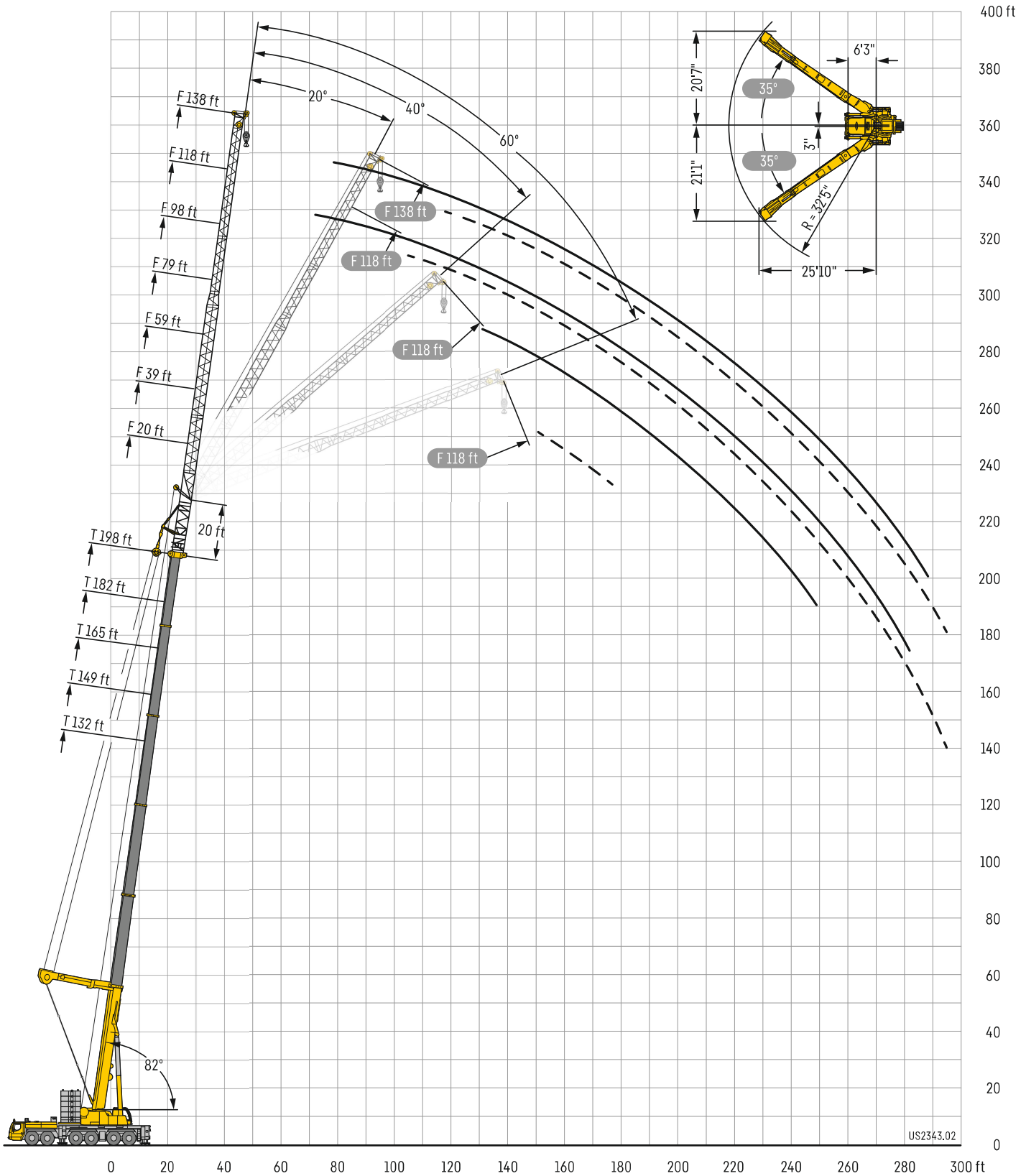
| | 49 ft + 8 ft* | | | 132 ft + 8 ft* | | | 149 ft + 8 ft* | | | 165 ft + 8 ft* | | | 182 ft + 8 ft* | | | 198 ft + 8 ft* | | | 215 ft + 8 ft* | | | 227 ft + 8 ft* | | | | | | | |
|-----|---------------|-----|-----|----------------|------|-----|----------------|-----|------|----------------|-----|------|----------------|-----|------|----------------|-----|------|----------------|-----|-----|----------------|-----|-----|-----|-----|-----|-----|-----|
| | F 138 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° | | | | | |
| 32 | 18.7 | | | | | | | | | | | | | | | | | | | | | | | | 32 | | | | |
| 34 | 18.6 | | | | | | | | | | | | | | | | | | | | | | | | 34 | | | | |
| 36 | 18.4 | | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | |
| 38 | 17.9 | | | | | | | | | | | | | | | | | | | | | | | | 38 | | | | |
| 40 | 17.5 | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | |
| 42 | 17.1 | | | | | | | | | | | | | | | | | | | | | | | | 42 | | | | |
| 44 | 16.6 | | | | | | | | | | | | | | | | | | | | | | | | 44 | | | | |
| 46 | 16.2 | | | | | | | | | | | | | | | | | | | | | | | | 46 | | | | |
| 48 | 15.9 | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | | |
| 50 | 15.5 | | | | 18.5 | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| 55 | 14.6 | | | | 17.9 | | | | 16.8 | | | | | | | | | | | | | | | | 55 | | | | |
| 60 | 13.8 | | | | 17.2 | | | | 16.4 | | | | | | | | | | | | | | | | 60 | | | | |
| 65 | 13 | | | | 16.4 | | | | 15.7 | | | 14.6 | | | | | | | | | | | | | 65 | | | | |
| 70 | 12.3 | | | | 15.8 | | | | 15.1 | | | 14.1 | | | 12.8 | | | | | | | | | | 70 | | | | |
| 75 | 11.5 | | | | 15.1 | | | | 14.5 | | | 13.7 | | | 12.5 | | | 10.8 | | | | | | | 75 | | | | |
| 80 | 10.8 | | | | 14.5 | | | | 14 | | | 13.2 | | | 12.1 | | | 10.7 | | | | | | | 80 | | | | |
| 85 | 10.1 | 8.4 | | | 13.9 | | | | 13.5 | | | 12.8 | | | 11.7 | | | 10.5 | | | | 7.1 | | 3.6 | 85 | | | | |
| 90 | 9.5 | 7.9 | | | 13.4 | | | | 13 | | | 12.3 | | | 11.4 | | | 10.2 | | | | 7 | | 3.6 | 90 | | | | |
| 95 | 8.9 | 7.5 | | | 12.9 | | | | 12.5 | | | 11.9 | | | 11.1 | | | 9.9 | | | | 6.9 | | 3.5 | 95 | | | | |
| 100 | 8.3 | 7.1 | | | 12.3 | 8.6 | | | 12.1 | 8.3 | | 11.6 | | | 10.8 | | | 9.6 | | | | 6.8 | | 3.5 | 100 | | | | |
| 105 | 7.8 | 6.7 | | | 11.8 | 8.3 | | | 11.6 | 8.2 | | 11.2 | | | 10.4 | | | 9.4 | | | | 6.7 | | 3.5 | 105 | | | | |
| 110 | 7.3 | 6.3 | | | 11.3 | 7.9 | | | 11.2 | 7.9 | | 10.8 | 7.6 | | 10.1 | | | 9.1 | | | | 6.6 | | 3.5 | 110 | | | | |
| 115 | 6.9 | 6 | 4.6 | | 10.8 | 7.6 | | | 10.7 | 7.6 | | 10.4 | 7.4 | | 9.8 | 6.9 | | 8.8 | | | | 6.5 | | 3.5 | 115 | | | | |
| 120 | 6.5 | 5.7 | 4.5 | | 10.3 | 7.4 | | | 10.3 | 7.3 | | 10 | 7.2 | | 9.5 | 6.9 | | 8.6 | | | | 6.4 | | 3.5 | 120 | | | | |
| 125 | 6.1 | 5.4 | 4.3 | | 9.8 | 7.1 | | | 9.9 | 7 | | 9.7 | 6.9 | | 9.2 | 6.7 | | 8.3 | | | | 6.2 | | 3.4 | 125 | | | | |
| 130 | 5.8 | 5.2 | 4 | | 9.4 | 6.8 | | | 9.5 | 6.8 | | 9.3 | 6.7 | | 8.9 | 6.5 | | 8.1 | 6.1 | | | 6 | | 3.4 | 130 | | | | |
| 135 | 5.5 | 4.9 | 3.8 | | 9 | 6.6 | 4.8 | | 9.1 | 6.6 | | 9 | 6.5 | | 8.5 | 6.3 | | 7.8 | 5.9 | | | 5.8 | | 3.3 | 135 | | | | |
| 140 | 5.2 | 4.7 | 3.6 | | 8.6 | 6.4 | 4.7 | | 8.7 | 6.4 | 4.6 | | 8.6 | 6.3 | 4.5 | | 8.2 | 6.1 | | 7.6 | 5.8 | | 5.7 | 4.8 | 3.2 | 140 | | | |
| 145 | 4.9 | 4.5 | 3.5 | | 8.2 | 6.1 | 4.5 | | 8.4 | 6.2 | 4.5 | | 8.3 | 6.1 | 4.5 | | 7.9 | 5.9 | | 7.4 | 5.6 | | 5.5 | 4.6 | 3.1 | 145 | | | |
| 150 | 4.6 | 4.3 | 3.3 | | 7.8 | 5.9 | 4.4 | | 8 | 6 | 4.4 | | 8 | 5.9 | 4.4 | | 7.7 | 5.7 | | 7.2 | 5.5 | | 5.3 | 4.5 | 2.9 | 3.7 | 150 | | |
| 155 | 4.4 | 4 | 3.2 | | 7.5 | 5.7 | 4.3 | | 7.7 | 5.8 | 4.3 | | 7.7 | 5.7 | 4.3 | | 7.5 | 5.6 | 4.2 | | 6.9 | 5.3 | | 5 | 4.3 | | 3.6 | 155 | |
| 160 | 4.2 | 3.8 | 3.1 | | 7.2 | 5.5 | 4.2 | | 7.4 | 5.6 | 4.2 | | 7.4 | 5.6 | 4.2 | | 7.2 | 5.4 | 4.1 | | 6.7 | 5.2 | | 4.8 | 4.2 | | 3.4 | 160 | |
| 165 | 3.9 | 3.6 | 3.1 | | 6.9 | 5.4 | 4.1 | | 7.1 | 5.4 | 4.1 | | 7.2 | 5.4 | 4.1 | | 7 | 5.3 | 4 | | 6.3 | 5.1 | | 4.6 | 4.1 | | 3.3 | 165 | |
| 170 | 3.8 | 3.5 | 3 | | 6.6 | 5.2 | 4 | | 6.8 | 5.3 | 4 | | 6.9 | 5.3 | 4 | | 6.7 | 5.1 | 3.9 | | 6 | 4.9 | 3.9 | | 4.4 | 3.9 | | 3.2 | 170 |
| 175 | 3.6 | 3.4 | | | 6.3 | 5 | 3.9 | | 6.6 | 5.1 | 3.9 | | 6.7 | 5.1 | 3.9 | | 6.5 | 5 | 3.9 | | 5.7 | 4.8 | 3.8 | | 4.2 | 3.8 | | 3 | 175 |
| 180 | | | | | 6.1 | 4.9 | 3.8 | | 6.3 | 5 | 3.8 | | 6.5 | 5 | 3.8 | | 6.2 | 4.9 | 3.8 | | 5.3 | 4.7 | 3.7 | | 4 | 3.7 | | | 180 |
| 185 | | | | | 5.9 | 4.8 | 3.7 | | 6.1 | 4.8 | 3.7 | | 6.2 | 4.8 | 3.7 | | 6 | 4.8 | 3.7 | | 5 | 4.6 | 3.6 | | 3.8 | 3.6 | | | 185 |
| 190 | | | | | 5.6 | 4.6 | 3.6 | | 5.9 | 4.7 | 3.7 | | 6 | 4.7 | 3.7 | | 5.7 | 4.6 | 3.7 | | 4.6 | 4.5 | 3.6 | | 3.5 | 3.4 | | | 190 |
| 195 | | | | | 5.4 | 4.5 | 3.6 | | 5.7 | 4.6 | 3.6 | | 5.8 | 4.6 | 3.6 | | 5.5 | 4.5 | 3.6 | | 4.3 | 4.4 | 3.5 | | 3.2 | 3.3 | | | 195 |
| 200 | | | | | 5.2 | 4.4 | 3.5 | | 5.5 | 4.4 | 3.5 | | 5.6 | 4.5 | 3.6 | | 5.1 | 4.4 | 3.5 | | 3.9 | 4.3 | 3.5 | | 2.8 | 3.2 | | | 200 |
| 205 | | | | | 5 | 4.2 | 3.5 | | 5.3 | 4.3 | 3.5 | | 5.4 | 4.4 | 3.5 | | 4.8 | 4.3 | 3.5 | | 3.6 | 4.2 | 3.4 | | | 3 | | | 205 |
| 210 | | | | | 4.8 | 4.1 | 3.4 | | 5.1 | 4.2 | 3.4 | | 5.2 | 4.3 | 3.5 | | 4.4 | 4.2 | 3.4 | | 3.2 | 4.1 | 3.4 | | | 2.9 | | | 210 |
| 215 | | | | | 4.6 | 4 | 3.4 | | 4.9 | 4.1 | 3.4 | | 5 | 4.2 | 3.4 | | 4 | 4.1 | 3.4 | | 2.8 | 4 | 3.4 | | | 2.7 | | | 215 |
| 220 | | | | | 4.5 | 3.9 | | | 4.7 | 4 | 3.4 | | 4.8 | 4.1 | 3.4 | | 3.7 | 4 | 3.4 | | | 3.8 | 3.3 | | | | | | 220 |
| 225 | | | | | 4.3 | 3.8 | | | 4.6 | 3.9 | 3.4 | | 4.5 | 4 | 3.3 | | 3.3 | 3.9 | 3.3 | | | 3.5 | 3.3 | | | | | | 225 |
| 230 | | | | | 4.1 | 3.7 | | | 4.4 | 3.8 | | | 4.3 | 3.9 | 3.3 | | | 3.7 | 3.3 | | | 3.1 | 3.3 | | | | | | 230 |
| 235 | | | | | 4 | 3.6 | | | 4.3 | 3.7 | | | 4.1 | 3.8 | 3.3 | | | 3.6 | 3.3 | | | 2.8 | 3.2 | | | | | | 235 |
| 240 | | | | | 3.9 | 3.5 | | | 4.1 | 3.6 | | | 3.8 | 3.7 | 3.3 | | | 3.4 | 3.3 | | | | 3.1 | | | | | | 240 |
| 245 | | | | | 3.7 | 3.4 | | | 4 | 3.6 | | | 3.4 | 3.6 | | | | 3.1 | 3.3 | | | | 2.9 | | | | | | 245 |
| 250 | | | | | 3.6 | | | | 3.9 | 3.5 | | | 3.1 | 3.5 | | | | | | | | | | | | | | | 250 |
| 255 | | | | | 3.5 | | | | 3.8 | 3.4 | | | 2.8 | 3.4 | | | | | | | | | | | | | | | 255 |
| 260 | | | | | 3.4 | | | | 3.6 | 3.4 | | | | 3.2 | | | | | | | | | | | | | | | 260 |
| 265 | | | | | | | | | 3.5 | | | | | 2.9 | | | | | | | | | | | | | | | 265 |
| 270 | | | | | | | | | 3.4 | | | | | | | | | | | | | | | | | | | | 270 |
| 275 | | | | | | | | | 3.3 | | | | | | | | | | | | | | | | | | | | 275 |

* adapter - pièce d'adaptateur

Lifting heights

Hauteurs de levage

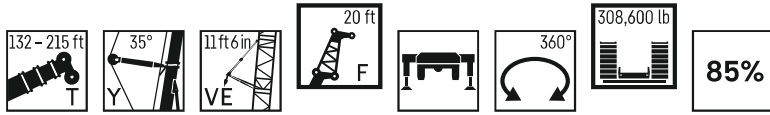
TYVEF



Lifting capacities

Forces de levage

TYVEF 20 ft



| | 132 ft + 20 ft* | | | 149 ft + 20 ft* | | | 165 ft + 20 ft* | | | 182 ft + 20 ft* | | | 198 ft + 20 ft* | | | 215 ft + 20 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 32 | 127.3 | | | | | | | | | | | | | | | | | | 32 |
| 34 | 127.3 | | | 122.1 | | | 104.3 | | | | | | | | | | | | 34 |
| 36 | 127.3 | | | 121.4 | | | 106.4 | | | | | | | | | | | | 36 |
| 38 | 127.3 | 83.5 | | 120.6 | 84 | | 110.5 | | | 93.7 | | | | | | | | | 38 |
| 40 | 127.1 | 82.9 | | 119.6 | 83.5 | | 110.1 | | | 97 | | | | | | | | | 40 |
| 45 | 122 | 80.6 | 62.8 | 116.2 | 82.1 | 63.4 | 108.1 | 82.6 | 63.6 | 96 | 82.5 | | 83.2 | | | | | | 45 |
| 50 | 115.4 | 78.2 | 61.9 | 111.2 | 80 | 62.4 | 104.3 | 81 | 62.7 | 94 | 81.6 | 63 | 81.8 | 78.9 | | 69.8 | | | 50 |
| 55 | 109.5 | 75.9 | 61 | 103.3 | 77.8 | 61.6 | 99.9 | 78.9 | 61.9 | 91.2 | 79.9 | 62.2 | 80.5 | 77.7 | 63.2 | 68.6 | 68.8 | | 55 |
| 60 | 102.9 | 73.8 | 60.2 | 96.3 | 75.8 | 60.8 | 94.8 | 77 | 61.2 | 88 | 78.1 | 61.5 | 78.3 | 76.9 | 62.5 | 67.5 | 67.8 | 62.1 | 60 |
| 65 | 96.5 | 71.9 | 59.6 | 90.3 | 73.9 | 60.1 | 89 | 75.2 | 60.5 | 83.1 | 76.4 | 60.8 | 76 | 75.3 | 61.9 | 66.4 | 66.7 | 61.5 | 65 |
| 70 | 90.4 | 70.1 | 58.9 | 84.9 | 72.1 | 59.5 | 83.9 | 73.5 | 59.9 | 78.2 | 74.3 | 60.2 | 73 | 72.8 | 61.3 | 64.9 | 65.3 | 61 | 70 |
| 75 | 84.6 | 68.4 | 58.3 | 79.9 | 70.5 | 58.9 | 79.3 | 71.9 | 59.3 | 73.8 | 72.1 | 59.7 | 68.9 | 69.9 | 60.8 | 63 | 63.5 | 60.4 | 75 |
| 80 | 79.2 | 66.9 | 57.9 | 74.9 | 69 | 58.4 | 75.1 | 70.2 | 58.8 | 69.9 | 69.9 | 59.2 | 65.1 | 66 | 60.3 | 60.6 | 61.2 | 59.9 | 80 |
| 85 | 73.7 | 65.5 | 57.5 | 70.5 | 67.5 | 58 | 71 | 68.3 | 58.3 | 66.3 | 66.4 | 58.7 | 61.8 | 62.5 | 59.8 | 57.4 | 57.9 | 58.2 | 85 |
| 90 | 68 | 64.2 | 57.2 | 66.4 | 66.1 | 57.6 | 67.1 | 66.6 | 57.9 | 62.8 | 63.1 | 58.3 | 58.6 | 59.5 | 58.9 | 54.5 | 54.8 | 55.3 | 90 |
| 95 | 62.8 | 62.7 | 57 | 62.2 | 63.5 | 57.2 | 63.5 | 64 | 57.6 | 59.3 | 60 | 57.6 | 55.7 | 56.6 | 56.6 | 51.7 | 52.1 | 52.5 | 95 |
| 100 | 58.1 | 59.7 | 56.8 | 57.8 | 59.5 | 57 | 60.1 | 60.7 | 57.1 | 56.2 | 56.8 | 56.5 | 52.7 | 53.8 | 54.2 | 49.1 | 49.5 | 49.9 | 100 |
| 105 | 53.9 | 55.4 | 55.8 | 53.6 | 55.1 | 55.7 | 56.5 | 57.6 | 56.6 | 53.3 | 53.9 | 54.4 | 49.9 | 51.1 | 51.6 | 46.5 | 47.1 | 47.5 | 105 |
| 110 | 50 | 51.4 | | 49.7 | 51.2 | 52 | 52.9 | 54.1 | 54.9 | 50.5 | 51.1 | 51.6 | 47.2 | 48.4 | 49 | 43.9 | 44.7 | 45.3 | 110 |
| 115 | 46.6 | 47.8 | | 46.1 | 47.6 | 48.3 | 49.5 | 50.6 | 51.3 | 47.6 | 48.5 | 49.1 | 44.8 | 45.9 | 46.5 | 41.6 | 42.3 | 43 | 115 |
| 120 | 43.1 | 44.4 | | 42.7 | 44.2 | 44.8 | 46.3 | 47.3 | 47.9 | 44.7 | 45.9 | 46.5 | 42.5 | 43.6 | 44.1 | 39.4 | 40.1 | 40.7 | 120 |
| 125 | 40.1 | 41.2 | | 39.6 | 41 | | 43.3 | 44.2 | 44.8 | 42 | 43.1 | 43.9 | 40.3 | 41.4 | 41.9 | 37.3 | 38 | 38.6 | 125 |
| 130 | 37.2 | 38.3 | | 36.8 | 38 | | 40.5 | 41.4 | 41.9 | 39.3 | 40.4 | 41.2 | 37.8 | 39.2 | 39.9 | 35.4 | 36 | 36.6 | 130 |
| 135 | 34.2 | 35.4 | | 34 | 35.2 | | 37.8 | 38.7 | 39.2 | 36.8 | 37.8 | 38.4 | 35.5 | 36.8 | 37.6 | 33.4 | 34.2 | 34.7 | 135 |
| 140 | 31.7 | 32.6 | | 31.4 | 32.6 | | 35.4 | 36.2 | | 34.4 | 35.2 | 35.8 | 33.2 | 34.6 | 35.3 | 31.4 | 32.3 | 32.9 | 140 |
| 145 | 28.1 | | | 29.1 | 30 | | 33 | 33.8 | | 31.9 | 32.9 | 33.4 | 31 | 32.4 | 33 | 29.3 | 30.3 | 31 | 145 |
| 150 | 23.8 | | | 26.8 | 27.7 | | 30.8 | 31.6 | | 29.8 | 30.6 | | 28.9 | 30.2 | 30.7 | 27.3 | 28.3 | 29 | 150 |
| 155 | 18.6 | | | 24.7 | | | 28.6 | 29.4 | | 27.6 | 28.5 | | 26.8 | 28 | 28.5 | 25.4 | 26.4 | 27 | 155 |
| 160 | 11.9 | | | 21.6 | | | 26.7 | 27.3 | | 25.7 | 26.4 | | 25 | 26 | | 23.7 | 24.6 | 25.2 | 160 |
| 165 | | | | 18 | | | 24.9 | 25.4 | | 23.9 | 24.6 | | 23.2 | 24.2 | | 22 | 22.8 | 23.3 | 165 |
| 170 | | | | 13.8 | | | 23 | 23.6 | | 22.2 | 22.7 | | 21.4 | 22.4 | | 20.3 | 21.1 | | 170 |
| 175 | | | | 8.5 | | | 20.2 | 21.2 | | 20.5 | 21.1 | | 19.8 | 20.7 | | 18.8 | 19.5 | | 175 |
| 180 | | | | | | | 17.1 | | | 19 | 19.5 | | 18.3 | 19.2 | | 17.1 | 17.9 | | 180 |
| 185 | | | | | | | 13.6 | | | 17.3 | 18 | | 16.9 | 17.7 | | 15.8 | 16.4 | | 185 |
| 190 | | | | | | | 9.3 | | | 14.9 | | | 15.5 | 16.2 | | 14.4 | 15 | | 190 |
| 195 | | | | | | | | | | 12.3 | | | 14.2 | 14.9 | | 13.1 | 13.6 | | 195 |
| 200 | | | | | | | | | | 9.4 | | | 12.6 | 13.5 | | 11.8 | 12.4 | | 200 |
| 205 | | | | | | | | | | 6 | | | 10.5 | | | 10.6 | 11.1 | | 205 |
| 210 | | | | | | | | | | | | | 8.4 | | | 9.5 | 9.9 | | 210 |
| 215 | | | | | | | | | | | | | 5.9 | | | 8 | 8.7 | | 215 |
| 220 | | | | | | | | | | | | | | | | 6.1 | | | 220 |

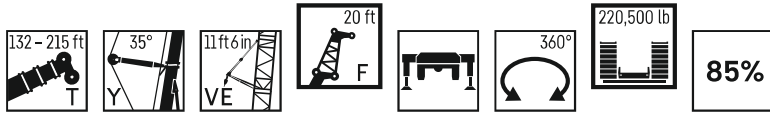
* adapter · pièce d'adaptateur

t_180_61101_00_000 / 61121_00_000 / 61141_00_000

Lifting capacities

Forces de levage

TYVEF 20 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | |
|-----|-----------------|------|------|------|-----------------|------|------|------|-----------------|-------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|----|----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | |
| 28 | 127.3 | | | | 121.5 | | | | | | | | | | | | | | | | | | | | 28 | | |
| 30 | 127.3 | | | | | | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 127.3 | | | | 122.1 | | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 127.3 | 84.6 | | | 122.1 | | | | | 106.5 | | | | | | | | | | | | | | | | 34 | |
| 36 | 127.3 | 84.1 | | | 121.4 | 84.4 | | | | 110.3 | | | | | | | | | | | | | | | | 36 | |
| 38 | 127.3 | 83.5 | 64.4 | | 120.6 | 84 | | | | 110.5 | | | 96.5 | | | | | | | | | | | | | 38 | |
| 40 | 127.1 | 82.9 | 63.9 | | 119.6 | 83.5 | | | | 110.1 | | | 97 | | | | | | | | | | | | | 40 | |
| 45 | 122 | 80.6 | 62.8 | 56 | 116.2 | 82.1 | 63.4 | 56 | 108.1 | 82.6 | 63.6 | | 96 | 82.5 | | | 83.2 | | | | | | | | | 45 | |
| 50 | 115.4 | 78.2 | 61.9 | 55.9 | 111.2 | 80 | 62.4 | 55.9 | 104.3 | 81 | 62.7 | 55.8 | 94 | 81.6 | 63 | | 81.8 | 78.9 | | | 69.8 | | | | | 50 | |
| 55 | 109.5 | 75.9 | 61 | 55.7 | 103.3 | 77.8 | 61.6 | 55.7 | 99.9 | 78.9 | 61.9 | 55.6 | 91.2 | 79.9 | 62.2 | 55.6 | 80.5 | 77.7 | 63.2 | | 68.6 | 68.8 | | | | | 55 |
| 60 | 100.8 | 73.8 | 60.2 | 55.4 | 96.1 | 75.8 | 60.8 | 55.6 | 94.8 | 77 | 61.2 | 55.6 | 88 | 78.1 | 61.5 | 55.5 | 78.3 | 76.9 | 62.5 | 56.2 | 67.5 | 67.8 | 62.1 | | | | 60 |
| 65 | 91.4 | 71.9 | 59.6 | | 88.2 | 73.9 | 60.1 | 55.3 | 88.9 | 75.2 | 60.5 | 55.4 | 83.1 | 76.4 | 60.8 | 55.4 | 76 | 75.3 | 61.9 | 56.2 | 66.4 | 66.7 | 61.5 | 56.1 | | | 65 |
| 70 | 83 | 70.1 | 58.9 | | 80.1 | 72.1 | 59.5 | | 81.6 | 73.5 | 59.9 | 55.1 | 77.8 | 74.3 | 60.2 | 55.2 | 73 | 72.8 | 61.3 | 56.2 | 64.9 | 65.3 | 61 | 56.1 | | | 70 |
| 75 | 75.6 | 68.4 | 58.3 | | 73 | 70.4 | 58.9 | | 74.8 | 71.2 | 59.3 | | 71.6 | 72.1 | 59.7 | 54.9 | 68.2 | 69.9 | 60.8 | 56.2 | 63 | 63.5 | 60.4 | 56.1 | | | 75 |
| 80 | 69.1 | 66.9 | 57.9 | | 66.7 | 68.8 | 58.4 | | 68.8 | 69.6 | 58.8 | | 65.8 | 67.8 | 59.2 | 54.7 | 62.9 | 65.3 | 60.3 | 56.2 | 59.7 | 61.2 | 59.9 | 56.1 | | | 80 |
| 85 | 63.2 | 64.7 | 57.5 | | 61.2 | 63.5 | 58 | | 63.5 | 65.1 | 58.3 | | 60.7 | 62.6 | 58.4 | 54.6 | 58 | 60.3 | 59.5 | 56.2 | 55.1 | 57.2 | 58.2 | 56.1 | | | 85 |
| 90 | 58 | 60.1 | 57.2 | | 56.2 | 58.4 | 57.4 | | 58.6 | 60.4 | 57.8 | | 56 | 57.8 | 58 | | 53.6 | 55.8 | 57.3 | 56.2 | 50.9 | 52.8 | 54.4 | 55.6 | | | 90 |
| 95 | 53 | 54.9 | 55.3 | | 51.6 | 53.7 | 55.1 | | 54.2 | 55.9 | 56.2 | | 51.7 | 53.4 | 54.7 | | 49.4 | 51.6 | 53.1 | | 46.9 | 48.7 | 50.2 | 51.3 | | | 95 |
| 100 | 48.5 | 50.2 | 51.2 | | 47.4 | 49.4 | 50.6 | | 50.1 | 51.7 | 53 | | 47.9 | 49.4 | 50.8 | | 45.6 | 47.6 | 49.1 | | 43.2 | 44.9 | 46.4 | | | | 100 |
| 105 | 44.3 | 46 | 46.8 | | 43.5 | 45.4 | 46.5 | | 46.5 | 47.9 | 49.1 | | 44.3 | 45.7 | 47 | | 42.1 | 44.1 | 45.3 | | 39.9 | 41.5 | 42.8 | | | | 105 |
| 110 | 40.4 | 42 | | | 40 | 41.7 | 42.6 | | 43 | 44.4 | 45.4 | | 40.9 | 42.3 | 43.4 | | 38.9 | 40.8 | 42 | | 36.7 | 38.3 | 39.5 | | | | 110 |
| 115 | 37.1 | 38.4 | | | 36.6 | 38.2 | 38.9 | | 39.9 | 41.1 | 42.1 | | 37.8 | 39.2 | 40.2 | | 36 | 37.7 | 38.9 | | 33.9 | 35.3 | 36.5 | | | | 115 |
| 120 | 33.8 | 35.2 | | | 33.4 | 34.9 | 35.6 | | 37 | 38.2 | 39 | | 35 | 36.2 | 37.2 | | 33.3 | 34.9 | 36 | | 31.3 | 32.7 | 33.7 | | | | 120 |
| 125 | 30.9 | 32 | | | 30.6 | 31.8 | | | 34.2 | 35.3 | 36 | | 32.4 | 33.6 | 34.5 | | 30.7 | 32.3 | 33.2 | | 28.8 | 30.1 | 31.1 | | | | 125 |
| 130 | 28.2 | 29.3 | | | 27.9 | 29.1 | | | 31.6 | 32.6 | 33.1 | | 30 | 31.1 | 31.9 | | 28.4 | 29.9 | 30.8 | | 26.6 | 27.8 | 28.7 | | | | 130 |
| 135 | 25.7 | 26.7 | | | 25.4 | 26.5 | | | 29.1 | 30 | 30.5 | | 27.7 | 28.8 | 29.5 | | 26.2 | 27.6 | 28.4 | | 24.4 | 25.6 | 26.4 | | | | 135 |
| 140 | 23.4 | 24.2 | | | 23.1 | 24.2 | | | 26.9 | 27.7 | | | 25.6 | 26.6 | 27.3 | | 24.2 | 25.5 | 26.3 | | 22.4 | 23.6 | 24.3 | | | | 140 |
| 145 | 21.3 | | | | 21 | 21.9 | | | 24.7 | 25.5 | | | 23.7 | 24.6 | 25.1 | | 22.2 | 23.6 | 24.2 | | 20.6 | 21.6 | 22.3 | | | | 145 |
| 150 | 19.2 | | | | 19 | 19.9 | | | 22.8 | 23.4 | | | 21.8 | 22.6 | | | 20.4 | 21.7 | 22.3 | | 18.8 | 19.8 | 20.5 | | | | 150 |
| 155 | 17.3 | | | | 17.1 | | | | 20.9 | 21.5 | | | 19.9 | 20.7 | | | 18.8 | 19.9 | 20.5 | | 17.2 | 18.1 | 18.7 | | | | 155 |
| 160 | 11.9 | | | | 15.4 | | | | 19.1 | 19.8 | | | 18.2 | 18.9 | | | 17.2 | 18.3 | | | 15.6 | 16.5 | 17.1 | | | | 160 |
| 165 | | | | | 13.8 | | | | 17.5 | 18 | | | 16.6 | 17.3 | | | 15.7 | 16.8 | | | 14.1 | 15 | 15.5 | | | | 165 |
| 170 | | | | | 12.2 | | | | 16 | 16.5 | | | 15.1 | 15.6 | | | 14.3 | 15.2 | | | 12.8 | 13.5 | | | | | 170 |
| 175 | | | | | 8.5 | | | | 14.5 | 15 | | | 13.6 | 14.2 | | | 12.9 | 13.8 | | | 11.5 | 12.2 | | | | | 175 |
| 180 | | | | | | | | | 13.2 | | | | 12.3 | 12.7 | | | 11.5 | 12.4 | | | 10.2 | 10.9 | | | | | 180 |
| 185 | | | | | | | | | 11.9 | | | | 11 | 11.4 | | | 10.3 | 11 | | | 9 | 9.7 | | | | | 185 |
| 190 | | | | | | | | | 9.2 | | | | 9.8 | | | | 9.1 | 9.8 | | | 7.8 | 8.5 | | | | | 190 |
| 195 | | | | | | | | | | | | | 8.6 | | | | 8 | 8.6 | | | 6.7 | 7.3 | | | | | 195 |
| 200 | | | | | | | | | | | | | 7.6 | | | | 6.9 | 7.5 | | | 5.6 | 6.2 | | | | | 200 |
| 205 | | | | | | | | | | | | | 5.8 | | | | 5.7 | | | | 4.5 | 5 | | | | | 205 |
| 210 | | | | | | | | | | | | | | | | | 4.6 | | | | 3.4 | 3.9 | | | | | 210 |
| 215 | | | | | | | | | | | | | | | | | 3.6 | | | | 2.7 | | | | | | 215 |

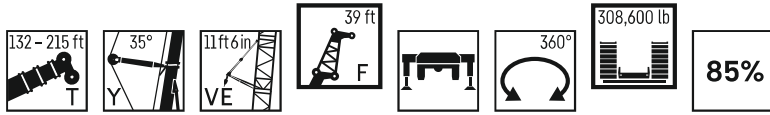
* adapter : pièce d'adaptateur

†_180_61105_00_000 / 61125_00_000 / 61145_00_000 / 61165_00_000

Lifting capacities

Forces de levage

TYVEF 39 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | |
|-----|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|------|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | |
| 36 | 85.5 | | | | 87 | | | | | | | | | | | | | | | | | | | | 36 | | |
| 38 | 83.4 | | | | 85 | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 81.4 | | | | 83.1 | | | | 82.6 | | | | | | | | | | | | | | | | | 40 | |
| 45 | 76.7 | | | | 78.7 | | | | 79 | | | | 79 | | | | | | | | | | | | | 45 | |
| 50 | 72.7 | 46.4 | | | 74.7 | 47.2 | | | 75.3 | | | | 75.6 | | | | 71.2 | | | | | | | | | 50 | |
| 55 | 68.8 | 44.8 | | | 71.1 | 45.6 | | | 71.9 | 46.1 | | | 72.4 | 47.3 | | | 69.5 | | | | | | 62.1 | | | 55 | |
| 60 | 65.5 | 43.3 | 33.4 | 25.1 | 67.8 | 44.2 | 33.7 | | 68.9 | 44.8 | | | 69.5 | 46.1 | | | 68.2 | | | | | 61.2 | | | | 60 | |
| 65 | 62.2 | 42 | 32.8 | 24.9 | 64.9 | 42.9 | 33.1 | 24.9 | 66 | 43.5 | 33.2 | | 66.9 | 44.8 | 33.9 | | 66.2 | 44.5 | | | | 60.2 | 43.9 | | | 65 | |
| 70 | 59.1 | 40.7 | 32.3 | 24.7 | 62.1 | 41.7 | 32.5 | 24.7 | 63.4 | 42.3 | 32.7 | 24.7 | 64.3 | 43.7 | 33.4 | 24.7 | 64 | 43.4 | 33.2 | | | 59.2 | 43 | | | 70 | |
| 75 | 56.3 | 39.5 | 31.8 | 24.4 | 59.4 | 40.6 | 32.1 | 24.5 | 61.1 | 41.2 | 32.2 | 24.5 | 62 | 42.6 | 33 | 24.6 | 61.9 | 42.4 | 32.8 | 24.4 | | 58.1 | 42.1 | 32.7 | | 75 | |
| 80 | 53.7 | 38.4 | 31.3 | 24.3 | 56.9 | 39.5 | 31.6 | 24.3 | 58.7 | 40.1 | 31.8 | 24.4 | 59.9 | 41.6 | 32.6 | 24.4 | 59.9 | 41.4 | 32.4 | 24.3 | | 56.4 | 41.2 | 32.3 | 25.4 | 80 | |
| 85 | 51.4 | 37.4 | 30.9 | | 54.4 | 38.5 | 31.2 | 24.2 | 56.5 | 39.2 | 31.4 | 24.2 | 57.8 | 40.6 | 32.1 | 24.2 | 57.3 | 40.5 | 32 | 24.1 | | 54.5 | 40.3 | 31.9 | 25.2 | 85 | |
| 90 | 49.3 | 36.4 | 30.5 | | 52.1 | 37.5 | 30.8 | | 54.4 | 38.3 | 31 | 24.1 | 55.8 | 39.7 | 31.8 | 24.1 | 55 | 39.7 | 31.7 | 24 | | 51.9 | 39.5 | 31.6 | 25.1 | 90 | |
| 95 | 47.2 | 35.5 | 30.1 | | 50.2 | 36.6 | 30.4 | | 52.4 | 37.4 | 30.6 | | 53.7 | 38.8 | 31.4 | 24 | 53.4 | 38.9 | 31.3 | 23.9 | | 49.3 | 38.8 | 31.3 | 25 | 95 | |
| 100 | 45.3 | 34.7 | 29.8 | | 48.4 | 35.8 | 30.1 | | 50.5 | 36.6 | 30.3 | | 51.8 | 38 | 31.1 | | 51.1 | 38.2 | 31 | 23.8 | | 46.9 | 38 | 31 | 24.9 | 100 | |
| 105 | 43.7 | 34 | 29.5 | | 46.5 | 35 | 29.9 | | 48.8 | 35.8 | 30 | | 49.8 | 37.3 | 30.8 | | 48.7 | 37.4 | 30.7 | 23.8 | | 44.7 | 37.3 | 30.7 | 24.8 | 105 | |
| 110 | 42.1 | 33.3 | 29.3 | | 44.8 | 34.3 | 29.6 | | 47.1 | 35.1 | 29.7 | | 48.1 | 36.5 | 30.5 | | 46.2 | 36.7 | 30.5 | 23.7 | | 42.5 | 36.7 | 30.4 | 24.8 | 110 | |
| 115 | 40.6 | 32.6 | 29.2 | | 43.4 | 33.7 | 29.4 | | 45.3 | 34.4 | 29.5 | | 46.3 | 35.8 | 30.2 | | 43.9 | 36.1 | 30.2 | | | 40.3 | 36.1 | 30.2 | 24.7 | 115 | |
| 120 | 39.3 | 32 | 29 | | 41.9 | 33 | 29.2 | | 43.4 | 33.8 | 29.3 | | 44.2 | 35.2 | 30 | | 41.7 | 35.4 | 30 | | | 38.2 | 35.5 | 30 | | 120 | |
| 125 | 38.1 | 31.5 | 28.8 | | 40.5 | 32.4 | 29 | | 42.1 | 33.2 | 29.1 | | 41.9 | 34.6 | 29.7 | | 39.6 | 34.8 | 29.8 | | | 36.2 | 35 | 29.8 | | 125 | |
| 130 | 36.9 | 31 | | | 38.6 | 31.9 | 28.9 | | 40.8 | 32.7 | 28.9 | | 39.5 | 34 | 29.6 | | 37.7 | 34.3 | 29.6 | | | 34.4 | 34.4 | 29.6 | | 130 | |
| 135 | 35.6 | 30.6 | | | 36.3 | 31.4 | 28.7 | | 39 | 32.2 | 28.8 | | 37.2 | 33.5 | 29.4 | | 35.8 | 33.8 | 29.4 | | | 32.6 | 33.5 | 29.4 | | 135 | |
| 140 | 33.9 | 30.2 | | | 33.8 | 30.9 | | | 36.6 | 31.7 | 28.7 | | 35 | 33 | 29.2 | | 33.7 | 33 | 29.3 | | | 31 | 32.2 | 29.2 | | 140 | |
| 145 | 31.9 | 29.8 | | | 31.3 | 30.5 | | | 34.4 | 31.1 | 28.6 | | 32.9 | 32.3 | 29.1 | | 31.7 | 32.4 | 29.1 | | | 29.3 | 30.5 | 29.1 | | 145 | |
| 150 | 29.6 | 29.5 | | | 29.1 | 29.6 | | | 32.3 | 30.6 | | | 28.5 | 30.9 | 31.7 | 29.1 | | 29.7 | 31.3 | 29 | | | 27.5 | 29 | 29 | | 150 |
| 155 | 27.5 | 28.4 | | | 26.9 | 28.5 | | | 30.2 | 30.2 | | | 28.9 | 31 | 29 | | | 27.8 | 29.6 | 28.9 | | | 25.8 | 27.5 | 28.2 | | 155 |
| 160 | 25.1 | 26.7 | | | 25.1 | 26.5 | | | 28.1 | 29 | | | 27 | 28.9 | 28.9 | | | 26.1 | 27.8 | 28.3 | | | 24 | 25.8 | 27 | | 160 |
| 165 | 21.7 | | | | 23.2 | 24.5 | | | 26.3 | 27.5 | | | 25.2 | 26.9 | 27.8 | | | 24.4 | 26 | 27.2 | | | 22.4 | 24.1 | 25.4 | | 165 |
| 170 | 18 | | | | 21.5 | 22.6 | | | 24.6 | 25.9 | | | 23.4 | 25.2 | | | | 22.8 | 24.3 | 25.3 | | | 20.9 | 22.5 | 23.7 | | 170 |
| 175 | 13.6 | | | | 19.2 | | | | 23 | 24.1 | | | 21.9 | 23.4 | | | | 21.3 | 22.7 | 23.6 | | | 19.4 | 21 | 22.1 | | 175 |
| 180 | 7.8 | | | | 16.4 | | | | 21.4 | 22.5 | | | 20.3 | 21.8 | | | | 19.7 | 21.1 | | | | 18.1 | 19.5 | 20.5 | | 180 |
| 185 | | | | | 13.3 | | | | 19.9 | 20.9 | | | 18.9 | 20.3 | | | | 18.3 | 19.6 | | | | 16.8 | 18.2 | 19.1 | | 185 |
| 190 | | | | | 9.6 | | | | 17.8 | 19.3 | | | 17.5 | 18.8 | | | | 16.9 | 18.1 | | | | 15.5 | 16.8 | | | 190 |
| 195 | | | | | 5.3 | | | | 15.4 | | | | 16.2 | 17.4 | | | | 15.6 | 16.8 | | | | 14.1 | 15.5 | | | 195 |
| 200 | | | | | | | | | 12.7 | | | | 14.9 | 16 | | | | 14.4 | 15.4 | | | | 13 | 14.2 | | | 200 |
| 205 | | | | | | | | | 9.6 | | | | 13 | 14.7 | | | | 13.1 | 14.2 | | | | 11.7 | 12.9 | | | 205 |
| 210 | | | | | | | | | 6.2 | | | | 10.9 | | | | | 12.1 | 12.9 | | | | 10.6 | 11.8 | | | 210 |
| 215 | | | | | | | | | | | | | 8.6 | | | | | 10.9 | 11.8 | | | | 9.6 | 10.6 | | | 215 |
| 220 | | | | | | | | | | | | | 6.2 | | | | | 9.2 | 10.6 | | | | 8.5 | 9.5 | | | 220 |
| 225 | | | | | | | | | | | | | | | | | | 7.3 | | | | | 7.4 | 8.4 | | | 225 |
| 230 | | | | | | | | | | | | | | | | | | 5.3 | | | | | 6.2 | 7.3 | | | 230 |
| 235 | | | | | | | | | | | | | | | | | | | | | | | 4.7 | 6.1 | | | 235 |
| 240 | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 240 |

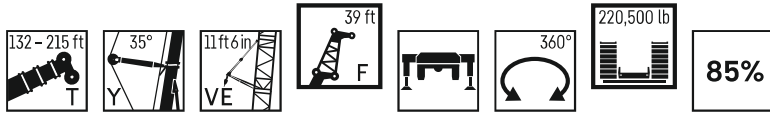
* adapter - pièce d'adaptateur

t_180_61201_00_000 / 61221_00_000 / 61241_00_000 / 61261_00_000

Lifting capacities

Forces de levage

TYVEF 39 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | | |
|-----|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|-----|-----|------|-----------------|------|------|------|------|------|------|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | | |
| 32 | 90 | | | | | | | | | | | | | | | | | | | | | | | | 32 | | | |
| 34 | 87.7 | | | | 88.6 | | | | | | | | | | | | | | | | | | | | 34 | | | |
| 36 | 85.5 | | | | 87 | | | | | | | | | | | | | | | | | | | | 36 | | | |
| 38 | 83.4 | | | | 85 | | | | | | | | | | | | | | | | | | | | 38 | | | |
| 40 | 81.4 | | | | 83.1 | | | | | 82.6 | | | | | | | | | | | | | | | 40 | | | |
| 45 | 76.7 | 48.1 | | | 78.7 | | | | | 79 | | | | 79 | | | | | | | | | | | 45 | | | |
| 50 | 72.7 | 46.4 | | | 74.7 | 47.2 | | | | 75.3 | | | | 75.6 | | | | | | | 71.2 | | | | 50 | | | |
| 55 | 68.8 | 44.8 | 34.1 | | 71.1 | 45.6 | | | | 71.9 | 46.1 | | | 72.4 | 47.3 | | | | | 69.5 | | | 62.1 | | 55 | | | |
| 60 | 65.5 | 43.3 | 33.4 | 25.1 | 67.8 | 44.2 | 33.7 | | | 68.9 | 44.8 | | | 69.5 | 46.1 | | | | | 68.2 | | | 61.2 | 43.9 | 60 | | | |
| 65 | 62.2 | 42 | 32.8 | 24.9 | 64.9 | 42.9 | 33.1 | 24.9 | | 66 | 43.5 | 33.2 | | 66.9 | 44.8 | 33.9 | | | | 66.2 | 44.5 | | 60.2 | 43.9 | 65 | | | |
| 70 | 59.1 | 40.7 | 32.3 | 24.7 | 62.1 | 41.7 | 32.5 | 24.7 | | 63.4 | 42.3 | 32.7 | 24.7 | 64.3 | 43.7 | 33.4 | 24.7 | | | 64 | 43.4 | 33.2 | | 59.2 | 43 | 70 | | |
| 75 | 56.3 | 39.5 | 31.8 | 24.4 | 59.4 | 40.6 | 32.1 | 24.5 | | 61.1 | 41.2 | 32.2 | 24.5 | 62 | 42.6 | 33 | 24.6 | | | 61.9 | 42.4 | 32.8 | 24.4 | 58.1 | 42.1 | 32.7 | 75 | |
| 80 | 53.7 | 38.4 | 31.3 | 24.3 | 56.9 | 39.5 | 31.6 | 24.3 | | 58.7 | 40.1 | 31.8 | 24.4 | 59.9 | 41.6 | 32.6 | 24.4 | | | 59.3 | 41.4 | 32.4 | 24.3 | 56.4 | 41.2 | 32.3 | 25.4 | 80 |
| 85 | 51.4 | 37.4 | 30.9 | | 54.4 | 38.5 | 31.2 | 24.2 | | 56.3 | 39.2 | 31.4 | 24.2 | 56.8 | 40.6 | 32.1 | 24.2 | | | 56.6 | 40.5 | 32 | 24.1 | 53.8 | 40.3 | 31.9 | 25.2 | 85 |
| 90 | 49.3 | 36.4 | 30.5 | | 52.1 | 37.5 | 30.8 | | | 53.9 | 38.3 | 31 | 24.1 | 54.1 | 39.7 | 31.8 | 24.1 | | | 53.2 | 39.7 | 31.7 | 24 | 49.9 | 39.5 | 31.6 | 25.1 | 90 |
| 95 | 47.2 | 35.5 | 30.1 | | 50.2 | 36.6 | 30.4 | | | 51.4 | 37.4 | 30.6 | | 51.1 | 38.8 | 31.4 | 24 | | | 49.2 | 38.9 | 31.3 | 23.9 | 46.2 | 38.8 | 31.3 | 25 | 95 |
| 100 | 45.3 | 34.7 | 29.8 | | 47.8 | 35.8 | 30.1 | | | 49.2 | 36.6 | 30.3 | | 47.6 | 38 | 31.1 | | | | 45.6 | 38.2 | 31 | 23.8 | 42.6 | 38 | 31 | 24.9 | 100 |
| 105 | 43.7 | 34 | 29.5 | | 44.6 | 35 | 29.9 | | | 46.5 | 35.8 | 30 | | 44.1 | 37.3 | 30.8 | | | | 42.2 | 37.4 | 30.7 | 23.8 | 39.5 | 37.3 | 30.7 | 24.8 | 105 |
| 110 | 42 | 33.3 | 29.3 | | 41.2 | 34.3 | 29.6 | | | 43.2 | 35.1 | 29.7 | | 40.9 | 36.5 | 30.5 | | | | 39.1 | 36.7 | 30.5 | 23.7 | 36.5 | 36.7 | 30.4 | 24.8 | 110 |
| 115 | 39.4 | 32.6 | 29.2 | | 38 | 33.7 | 29.4 | | | 40.2 | 34.4 | 29.5 | | 38 | 35.7 | 30.2 | | | | 36.3 | 35.8 | 30.2 | | 33.8 | 35.5 | 30.2 | 24.7 | 115 |
| 120 | 36.2 | 32 | 29 | | 35.1 | 33 | 29.2 | | | 37.4 | 33.8 | 29.3 | | 35.2 | 35.1 | 30 | | | | 33.7 | 35.1 | 30 | | 31.2 | 33.8 | 30 | | 120 |
| 125 | 33.3 | 31.5 | 28.8 | | 32.4 | 32.4 | 29 | | | 34.8 | 33.2 | 29.1 | | 32.7 | 34.2 | 29.7 | | | | 31.2 | 33.5 | 29.8 | | 28.9 | 31.5 | 29.8 | | 125 |
| 130 | 30.7 | 31 | | | 30 | 31.6 | 28.9 | | | 32.3 | 32.5 | 28.9 | | 30.4 | 33 | 29.5 | | | | 29 | 31.3 | 29.5 | | 26.7 | 29.1 | 29.4 | | 130 |
| 135 | 28.2 | 29.9 | | | 27.5 | 29.6 | 28.7 | | | 30.1 | 31.5 | 28.8 | | 28.2 | 30.6 | 29.4 | | | | 26.8 | 29.1 | 29.3 | | 24.6 | 27 | 28.4 | | 135 |
| 140 | 25.9 | 27.6 | | | 25.4 | 27.1 | | | | 28 | 29.9 | 28.7 | | 26.2 | 28.5 | 29.2 | | | | 24.9 | 27 | 28.2 | | 22.7 | 24.9 | 26.7 | | 140 |
| 145 | 23.8 | 25.3 | | | 23.2 | 24.9 | | | | 26 | 27.8 | 28.3 | | 24.3 | 26.5 | 27.9 | | | | 23 | 25 | 26.5 | | 20.9 | 23 | 24.7 | | 145 |
| 150 | 21.8 | 23.1 | | | 21.2 | 22.9 | | | | 24.2 | 25.7 | 26.7 | | 22.5 | 24.6 | 25.9 | | | | 21.3 | 23.2 | 24.6 | | 19.2 | 21.3 | 22.8 | | 150 |
| 155 | 19.9 | 21.1 | | | 19.3 | 20.8 | | | | 22.3 | 23.7 | | | 20.8 | 22.8 | 24 | | | | 19.6 | 21.4 | 22.7 | | 17.6 | 19.5 | 21 | | 155 |
| 160 | 18.1 | 19.2 | | | 17.6 | 19 | | | | 20.6 | 22 | | | 19.2 | 21.1 | 22.2 | | | | 18.1 | 19.8 | 21 | | 16.1 | 17.9 | 19.3 | | 160 |
| 165 | 16.5 | | | | 15.9 | 17.2 | | | | 18.9 | 20.2 | | | 17.8 | 19.5 | 20.4 | | | | 16.6 | 18.2 | 19.3 | | 14.7 | 16.4 | 17.7 | | 165 |
| 170 | 14.9 | | | | 14.4 | 15.5 | | | | 17.4 | 18.6 | | | 16.3 | 18 | | | | | 15.3 | 16.8 | 17.8 | | 13.4 | 15 | 16.1 | | 170 |
| 175 | 13.4 | | | | 13 | | | | | 16 | 17 | | | 14.9 | 16.5 | | | | | 14 | 15.4 | 16.3 | | 12.1 | 13.6 | 14.7 | | 175 |
| 180 | 7.8 | | | | 11.6 | | | | | 14.6 | 15.6 | | | 13.5 | 15 | | | | | 12.7 | 14.1 | | | 10.9 | 12.3 | 13.3 | | 180 |
| 185 | | | | | 10.3 | | | | | 13.3 | 14.2 | | | 12.3 | 13.6 | | | | | 11.6 | 12.9 | | | 9.8 | 11.1 | 12 | | 185 |
| 190 | | | | | 9.1 | | | | | 12.1 | 12.9 | | | 11.1 | 12.3 | | | | | 10.4 | 11.6 | | | 8.7 | 9.9 | | | 190 |
| 195 | | | | | 5.3 | | | | | 11 | | | | 9.9 | 11.1 | | | | | 9.3 | 10.4 | | | 7.6 | 8.9 | | | 195 |
| 200 | | | | | | | | | | 9.9 | | | | 8.8 | 9.9 | | | | | 8.3 | 9.2 | | | 6.6 | 7.8 | | | 200 |
| 205 | | | | | | | | | | 8.9 | | | | 7.9 | 8.8 | | | | | 7.3 | 8.2 | | | 5.6 | 6.7 | | | 205 |
| 210 | | | | | | | | | | 6.1 | | | | 7 | | | | | | 6.3 | 7.2 | | | 4.6 | 5.7 | | | 210 |
| 215 | | | | | | | | | | | | | | 6 | | | | | | 5.2 | 6.2 | | | | 4.7 | | | 215 |
| 220 | | | | | | | | | | | | | | 5 | | | | | | 4.3 | 5 | | | | | | | 220 |
| 225 | | | | | | | | | | | | | | | | | | | | 3.3 | | | | | | | | 225 |

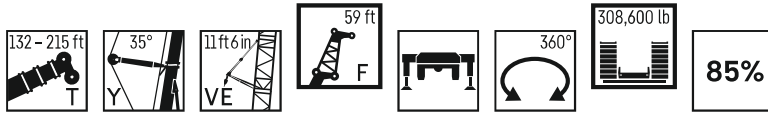
* adapter - pièce d'adaptateur

† 180_61205_00_000 / 61225_00_000 / 61245_00_000 / 61265_00_000

Lifting capacities

Forces de levage

TYVEF 59 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | |
|-----|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|------|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | |
| 36 | 63.5 | | | | | | | | | | | | | | | | | | | | | | | | 36 | | |
| 38 | 61.9 | | | | 62.6 | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 60.4 | | | | 61.2 | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 56.8 | | | | 57.8 | | | | 57.8 | | | | 57.2 | | | | | | | | | | | | | 45 | |
| 50 | 53.6 | | | | 54.8 | | | | 55 | | | | 55.1 | | | | 53 | | | | | | | | | 50 | |
| 55 | 50.9 | 32.6 | | | 52.1 | | | | 52.5 | | | | 52.7 | | | | 51.6 | | | | | 50.2 | | | | 55 | |
| 60 | 48.2 | 31.4 | | | 49.7 | 32 | | | 50.2 | 32.1 | | | 50.5 | | | | 49.7 | | | | | 48.6 | | | | 60 | |
| 65 | 46.1 | 30.3 | | | 47.3 | 30.9 | | | 48 | 31.1 | | | 48.4 | 31.4 | | | 47.8 | | | | | 47 | | | | 65 | |
| 70 | 43.9 | 29.3 | 22.1 | | 45.4 | 29.9 | | | 46 | 30.2 | | | 46.6 | 30.5 | | | 46 | 30.9 | | | | 45.5 | | | | 70 | |
| 75 | 41.9 | 28.3 | 21.6 | | 43.4 | 29 | 21.8 | | 44.2 | 29.3 | 21.8 | | 44.8 | 29.6 | | | 44.4 | 30.1 | | | | 44 | 30 | | | 75 | |
| 80 | 39.9 | 27.4 | 21.1 | 14.2 | 41.6 | 28.1 | 21.3 | 14.2 | 42.5 | 28.5 | 21.4 | | 43.1 | 28.8 | 21.5 | | 42.9 | 29.4 | | | | 42.6 | 29.3 | | | 80 | |
| 85 | 38.1 | 26.6 | 20.6 | 14.1 | 39.9 | 27.3 | 20.8 | 14.1 | 40.9 | 27.7 | 21 | 14 | 41.7 | 28.1 | 21.1 | | 41.4 | 28.6 | 21.7 | | | 41.4 | 28.6 | | | 85 | |
| 90 | 36.3 | 25.8 | 20.2 | 13.9 | 38.3 | 26.5 | 20.4 | 14 | 39.3 | 26.9 | 20.5 | 13.9 | 40.2 | 27.4 | 20.7 | 13.9 | 40.2 | 28 | 21.4 | | | 40.2 | 28 | 21.3 | | 90 | |
| 95 | 34.8 | 25.1 | 19.7 | 13.8 | 36.7 | 25.8 | 20 | 13.8 | 38 | 26.2 | 20.2 | 13.8 | 38.7 | 26.7 | 20.3 | 13.8 | 38.9 | 27.3 | 21.1 | 14.4 | | 39 | 27.4 | 21.1 | | 95 | |
| 100 | 33.4 | 24.4 | 19.4 | 13.7 | 35.3 | 25.1 | 19.7 | 13.7 | 36.7 | 25.6 | 19.8 | 13.7 | 37.5 | 26.1 | 20 | 13.7 | 37.7 | 26.7 | 20.8 | 14.3 | | 38 | 26.8 | 20.8 | 14.2 | 100 | |
| 105 | 32 | 23.8 | 19 | | 34 | 24.5 | 19.3 | 13.6 | 35.4 | 25 | 19.5 | 13.6 | 36.4 | 25.5 | 19.7 | 13.6 | 36.6 | 26.1 | 20.5 | 14.2 | | 36.9 | 26.3 | 20.5 | 14.2 | 105 | |
| 110 | 30.6 | 23.2 | 18.7 | | 32.7 | 23.9 | 19 | | 34.2 | 24.4 | 19.2 | 13.5 | 35.2 | 24.9 | 19.4 | 13.5 | 35.5 | 25.6 | 20.2 | 14.1 | | 35.9 | 25.7 | 20.2 | 14.1 | 110 | |
| 115 | 29.5 | 22.6 | 18.4 | | 31.4 | 23.3 | 18.7 | | 33 | 23.8 | 18.9 | | 34.1 | 24.3 | 19.1 | 13.4 | 34.5 | 25 | 19.9 | 14 | | 35 | 25.2 | 20 | 14 | 115 | |
| 120 | 28.4 | 22.1 | 18.1 | | 30.2 | 22.8 | 18.4 | | 31.8 | 23.3 | 18.6 | | 33.1 | 23.8 | 18.8 | | 33.5 | 24.5 | 19.7 | 14 | | 34.1 | 24.8 | 19.7 | 14 | 120 | |
| 125 | 27.4 | 21.6 | 17.9 | | 29.2 | 22.3 | 18.1 | | 30.7 | 22.8 | 18.4 | | 32.1 | 23.3 | 18.5 | | 32.6 | 24.1 | 19.4 | | | 33.2 | 24.3 | 19.5 | 13.9 | 125 | |
| 130 | 26.5 | 21.1 | 17.7 | | 28.2 | 21.8 | 17.9 | | 29.6 | 22.4 | 18.1 | | 31 | 22.8 | 18.3 | | 31.7 | 23.6 | 19.2 | | | 32.4 | 23.9 | 19.3 | 13.9 | 130 | |
| 135 | 25.6 | 20.6 | 17.5 | | 27.3 | 21.4 | 17.7 | | 28.7 | 21.9 | 17.9 | | 30 | 22.4 | 18.1 | | 30.8 | 23.2 | 19 | | | 31.6 | 23.5 | 19.1 | 13.8 | 135 | |
| 140 | 24.8 | 20.2 | 17.3 | | 26.4 | 20.9 | 17.5 | | 27.8 | 21.5 | 17.7 | | 29.2 | 22 | 17.9 | | 30 | 22.8 | 18.8 | | | 30.4 | 23.1 | 18.9 | | 140 | |
| 145 | 24 | 19.7 | 17.1 | | 25.6 | 20.5 | 17.3 | | 27 | 21.1 | 17.5 | | 28.3 | 21.6 | 17.7 | | 29.1 | 22.4 | 18.6 | | | 29.2 | 22.7 | 18.7 | | 145 | |
| 150 | 23.2 | 19.4 | | | 24.9 | 20.1 | 17.2 | | 26.1 | 20.7 | 17.4 | | 27.5 | 21.2 | 17.5 | | 27.9 | 22 | 18.4 | | | 27.8 | 22.3 | 18.5 | | 150 | |
| 155 | 22.5 | 19 | | | 24.2 | 19.7 | 17.1 | | 25.5 | 20.2 | 17.2 | | 26.5 | 20.8 | 17.4 | | 27.1 | 21.7 | 18.2 | | | 26.3 | 22 | 18.3 | | 155 | |
| 160 | 21.8 | 18.6 | | | 23.4 | 19.3 | | | 24.8 | 19.9 | 17.1 | | 25.7 | 20.4 | 17.2 | | 26.3 | 21.3 | 18.1 | | | 24.7 | 21.6 | 18.2 | | 160 | |
| 165 | 21.1 | 18.4 | | | 22.8 | 19 | | | 23.9 | 19.5 | 17 | | 25 | 20 | 17.1 | | 24.8 | 21 | 17.9 | | | 23.1 | 21.3 | 18 | | 165 | |
| 170 | 20.4 | 18.1 | | | 22.1 | 18.6 | | | 23.2 | 19.2 | | | 24.4 | 19.7 | 17 | | 23.3 | 20.7 | 17.8 | | | 21.6 | 21 | 17.9 | | 170 | |
| 175 | 19.7 | 17.9 | | | 21.1 | 18.4 | | | 22.6 | 18.9 | | | 23.2 | 19.4 | 16.9 | | 21.8 | 20.4 | 17.7 | | | 20.2 | 20.7 | 17.8 | | 175 | |
| 180 | 19 | | | | 20.2 | 18.1 | | | 22 | 18.6 | | | 21.7 | 19.1 | | | 20.5 | 20.1 | 17.6 | | | 18.9 | 20.3 | 17.7 | | 180 | |
| 185 | 16.9 | | | | 18.8 | 17.9 | | | 21.2 | 18.3 | | | 20.2 | 18.7 | | | 19.2 | 19.8 | 17.5 | | | 17.6 | 19.7 | 17.6 | | 185 | |
| 190 | 13.6 | | | | 17.2 | 17.6 | | | 20 | 18 | | | 18.9 | 18.4 | | | 17.9 | 19.4 | 17.5 | | | 16.4 | 18.4 | 17.5 | | 190 | |
| 195 | 9.7 | | | | 14.9 | | | | 18.8 | 17.8 | | | 17.6 | 18.2 | | | 16.6 | 18.8 | 17.4 | | | 15.2 | 17.2 | 17.4 | | 195 | |
| 200 | | | | | 12.4 | | | | 17.5 | 17.6 | | | 16.4 | 17.4 | | | 15.4 | 17.5 | | | | 14.2 | 16 | 17.2 | | 200 | |
| 205 | | | | | 9.7 | | | | 15.9 | 17.1 | | | 15.2 | 16.5 | | | 14.3 | 16.2 | | | | 13.1 | 14.8 | 16 | | 205 | |
| 210 | | | | | 6.6 | | | | 14 | 13.5 | | | 14.1 | 15.4 | | | 13.1 | 15 | | | | 12 | 13.7 | | | 210 | |
| 215 | | | | | | | | | 11.8 | | | | 12.9 | 14.2 | | | 12.1 | 13.8 | | | | 11 | 12.6 | | | 215 | |
| 220 | | | | | | | | | 9.4 | | | | 11.5 | 13.1 | | | 11.1 | 12.7 | | | | 9.9 | 11.5 | | | 220 | |
| 225 | | | | | | | | | 6.8 | | | | 9.8 | 11.8 | | | 10.1 | 11.6 | | | | 8.9 | 10.4 | | | 225 | |
| 230 | | | | | | | | | 3.6 | | | | 8 | | | | 9 | 10.5 | | | | 8 | 9.4 | | | 230 | |
| 235 | | | | | | | | | | | | | 6 | | | | 7.7 | 9.5 | | | | 7.1 | 8.4 | | | 235 | |
| 240 | | | | | | | | | | | | | 3.6 | | | | 6.2 | 8.3 | | | | 6.1 | 7.4 | | | 240 | |
| 245 | | | | | | | | | | | | | | | | | | | | | | 5.1 | 6.5 | | | 245 | |
| 250 | | | | | | | | | | | | | | | | | | | | | | 3.8 | 5.4 | | | 250 | |
| 255 | | | | | | | | | | | | | | | | | | | | | | | 4.2 | | | | 255 |

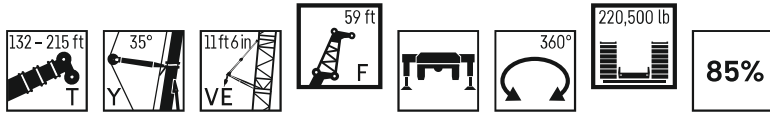
* adapter - pièce d'adaptateur

t_180_61301_00_000 / 61321_00_000 / 61341_00_000 / 61361_00_000

Lifting capacities

Forces de levage

TYVEF 59 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | |
|-----|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|------|-----------------|------|------|-----|----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 34 | 64.9 | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 63.5 | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 61.9 | | | | 62.6 | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 60.4 | | | | 61.2 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 56.8 | | | | 57.8 | | | | 57.8 | | | | 57.2 | | | | | | | | | | | | | 45 |
| 50 | 53.6 | | | | 54.8 | | | | 55 | | | | 55.1 | | | | 53 | | | | | | | | | 50 |
| 55 | 50.9 | 32.6 | | | 52.1 | | | | 52.5 | | | | 52.7 | | | 51.6 | | | | | 50.2 | | | | | 55 |
| 60 | 48.2 | 31.4 | | | 49.7 | 32 | | | 50.2 | 32.1 | | | 50.5 | | | 49.7 | | | | | 48.6 | | | | | 60 |
| 65 | 46.1 | 30.3 | | | 47.3 | 30.9 | | | 48 | 31.1 | | | 48.4 | 31.4 | | 47.8 | | | | | 47 | | | | | 65 |
| 70 | 43.9 | 29.3 | 22.1 | | 45.4 | 29.9 | | | 46 | 30.2 | | | 46.6 | 30.5 | | 46 | 30.9 | | | | 45.5 | | | | | 70 |
| 75 | 41.9 | 28.3 | 21.6 | | 43.4 | 29 | 21.8 | | 44.2 | 29.3 | 21.8 | | 44.8 | 29.6 | | 44.4 | 30.1 | | | | 44 | 30 | | | | 75 |
| 80 | 39.9 | 27.4 | 21.1 | 14.2 | 41.6 | 28.1 | 21.3 | 14.2 | 42.5 | 28.5 | 21.4 | | 43.1 | 28.8 | 21.5 | 42.9 | 29.4 | | | | 42.6 | 29.3 | | | | 80 |
| 85 | 38.1 | 26.6 | 20.6 | 14.1 | 39.9 | 27.3 | 20.8 | 14.1 | 40.9 | 27.7 | 21 | 14 | 41.7 | 28.1 | 21.1 | 41.4 | 28.6 | 21.7 | | | 41.4 | 28.6 | | | | 85 |
| 90 | 36.3 | 25.8 | 20.2 | 13.9 | 38.3 | 26.5 | 20.4 | 14 | 39.3 | 26.9 | 20.5 | 13.9 | 40.2 | 27.4 | 20.7 | 40.2 | 28 | 21.4 | | | 40.2 | 28 | 21.3 | | | 90 |
| 95 | 34.8 | 25.1 | 19.7 | 13.8 | 36.7 | 25.8 | 20 | 13.8 | 38 | 26.2 | 20.2 | 13.8 | 38.7 | 26.7 | 20.3 | 38.9 | 27.3 | 21.1 | 14.4 | 39 | 27.4 | 21.1 | | | | 95 |
| 100 | 33.4 | 24.4 | 19.4 | 13.7 | 35.3 | 25.1 | 19.7 | 13.7 | 36.7 | 25.6 | 19.8 | 13.7 | 37.5 | 26.1 | 20 | 37.7 | 26.7 | 20.8 | 14.3 | 38 | 26.8 | 20.8 | 14.2 | | | 100 |
| 105 | 32 | 23.8 | 19 | | 34 | 24.5 | 19.3 | 13.6 | 35.4 | 25 | 19.5 | 13.6 | 36.4 | 25.5 | 19.7 | 36.6 | 26.1 | 20.5 | 14.2 | 36.9 | 26.3 | 20.5 | 14.2 | | | 105 |
| 110 | 30.6 | 23.2 | 18.7 | | 32.7 | 23.9 | 19 | | 34.2 | 24.4 | 19.2 | 13.5 | 35.2 | 24.9 | 19.4 | 35.5 | 25.6 | 20.2 | 14.1 | 35.6 | 25.7 | 20.2 | 14.1 | | | 110 |
| 115 | 29.5 | 22.6 | 18.4 | | 31.4 | 23.3 | 18.7 | | 33 | 23.8 | 18.9 | | 33.9 | 24.3 | 19.1 | 34 | 25 | 19.9 | 14 | 33.7 | 25.2 | 20 | 14 | | | 115 |
| 120 | 28.4 | 22.1 | 18.1 | | 30.2 | 22.8 | 18.4 | | 31.8 | 23.3 | 18.6 | | 32.8 | 23.8 | 18.8 | 33 | 24.5 | 19.7 | 14 | 31.6 | 24.8 | 19.7 | 14 | | | 120 |
| 125 | 27.4 | 21.6 | 17.9 | | 29.2 | 22.3 | 18.1 | | 30.6 | 22.8 | 18.4 | | 31.5 | 23.3 | 18.5 | 31.1 | 24.1 | 19.4 | | 29.3 | 24.3 | 19.5 | 13.9 | | | 125 |
| 130 | 26.5 | 21.1 | 17.7 | | 28.2 | 21.8 | 17.9 | | 29.3 | 22.4 | 18.1 | | 30.3 | 22.8 | 18.3 | 29.1 | 23.6 | 19.2 | | 27.2 | 23.9 | 19.3 | 13.9 | | | 130 |
| 135 | 25.6 | 20.6 | 17.5 | | 27.3 | 21.4 | 17.7 | | 28.4 | 21.9 | 17.9 | | 28.7 | 22.4 | 18.1 | 27 | 23.2 | 19 | | 25.2 | 23.5 | 19.1 | 13.8 | | | 135 |
| 140 | 24.8 | 20.2 | 17.3 | | 26.2 | 20.9 | 17.5 | | 27.5 | 21.5 | 17.7 | | 26.9 | 22 | 17.9 | 25.1 | 22.8 | 18.8 | | 23.4 | 23.1 | 18.9 | | | | 140 |
| 145 | 24 | 19.7 | 17.1 | | 24.9 | 20.5 | 17.3 | | 26.5 | 21.1 | 17.5 | | 25 | 21.6 | 17.7 | 23.3 | 22.4 | 18.6 | | 21.6 | 22.7 | 18.7 | | | | 145 |
| 150 | 23 | 19.4 | | | 23 | 20.1 | 17.2 | | 25.1 | 20.7 | 17.4 | | 23.3 | 21.2 | 17.5 | 21.7 | 22 | 18.4 | | 20 | 22.3 | 18.5 | | | | 150 |
| 155 | 21.7 | 19 | | | 21.3 | 19.7 | 17.1 | | 23.4 | 20.2 | 17.2 | | 21.7 | 20.7 | 17.4 | 20.1 | 21.7 | 18.2 | | 18.4 | 21.2 | 18.3 | | | | 155 |
| 160 | 20.3 | 18.6 | | | 19.5 | 19.3 | | | 21.8 | 19.8 | 17.1 | | 20.1 | 20.3 | 17.2 | 18.5 | 21.3 | 18.1 | | 16.9 | 19.6 | 18.2 | | | | 160 |
| 165 | 18.6 | 18.4 | | | 17.9 | 18.7 | | | 20.4 | 19.4 | 17 | | 18.6 | 19.9 | 17.1 | 17.1 | 19.9 | 17.9 | | 15.6 | 18.2 | 18 | | | | 165 |
| 170 | 17.1 | 17.9 | | | 16.4 | 18 | | | 18.9 | 19.1 | | | 17.3 | 19.2 | 17 | 15.8 | 18.5 | 17.8 | | 14.3 | 16.7 | 17.9 | | | | 170 |
| 175 | 15.6 | 17 | | | 14.9 | 16.8 | | | 17.5 | 18.5 | | | 16 | 18 | 16.9 | 14.5 | 17.1 | 17.7 | | 13 | 15.4 | 16.9 | | | | 175 |
| 180 | 14.3 | | | | 13.5 | 15.2 | | | 16.1 | 17.5 | | | 14.8 | 16.7 | | 13.3 | 15.8 | 17 | | 11.8 | 14.1 | 15.8 | | | | 180 |
| 185 | 13 | | | | 12.3 | 13.8 | | | 14.8 | 16.4 | | | 13.6 | 15.4 | | 12.2 | 14.5 | 15.9 | | 10.7 | 12.8 | 14.4 | | | | 185 |
| 190 | 11.7 | | | | 11 | 12.4 | | | 13.6 | 15.1 | | | 12.5 | 14.2 | | 11.1 | 13.3 | 14.6 | | 9.6 | 11.7 | 13.1 | | | | 190 |
| 195 | 9.6 | | | | 9.9 | | | | 12.4 | 13.8 | | | 11.3 | 12.9 | | 10 | 12.2 | 13.4 | | 8.6 | 10.5 | 11.9 | | | | 195 |
| 200 | | | | | 8.8 | | | | 11.4 | 12.6 | | | 10.3 | 11.7 | | 9.1 | 11.1 | | | 7.7 | 9.5 | 10.7 | | | | 200 |
| 205 | | | | | 7.8 | | | | 10.3 | 11.4 | | | 9.2 | 10.6 | | 8.2 | 10 | | | 6.7 | 8.5 | 9.6 | | | | 205 |
| 210 | | | | | 6.5 | | | | 9.3 | 7.8 | | | 8.3 | 9.5 | | 7.2 | 9 | | | 5.8 | 7.5 | | | | | 210 |
| 215 | | | | | | | | | 8.4 | | | | 7.4 | 8.4 | | 6.4 | 8.1 | | | 4.9 | 6.6 | | | | | 215 |
| 220 | | | | | | | | | 7.6 | | | | 6.6 | 7.6 | | 5.5 | 7.1 | | | 4 | 5.6 | | | | | 220 |
| 225 | | | | | | | | | 6.7 | | | | 5.7 | 6.7 | | 4.6 | 6.2 | | | 3.1 | 4.7 | | | | | 225 |
| 230 | | | | | | | | | 3.6 | | | | 4.8 | | | 3.7 | 5.2 | | | 3.8 | | | | | | 230 |
| 235 | | | | | | | | | | | | | 3.9 | | | 2.7 | 4.3 | | | 2.8 | | | | | | 235 |
| 240 | | | | | | | | | | | | | 3 | | | | 3.2 | | | | | | | | | 240 |

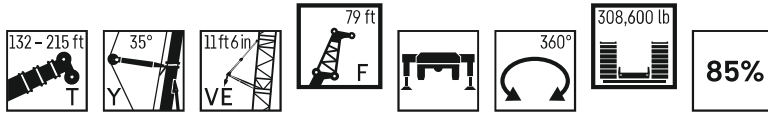
* adapter - pièce d'adaptateur

† 180_61305_00_000 / 61325_00_000 / 61345_00_000 / 61365_00_000

Lifting capacities

Forces de levage

TYVEF 79 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | | |
|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----------------|-----|-----|------|-----------------|------|-----|------|-----------------|------|------|------|-----------------|------|------|------|------|------|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | | |
| 40 | 47.4 | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | |
| 45 | 44.9 | | | | 45.3 | | | | | | | 44.6 | | | | | | | | | | | | 45 | | | | |
| 50 | 42.5 | | | | 43.1 | | | | | | | 43 | | | | 42.5 | | | | | | | | 50 | | | | |
| 55 | 40.4 | | | | 41 | | | | | | | 41.1 | | | | 41 | | | 40.2 | | | | | 55 | | | | |
| 60 | 38.4 | | | | 39.1 | | | | | | | 39.3 | | | | 39.4 | | | 38.6 | | | | 36.7 | 60 | | | | |
| 65 | 36.5 | 24 | | | 37.4 | | | | | | | 37.6 | | | | 37.8 | | | 37.2 | | | | 35.8 | 65 | | | | |
| 70 | 34.8 | 23.1 | | | 35.6 | 23.5 | | | | | | 36.1 | | | | 36.4 | | | 35.8 | | | | 34.5 | 70 | | | | |
| 75 | 33.3 | 22.2 | | | 34.1 | 22.6 | | | | | | 34.6 | 22.8 | | | 35 | 22.9 | | 34.5 | | | | 33.4 | 75 | | | | |
| 80 | 31.8 | 21.5 | | | 32.8 | 21.9 | | | | | | 33.2 | 22.1 | | | 33.7 | 22.4 | | 33.4 | 22.2 | | | 32.3 | 80 | | | | |
| 85 | 30.3 | 20.8 | 14.9 | | 31.4 | 21.2 | | | | | | 32 | 21.4 | | | 32.4 | 21.7 | | 32.2 | 21.7 | | | 31.3 | 21.3 | 85 | | | |
| 90 | 29.1 | 20.1 | 14.5 | | 30.1 | 20.5 | 14.6 | | | | | 30.8 | 20.8 | | | 31.3 | 21.1 | | 31.1 | 21.1 | | | 30.4 | 20.8 | 90 | | | |
| 95 | 27.8 | 19.4 | 14.1 | | 29 | 19.9 | 14.3 | | | | | 29.6 | 20.2 | 14.3 | | 30.3 | 20.5 | 14.4 | 30.2 | 20.6 | | | 29.5 | 20.3 | 95 | | | |
| 100 | 26.6 | 18.8 | 13.8 | 8.9 | 28 | 19.3 | 14 | 8.9 | | | | 28.6 | 19.6 | 14 | | 29.2 | 20 | 14.1 | 29.3 | 20 | 14.1 | | 28.6 | 19.8 | 100 | | | |
| 105 | 25.5 | 18.1 | 13.5 | 8.8 | 26.9 | 18.7 | 13.7 | 8.8 | | | | 27.6 | 19.1 | 13.8 | 8.8 | 28.2 | 19.4 | 13.9 | 28.4 | 19.5 | 13.8 | | 27.8 | 19.3 | 13.7 | 105 | | |
| 110 | 24.5 | 17.6 | 13.2 | 8.7 | 25.9 | 18.1 | 13.4 | 8.7 | | | | 26.7 | 18.5 | 13.5 | 8.7 | 27.3 | 18.9 | 13.6 | 8.7 | 27.5 | 19 | 13.6 | 8.6 | 27.1 | 18.8 | 13.5 | 110 | |
| 115 | 23.4 | 17 | 12.9 | 8.6 | 24.9 | 17.6 | 13.1 | 8.6 | | | | 25.8 | 18 | 13.2 | 8.6 | 26.5 | 18.4 | 13.3 | 8.6 | 26.7 | 18.5 | 13.4 | 8.6 | 26.3 | 18.4 | 13.2 | 8.5 | 115 |
| 120 | 22.4 | 16.5 | 12.7 | 8.5 | 24 | 17.1 | 12.9 | 8.5 | | | | 24.9 | 17.5 | 13 | 8.5 | 25.6 | 17.9 | 13.1 | 8.5 | 25.9 | 18 | 13.2 | 8.5 | 25.6 | 17.9 | 13 | 8.4 | 120 |
| 125 | 21.6 | 16 | 12.4 | | 23 | 16.6 | 12.6 | 8.5 | | | | 24.1 | 17 | 12.8 | 8.5 | 24.9 | 17.4 | 12.9 | 8.5 | 25.1 | 17.6 | 12.9 | 8.4 | 24.9 | 17.5 | 12.9 | 8.4 | 125 |
| 130 | 20.8 | 15.5 | 12.2 | | 22.1 | 16.1 | 12.4 | | | | | 23.3 | 16.6 | 12.6 | 8.4 | 24.1 | 17 | 12.7 | 8.4 | 24.4 | 17.1 | 12.7 | 8.4 | 24.2 | 17.1 | 12.7 | 8.3 | 130 |
| 135 | 20 | 15.1 | 12 | | 21.3 | 15.7 | 12.2 | | | | | 22.4 | 16.1 | 12.4 | | 23.4 | 16.5 | 12.5 | 8.4 | 23.7 | 16.7 | 12.5 | 8.3 | 23.6 | 16.7 | 12.5 | 8.3 | 135 |
| 140 | 19.2 | 14.7 | 11.8 | | 20.6 | 15.3 | 12 | | | | | 21.7 | 15.7 | 12.2 | | 22.6 | 16.1 | 12.3 | | 23.1 | 16.4 | 12.3 | 8.3 | 23 | 16.4 | 12.3 | 8.2 | 140 |
| 145 | 18.5 | 14.3 | 11.6 | | 19.8 | 14.9 | 11.8 | | | | | 20.9 | 15.3 | 12 | | 21.9 | 15.7 | 12.1 | | 22.4 | 16 | 12.2 | | 22.4 | 16 | 12.2 | 8.2 | 145 |
| 150 | 17.8 | 14 | 11.5 | | 19.1 | 14.5 | 11.7 | | | | | 20.2 | 14.9 | 11.8 | | 21.2 | 15.4 | 12 | | 21.8 | 15.6 | 12 | | 21.8 | 15.7 | 12 | 8.2 | 150 |
| 155 | 17.1 | 13.6 | 11.3 | | 18.4 | 14.2 | 11.5 | | | | | 19.5 | 14.6 | 11.7 | | 20.6 | 15 | 11.8 | | 21.2 | 15.3 | 11.9 | | 21.3 | 15.4 | 11.9 | 8.2 | 155 |
| 160 | 16.4 | 13.3 | 11.2 | | 17.8 | 13.8 | 11.4 | | | | | 18.8 | 14.3 | 11.5 | | 19.9 | 14.7 | 11.7 | | 20.6 | 15 | 11.7 | | 20.8 | 15.1 | 11.7 | | 160 |
| 165 | 15.8 | 13 | 11.1 | | 17.2 | 13.5 | 11.3 | | | | | 18.3 | 14 | 11.4 | | 19.3 | 14.4 | 11.5 | | 20 | 14.6 | 11.6 | | 20.2 | 14.8 | 11.6 | | 165 |
| 170 | 15.3 | 12.8 | | | 16.6 | 13.3 | 11.1 | | | | | 17.7 | 13.7 | 11.3 | | 18.6 | 14.1 | 11.4 | | 19.4 | 14.3 | 11.5 | | 19.7 | 14.5 | 11.5 | | 170 |
| 175 | 14.7 | 12.5 | | | 16 | 13 | 11.1 | | | | | 17.1 | 13.4 | 11.2 | | 18.1 | 13.8 | 11.3 | | 18.8 | 14.1 | 11.4 | | 19.2 | 14.2 | 11.4 | | 175 |
| 180 | 14.2 | 12.2 | | | 15.5 | 12.7 | | | | | | 16.6 | 13.1 | 11.1 | | 17.6 | 13.5 | 11.2 | | 18.2 | 13.8 | 11.3 | | 18.6 | 13.9 | 11.3 | | 180 |
| 185 | 13.7 | 12 | | | 14.9 | 12.5 | | | | | | 16 | 12.9 | 11 | | 17 | 13.3 | 11.1 | | 17.5 | 13.6 | 11.2 | | 17.7 | 13.7 | 11.2 | | 185 |
| 190 | 13.2 | 11.9 | | | 14.5 | 12.3 | | | | | | 15.5 | 12.7 | | | 16.4 | 13 | 11 | | 17 | 13.3 | 11.1 | | 16.5 | 13.5 | 11.1 | | 190 |
| 195 | 12.8 | 11.7 | | | 14 | 12.1 | | | | | | 15.1 | 12.5 | | | 15.9 | 12.8 | 10.9 | | 16.6 | 13.1 | 11 | | 15.3 | 13.2 | 11 | | 195 |
| 200 | 12.4 | | | | 13.6 | 11.9 | | | | | | 14.6 | 12.2 | | | 15.4 | 12.6 | | | 15.8 | 12.9 | 10.9 | | 14.2 | 13 | 10.9 | | 200 |
| 205 | 12 | | | | 13.1 | 11.7 | | | | | | 14.1 | 12 | | | 15 | 12.4 | | | 14.9 | 12.6 | 10.9 | | 13.2 | 12.8 | 10.9 | | 205 |
| 210 | 9.8 | | | | 12.3 | 11.6 | | | | | | 13.6 | 11.9 | | | 14.6 | 12.2 | | | 14.1 | 12.4 | 10.8 | | 12.3 | 12.6 | 10.8 | | 210 |
| 215 | 6.7 | | | | 11.2 | | | | | | | 13.3 | 11.7 | | | 13.8 | 12 | | | 13.1 | 12.2 | | | 11.4 | 12.4 | 10.8 | | 215 |
| 220 | | | | | 9 | | | | | | | 12.9 | 11.6 | | | 12.9 | 11.8 | | | 12.1 | 12 | | | 10.4 | 12.1 | 10.8 | | 220 |
| 225 | | | | | 6.7 | | | | | | | 11.9 | 11.5 | | | 12 | 11.7 | | | 11 | 11.9 | | | 9.5 | 11.5 | 10.7 | | 225 |
| 230 | | | | | 3.9 | | | | | | | 10.6 | 9.6 | | | 11 | 11.6 | | | 10.1 | 11.3 | | | 8.6 | 10.6 | | | 230 |
| 235 | | | | | | | | | | | | 8.6 | | | | 9.9 | 11.4 | | | 9.2 | 10.7 | | | 7.8 | 9.7 | | | 235 |
| 240 | | | | | | | | | | | | 6.7 | | | | 8.5 | 10.5 | | | 8.3 | 9.9 | | | 6.9 | 8.7 | | | 240 |
| 245 | | | | | | | | | | | | 4.3 | | | | 6.9 | 9.3 | | | 7.4 | 9 | | | 6.1 | 7.8 | | | 245 |
| 250 | | | | | | | | | | | | | | | | 5.3 | | | | 6.3 | 8.1 | | | 5.3 | 6.9 | | | 250 |
| 255 | | | | | | | | | | | | | | | | 3.4 | | | | 5 | 7.1 | | | 4.4 | 6.1 | | | 255 |
| 260 | | | | | | | | | | | | | | | | | | | | 3.6 | 5.9 | | | 3.4 | 5.2 | | | 260 |
| 265 | | | | | | | | | | | | | | | | | | | | | | | | 4.3 | | | | 265 |
| 270 | | | | | | | | | | | | | | | | | | | | | | | | 3.3 | | | | 270 |

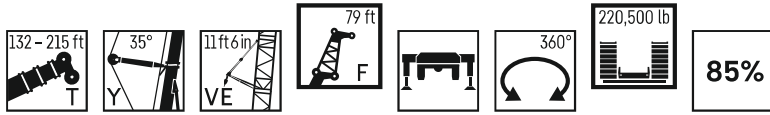
* adapter - pièce d'adaptateur

† 180_61401_00_000 / 61421_00_000 / 61441_00_000 / 61461_00_000

Lifting capacities

Forces de levage

TYVEF 79 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | |
|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----------------|------|------|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 38 | 48.5 | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 47.4 | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 44.9 | | | | 45.3 | | | | 44.6 | | | | | | | | | | | | | | | 45 | |
| 50 | 42.5 | | | | 43.1 | | | | 43 | | | | 42.5 | | | | | | | | | | | 50 | |
| 55 | 40.4 | | | | 41 | | | | 41.1 | | | | 41 | | | | 40.2 | | | | | | | 55 | |
| 60 | 38.4 | | | | 39.1 | | | | 39.3 | | | | 39.4 | | | | 38.6 | | | | 36.7 | | | 60 | |
| 65 | 36.5 | 24 | | | 37.4 | | | | 37.6 | | | | 37.8 | | | | 37.2 | | | | 35.8 | | | 65 | |
| 70 | 34.8 | 23.1 | | | 35.6 | 23.5 | | | 36.1 | | | | 36.4 | | | | 35.8 | | | | 34.5 | | | 70 | |
| 75 | 33.3 | 22.2 | | | 34.1 | 22.6 | | | 34.6 | 22.8 | | | 35 | 22.9 | | | 34.5 | | | | 33.4 | | | 75 | |
| 80 | 31.8 | 21.5 | | | 32.8 | 21.9 | | | 33.2 | 22.1 | | | 33.7 | 22.4 | | | 33.4 | 22.2 | | | 32.3 | | | 80 | |
| 85 | 30.3 | 20.8 | 14.9 | | 31.4 | 21.2 | | | 32 | 21.4 | | | 32.4 | 21.7 | | | 32.2 | 21.7 | | | 31.3 | 21.3 | | 85 | |
| 90 | 29.1 | 20.1 | 14.5 | | 30.1 | 20.5 | 14.6 | | 30.8 | 20.8 | | | 31.3 | 21.1 | | | 31.1 | 21.1 | | | 30.4 | 20.8 | | 90 | |
| 95 | 27.8 | 19.4 | 14.1 | | 29 | 19.9 | 14.3 | | 29.6 | 20.2 | 14.3 | | 30.3 | 20.5 | 14.4 | | 30.2 | 20.6 | | | 29.5 | 20.3 | | 95 | |
| 100 | 26.6 | 18.8 | 13.8 | 8.9 | 28 | 19.3 | 14 | 8.9 | 28.6 | 19.6 | 14 | | 29.2 | 20 | 14.1 | | 29.3 | 20 | 14.1 | | 28.6 | 19.8 | | 100 | |
| 105 | 25.5 | 18.1 | 13.5 | 8.8 | 26.9 | 18.7 | 13.7 | 8.8 | 27.6 | 19.1 | 13.8 | 8.8 | 28.2 | 19.4 | 13.9 | | 28.4 | 19.5 | 13.8 | | 27.8 | 19.3 | 13.7 | 105 | |
| 110 | 24.5 | 17.6 | 13.2 | 8.7 | 25.9 | 18.1 | 13.4 | 8.7 | 26.7 | 18.5 | 13.5 | 8.7 | 27.3 | 18.9 | 13.6 | 8.7 | 27.5 | 19 | 13.6 | 8.6 | 27.1 | 18.8 | 13.5 | 110 | |
| 115 | 23.4 | 17 | 12.9 | 8.6 | 24.9 | 17.6 | 13.1 | 8.6 | 25.8 | 18 | 13.2 | 8.6 | 26.5 | 18.4 | 13.3 | 8.6 | 26.7 | 18.5 | 13.4 | 8.6 | 26.3 | 18.4 | 13.2 | 8.5 | 115 |
| 120 | 22.4 | 16.5 | 12.7 | 8.5 | 24 | 17.1 | 12.9 | 8.5 | 24.9 | 17.5 | 13 | 8.5 | 25.6 | 17.9 | 13.1 | 8.5 | 25.9 | 18 | 13.2 | 8.5 | 25.6 | 17.9 | 13 | 8.4 | 120 |
| 125 | 21.6 | 16 | 12.4 | | 23 | 16.6 | 12.6 | 8.5 | 24.1 | 17 | 12.8 | 8.5 | 24.9 | 17.4 | 12.9 | 8.5 | 25.1 | 17.6 | 12.9 | 8.4 | 24.9 | 17.5 | 12.9 | 8.4 | 125 |
| 130 | 20.8 | 15.5 | 12.2 | | 22.1 | 16.1 | 12.4 | | 23.3 | 16.6 | 12.6 | 8.4 | 24.1 | 17 | 12.7 | 8.4 | 24.4 | 17.1 | 12.7 | 8.4 | 24.2 | 17.1 | 12.7 | 8.3 | 130 |
| 135 | 20 | 15.1 | 12 | | 21.3 | 15.7 | 12.2 | | 22.4 | 16.1 | 12.4 | | 23.4 | 16.5 | 12.5 | 8.4 | 23.7 | 16.7 | 12.5 | 8.3 | 23.6 | 16.7 | 12.5 | 8.3 | 135 |
| 140 | 19.2 | 14.7 | 11.8 | | 20.6 | 15.3 | 12 | | 21.7 | 15.7 | 12.2 | | 22.6 | 16.1 | 12.3 | | 22.8 | 16.4 | 12.3 | 8.3 | 22.5 | 16.4 | 12.3 | 8.2 | 140 |
| 145 | 18.5 | 14.3 | 11.6 | | 19.8 | 14.9 | 11.8 | | 20.9 | 15.3 | 12 | | 21.9 | 15.7 | 12.1 | | 22.2 | 16 | 12.2 | | 21.4 | 16 | 12.2 | 8.2 | 145 |
| 150 | 17.8 | 14 | 11.5 | | 19.1 | 14.5 | 11.7 | | 20.2 | 14.9 | 11.8 | | 21.1 | 15.4 | 12 | | 21.3 | 15.6 | 12 | | 19.9 | 15.7 | 12 | 8.2 | 150 |
| 155 | 17.1 | 13.6 | 11.3 | | 18.4 | 14.2 | 11.5 | | 19.4 | 14.6 | 11.7 | | 20.3 | 15 | 11.8 | | 20.4 | 15.3 | 11.9 | | 18.4 | 15.4 | 11.9 | 8.2 | 155 |
| 160 | 16.4 | 13.3 | 11.2 | | 17.8 | 13.8 | 11.4 | | 18.7 | 14.3 | 11.5 | | 19.6 | 14.7 | 11.7 | | 19 | 15 | 11.7 | | 17 | 15.1 | 11.7 | | 160 |
| 165 | 15.8 | 13 | 11.1 | | 17.2 | 13.5 | 11.3 | | 18 | 14 | 11.4 | | 18.8 | 14.4 | 11.5 | | 17.6 | 14.6 | 11.6 | | 15.6 | 14.8 | 11.6 | | 165 |
| 170 | 15.3 | 12.8 | | | 16.6 | 13.3 | 11.1 | | 17.5 | 13.7 | 11.3 | | 17.8 | 14.1 | 11.4 | | 16.3 | 14.3 | 11.5 | | 14.3 | 14.5 | 11.5 | | 170 |
| 175 | 14.7 | 12.5 | | | 15.9 | 13 | 11.1 | | 16.9 | 13.4 | 11.2 | | 16.6 | 13.8 | 11.3 | | 15.1 | 14.1 | 11.4 | | 13.1 | 14.2 | 11.4 | | 175 |
| 180 | 14.2 | 12.2 | | | 14.8 | 12.7 | | | 16.3 | 13.1 | 11.1 | | 15.4 | 13.5 | 11.2 | | 13.9 | 13.8 | 11.3 | | 12 | 13.9 | 11.3 | | 180 |
| 185 | 13.7 | 12 | | | 13.7 | 12.5 | | | 15.6 | 12.9 | 11 | | 14.2 | 13.3 | 11.1 | | 12.8 | 13.4 | 11.2 | | 10.9 | 13.5 | 11.2 | | 185 |
| 190 | 13.1 | 11.9 | | | 12.5 | 12.3 | | | 14.7 | 12.7 | | | 13.2 | 13 | 11 | | 11.7 | 13.2 | 11.1 | | 9.8 | 12.5 | 11.1 | | 190 |
| 195 | 12.1 | 11.7 | | | 11.3 | 12.1 | | | 13.5 | 12.4 | | | 12.1 | 12.7 | 10.9 | | 10.7 | 12.7 | 11 | | 8.9 | 11.5 | 11 | | 195 |
| 200 | 11 | | | | 10.2 | 11.8 | | | 12.4 | 12.2 | | | 11.1 | 12.5 | | | 9.8 | 12 | 10.9 | | 7.9 | 10.4 | 10.9 | | 200 |
| 205 | 9.9 | | | | 9.2 | 10.8 | | | 11.4 | 11.9 | | | 10.2 | 11.9 | | | 8.8 | 11 | 10.9 | | 7 | 9.4 | 10.8 | | 205 |
| 210 | 8.9 | | | | 8.2 | 9.7 | | | 10.3 | 11.6 | | | 9.2 | 11 | | | 7.9 | 10 | 10.7 | | 6.2 | 8.4 | 10 | | 210 |
| 215 | 6.6 | | | | 7.3 | | | | 9.4 | 11 | | | 8.4 | 10.1 | | | 7.1 | 9.1 | | | 5.3 | 7.5 | 9.1 | | 215 |
| 220 | | | | | 6.5 | | | | 8.5 | 9.9 | | | 7.5 | 9.1 | | | 6.3 | 8.2 | | | 4.5 | 6.6 | 8 | | 220 |
| 225 | | | | | 5.5 | | | | 7.8 | 9 | | | 6.7 | 8.1 | | | 5.4 | 7.2 | | | 3.6 | 5.7 | 7.1 | | 225 |
| 230 | | | | | 3.7 | | | | 7 | 4.4 | | | 5.9 | 7.3 | | | 4.7 | 6.4 | | | | 4.9 | | | 230 |
| 235 | | | | | | | | | 6.3 | | | | 5.1 | 6.5 | | | 3.9 | 5.6 | | | | 4 | | | 235 |
| 240 | | | | | | | | | 5.5 | | | | 4.3 | 5.6 | | | 3.1 | 4.7 | | | | 3.2 | | | 240 |
| 245 | | | | | | | | | 4.1 | | | | 3.4 | 4.7 | | | | 3.9 | | | | | | | 245 |
| 250 | | | | | | | | | | | | | 2.6 | | | | | 3 | | | | | | | 250 |

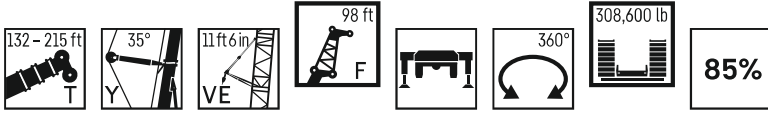
* adapter - pièce d'adaptateur

† 180_61405_00_000 / 61425_00_000 / 61445_00_000 / 61465_00_000

Lifting capacities

Forces de levage

TYVEF 98 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | |
|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|-----|------|------|-----|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | |
| 45 | 35 | | | | 34.9 | | | | | | | | | | | | | | | | | | | | 45 | | |
| 50 | 33.2 | | | | 33.2 | | | | 32.7 | | | | | | | | | | | | | | | | | 50 | |
| 55 | 31.5 | | | | 31.6 | | | | 31.5 | | | | 31.3 | | | | | | | | | | | | | 55 | |
| 60 | 29.9 | | | | 30.1 | | | | 30.1 | | | | 30.1 | | | | 29.5 | | | | | | | | | 60 | |
| 65 | 28.6 | | | | 28.8 | | | | 28.8 | | | | 28.9 | | | | 28.4 | | | | | | | 26.9 | | 65 | |
| 70 | 27.2 | | | | 27.6 | | | | 27.6 | | | | 27.7 | | | | 27.4 | | | | | | 26.4 | | | 70 | |
| 75 | 26 | 17.6 | | | 26.4 | | | | 26.6 | | | | 26.7 | | | | 26.4 | | | | | | 26.5 | | | 75 | |
| 80 | 25 | 16.9 | | | 25.3 | 17 | | | 25.6 | | | | 25.8 | | | | 25.4 | | | | | | 24.7 | | | 80 | |
| 85 | 23.9 | 16.2 | | | 24.4 | 16.4 | | | 24.6 | 16.5 | | | 24.8 | | | | 24.6 | | | | | | 23.9 | | | 85 | |
| 90 | 22.9 | 15.5 | | | 23.4 | 15.8 | | | 23.7 | 15.9 | | | 23.9 | 16.1 | | | 23.8 | | | | | | 23.2 | | | 90 | |
| 95 | 22 | 14.9 | | | 22.5 | 15.2 | | | 22.9 | 15.3 | | | 23.2 | 15.5 | | | 23 | 15.5 | | | | | 22.5 | | | 95 | |
| 100 | 21.1 | 14.4 | 10 | | 21.7 | 14.6 | | | 22.1 | 14.8 | | | 22.4 | 15 | | | 22.3 | 15 | | | | | 21.8 | 14.8 | | 100 | |
| 105 | 20.2 | 13.8 | 9.7 | | 20.9 | 14.1 | 9.8 | | 21.3 | 14.3 | | | 21.7 | 14.6 | | | 21.6 | 14.5 | | | | | 21.2 | 14.4 | | 105 | |
| 110 | 19.4 | 13.3 | 9.5 | | 20.2 | 13.6 | 9.5 | | 20.6 | 13.9 | 9.5 | | 20.9 | 14.1 | 9.6 | | 21 | 14.1 | | | | | 20.6 | 14 | | 110 | |
| 115 | 18.6 | 12.9 | 9.2 | 5.8 | 19.4 | 13.2 | 9.3 | | 19.9 | 13.4 | 9.3 | | 20.3 | 13.7 | 9.4 | | 20.3 | 13.7 | 9.3 | | | | 20 | 13.6 | | 115 | |
| 120 | 17.8 | 12.4 | 9 | 5.7 | 18.7 | 12.8 | 9.1 | 5.7 | 19.2 | 13 | 9.1 | | 19.6 | 13.3 | 9.2 | | 19.7 | 13.3 | 9.1 | | | | 19.4 | 13.2 | 9 | 120 | |
| 125 | 17 | 12 | 8.7 | 5.7 | 18 | 12.3 | 8.9 | 5.7 | 18.5 | 12.6 | 8.9 | 5.6 | 19 | 12.9 | 9 | 5.6 | 19.1 | 13 | 8.9 | | | | 18.9 | 12.9 | 8.8 | 125 | |
| 130 | 16.3 | 11.6 | 8.6 | 5.6 | 17.2 | 12 | 8.7 | 5.6 | 17.9 | 12.2 | 8.7 | 5.6 | 18.3 | 12.5 | 8.8 | 5.6 | 18.5 | 12.6 | 8.8 | 5.5 | | | 18.3 | 12.5 | 8.7 | 130 | |
| 135 | 15.6 | 11.2 | 8.4 | 5.6 | 16.5 | 11.6 | 8.5 | 5.6 | 17.3 | 11.9 | 8.5 | 5.5 | 17.8 | 12.2 | 8.6 | 5.5 | 18 | 12.3 | 8.6 | 5.5 | | | 17.8 | 12.2 | 8.5 | 5.4 | 135 |
| 140 | 15 | 10.9 | 8.2 | 5.5 | 15.8 | 11.2 | 8.3 | 5.5 | 16.7 | 11.6 | 8.4 | 5.5 | 17.2 | 11.8 | 8.5 | 5.5 | 17.4 | 12 | 8.5 | 5.4 | | | 17.3 | 11.9 | 8.4 | 5.4 | 140 |
| 145 | 14.3 | 10.6 | 8 | | 15.3 | 10.9 | 8.1 | 5.5 | 16 | 11.2 | 8.2 | 5.4 | 16.7 | 11.5 | 8.3 | 5.4 | 16.9 | 11.7 | 8.3 | 5.4 | | | 16.8 | 11.6 | 8.2 | 5.3 | 145 |
| 150 | 13.7 | 10.3 | 7.9 | | 14.7 | 10.6 | 8 | | 15.5 | 10.9 | 8.1 | 5.4 | 16.1 | 11.2 | 8.2 | 5.4 | 16.4 | 11.4 | 8.2 | 5.4 | | | 16.3 | 11.3 | 8.1 | 5.3 | 150 |
| 155 | 13.2 | 10 | 7.7 | | 14.1 | 10.3 | 7.8 | | 14.9 | 10.6 | 7.9 | | 15.6 | 10.9 | 8 | 5.4 | 15.9 | 11.1 | 8 | 5.3 | | | 15.8 | 11.1 | 8 | 5.3 | 155 |
| 160 | 12.6 | 9.7 | 7.6 | | 13.5 | 10.1 | 7.7 | | 14.4 | 10.3 | 7.8 | | 15.1 | 10.6 | 7.9 | | 15.5 | 10.8 | 7.9 | 5.3 | | | 15.4 | 10.8 | 7.9 | 5.3 | 160 |
| 165 | 12.1 | 9.4 | 7.5 | | 13 | 9.8 | 7.6 | | 13.8 | 10.1 | 7.7 | | 14.6 | 10.4 | 7.8 | | 15 | 10.5 | 7.8 | | | | 15.1 | 10.6 | 7.8 | 5.3 | 165 |
| 170 | 11.6 | 9.2 | 7.4 | | 12.6 | 9.5 | 7.5 | | 13.3 | 9.8 | 7.6 | | 14.1 | 10.1 | 7.7 | | 14.6 | 10.3 | 7.7 | | | | 14.7 | 10.3 | 7.7 | 5.2 | 170 |
| 175 | 11.1 | 8.9 | 7.4 | | 12.1 | 9.3 | 7.4 | | 12.9 | 9.6 | 7.5 | | 13.6 | 9.9 | 7.6 | | 14.1 | 10 | 7.6 | | | | 14.3 | 10.1 | 7.6 | 5.2 | 175 |
| 180 | 10.7 | 8.7 | 7.3 | | 11.7 | 9.1 | 7.4 | | 12.4 | 9.4 | 7.4 | | 13.2 | 9.6 | 7.5 | | 13.7 | 9.8 | 7.6 | | | | 13.9 | 9.9 | 7.5 | | 180 |
| 185 | 10.3 | 8.5 | 7.2 | | 11.2 | 8.9 | 7.3 | | 12 | 9.1 | 7.4 | | 12.7 | 9.4 | 7.4 | | 13.3 | 9.6 | 7.5 | | | | 13.5 | 9.7 | 7.5 | | 185 |
| 190 | 9.9 | 8.3 | | | 10.8 | 8.6 | 7.3 | | 11.6 | 8.9 | 7.3 | | 12.3 | 9.2 | 7.4 | | 12.8 | 9.4 | 7.4 | | | | 13.1 | 9.5 | 7.4 | | 190 |
| 195 | 9.6 | 8.1 | | | 10.4 | 8.5 | 7.2 | | 11.2 | 8.7 | 7.2 | | 12 | 9 | 7.3 | | 12.4 | 9.2 | 7.3 | | | | 12.8 | 9.3 | 7.3 | | 195 |
| 200 | 9.2 | 8 | | | 10.1 | 8.3 | | | 10.8 | 8.6 | 7.2 | | 11.6 | 8.8 | 7.2 | | 12.1 | 9 | 7.2 | | | | 12.4 | 9.1 | 7.3 | | 200 |
| 205 | 8.9 | 7.9 | | | 9.7 | 8.1 | | | 10.5 | 8.4 | 7.1 | | 11.2 | 8.6 | 7.2 | | 11.7 | 8.8 | 7.2 | | | | 12 | 8.9 | 7.2 | | 205 |
| 210 | 8.6 | 7.7 | | | 9.4 | 8 | | | 10.1 | 8.2 | | | 10.8 | 8.5 | 7.1 | | 11.4 | 8.7 | 7.1 | | | | 11.7 | 8.8 | 7.1 | | 210 |
| 215 | 8.3 | 7.6 | | | 9.1 | 7.8 | | | 9.8 | 8.1 | | | 10.5 | 8.3 | 7.1 | | 10.9 | 8.5 | 7.1 | | | | 11.2 | 8.6 | 7.1 | | 215 |
| 220 | 8 | | | | 8.8 | 7.7 | | | 9.5 | 7.9 | | | 10.2 | 8.2 | | | 10.6 | 8.3 | 7.1 | | | | 10.6 | 8.4 | 7.1 | | 220 |
| 225 | 7.7 | | | | 8.5 | 7.6 | | | 9.2 | 7.8 | | | 9.8 | 8 | | | 10.3 | 8.2 | 7 | | | | 9.8 | 8.3 | 7 | | 225 |
| 230 | 6.9 | | | | 8.2 | 7.5 | | | 8.9 | 7.7 | | | 9.5 | 7.9 | | | 9.9 | 8.1 | 7 | | | | 9 | 8.2 | 7 | | 230 |
| 235 | 4.2 | | | | 7.5 | | | | 8.6 | 7.6 | | | 9.2 | 7.8 | | | 9.5 | 7.9 | | | | | 8.2 | 8 | 7 | | 235 |
| 240 | | | | | 6.3 | | | | 8.3 | 7.5 | | | 8.9 | 7.7 | | | 9.1 | 7.8 | | | | | 7.4 | 7.9 | 7 | | 240 |
| 245 | | | | | 4.2 | | | | 8.1 | 7.5 | | | 8.6 | 7.6 | | | 8.3 | 7.7 | | | | | 6.7 | 7.7 | | | 245 |
| 250 | | | | | | | | | 7.3 | 7.2 | | | 8.2 | 7.5 | | | 7.5 | 7.6 | | | | | 5.9 | 7.4 | | | 250 |
| 255 | | | | | | | | | 6.2 | | | | 7.1 | 7.4 | | | 6.6 | 7.5 | | | | | 5.2 | 7.1 | | | 255 |
| 260 | | | | | | | | | 4.2 | | | | 5.8 | 7.4 | | | 5.8 | 7.1 | | | | | 4.5 | 6.5 | | | 260 |
| 265 | | | | | | | | | | | | | 4.4 | 6.9 | | | 4.8 | 6.7 | | | | | 3.8 | 5.7 | | | 265 |
| 270 | | | | | | | | | | | | | | | | | 3.7 | 6 | | | | | 2.9 | 4.9 | | | 270 |
| 275 | | | | | | | | | | | | | | | | | | 5 | | | | | 4.2 | | | | 275 |
| 280 | | | | | | | | | | | | | | | | | | 3.9 | | | | | 3.4 | | | | 280 |

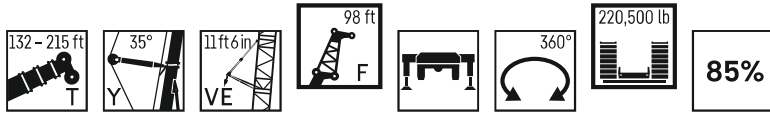
* adapter - pièce d'adaptateur

† 180_61501_00_000 / 61521_00_000 / 61541_00_000 / 61561_00_000

Lifting capacities

Forces de levage

TYVEF 98 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | | | |
|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|------|------|------|-----|-----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | | | | |
| 40 | 36.9 | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | |
| 45 | 35 | | | | 34.9 | | | | | | | | | | | | | | | | | | | | 45 | | | | |
| 50 | 33.2 | | | | 33.2 | | | | 32.7 | | | | | | | | | | | | | | | | 50 | | | | |
| 55 | 31.5 | | | | 31.6 | | | | 31.5 | | | | 31.3 | | | | | | | | | | | | 55 | | | | |
| 60 | 29.9 | | | | 30.1 | | | | 30.1 | | | | 30.1 | | | | 29.5 | | | | | | | | 60 | | | | |
| 65 | 28.6 | | | | 28.8 | | | | 28.8 | | | | 28.9 | | | | 28.4 | | | | | | | 26.9 | 65 | | | | |
| 70 | 27.2 | | | | 27.6 | | | | 27.6 | | | | 27.7 | | | | 27.4 | | | | | | | 26.4 | 70 | | | | |
| 75 | 26 | 17.6 | | | 26.4 | | | | 26.6 | | | | 26.7 | | | | 26.4 | | | | | | | 25.5 | 75 | | | | |
| 80 | 25 | 16.9 | | | 25.3 | 17 | | | 25.6 | | | | 25.8 | | | | 25.4 | | | | | | | 24.7 | 80 | | | | |
| 85 | 23.9 | 16.2 | | | 24.4 | 16.4 | | | 24.6 | 16.5 | | | 24.8 | | | | 24.6 | | | | | | | 23.9 | 85 | | | | |
| 90 | 22.9 | 15.5 | | | 23.4 | 15.8 | | | 23.7 | 15.9 | | | 23.9 | 16.1 | | | 23.8 | | | | | | | 23.2 | 90 | | | | |
| 95 | 22 | 14.9 | | | 22.5 | 15.2 | | | 22.9 | 15.3 | | | 23.2 | 15.5 | | | 23 | 15.5 | | | | | | 22.5 | 95 | | | | |
| 100 | 21.1 | 14.4 | 10 | | 21.7 | 14.6 | | | 22.1 | 14.8 | | | 22.4 | 15 | | | 22.3 | 15 | | | | | | 21.8 | 14.8 | 100 | | | |
| 105 | 20.2 | 13.8 | 9.7 | | 20.9 | 14.1 | 9.8 | | 21.3 | 14.3 | | | 21.7 | 14.6 | | | 21.6 | 14.5 | | | | | | 21.2 | 14.4 | 105 | | | |
| 110 | 19.4 | 13.3 | 9.5 | | 20.2 | 13.6 | 9.5 | | 20.6 | 13.9 | 9.5 | | 20.9 | 14.1 | 9.6 | | 21 | 14.1 | | | | | | 20.6 | 14 | 110 | | | |
| 115 | 18.6 | 12.9 | 9.2 | 5.8 | 19.4 | 13.2 | 9.3 | | 19.9 | 13.4 | 9.3 | | 20.3 | 13.7 | 9.4 | | 20.3 | 13.7 | 9.3 | | | | | 20 | 13.6 | 115 | | | |
| 120 | 17.8 | 12.4 | 9 | 5.7 | 18.7 | 12.8 | 9.1 | 5.7 | 19.2 | 13 | 9.1 | | 19.6 | 13.3 | 9.2 | | 19.7 | 13.3 | 9.1 | | | | | 19.4 | 13.2 | 9 | 120 | | |
| 125 | 17 | 12 | 8.7 | 5.7 | 18 | 12.3 | 8.9 | 5.7 | 18.5 | 12.6 | 8.9 | 5.6 | 19 | 12.9 | 9 | 5.6 | 19.1 | 13 | 8.9 | | | | | 18.9 | 12.9 | 8.8 | 125 | | |
| 130 | 16.3 | 11.6 | 8.6 | 5.6 | 17.2 | 12 | 8.7 | 5.6 | 17.9 | 12.2 | 8.7 | 5.6 | 18.3 | 12.5 | 8.8 | 5.6 | 18.5 | 12.6 | 8.8 | 5.5 | | | | 18.3 | 12.5 | 8.7 | 130 | | |
| 135 | 15.6 | 11.2 | 8.4 | 5.6 | 16.5 | 11.6 | 8.5 | 5.6 | 17.3 | 11.9 | 8.5 | 5.5 | 17.8 | 12.2 | 8.6 | 5.5 | 18 | 12.3 | 8.6 | 5.5 | 17.8 | 12.2 | 8.5 | 5.4 | 17.8 | 12.2 | 8.5 | 5.4 | 135 |
| 140 | 15 | 10.9 | 8.2 | 5.5 | 15.8 | 11.2 | 8.3 | 5.5 | 16.7 | 11.6 | 8.4 | 5.5 | 17.2 | 11.8 | 8.5 | 5.5 | 17.4 | 12 | 8.5 | 5.4 | 17.3 | 11.9 | 8.4 | 5.4 | 17.3 | 11.9 | 8.4 | 5.4 | 140 |
| 145 | 14.3 | 10.6 | 8 | | 15.3 | 10.9 | 8.1 | 5.5 | 16 | 11.2 | 8.2 | 5.4 | 16.7 | 11.5 | 8.3 | 5.4 | 16.9 | 11.7 | 8.3 | 5.4 | 16.8 | 11.6 | 8.2 | 5.3 | 16.8 | 11.6 | 8.2 | 5.3 | 145 |
| 150 | 13.7 | 10.3 | 7.9 | | 14.7 | 10.6 | 8 | | 15.5 | 10.9 | 8.1 | 5.4 | 16.1 | 11.2 | 8.2 | 5.4 | 16.4 | 11.4 | 8.2 | 5.4 | 16.3 | 11.3 | 8.1 | 5.3 | 16.3 | 11.3 | 8.1 | 5.3 | 150 |
| 155 | 13.2 | 10 | 7.7 | | 14.1 | 10.3 | 7.8 | | 14.9 | 10.6 | 7.9 | | 15.6 | 10.9 | 8 | 5.4 | 15.9 | 11.1 | 8 | 5.3 | 15.8 | 11.1 | 8 | 5.3 | 15.8 | 11.1 | 8 | 5.3 | 155 |
| 160 | 12.6 | 9.7 | 7.6 | | 13.5 | 10.1 | 7.7 | | 14.4 | 10.3 | 7.8 | | 15.1 | 10.6 | 7.9 | | 15.5 | 10.8 | 7.9 | 5.3 | 15.4 | 10.8 | 7.9 | 5.3 | 15.4 | 10.8 | 7.9 | 5.3 | 160 |
| 165 | 12.1 | 9.4 | 7.5 | | 13 | 9.8 | 7.6 | | 13.8 | 10.1 | 7.7 | | 14.6 | 10.4 | 7.8 | | 15 | 10.5 | 7.8 | | 15 | 10.6 | 7.8 | 5.3 | 15 | 10.6 | 7.8 | 5.3 | 165 |
| 170 | 11.6 | 9.2 | 7.4 | | 12.6 | 9.5 | 7.5 | | 13.3 | 9.8 | 7.6 | | 14.1 | 10.1 | 7.7 | | 14.3 | 10.3 | 7.7 | | 14.1 | 10.3 | 7.7 | 5.2 | 14.1 | 10.3 | 7.7 | 5.2 | 170 |
| 175 | 11.1 | 8.9 | 7.4 | | 12.1 | 9.3 | 7.4 | | 12.9 | 9.6 | 7.5 | | 13.6 | 9.9 | 7.6 | | 13.9 | 10 | 7.6 | | 13.2 | 10.1 | 7.6 | 5.2 | 13.2 | 10.1 | 7.6 | 5.2 | 175 |
| 180 | 10.7 | 8.7 | 7.3 | | 11.7 | 9.1 | 7.4 | | 12.4 | 9.4 | 7.4 | | 13.1 | 9.6 | 7.5 | | 13.5 | 9.8 | 7.6 | | 12.1 | 9.9 | 7.5 | | 12.1 | 9.9 | 7.5 | | 180 |
| 185 | 10.3 | 8.5 | 7.2 | | 11.2 | 8.9 | 7.3 | | 12 | 9.1 | 7.4 | | 12.6 | 9.4 | 7.4 | | 12.9 | 9.6 | 7.5 | | 11.1 | 9.7 | 7.5 | | 11.1 | 9.7 | 7.5 | | 185 |
| 190 | 9.9 | 8.3 | | | 10.8 | 8.6 | 7.3 | | 11.5 | 8.9 | 7.3 | | 12.1 | 9.2 | 7.4 | | 11.9 | 9.4 | 7.4 | | 10.1 | 9.5 | 7.4 | | 10.1 | 9.5 | 7.4 | | 190 |
| 195 | 9.6 | 8.1 | | | 10.4 | 8.5 | 7.2 | | 11.1 | 8.7 | 7.2 | | 11.8 | 9 | 7.3 | | 10.9 | 9.2 | 7.3 | | 9.1 | 9.3 | 7.3 | | 9.1 | 9.3 | 7.3 | | 195 |
| 200 | 9.2 | 8 | | | 10.1 | 8.3 | | | 10.7 | 8.6 | 7.2 | | 11.2 | 8.8 | 7.2 | | 10 | 9 | 7.2 | | 8.2 | 9.1 | 7.3 | | 8.2 | 9.1 | 7.3 | | 200 |
| 205 | 8.9 | 7.9 | | | 9.6 | 8.1 | | | 10.3 | 8.4 | 7.1 | | 10.4 | 8.6 | 7.2 | | 9.1 | 8.8 | 7.2 | | 7.3 | 8.9 | 7.2 | | 7.3 | 8.9 | 7.2 | | 205 |
| 210 | 8.6 | 7.7 | | | 9.1 | 8 | | | 10 | 8.2 | | | 9.6 | 8.5 | 7.1 | | 8.2 | 8.6 | 7.1 | | 6.4 | 8.7 | 7.1 | | 6.4 | 8.7 | 7.1 | | 210 |
| 215 | 8.3 | 7.6 | | | 8.4 | 7.8 | | | 9.6 | 8.1 | | | 8.8 | 8.3 | 7.1 | | 7.4 | 8.4 | 7.1 | | 5.6 | 8.2 | 7.1 | | 5.6 | 8.2 | 7.1 | | 215 |
| 220 | 8 | | | | 7.6 | 7.7 | | | 9 | 7.9 | | | 8 | 8.1 | | | 6.6 | 8.3 | 7.1 | | 4.8 | 7.5 | 7.1 | | 4.8 | 7.5 | 7.1 | | 220 |
| 225 | 7.5 | | | | 6.7 | 7.6 | | | 8.4 | 7.8 | | | 7.2 | 8 | | | 5.8 | 7.9 | 7 | | 4 | 6.6 | 7 | | 4 | 6.6 | 7 | | 225 |
| 230 | 6.8 | | | | 6 | 7.2 | | | 7.8 | 7.7 | | | 6.4 | 7.8 | | | 5.1 | 7.3 | 7 | | | 5.8 | 7 | | | 5.8 | 7 | | 230 |
| 235 | 4.2 | | | | 5.1 | | | | 7.1 | 7.6 | | | 5.7 | 7.4 | | | 4.4 | 6.6 | | | | 5 | 6.5 | | | 5 | 6.5 | | 235 |
| 240 | | | | | 4.2 | | | | 6.4 | 7.5 | | | 5 | 6.7 | | | 3.7 | 5.8 | | | | 4.3 | 5.9 | | | 4.3 | 5.9 | | 240 |
| 245 | | | | | 3.4 | | | | 5.7 | 6.9 | | | 4.3 | 6 | | | 2.9 | 5 | | | | 3.4 | | | | 3.4 | | | 245 |
| 250 | | | | | | | | | 4.9 | | | | 3.6 | 5.3 | | | | 4.3 | | | | | | | | | | | 250 |
| 255 | | | | | | | | | 4.2 | | | | 2.8 | 4.5 | | | | 3.5 | | | | | | | | | | | 255 |
| 260 | | | | | | | | | 3.5 | | | | | 3.7 | | | | 2.7 | | | | | | | | | | | 260 |
| 265 | | | | | | | | | | | | | | 2.8 | | | | | | | | | | | | | | | 265 |

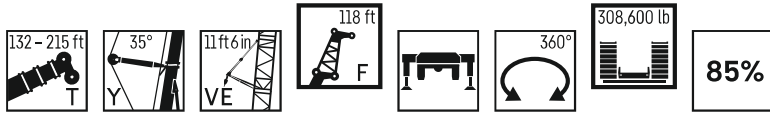
* adapter - pièce d'adaptateur

t_180_61505_00_000 / 61525_00_000 / 61545_00_000 / 61565_00_000

Lifting capacities

Forces de levage

TYVEF 118 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | | | |
|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|-----|-----|-----|-----------------|------|-----|-----|------|------|-----|-----|-----|
| | F 118 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 45 | 28.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 26.7 | | | | 27.7 | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 25.3 | | | | 26.4 | | | | 26 | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 24.1 | | | | 25.2 | | | | 25 | | | | 25 | | | | | | | | | | | | | | | | 60 |
| 65 | 22.9 | | | | 24.1 | | | | 24 | | | | 24 | | | | | | | | 23.5 | | | | | | | | 65 |
| 70 | 21.9 | | | | 23 | | | | 23 | | | | 23 | | | | | | | | 22.6 | | | | 21.5 | | | | 70 |
| 75 | 20.9 | | | | 22 | | | | 22 | | | | 22.1 | | | | | | | | 21.8 | | | | 21 | | | | 75 |
| 80 | 20 | | | | 21.1 | | | | 21.2 | | | | 21.3 | | | | | | | | 21 | | | | 20.3 | | | | 80 |
| 85 | 19.1 | 12.8 | | | 20.2 | | | | 20.4 | | | | 20.5 | | | | | | | | 20.3 | | | | 19.7 | | | | 85 |
| 90 | 18.4 | 12.2 | | | 19.5 | 13.2 | | | 19.6 | | | | 19.8 | | | | | | | | 19.6 | | | | 19.1 | | | | 90 |
| 95 | 17.6 | 11.7 | | | 18.8 | 12.8 | | | 18.9 | 12.9 | | | 19.1 | | | | | | | | 19 | | | | 18.4 | | | | 95 |
| 100 | 16.8 | 11.2 | | | 18 | 12.3 | | | 18.2 | 12.4 | | | 18.5 | 12.5 | | | | | | | 18.3 | | | | 17.9 | | | | 100 |
| 105 | 16.2 | 10.8 | | | 17.3 | 11.9 | | | 17.6 | 12 | | | 17.9 | 12.2 | | | | | | | 17.7 | 12.1 | | | 17.4 | | | | 105 |
| 110 | 15.5 | 10.4 | | | 16.7 | 11.5 | | | 16.9 | 11.6 | | | 17.3 | 11.8 | | | | | | | 17.2 | 11.8 | | | 16.8 | 11.6 | | | 110 |
| 115 | 14.9 | 10 | 6.8 | | 16.1 | 11.1 | | | 16.4 | 11.3 | | | 16.7 | 11.4 | | | | | | | 16.7 | 11.4 | | | 16.4 | 11.3 | | | 115 |
| 120 | 14.2 | 9.6 | 6.7 | | 15.5 | 10.7 | 7.3 | | 15.8 | 10.9 | | | 16.2 | 11.1 | | | | | | | 16.2 | 11.1 | | | 15.9 | 11 | | | 120 |
| 125 | 13.6 | 9.2 | 6.5 | | 15 | 10.3 | 7.1 | | 15.3 | 10.5 | 7.1 | | 15.6 | 10.7 | | | | | | | 15.7 | 10.8 | | | 15.5 | 10.6 | | | 125 |
| 130 | 13 | 8.8 | 6.3 | | 14.4 | 10 | 7 | | 14.8 | 10.2 | 7 | | 15.2 | 10.4 | 7 | | | | | | 15.2 | 10.5 | | | 15.1 | 10.3 | | | 130 |
| 135 | 12.4 | 8.5 | 6.2 | 3.3 | 13.9 | 9.6 | 6.8 | | 14.3 | 9.8 | 6.8 | | 14.7 | 10.1 | 6.9 | | | | | | 14.8 | 10.1 | 6.9 | | 14.6 | 10.1 | | | 135 |
| 140 | 11.8 | 8.2 | 6 | 3.2 | 13.4 | 9.3 | 6.6 | 3.8 | 13.8 | 9.5 | 6.7 | | 14.2 | 9.7 | 6.7 | | | | | | 14.4 | 9.8 | 6.7 | | 14.2 | 9.8 | 6.7 | | 140 |
| 145 | 11.3 | 7.9 | 5.9 | 3.2 | 12.8 | 9 | 6.5 | 3.8 | 13.4 | 9.2 | 6.6 | 3.8 | 13.8 | 9.4 | 6.6 | 3.8 | | | | | 14 | 9.5 | 6.6 | | 13.8 | 9.5 | 6.6 | | 145 |
| 150 | 10.8 | 7.6 | 5.8 | 3.2 | 12.3 | 8.7 | 6.4 | 3.7 | 12.9 | 8.9 | 6.4 | 3.8 | 13.4 | 9.1 | 6.5 | 3.8 | | | | | 13.6 | 9.3 | 6.5 | 3.7 | 13.5 | 9.2 | 6.4 | | 150 |
| 155 | 10.3 | 7.4 | 5.6 | 3.2 | 11.9 | 8.4 | 6.2 | 3.7 | 12.4 | 8.6 | 6.3 | 3.7 | 13 | 8.9 | 6.4 | 3.8 | | | | | 13.2 | 9 | 6.4 | 3.7 | 13.1 | 9 | 6.3 | 3.7 | 155 |
| 160 | 9.9 | 7.2 | 5.5 | 3.2 | 11.4 | 8.1 | 6.1 | 3.7 | 12 | 8.4 | 6.2 | 3.7 | 12.5 | 8.6 | 6.2 | 3.7 | | | | | 12.8 | 8.7 | 6.3 | 3.7 | 12.8 | 8.7 | 6.2 | 3.7 | 160 |
| 165 | 9.4 | 7 | 5.4 | | 11 | 7.9 | 6 | 3.7 | 11.6 | 8.1 | 6.1 | 3.7 | 12.1 | 8.4 | 6.1 | 3.7 | | | | | 12.4 | 8.5 | 6.2 | 3.7 | 12.4 | 8.5 | 6.1 | 3.7 | 165 |
| 170 | 9 | 6.8 | 5.3 | | 10.5 | 7.6 | 5.9 | | 11.1 | 7.9 | 6 | 3.7 | 11.7 | 8.1 | 6 | 3.7 | | | | | 12.1 | 8.3 | 6.1 | 3.7 | 12.1 | 8.3 | 6.1 | 3.7 | 170 |
| 175 | 8.6 | 6.6 | 5.2 | | 10.1 | 7.4 | 5.8 | | 10.7 | 7.7 | 5.9 | | 11.3 | 7.9 | 5.9 | 3.7 | | | | | 11.7 | 8 | 6 | 3.7 | 11.8 | 8.1 | 6 | 3.7 | 175 |
| 180 | 8.3 | 6.5 | 5.1 | | 9.7 | 7.2 | 5.7 | | 10.3 | 7.5 | 5.8 | | 11 | 7.7 | 5.9 | | | | | | 11.3 | 7.8 | 5.9 | 3.7 | 11.5 | 7.9 | 5.9 | 3.6 | 180 |
| 185 | 7.9 | 6.3 | 5 | | 9.4 | 7.1 | 5.6 | | 9.9 | 7.3 | 5.7 | | 10.6 | 7.5 | 5.8 | | | | | | 11 | 7.6 | 5.8 | | 11.1 | 7.7 | 5.8 | 3.6 | 185 |
| 190 | 7.6 | 6.1 | 5 | | 9 | 6.9 | 5.5 | | 9.6 | 7.1 | 5.6 | | 10.2 | 7.3 | 5.7 | | | | | | 10.6 | 7.5 | 5.7 | | 10.8 | 7.5 | 5.7 | 3.6 | 190 |
| 195 | 7.3 | 6 | 4.9 | | 8.7 | 6.7 | 5.4 | | 9.2 | 6.9 | 5.5 | | 9.9 | 7.2 | 5.6 | | | | | | 10.3 | 7.3 | 5.7 | | 10.5 | 7.3 | 5.6 | | 195 |
| 200 | 7.1 | 5.8 | 4.9 | | 8.3 | 6.6 | 5.4 | | 8.9 | 6.8 | 5.4 | | 9.5 | 7 | 5.5 | | | | | | 10 | 7.1 | 5.6 | | 10.2 | 7.2 | 5.6 | | 200 |
| 205 | 6.8 | 5.7 | 4.8 | | 8 | 6.4 | 5.3 | | 8.6 | 6.6 | 5.4 | | 9.2 | 6.8 | 5.5 | | | | | | 9.6 | 7 | 5.5 | | 9.9 | 7 | 5.5 | | 205 |
| 210 | 6.6 | 5.6 | | | 7.7 | 6.3 | 5.3 | | 8.3 | 6.5 | 5.3 | | 8.9 | 6.7 | 5.4 | | | | | | 9.3 | 6.8 | 5.4 | | 9.6 | 6.9 | 5.5 | | 210 |
| 215 | 6.4 | 5.5 | | | 7.5 | 6.1 | 5.2 | | 7.9 | 6.3 | 5.3 | | 8.6 | 6.5 | 5.3 | | | | | | 9 | 6.7 | 5.4 | | 9.3 | 6.8 | 5.4 | | 215 |
| 220 | 6.2 | 5.4 | | | 7.2 | 6 | | | 7.7 | 6.2 | 5.2 | | 8.3 | 6.4 | 5.3 | | | | | | 8.7 | 6.6 | 5.3 | | 9 | 6.7 | 5.3 | | 220 |
| 225 | 6 | 5.3 | | | 7 | 5.9 | | | 7.5 | 6.1 | 5.2 | | 8 | 6.3 | 5.2 | | | | | | 8.5 | 6.4 | 5.3 | | 8.7 | 6.5 | 5.3 | | 225 |
| 230 | 5.8 | 5.2 | | | 6.7 | 5.8 | | | 7.3 | 6 | | | 7.7 | 6.2 | 5.2 | | | | | | 8.2 | 6.3 | 5.2 | | 8.5 | 6.4 | 5.2 | | 230 |
| 235 | 5.6 | 5.2 | | | 6.5 | 5.7 | | | 7 | 5.9 | | | 7.5 | 6.1 | 5.2 | | | | | | 8 | 6.2 | 5.2 | | 8.2 | 6.3 | 5.2 | | 235 |
| 240 | 5.4 | | | | 6.3 | 5.6 | | | 6.8 | 5.8 | | | 7.3 | 5.9 | | | | | | | 7.6 | 6.1 | 5.1 | | 7.7 | 6.2 | 5.2 | | 240 |
| 245 | 5.3 | | | | 6.1 | 5.5 | | | 6.6 | 5.7 | | | 7.1 | 5.8 | | | | | | | 7.4 | 6 | 5.1 | | 7.2 | 6.1 | 5.1 | | 245 |
| 250 | 4.6 | | | | 5.7 | 5.5 | | | 6.4 | 5.6 | | | 6.9 | 5.7 | | | | | | | 7.2 | 5.9 | 5.1 | | 6.7 | 6 | 5.1 | | 250 |
| 255 | | | | | 5.1 | | | | 6.2 | 5.5 | | | 6.7 | 5.7 | | | | | | | 7 | 5.8 | | | 6.1 | 5.9 | 5.1 | | 255 |
| 260 | | | | | 4 | | | | 6 | 5.4 | | | 6.5 | 5.6 | | | | | | | 6.6 | 5.7 | | | 5.4 | 5.8 | 5.1 | | 260 |
| 265 | | | | | | | | | 5.8 | 5.4 | | | 6.3 | 5.5 | | | | | | | 6.1 | 5.6 | | | 4.8 | 5.7 | | | 265 |
| 270 | | | | | | | | | 5.2 | 5.3 | | | 5.7 | 5.4 | | | | | | | 5.5 | 5.5 | | | 4.1 | 5.6 | | | 270 |
| 275 | | | | | | | | | 4.1 | | | | 4.8 | 5.4 | | | | | | | 4.7 | 5.5 | | | 3.5 | 5.4 | | | 275 |
| 280 | | | | | | | | | | | | | 3.7 | 5.3 | | | | | | | 3.9 | 5.3 | | | 2.8 | 4.8 | | | 280 |
| 285 | | | | | | | | | | | | | | 4.9 | | | | | | | 2.8 | 5.1 | | | | 4.1 | | | 285 |
| 290 | | | | | | | | | | | | | | | | | | | | | | 4.4 | | | | 3.5 | | | 290 |
| 295 | | | | | | | | | | | | | | | | | | | | | | 3.6 | | | | | | | 295 |

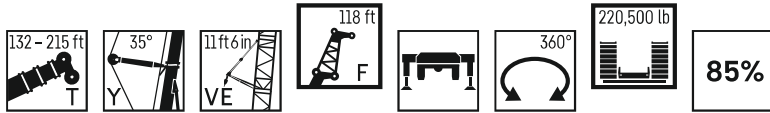
* adapter - pièce d'adaptateur

t_180_61601_00_000 / 61621_00_000 / 61641_00_000 / 61661_00_000

Lifting capacities

Forces de levage

TYVEF 118 ft



| | 132 ft + 20 ft* | | | | 149 ft + 20 ft* | | | | 165 ft + 20 ft* | | | | 182 ft + 20 ft* | | | | 198 ft + 20 ft* | | | | 215 ft + 20 ft* | | | | | | | | |
|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|------|-----|-----|-----------------|-----|-----|-----|-----------------|------|-----|-----|------|------|-----|-----|-----|
| | F 118 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 45 | 28.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 26.7 | | | | 27.7 | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 25.3 | | | | 26.4 | | | | 26 | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 24.1 | | | | 25.2 | | | | 25 | | | | 25 | | | | | | | | | | | | | | | | 60 |
| 65 | 22.9 | | | | 24.1 | | | | 24 | | | | 24 | | | | | | | | 23.5 | | | | | | | | 65 |
| 70 | 21.9 | | | | 23 | | | | 23 | | | | 23 | | | | | | | | 22.6 | | | | 21.5 | | | | 70 |
| 75 | 20.9 | | | | 22 | | | | 22 | | | | 22.1 | | | | | | | | 21.8 | | | | 21 | | | | 75 |
| 80 | 20 | | | | 21.1 | | | | 21.2 | | | | 21.3 | | | | | | | | 21 | | | | 20.3 | | | | 80 |
| 85 | 19.1 | 12.8 | | | 20.2 | | | | 20.4 | | | | 20.5 | | | | | | | | 20.3 | | | | 19.7 | | | | 85 |
| 90 | 18.4 | 12.2 | | | 19.5 | 13.2 | | | 19.6 | | | | 19.8 | | | | | | | | 19.6 | | | | 19.1 | | | | 90 |
| 95 | 17.6 | 11.7 | | | 18.8 | 12.8 | | | 18.9 | 12.9 | | | 19.1 | | | | | | | | 19 | | | | 18.4 | | | | 95 |
| 100 | 16.8 | 11.2 | | | 18 | 12.3 | | | 18.2 | 12.4 | | | 18.5 | 12.5 | | | | | | | 18.3 | | | | 17.9 | | | | 100 |
| 105 | 16.2 | 10.8 | | | 17.3 | 11.9 | | | 17.6 | 12 | | | 17.9 | 12.2 | | | | | | | 17.7 | 12.1 | | | 17.4 | | | | 105 |
| 110 | 15.5 | 10.4 | | | 16.7 | 11.5 | | | 16.9 | 11.6 | | | 17.3 | 11.8 | | | | | | | 17.2 | 11.8 | | | 16.8 | 11.6 | | | 110 |
| 115 | 14.9 | 10 | 6.8 | | 16.1 | 11.1 | | | 16.4 | 11.3 | | | 16.7 | 11.4 | | | | | | | 16.7 | 11.4 | | | 16.4 | 11.3 | | | 115 |
| 120 | 14.2 | 9.6 | 6.7 | | 15.5 | 10.7 | 7.3 | | 15.8 | 10.9 | | | 16.2 | 11.1 | | | | | | | 16.2 | 11.1 | | | 15.9 | 11 | | | 120 |
| 125 | 13.6 | 9.2 | 6.5 | | 15 | 10.3 | 7.1 | | 15.3 | 10.5 | 7.1 | | 15.6 | 10.7 | | | | | | | 15.7 | 10.8 | | | 15.5 | 10.6 | | | 125 |
| 130 | 13 | 8.8 | 6.3 | | 14.4 | 10 | 7 | | 14.8 | 10.2 | 7 | | 15.2 | 10.4 | 7 | | | | | | 15.2 | 10.5 | | | 15.1 | 10.3 | | | 130 |
| 135 | 12.4 | 8.5 | 6.2 | 3.3 | 13.9 | 9.6 | 6.8 | | 14.3 | 9.8 | 6.8 | | 14.7 | 10.1 | 6.9 | | | | | | 14.8 | 10.1 | 6.9 | | 14.6 | 10.1 | | | 135 |
| 140 | 11.8 | 8.2 | 6 | 3.2 | 13.4 | 9.3 | 6.6 | 3.8 | 13.8 | 9.5 | 6.7 | | 14.2 | 9.7 | 6.7 | | | | | | 14.4 | 9.8 | 6.7 | | 14.2 | 9.8 | 6.7 | | 140 |
| 145 | 11.3 | 7.9 | 5.9 | 3.2 | 12.8 | 9 | 6.5 | 3.8 | 13.4 | 9.2 | 6.6 | 3.8 | 13.8 | 9.4 | 6.6 | 3.8 | | | | | 14 | 9.5 | 6.6 | | 13.8 | 9.5 | 6.6 | | 145 |
| 150 | 10.8 | 7.6 | 5.8 | 3.2 | 12.3 | 8.7 | 6.4 | 3.7 | 12.9 | 8.9 | 6.4 | 3.8 | 13.4 | 9.1 | 6.5 | 3.8 | 13.6 | 9.3 | 6.5 | 3.7 | 13.6 | 9.3 | 6.5 | 3.7 | 13.5 | 9.2 | 6.4 | | 150 |
| 155 | 10.3 | 7.4 | 5.6 | 3.2 | 11.9 | 8.4 | 6.2 | 3.7 | 12.4 | 8.6 | 6.3 | 3.7 | 13 | 8.9 | 6.4 | 3.8 | 13.2 | 9 | 6.4 | 3.7 | 13.2 | 9 | 6.4 | 3.7 | 13.1 | 9 | 6.3 | 3.7 | 155 |
| 160 | 9.9 | 7.2 | 5.5 | 3.2 | 11.4 | 8.1 | 6.1 | 3.7 | 12 | 8.4 | 6.2 | 3.7 | 12.5 | 8.6 | 6.2 | 3.7 | 12.8 | 8.7 | 6.3 | 3.7 | 12.8 | 8.7 | 6.3 | 3.7 | 12.8 | 8.7 | 6.2 | 3.7 | 160 |
| 165 | 9.4 | 7 | 5.4 | | 11 | 7.9 | 6 | 3.7 | 11.6 | 8.1 | 6.1 | 3.7 | 12.1 | 8.4 | 6.1 | 3.7 | 12.4 | 8.5 | 6.2 | 3.7 | 12.4 | 8.5 | 6.2 | 3.7 | 12.4 | 8.5 | 6.1 | 3.7 | 165 |
| 170 | 9 | 6.8 | 5.3 | | 10.5 | 7.6 | 5.9 | | 11.1 | 7.9 | 6 | 3.7 | 11.7 | 8.1 | 6 | 3.7 | 12.1 | 8.3 | 6.1 | 3.7 | 12.1 | 8.3 | 6.1 | 3.7 | 12.1 | 8.3 | 6.1 | 3.7 | 170 |
| 175 | 8.6 | 6.6 | 5.2 | | 10.1 | 7.4 | 5.8 | | 10.7 | 7.7 | 5.9 | | 11.3 | 7.9 | 5.9 | 3.7 | 11.7 | 8 | 6 | 3.7 | 11.7 | 8 | 6 | 3.7 | 11.8 | 8.1 | 6 | 3.7 | 175 |
| 180 | 8.3 | 6.5 | 5.1 | | 9.7 | 7.2 | 5.7 | | 10.3 | 7.5 | 5.8 | | 11 | 7.7 | 5.9 | | 11.3 | 7.8 | 5.9 | 3.7 | 11.3 | 7.8 | 5.9 | 3.7 | 11.5 | 7.9 | 5.9 | 3.6 | 180 |
| 185 | 7.9 | 6.3 | 5 | | 9.4 | 7.1 | 5.6 | | 9.9 | 7.3 | 5.7 | | 10.6 | 7.5 | 5.8 | | 11 | 7.6 | 5.8 | | 11 | 7.6 | 5.8 | | 11.1 | 7.7 | 5.8 | 3.6 | 185 |
| 190 | 7.6 | 6.1 | 5 | | 9 | 6.9 | 5.5 | | 9.6 | 7.1 | 5.6 | | 10.2 | 7.3 | 5.7 | | 10.5 | 7.5 | 5.7 | | 10.5 | 7.5 | 5.7 | | 10.4 | 7.5 | 5.7 | 3.6 | 190 |
| 195 | 7.3 | 6 | 4.9 | | 8.7 | 6.7 | 5.4 | | 9.2 | 6.9 | 5.5 | | 9.8 | 7.2 | 5.6 | | 10.2 | 7.3 | 5.7 | | 10.2 | 7.3 | 5.7 | | 9.7 | 7.3 | 5.6 | | 195 |
| 200 | 7.1 | 5.8 | 4.9 | | 8.3 | 6.6 | 5.4 | | 8.9 | 6.8 | 5.4 | | 9.4 | 7 | 5.5 | | 9.8 | 7.1 | 5.6 | | 9.8 | 7.1 | 5.6 | | 8.9 | 7.2 | 5.6 | | 200 |
| 205 | 6.8 | 5.7 | 4.8 | | 8 | 6.4 | 5.3 | | 8.6 | 6.6 | 5.4 | | 9.1 | 6.8 | 5.5 | | 9.4 | 7 | 5.5 | | 9.4 | 7 | 5.5 | | 8 | 7 | 5.5 | | 205 |
| 210 | 6.6 | 5.6 | | | 7.7 | 6.3 | 5.3 | | 8.3 | 6.5 | 5.3 | | 8.8 | 6.7 | 5.4 | | 8.8 | 6.8 | 5.4 | | 8.8 | 6.8 | 5.4 | | 7.2 | 6.9 | 5.5 | | 210 |
| 215 | 6.4 | 5.5 | | | 7.5 | 6.1 | 5.2 | | 7.9 | 6.3 | 5.3 | | 8.4 | 6.5 | 5.3 | | 8.1 | 6.7 | 5.4 | | 8.1 | 6.7 | 5.4 | | 6.3 | 6.8 | 5.4 | | 215 |
| 220 | 6.2 | 5.4 | | | 7.2 | 6 | | | 7.6 | 6.2 | 5.2 | | 8.1 | 6.4 | 5.3 | | 7.3 | 6.6 | 5.3 | | 7.3 | 6.6 | 5.3 | | 5.6 | 6.7 | 5.3 | | 220 |
| 225 | 6 | 5.3 | | | 6.8 | 5.9 | | | 7.4 | 6.1 | 5.2 | | 7.7 | 6.3 | 5.2 | | 6.6 | 6.4 | 5.3 | | 6.6 | 6.4 | 5.3 | | 4.9 | 6.5 | 5.3 | | 225 |
| 230 | 5.8 | 5.2 | | | 6.4 | 5.8 | | | 7.2 | 6 | | | 7.2 | 6.2 | 5.2 | | 5.9 | 6.3 | 5.2 | | 5.9 | 6.3 | 5.2 | | 4.2 | 6.4 | 5.2 | | 230 |
| 235 | 5.6 | 5.2 | | | 5.8 | 5.7 | | | 7 | 5.9 | | | 6.5 | 6.1 | 5.2 | | 5.2 | 6.2 | 5.2 | | 5.2 | 6.2 | 5.2 | | 3.4 | 6.1 | 5.2 | | 235 |
| 240 | 5.4 | | | | 5.4 | 5.6 | | | 6.7 | 5.8 | | | 5.8 | 5.9 | | | 4.5 | 6.1 | 5.1 | | 4.5 | 6.1 | 5.1 | | 2.7 | 5.5 | 5.2 | | 240 |
| 245 | 5.2 | | | | 4.6 | 5.5 | | | 6.3 | 5.7 | | | 5.1 | 5.8 | | | 3.9 | 5.9 | 5.1 | | 3.9 | 5.9 | 5.1 | | | 4.8 | 5.1 | | 245 |
| 250 | 4.5 | | | | 3.8 | 5.3 | | | 5.8 | 5.6 | | | 4.5 | 5.7 | | | 3.2 | 5.5 | 5.1 | | 3.2 | 5.5 | 5.1 | | | 4.1 | 5.1 | | 250 |
| 255 | | | | | 3.1 | | | | 5.2 | 5.5 | | | 3.8 | 5.3 | | | 2.6 | 4.8 | | | 2.6 | 4.8 | | | | 3.4 | 4.9 | | 255 |
| 260 | | | | | | | | | 4.6 | 5.4 | | | 3.2 | 5 | | | | 4.1 | | | | 4.1 | | | | 2.7 | 4.4 | | 260 |
| 265 | | | | | | | | | 3.9 | 5.1 | | | | 4.4 | | | | 3.4 | | | | 3.4 | | | | | | | 265 |
| 270 | | | | | | | | | 3.2 | 4.7 | | | | 3.7 | | | | | | | | | | | | | | | 270 |
| 275 | | | | | | | | | 2.6 | | | | | 3 | | | | | | | | | | | | | | | 275 |

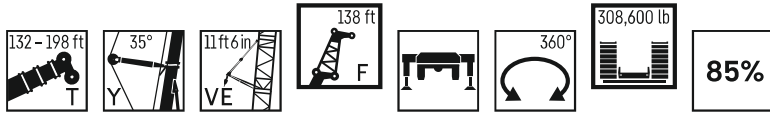
* adapter - pièce d'adaptateur

† 180_61605_00_000 / 61625_00_000 / 61645_00_000 / 61665_00_000

Lifting capacities

Forces de levage

TYVEF 138 ft



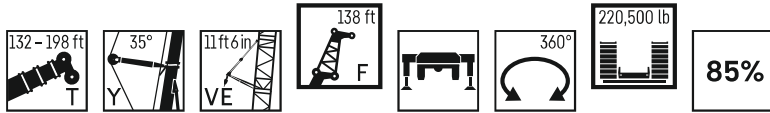
| | 132 ft + 20 ft* | | | 149 ft + 20 ft* | | | 165 ft + 20 ft* | | | 182 ft + 20 ft* | | | 198 ft + 20 ft* | | |
|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|------|-----------------|------|-----|
| | F 138 ft | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | |
| 50 | 22.4 | | | | | | | | | | | | | | 50 |
| 55 | 21.3 | | | | | | 21.1 | | | | | | | | 55 |
| 60 | 20.3 | | | | | | 20.2 | | | | | 19.9 | | | 60 |
| 65 | 19.3 | | | | | | 19.3 | | | | | 19.3 | | | 65 |
| 70 | 18.5 | | | | | | 18.5 | | | | | 18.5 | | 18 | 70 |
| 75 | 17.7 | | | | | | 17.7 | | | | | 17.8 | | 17.3 | 75 |
| 80 | 16.9 | | | | | | 17 | | | | | 17.1 | | 16.7 | 80 |
| 85 | 16.1 | | | | | | 16.3 | | | | | 16.4 | | 16.1 | 85 |
| 90 | 15.5 | | | | | | 15.6 | | | | | 15.9 | | 15.6 | 90 |
| 95 | 14.8 | 10 | | | | | 15 | | | | | 15.3 | | 15 | 95 |
| 100 | 14.2 | 9.6 | | | | | 14.5 | 9.7 | | | | 14.7 | | 14.5 | 100 |
| 105 | 13.6 | 9.2 | | | | | 13.9 | 9.3 | | | | 14.2 | | 14.1 | 105 |
| 110 | 13.1 | 8.9 | | | | | 13.3 | 9 | | | | 13.8 | 9.2 | 13.6 | 110 |
| 115 | 12.6 | 8.5 | | | | | 12.8 | 8.7 | | | | 13.3 | 8.9 | 13.1 | 115 |
| 120 | 12.1 | 8.2 | | | | | 12.4 | 8.3 | | | | 12.8 | 8.6 | 12.7 | 120 |
| 125 | 11.6 | 7.9 | | | | | 11.9 | 8 | | | | 12.4 | 8.3 | 12.3 | 125 |
| 130 | 11.1 | 7.5 | | | | | 11.5 | 7.7 | | | | 12 | 8 | 11.9 | 130 |
| 135 | 10.7 | 7.3 | 5.1 | | | | 11.1 | 7.4 | 5.1 | | | 11.6 | 7.7 | 11.6 | 135 |
| 140 | 10.2 | 7 | 5 | 10.7 | 7.2 | 5 | 10.7 | 7.2 | 5 | 11 | 7.4 | 5 | 11.2 | 7.5 | 140 |
| 145 | 9.7 | 6.8 | 4.8 | 10.3 | 7 | 4.9 | 10.6 | 7.1 | 4.9 | 10.9 | 7.3 | 4.9 | 10.9 | 7.2 | 145 |
| 150 | 9.3 | 6.5 | 4.7 | 9.9 | 6.7 | 4.7 | 10.3 | 6.9 | 4.8 | 10.5 | 7 | 4.8 | 10.5 | 7 | 150 |
| 155 | 8.9 | 6.3 | 4.6 | 9.4 | 6.5 | 4.6 | 9.9 | 6.7 | 4.7 | 10.2 | 6.8 | 4.7 | 10.2 | 6.9 | 155 |
| 160 | 8.5 | 6.1 | 4.5 | 9 | 6.3 | 4.5 | 9.5 | 6.5 | 4.6 | 9.8 | 6.6 | 4.6 | 9.9 | 6.7 | 160 |
| 165 | 8.2 | 5.9 | 4.3 | 8.7 | 6.1 | 4.4 | 9.2 | 6.3 | 4.4 | 9.5 | 6.4 | 4.5 | 9.6 | 6.5 | 165 |
| 170 | 7.8 | 5.7 | 4.2 | 8.3 | 5.9 | 4.3 | 8.8 | 6.1 | 4.3 | 9.2 | 6.3 | 4.4 | 9.3 | 6.3 | 170 |
| 175 | 7.4 | 5.5 | 4.1 | 8 | 5.7 | 4.2 | 8.5 | 5.9 | 4.3 | 8.9 | 6.1 | 4.3 | 9 | 6.1 | 175 |
| 180 | 7.2 | 5.4 | 4 | 7.7 | 5.6 | 4.1 | 8.2 | 5.8 | 4.2 | 8.6 | 5.9 | 4.2 | 8.7 | 6 | 180 |
| 185 | 6.9 | 5.2 | 3.9 | 7.4 | 5.4 | 4 | 7.9 | 5.6 | 4.1 | 8.3 | 5.7 | 4.1 | 8.5 | 5.8 | 185 |
| 190 | 6.6 | 5.1 | 3.9 | 7.1 | 5.2 | 3.9 | 7.6 | 5.4 | 4 | 8 | 5.6 | 4.1 | 8.2 | 5.7 | 190 |
| 195 | 6.4 | 4.9 | 3.8 | 6.8 | 5.1 | 3.8 | 7.3 | 5.3 | 3.9 | 7.7 | 5.4 | 4 | 7.9 | 5.5 | 195 |
| 200 | 6.1 | 4.7 | 3.7 | 6.6 | 5 | 3.8 | 7 | 5.1 | 3.8 | 7.5 | 5.3 | 3.9 | 7.6 | 5.4 | 200 |
| 205 | 5.8 | 4.6 | 3.6 | 6.4 | 4.8 | 3.7 | 6.8 | 5 | 3.8 | 7.2 | 5.2 | 3.8 | 7.4 | 5.3 | 205 |
| 210 | 5.6 | 4.5 | 3.6 | 6.1 | 4.7 | 3.6 | 6.6 | 4.9 | 3.7 | 6.9 | 5 | 3.8 | 7.2 | 5.1 | 210 |
| 215 | 5.4 | 4.4 | 3.5 | 5.9 | 4.6 | 3.6 | 6.4 | 4.7 | 3.6 | 6.7 | 4.9 | 3.7 | 7 | 5 | 215 |
| 220 | 5.2 | 4.2 | 3.5 | 5.7 | 4.4 | 3.5 | 6.1 | 4.6 | 3.6 | 6.5 | 4.8 | 3.7 | 6.7 | 4.9 | 220 |
| 225 | 5 | 4.1 | 3.4 | 5.5 | 4.3 | 3.5 | 5.9 | 4.5 | 3.5 | 6.3 | 4.7 | 3.6 | 6.5 | 4.8 | 225 |
| 230 | 4.8 | 4 | | 5.3 | 4.2 | 3.4 | 5.7 | 4.4 | 3.5 | 6.1 | 4.5 | 3.5 | 6.3 | 4.7 | 230 |
| 235 | 4.6 | 3.9 | | 5.1 | 4.1 | 3.4 | 5.5 | 4.3 | 3.5 | 5.9 | 4.5 | 3.5 | 6.1 | 4.5 | 235 |
| 240 | 4.5 | 3.9 | | 4.9 | 4 | | 5.3 | 4.2 | 3.4 | 5.7 | 4.4 | 3.5 | 6 | 4.4 | 240 |
| 245 | 4.3 | 3.8 | | 4.7 | 3.9 | | 5.2 | 4.1 | 3.4 | 5.5 | 4.3 | 3.4 | 5.8 | 4.3 | 245 |
| 250 | 4.1 | 3.7 | | 4.6 | 3.9 | | 5 | 4 | | 5.4 | 4.2 | 3.4 | 5.6 | 4.3 | 250 |
| 255 | 4 | 3.6 | | 4.4 | 3.8 | | 4.8 | 3.9 | | 5.2 | 4.1 | 3.4 | 5.4 | 4.2 | 255 |
| 260 | 3.8 | | | 4.3 | 3.7 | | 4.6 | 3.8 | | 5 | 4 | | 5.2 | 4.1 | 260 |
| 265 | 3.7 | | | 4.1 | 3.6 | | 4.5 | 3.8 | | 4.9 | 3.9 | | 5.1 | 4 | 265 |
| 270 | | | | 3.9 | | | 4.3 | 3.7 | | 4.7 | 3.8 | | 4.9 | 3.9 | 270 |
| 275 | | | | 3.6 | | | 4.2 | 3.6 | | 4.5 | 3.8 | | 4.7 | 3.9 | 275 |
| 280 | | | | | | | 4 | 3.6 | | 4.4 | 3.7 | | 4.5 | 3.8 | 280 |
| 285 | | | | | | | 3.7 | | | 4.2 | 3.6 | | 4.2 | 3.7 | 285 |
| 290 | | | | | | | 3.4 | | | 3.5 | 3.6 | | 3.5 | 3.7 | 290 |
| 295 | | | | | | | | | | 2.8 | 3.5 | | | 3.4 | 295 |
| 300 | | | | | | | | | | | 3.5 | | | | 300 |
| 305 | | | | | | | | | | | 2.6 | | | | 305 |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TYVEF 138 ft



| | 132 ft + 20 ft* | | | 149 ft + 20 ft* | | | 165 ft + 20 ft* | | | 182 ft + 20 ft* | | | 198 ft + 20 ft* | | |
|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | |
| 50 | 22.4 | | | | | | | | | | | | | | 50 |
| 55 | 21.3 | | | 21.1 | | | | | | | | | | | 55 |
| 60 | 20.3 | | | 20.2 | | | 20.2 | | | 19.9 | | | | | 60 |
| 65 | 19.3 | | | 19.3 | | | 19.4 | | | 19.3 | | | | | 65 |
| 70 | 18.5 | | | 18.5 | | | 18.6 | | | 18.5 | | | 18 | | 70 |
| 75 | 17.7 | | | 17.7 | | | 17.8 | | | 17.8 | | | 17.3 | | 75 |
| 80 | 16.9 | | | 17 | | | 17.1 | | | 17.1 | | | 16.7 | | 80 |
| 85 | 16.1 | | | 16.3 | | | 16.4 | | | 16.4 | | | 16.1 | | 85 |
| 90 | 15.5 | | | 15.6 | | | 15.8 | | | 15.9 | | | 15.6 | | 90 |
| 95 | 14.8 | 10 | | 15 | | | 15.2 | | | 15.3 | | | 15 | | 95 |
| 100 | 14.2 | 9.6 | | 14.5 | 9.7 | | 14.6 | | | 14.7 | | | 14.5 | | 100 |
| 105 | 13.6 | 9.2 | | 13.9 | 9.3 | | 14.1 | 9.5 | | 14.2 | | | 14.1 | | 105 |
| 110 | 13.1 | 8.9 | | 13.3 | 9 | | 13.6 | 9.1 | | 13.8 | 9.2 | | 13.6 | | 110 |
| 115 | 12.6 | 8.5 | | 12.8 | 8.7 | | 13.1 | 8.8 | | 13.3 | 8.9 | | 13.1 | 8.8 | 115 |
| 120 | 12.1 | 8.2 | | 12.4 | 8.3 | | 12.6 | 8.5 | | 12.8 | 8.6 | | 12.7 | 8.5 | 120 |
| 125 | 11.6 | 7.9 | | 11.9 | 8 | | 12.2 | 8.2 | | 12.4 | 8.3 | | 12.3 | 8.3 | 125 |
| 130 | 11.1 | 7.5 | | 11.5 | 7.7 | | 11.8 | 7.9 | | 12 | 8 | | 11.9 | 8 | 130 |
| 135 | 10.7 | 7.3 | 5.1 | 11.1 | 7.4 | 5.1 | 11.4 | 7.6 | | 11.6 | 7.7 | | 11.6 | 7.7 | 135 |
| 140 | 10.2 | 7 | 5 | 10.7 | 7.2 | 5 | 11 | 7.4 | 5 | 11.2 | 7.5 | | 11.2 | 7.5 | 140 |
| 145 | 9.7 | 6.8 | 4.8 | 10.3 | 7 | 4.9 | 10.6 | 7.1 | 4.9 | 10.9 | 7.3 | 4.9 | 10.9 | 7.2 | 145 |
| 150 | 9.3 | 6.5 | 4.7 | 9.9 | 6.7 | 4.7 | 10.3 | 6.9 | 4.8 | 10.5 | 7 | 4.8 | 10.5 | 7 | 150 |
| 155 | 8.9 | 6.3 | 4.6 | 9.4 | 6.5 | 4.6 | 9.9 | 6.7 | 4.7 | 10.2 | 6.8 | 4.7 | 10.2 | 6.9 | 155 |
| 160 | 8.5 | 6.1 | 4.5 | 9 | 6.3 | 4.5 | 9.5 | 6.5 | 4.6 | 9.8 | 6.6 | 4.6 | 9.9 | 6.7 | 160 |
| 165 | 8.2 | 5.9 | 4.3 | 8.7 | 6.1 | 4.4 | 9.2 | 6.3 | 4.4 | 9.5 | 6.4 | 4.5 | 9.6 | 6.5 | 165 |
| 170 | 7.8 | 5.7 | 4.2 | 8.3 | 5.9 | 4.3 | 8.8 | 6.1 | 4.3 | 9.2 | 6.3 | 4.4 | 9.3 | 6.3 | 170 |
| 175 | 7.4 | 5.5 | 4.1 | 8 | 5.7 | 4.2 | 8.5 | 5.9 | 4.3 | 8.9 | 6.1 | 4.3 | 9 | 6.1 | 175 |
| 180 | 7.2 | 5.4 | 4 | 7.7 | 5.6 | 4.1 | 8.2 | 5.8 | 4.2 | 8.6 | 5.9 | 4.2 | 8.7 | 6 | 180 |
| 185 | 6.9 | 5.2 | 3.9 | 7.4 | 5.4 | 4 | 7.9 | 5.6 | 4.1 | 8.3 | 5.7 | 4.1 | 8.5 | 5.8 | 185 |
| 190 | 6.6 | 5.1 | 3.9 | 7.1 | 5.2 | 3.9 | 7.6 | 5.4 | 4 | 8 | 5.6 | 4.1 | 8.2 | 5.7 | 190 |
| 195 | 6.4 | 4.9 | 3.8 | 6.8 | 5.1 | 3.8 | 7.3 | 5.3 | 3.9 | 7.7 | 5.4 | 4 | 7.9 | 5.5 | 195 |
| 200 | 6.1 | 4.7 | 3.7 | 6.6 | 5 | 3.8 | 7 | 5.1 | 3.8 | 7.5 | 5.3 | 3.9 | 7.6 | 5.4 | 200 |
| 205 | 5.8 | 4.6 | 3.6 | 6.4 | 4.8 | 3.7 | 6.8 | 5 | 3.8 | 7.2 | 5.2 | 3.8 | 7.4 | 5.3 | 205 |
| 210 | 5.6 | 4.5 | 3.6 | 6.1 | 4.7 | 3.6 | 6.6 | 4.9 | 3.7 | 6.9 | 5 | 3.8 | 7.1 | 5.1 | 210 |
| 215 | 5.4 | 4.4 | 3.5 | 5.9 | 4.6 | 3.6 | 6.4 | 4.7 | 3.6 | 6.7 | 4.9 | 3.7 | 6.9 | 5 | 215 |
| 220 | 5.2 | 4.2 | 3.5 | 5.7 | 4.4 | 3.5 | 6.1 | 4.6 | 3.6 | 6.5 | 4.8 | 3.7 | 6.6 | 4.9 | 220 |
| 225 | 5 | 4.1 | 3.4 | 5.5 | 4.3 | 3.5 | 5.9 | 4.5 | 3.5 | 6.2 | 4.7 | 3.6 | 6.4 | 4.8 | 225 |
| 230 | 4.8 | 4 | | 5.3 | 4.2 | 3.4 | 5.7 | 4.4 | 3.5 | 6 | 4.5 | 3.5 | 6 | 4.7 | 230 |
| 235 | 4.6 | 3.9 | | 5.1 | 4.1 | 3.4 | 5.4 | 4.3 | 3.5 | 5.8 | 4.5 | 3.5 | 5.4 | 4.5 | 235 |
| 240 | 4.5 | 3.9 | | 4.9 | 4 | | 5.3 | 4.2 | 3.4 | 5.6 | 4.4 | 3.5 | 4.8 | 4.4 | 240 |
| 245 | 4.3 | 3.8 | | 4.7 | 3.9 | | 5.1 | 4.1 | 3.4 | 5.2 | 4.3 | 3.4 | 4.2 | 4.3 | 245 |
| 250 | 4.1 | 3.7 | | 4.5 | 3.9 | | 4.9 | 4 | | 4.7 | 4.2 | 3.4 | 3.5 | 4.2 | 250 |
| 255 | 4 | 3.6 | | 4.2 | 3.8 | | 4.7 | 3.9 | | 4.2 | 4 | 3.4 | 2.9 | 4.1 | 255 |
| 260 | 3.8 | | | 3.6 | 3.7 | | 4.5 | 3.8 | | 3.7 | 4 | | | 3.6 | 260 |
| 265 | 3.7 | | | 2.9 | 3.6 | | 4.2 | 3.8 | | 3.1 | 3.9 | | | 2.9 | 265 |
| 270 | | | | | | | 3.9 | 3.7 | | 2.5 | 3.6 | | | | 270 |
| 275 | | | | | | | 3.4 | 3.6 | | | 3 | | | | 275 |
| 280 | | | | | | | 2.8 | 3.6 | | | | | | | 280 |

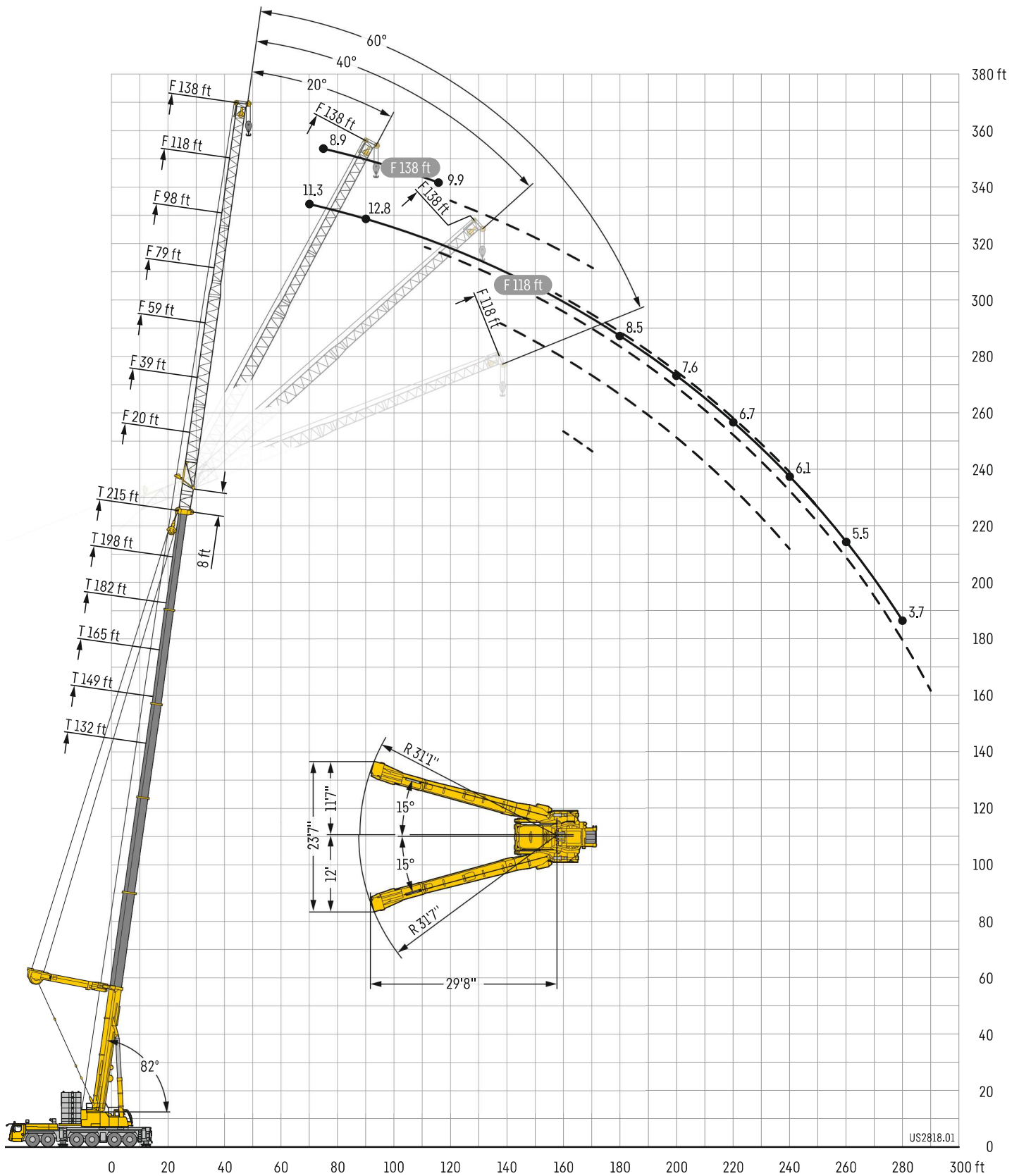
* adapter - pièce d'adaptateur

t_180_61705_00_000 / 61725_00_000 / 61745_00_000

Lifting heights

Hauteurs de levage

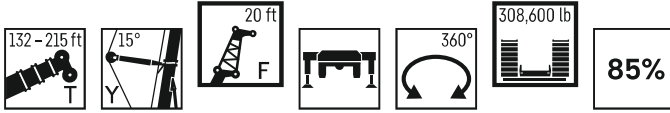
TYF



Lifting capacities

Forces de levage

TYF 20 ft



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|-----|----------------|-----|-----|-----|----|-----|
| | F 20 ft | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 32 | 88.4 | | | | 81.4 | | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 88.4 | | | | 81.3 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 88.3 | | | | 81.2 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 88 | 76.4 | | 53.4 | 81 | 76.8 | | | 69.9 | | | | | | | | | | | | | | | | | 38 |
| 40 | 87.7 | 75.6 | 59.4 | 53.4 | 80.7 | 76.3 | 59.8 | | 70.8 | | | | | | | | | | | | | | | | | 40 |
| 45 | 86.8 | 73.2 | 58.6 | 53.2 | 79.9 | 74.6 | 59.1 | 53.2 | 72.3 | 71.2 | | | | | | | | | | | | | | | | 45 |
| 50 | 85.8 | 70.7 | 57.8 | 53 | 79.1 | 72.5 | 58.2 | 53.1 | 72.5 | 68.9 | 57.2 | 52.1 | 62 | | | | | | | | | | | | | 50 |
| 55 | 84.3 | 68.1 | 57 | 52.8 | 78.4 | 70.4 | 57.5 | 52.9 | 72.2 | 66.5 | 56 | 51.5 | 63.4 | 64.3 | 51.1 | 50.6 | | | | | | | | | | 55 |
| 60 | 82 | 65.6 | 56.3 | | 77.7 | 68.3 | 56.8 | | 71.6 | 64.3 | 54.7 | 50.7 | 64.4 | 63.6 | 54.1 | 50.1 | 50.7 | 52.7 | 52.7 | | | | | | | 60 |
| 65 | 78 | 63.3 | 55.2 | | 76.9 | 66.1 | 56.2 | | 70.3 | 62.3 | 53.5 | 50 | 63.5 | 61.6 | 52.9 | 49.3 | | | | | | | | | | 65 |
| 70 | 74.5 | 61.2 | 54 | | 75.6 | 63.9 | 55.4 | | 69 | 60.4 | 52.3 | | 62.4 | 59.7 | 51.8 | 48.6 | | | | | | | | | | 70 |
| 75 | 71.2 | 59.2 | 52.8 | | 73.9 | 62 | 54.5 | | 67.7 | 58.7 | 51.3 | | 61.1 | 58.1 | 50.7 | | | | | | | | | | | 75 |
| 80 | 68.2 | 57.4 | 51.7 | | 71.9 | 60.1 | 53.4 | | 66.1 | 57 | 50.3 | | 59.5 | 56.4 | 49.7 | | | | | | | | | | | 80 |
| 85 | 65.4 | 55.7 | 50.7 | | 69.6 | 58.4 | 52.4 | | 64.4 | 55.5 | 49.4 | | 58 | 54.9 | 48.8 | | | | | | | | | | | 85 |
| 90 | 62.8 | 54.2 | 49.8 | | 65 | 56.8 | 51.5 | | 62.5 | 54.1 | 48.5 | | 56.5 | 53.6 | 47.9 | | | | | | | | | | | 90 |
| 95 | 59.7 | 52.8 | 49 | | 60.3 | 55.4 | 50.6 | | 59.8 | 52.8 | 47.7 | | 55 | 52.3 | 47.1 | | | | | | | | | | | 95 |
| 100 | 55.9 | 51.5 | | | 55.8 | 54 | 49.8 | | 56.2 | 51.5 | 47 | | 53.5 | 51 | 46.3 | | | | | | | | | | | 100 |
| 105 | 51.8 | 50.3 | | | 51.6 | 52.6 | 49.1 | | 52.2 | 50.3 | 46.4 | | 51.6 | 49.9 | 45.6 | | | | | | | | | | | 105 |
| 110 | 48.1 | 48.6 | | | 48 | 49.2 | 48.3 | | 48.6 | 48.5 | 45.8 | | 48.7 | 47.7 | 45 | | | | | | | | | | | 110 |
| 115 | 44.7 | 45.8 | | | 44.6 | 45.9 | | | 45.8 | 46 | 45 | | 45.7 | 45.7 | 44.1 | | | | | | | | | | | 115 |
| 120 | 41.5 | 42.5 | | | 41.4 | 42.6 | | | 43.7 | 43.1 | 43 | | 43 | 43.6 | 42.9 | | | | | | | | | | | 120 |
| 125 | 38.4 | 39.4 | | | 38.3 | 39.5 | | | 41.9 | 40.1 | 41 | | 41 | 40.9 | 41.1 | | | | | | | | | | | 125 |
| 130 | 35.5 | 36.4 | | | 35.5 | 36.6 | | | 39.5 | 38.3 | | | 38.6 | 38.1 | 38.6 | | | | | | | | | | | 130 |
| 135 | 32.3 | | | | 32.9 | 33.9 | | | 37 | 36.9 | | | 36.1 | 36.2 | | | | | | | | | | | | 135 |
| 140 | 27.9 | | | | 30.4 | 31.3 | | | 34.6 | 35.2 | | | 33.7 | 34.3 | | | | | | | | | | | | 140 |
| 150 | 12.9 | | | | 25.6 | | | | 30.1 | 30.8 | | | 29.3 | 30.1 | | | | | | | | | | | | 150 |
| 160 | | | | | 16.6 | | | | 26.2 | | | | 25.5 | 26.1 | | | | | | | | | | | | 160 |
| 170 | | | | | | | | | 20.8 | | | | 22.1 | 22.6 | | | | | | | | | | | | 170 |
| 180 | | | | | | | | | | | | | 18.4 | | | | | | | | | | | | | 180 |
| 190 | | | | | | | | | | | | | 12.3 | | | | | | | | | | | | | 190 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |
| 210 | | | | | | | | | | | | | | | | | | | | | | | | | | 210 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | | 220 |

* adapter - pièce d'adaptateur

† 180_18101_00_000 / 18121_00_000 / 18141_00_000 / 18164_00_000



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|-----|----------------|-----|-----|-----|--|-----|
| | F 20 ft | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 28 | 88.3 | | | | 81.4 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 88.4 | | | | 81.4 | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 88.4 | 77.9 | | | 81.3 | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 88.4 | 77.5 | | | 81.2 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 88.3 | 77 | 60.4 | | 81.2 | 77.2 | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 88 | 76.4 | 60 | 53.4 | 81 | 76.8 | | | 69.9 | | | | | | | | | | | | | | | | | 38 |
| 40 | 87.7 | 75.6 | 59.6 | 53.4 | 80.7 | 76.3 | 59.9 | | 70.8 | | | | | | | | | | | | | | | | | 40 |
| 45 | 86.8 | 73.2 | 58.6 | 53.2 | 79.9 | 74.6 | 59.1 | 53.2 | 72.3 | 71.2 | | | | | | | | | | | | | | | | 45 |
| 50 | 85.8 | 70.7 | 57.8 | 53 | 79.1 | 72.5 | 58.2 | 53.1 | 72.5 | 68.9 | 57.2 | 52.1 | 62 | | | | | | | | | | | | | 50 |
| 55 | 84.3 | 68.1 | 57 | 52.8 | 78.4 | 70.4 | 57.5 | 52.9 | 72.2 | 66.5 | 56 | 51.5 | 63.4 | 64.3 | 51.1 | 50.6 | | | | | | | | | | 55 |
| 60 | 82 | 65.6 | 56.3 | | 77.7 | 68.3 | 56.8 | | 71.6 | 64.3 | 54.7 | 50.7 | 64.4 | 63.6 | 54.1 | 50.1 | 50.7 | 52.7 | 52.7 | | | | | | | 60 |
| 65 | 78 | 63.3 | 55.2 | | 76.9 | 66.1 | 56.2 | | 70.3 | 62.3 | 53.5 | 50 | 63.5 | 61.6 | 52.9 | 49.3 | | | | | | | | | | 65 |
| 70 | 74.5 | 61.2 | 54 | | 74.8 | 63.9 | 55.4 | | 69 | 60.4 | 52.3 | | 62.4 | 59.7 | 51.8 | 48.6 | | | | | | | | | | 70 |
| 75 | 71 | 59.2 | 52.8 | | 70.9 | 62 | 54.5 | | 67.1 | 58.7 | 51.3 | | 61 | 58.1 | 50.7 | | | | | | | | | | | 75 |
| 80 | 66.9 | 57.4 | 51.7 | | 65.7 | 60.1 | 53.4 | | 64.1 | 57 | 50.3 | | 59.1 | 56.4 | 49.7 | | | | | | | | | | | 80 |
| 85 | 61.2 | 55.7 | 50.7 | | 60.1 | 58.4 | 52.4 | | 59.2 | 55.5 | 49.4 | | 56.8 | 54.9 | 48.8 | | | | | | | | | | | 85 |
| 90 | 55.9 | 54.2 | 49.8 | | 55.2 | 56.2 | 51.5 | | 54.5 | 53.6 | 48.5 | | 53.5 | 52.5 | 47.9 | | | | | | | | | | | 90 |
| 95 | 51.1 | 51.7 | 49 | | 50.7 | 52.6 | 50.5 | | 51.5 | 51 | 47.6 | | 50.2 | 50 | 47.1 | | | | | | | | | | | 95 |
| 100 | 46.6 | 48.2 | | | 46.4 | 48.2 | 48.7 | | 49.1 | 47.7 | 46.4 | | 47 | 47.1 | 46 | | | | | | | | | | | 100 |
| 105 | 42.5 | 44 | | | 42.4 | 44 | 44.9 | | 46 | 43.9 | 44.8 | | 44 | 43.7 | 44.4 | | | | | | | | | | | 105 |
| 110 | 38.9 | 40.2 | | | 38.8 | 40.3 | | | 42.6 | 41.7 | 41.4 | | 40.8 | 40.7 | 41.3 | | | | | | | | | | | 110 |
| 115 | 35.5 | 36.8 | | | 35.4 | 36.8 | | | 39.4 | 39.7 | 39.2 | | 37.8 | 38.4 | 38.3 | | | | | | | | | | | 115 |
| 120 | 32.4 | 33.6 | | | 32.4 | 33.7 | | | 36.4 | 37.4 | | | 35 | 36.1 | 35.9 | | | | | | | | | | | 120 |
| 125 | 29.6 | 30.6 | | | 29.5 | 30.7 | | | 33.5 | 34.5 | | | 32.5 | 33.5 | 34.3 | | | | | | | | | | | 125 |
| 130 | 27 | 27.9 | | | 27 | 28.1 | | | 31 | 31.9 | | | 30.1 | 31.1 | 31.7 | | | | | | | | | | | 130 |
| 135 | 24.6 | | | | 24.6 | 25.6 | | | 28.6 | 29.4 | | | 27.8 | 28.7 | | | | | | | | | | | | 135 |
| 140 | 22.3 | | | | 22.4 | 23.3 | | | 26.4 | 27.1 | | | 25.6 | 26.4 | | | | | | | | | | | | 140 |
| 150 | 12.6 | | | | 18.4 | | | | 22.4 | 23 | | | 21.6 | 22.4 | | | | | | | | | | | | 150 |
| 160 | | | | | 14.3 | | | | 19 | | | | 18.2 | 18.8 | | | | | | | | | | | | 160 |
| 170 | | | | | | | | | 15.9 | | | | 15.2 | 15.7 | | | | | | | | | | | | 170 |
| 180 | | | | | | | | | | | | | 12.5 | | | | | | | | | | | | | 180 |
| 190 | | | | | | | | | | | | | 10 | | | | | | | | | | | | | 190 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |
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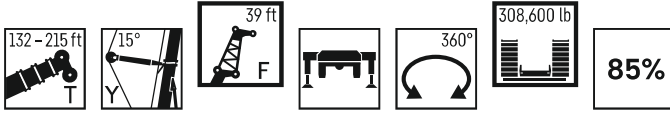
* adapter - pièce d'adaptateur

† 180_18105_00_000 / 18125_00_000 / 18145_00_000 / 18165_00_000

Lifting capacities

Forces de levage

TYF 39 ft



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 36 | 70.7 | | | | 67.3 | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 69.6 | | | | 67 | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 68.4 | | | | 66.7 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 65.1 | 42.6 | | | 65 | 43.1 | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 61.6 | 41.4 | | | 62.6 | 41.9 | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 58.4 | 40 | | | 60.1 | 40.7 | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 55.5 | 38.7 | 30.8 | 23.7 | 57.6 | 39.4 | 30.9 | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 52.6 | 37.5 | 30.3 | 23.5 | 55 | 38.3 | 30.4 | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 50.3 | 36.4 | 29.8 | 23.3 | 52.6 | 37.2 | 30 | 23.3 | | | | | | | | | | | | | | | | | | 70 |
| 75 | 48.1 | 35.4 | 29.3 | 23.1 | 50.3 | 36.3 | 29.5 | 23.2 | | | | | | | | | | | | | | | | | | 75 |
| 80 | 45.9 | 34.5 | 28.9 | | 48.3 | 35.3 | 29.2 | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 44 | 33.6 | 28.5 | | 46.3 | 34.4 | 28.8 | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 42 | 32.8 | 28.2 | | 44.6 | 33.7 | 28.5 | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 40.3 | 32.1 | 28 | | 43 | 32.9 | 28.2 | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 38.8 | 31.4 | 27.7 | | 41.4 | 32.2 | 27.9 | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 37.3 | 30.8 | 27.6 | | 40 | 31.6 | 27.7 | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 35.9 | 30.1 | 27.3 | | 38.7 | 31 | 27.5 | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 34.7 | 29.5 | 27.1 | | 37.4 | 30.5 | 27.3 | | | | | | | | | | | | | | | | | | | 115 |
| 120 | 33.5 | 28.8 | | | 36.3 | 29.9 | 27.2 | | | | | | | | | | | | | | | | | | | 120 |
| 125 | 32.4 | 28.2 | | | 35.2 | 29.5 | 27 | | | | | | | | | | | | | | | | | | | 125 |
| 130 | 31.4 | 27.7 | | | 34.2 | 29 | 26.9 | | | | | | | | | | | | | | | | | | | 130 |
| 135 | 30.5 | 27.2 | | | 33.2 | 28.6 | | | | | | | | | | | | | | | | | | | | 135 |
| 140 | 29.6 | 26.8 | | | 32 | 28.2 | | | | | | | | | | | | | | | | | | | | 140 |
| 150 | 28.2 | 26.1 | | | 28.3 | 27.4 | | | | | | | | | | | | | | | | | | | | 150 |
| 160 | 21.3 | | | | 24.5 | 25.6 | | | | | | | | | | | | | | | | | | | | 160 |
| 170 | | | | | 20 | | | | | | | | | | | | | | | | | | | | | 170 |
| 180 | | | | | 11.9 | | | | | | | | | | | | | | | | | | | | | 180 |
| 190 | | | | | | | | | | | | | | | | | | | | | | | | | | 190 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |
| 210 | | | | | | | | | | | | | | | | | | | | | | | | | | 210 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | | 220 |
| 230 | | | | | | | | | | | | | | | | | | | | | | | | | | 230 |

* adapter - pièce d'adaptateur

† 180_18201_00_000 / 18221_00_000 / 18241_00_000 / 18264_00_000



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | |
|-----|----------------|------|------|------|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|--|-----|
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | | |
| 28 | 72.5 | | | | | | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 72.4 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 72.2 | | | | | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 71.6 | | | | | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 70.7 | | | | | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 69.6 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 68.4 | 44 | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 65.1 | 42.9 | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 61.6 | 41.4 | 31.8 | | | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 58.4 | 40 | 31.4 | | | | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 55.5 | 38.7 | 30.8 | 23.7 | | | | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 52.6 | 37.5 | 30.3 | 23.5 | | | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 50.3 | 36.4 | 29.8 | 23.3 | | | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | 48.1 | 35.4 | 29.3 | 23.1 | | | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 45.9 | 34.5 | 28.9 | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 44 | 33.6 | 28.5 | | | | | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 42 | 32.8 | 28.2 | | | | | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 40.3 | 32.1 | 28 | | | | | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 38.8 | 31.4 | 27.7 | | | | | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 37.3 | 30.8 | 27.6 | | | | | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 35.9 | 30.1 | 27.3 | | | | | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 34.7 | 29.5 | 27.1 | | | | | | | | | | | | | | | | | | | | | | | 115 |
| 120 | 33.4 | 28.8 | | | | | | | | | | | | | | | | | | | | | | | | 120 |
| 125 | 32 | 28.2 | | | | | | | | | | | | | | | | | | | | | | | | 125 |
| 130 | 29.6 | 27.7 | | | | | | | | | | | | | | | | | | | | | | | | 130 |
| 135 | 27.3 | 27.2 | | | | | | | | | | | | | | | | | | | | | | | | 135 |
| 140 | 25.1 | 26.1 | | | | | | | | | | | | | | | | | | | | | | | | 140 |
| 150 | 21.1 | 22.2 | | | | | | | | | | | | | | | | | | | | | | | | 150 |
| 160 | 17.5 | | | | | | | | | | | | | | | | | | | | | | | | | 160 |
| 170 | | | | | | | | | | | | | | | | | | | | | | | | | | 170 |
| 180 | | | | | | | | | | | | | | | | | | | | | | | | | | 180 |
| 190 | | | | | | | | | | | | | | | | | | | | | | | | | | 190 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |
| 210 | | | | | | | | | | | | | | | | | | | | | | | | | | 210 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | | 220 |

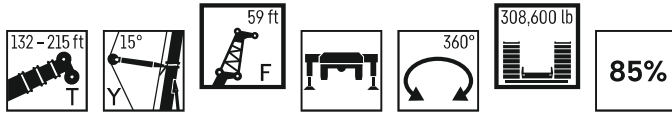
* adapter - pièce d'adaptateur

† 180_18205_00_000 / 18225_00_000 / 18245_00_000 / 18265_00_000

Lifting capacities

Forces de levage

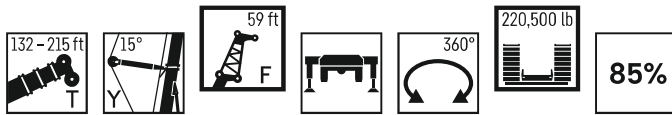
TYF 59 ft



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|------|------|------|------|-----|
| | F 59 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 38 | 50.5 | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 49.6 | | | | 49.4 | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 47.2 | | | | 47.5 | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| 50 | 45 | | | | 45.6 | | | | | | | | | | | | 41.4 | | | | | | | | | | | 50 | |
| 55 | 42.7 | 28.8 | | | 43.7 | 28.5 | | | | | | | | | | | 41.8 | | | | | | | | | | | 55 | |
| 60 | 40.6 | 27.7 | | | 41.8 | 28 | | | | | | | | | | | 41.3 | | | | | | | | | | | 60 | |
| 65 | 38.7 | 26.7 | | | 40 | 27.1 | | | | | | | | | | | 40.1 | 27.4 | | | | | | | | | | 65 | |
| 70 | 36.8 | 25.8 | 20.2 | | 38.3 | 26.3 | 20 | | | | | | | | | | 38.8 | 26.6 | | | | | | | | | | 70 | |
| 75 | 35.1 | 25 | 19.8 | 13.5 | 36.6 | 25.5 | 19.8 | | | | | | | | | | 37.4 | 25.9 | 19.8 | | | | | | | | | 75 | |
| 80 | 33.5 | 24.2 | 19.4 | 13.4 | 35 | 24.8 | 19.4 | | | | | | | | | | 36 | 25.1 | 19.5 | | | | | | | | | 80 | |
| 85 | 32 | 23.5 | 18.9 | 13.3 | 33.6 | 24.1 | 19 | 13.3 | 34.6 | 24.5 | 19.1 | 13.3 | 35.1 | 24.8 | 19.2 | | 35.1 | 24.8 | 19.2 | | | | | | | | | 85 | |
| 90 | 30.7 | 22.9 | 18.5 | 13.2 | 32.3 | 23.4 | 18.6 | 13.2 | 33.3 | 23.8 | 18.8 | 13.2 | 33.9 | 24.2 | 18.9 | 13.1 | 32.1 | 23.6 | 19 | 13.6 | 25.6 | 21.1 | 17.4 | | | | | 90 | |
| 95 | 29.5 | 22.3 | 18.2 | 13.1 | 31 | 22.8 | 18.3 | 13.1 | 32.1 | 23.2 | 18.5 | 13.1 | 32.8 | 23.6 | 18.6 | 13 | 31.3 | 23.1 | 18.6 | 13.5 | 25.4 | 20.5 | 17.1 | 13.4 | | | | 95 | |
| 100 | 28.3 | 21.7 | 17.8 | | 29.9 | 22.3 | 18 | | | | | | | | | | 31.7 | 23.1 | 18.3 | 12.9 | 30.4 | 22.6 | 18.2 | 13.4 | 24.9 | 20 | 16.7 | 13.3 | 100 |
| 105 | 27.2 | 21.1 | 17.6 | | 28.8 | 21.7 | 17.7 | | | | | | | | | | 30.7 | 22.6 | 18 | 12.8 | 29.6 | 22.1 | 17.8 | 13.3 | 24.2 | 19.4 | 16.4 | 13.3 | 105 |
| 110 | 26.3 | 20.6 | 17.3 | | 27.7 | 21.2 | 17.5 | | | | | | | | | | 29.7 | 22.2 | 17.8 | 12.8 | 28.7 | 21.6 | 17.5 | 13.3 | 23.5 | 18.9 | 16.1 | 13.2 | 110 |
| 115 | 25.3 | 20.1 | 17 | | 26.8 | 20.7 | 17.2 | | | | | | | | | | 28.7 | 21.6 | 17.5 | | 27.9 | 21.2 | 17.3 | 13.3 | 22.8 | 18.4 | 15.8 | 13.2 | 115 |
| 120 | 24.4 | 19.6 | 16.8 | | 25.9 | 20.2 | 17 | | | | | | | | | | 27 | 20.7 | 17.1 | | 27 | 20.7 | 17.1 | | 22.1 | 17.9 | 15.5 | | 120 |
| 125 | 23.6 | 19.1 | 16.6 | | 25 | 19.8 | 16.8 | | | | | | | | | | 27 | 20.7 | 17.1 | | 26.2 | 20.3 | 16.9 | | 21.5 | 17.5 | 15.2 | | 125 |
| 130 | 22.9 | 18.7 | 16.5 | | 24.2 | 19.3 | 16.6 | | | | | | | | | | 26.2 | 20.2 | 16.9 | | 25.4 | 19.9 | 16.7 | | 20.9 | 17 | 14.9 | | 130 |
| 135 | 22.2 | 18.3 | 16.3 | | 23.5 | 18.9 | 16.5 | | | | | | | | | | 25.5 | 19.8 | 16.7 | | 24.7 | 19.5 | 16.5 | | 20.2 | 16.6 | 14.6 | | 135 |
| 140 | 21.5 | 18 | | | 22.8 | 18.5 | 16.3 | | | | | | | | | | 24.8 | 19.4 | 16.6 | | 24 | 19.2 | 16.4 | | 19.7 | 16.2 | 14.4 | | 140 |
| 150 | 20.2 | 17.3 | | | 21.5 | 17.8 | 16.1 | | | | | | | | | | 23.5 | 18.7 | 16.3 | | 22.6 | 18.4 | 16.1 | | 18.5 | 15.5 | 13.9 | | 150 |
| 160 | 19 | 16.9 | | | 20.3 | 17.3 | | | | | | | | | | | 22.3 | 18.1 | 16.1 | | 21.4 | 17.8 | 15.9 | | 17.5 | 14.9 | 13.5 | | 160 |
| 170 | 17.9 | 16.5 | | | 19.2 | 16.8 | | | | | | | | | | | 21.1 | 17.5 | 15.9 | | 20.3 | 17.2 | 15.7 | | 16.6 | 14.3 | 13.2 | | 170 |
| 180 | 15.5 | | | | 18.2 | 16.5 | | | | | | | | | | | 19.7 | 17.1 | | | 18.8 | 16.6 | | | 15.7 | 13.7 | 12.8 | | 180 |
| 190 | | | | | 15.5 | | | | | | | | | | | | 17.6 | 16.7 | | | 16.3 | 16.2 | | | 15 | 13.2 | 12.5 | | 190 |
| 200 | | | | | 8.5 | | | | | | | | | | | | 16.4 | 16.1 | | | 15.3 | 15.2 | | | 14.2 | 12.8 | | | 200 |
| 210 | | | | | | | | | | | | | | | | | 14.4 | | | | 13.6 | 13.8 | | | 12.6 | 12.4 | | | 210 |
| 220 | | | | | | | | | | | | | | | | | 10.7 | | | | 11.6 | 12.8 | | | 10.6 | 11.7 | | | 220 |
| 230 | | | | | | | | | | | | | | | | | | | | | 9 | | | | 8.7 | 9.9 | | | 230 |
| 240 | | | | | | | | | | | | | | | | | | | | | 5.3 | | | | 6.6 | 8 | | | 240 |

* adapter - pièce d'adaptateur

t_180_18301_00_000 / 18321_00_000 / 18341_00_000 / 18363_00_000

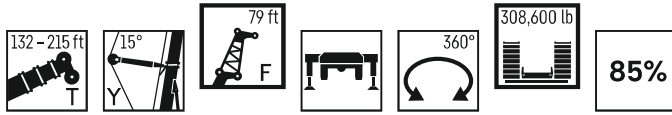


| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|------|------|------|------|-----|
| | F 59 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 36 | 51.4 | | | | 50 | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 50.5 | | | | 49.4 | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 49.6 | | | | 47.5 | | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 47.2 | | | | 45.6 | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| 50 | 45 | 29.4 | | | 44.9 | | | | | | | | | | | | 41.4 | | | | | | | | | | | 50 | |
| 55 | 42.7 | 28.8 | | | 43.4 | 28.5 | | | | | | | | | | | 41.8 | | | | | | | | | | | 55 | |
| 60 | 40.6 | 27.7 | | | 41.9 | 28 | | | | | | | | | | | 41.3 | | | | | | | | | | | 60 | |
| 65 | 38.7 | 26.7 | | | 40 | 27.1 | | | | | | | | | | | 40.1 | 27.4 | | | | | | | | | | 65 | |
| 70 | 36.8 | 25.8 | 20.2 | | 38.3 | 26.3 | 20 | | | | | | | | | | 38.8 | 26.6 | | | | | | | | | | 70 | |
| 75 | 35.1 | 25 | 19.8 | 13.5 | 36.6 | 25.5 | 19.8 | | | | | | | | | | 37.5 | 26.1 | 19.7 | | | | | | | | | 75 | |
| 80 | 33.5 | 24.2 | 19.4 | 13.4 | 35 | 24.8 | 19.4 | | | | | | | | | | 36 | 25.1 | 19.5 | | | | | | | | | 80 | |
| 85 | 32 | 23.5 | 18.9 | 13.3 | 33.6 | 24.1 | 19 | 13.3 | 34.6 | 24.5 | 19.1 | 13.3 | 35.1 | 24.8 | 19.2 | | 35.1 | 24.8 | 19.2 | | | | | | | | | 85 | |
| 90 | 30.7 | 22.9 | 18.5 | 13.2 | 32.3 | 23.4 | 18.6 | 13.2 | 33.3 | 23.8 | 18.8 | 13.2 | 33.9 | 24.2 | 18.9 | 13.1 | 32.1 | 23.6 | 19 | 13.6 | 25.6 | 21.1 | 17.4 | | | | | 90 | |
| 95 | 29.5 | 22.3 | 18.2 | 13.1 | 31 | 22.8 | 18.3 | 13.1 | 32.1 | 23.2 | 18.5 | 13.1 | 32.8 | 23.6 | 18.6 | 13 | 31.3 | 23.1 | 18.6 | 13.5 | 25.4 | 20.5 | 17.1 | 13.4 | | | | 95 | |
| 100 | 28.3 | 21.7 | 17.8 | | 29.9 | 22.3 | 18 | | | | | | | | | | 31.7 | 23.1 | 18.3 | 12.9 | 30.4 | 22.6 | 18.2 | 13.4 | 24.9 | 20 | 16.7 | 13.3 | 100 |
| 105 | 27.2 | 21.1 | 17.6 | | 28.8 | 21.7 | 17.7 | | | | | | | | | | 30.7 | 22.6 | 18 | 12.8 | 29.6 | 22.1 | 17.8 | 13.3 | 24.2 | 19.4 | 16.4 | 13.3 | 105 |
| 110 | 26.3 | 20.6 | 17.3 | | 27.7 | 21.2 | 17.5 | | | | | | | | | | 29.7 | 22 | 17.8 | 12.8 | 28.7 | 21.6 | 17.5 | 13.3 | 23.5 | 18.9 | 16.1 | 13.2 | 110 |
| 115 | 25.3 | 20.1 | 17 | | 26.8 | 20.7 | 17.2 | | | | | | | | | | 28.7 | 21.6 | 17.5 | | 27.9 | 21.2 | 17.3 | 13.3 | 22.8 | 18.4 | 15.8 | 13.2 | 115 |
| 120 | 24.4 | 19.6 | 16.8 | | 25.9 | 20.2 | 17 | | | | | | | | | | 27 | 20.7 | 17.1 | | 27 | 20.7 | 17.1 | | 22.1 | 17.9 | 15.5 | | 120 |
| 125 | 23.6 | 19.1 | 16.6 | | 25 | 19.8 | 16.8 | | | | | | | | | | 27 | 20.7 | 17.1 | | 26.2 | 20.3 | 16.9 | | 21.5 | 17.5 | 15.2 | | 125 |
| 130 | 22.9 | 18.7 | 16.5 | | 24.2 | 19.3 | 16.6 | | | | | | | | | | 26.2 | 20.2 | 16.9 | | 25.4 | 19.9 | 16.7 | | 20.9 | 17 | 14.9 | | 130 |
| 135 | 22.2 | 18.3 | 16.3 | | 23.5 | 18.9 | 16.5 | | | | | | | | | | 25.3 | 19.8 | 16.7 | | 24.7 | 19.5 | 16.5 | | 20.2 | 16.6 | 14.6 | | 135 |
| 140 | 21.5 | 18 | | | 22.8 | 18.5 | 16.3 | | | | | | | | | | 24.4 | 19.4 | 16.6 | | 23.5 | 19.2 | 16.4 | | 19.7 | 16.2 | 14.4 | | 140 |
| 150 | 20.2 | 17.3 | | | 21.5 | 17.8 | 16.1 | | | | | | | | | | 22.1 | 18.7 | 16.3 | | 20.2 | 18.4 | 16.1 | | 18.5 | 15.5 | 13.9 | | 150 |
| 160 | 18.9 | 16.9 | | | 19.3 | 17.3 | | | | | | | | | | | 20.1 | 18.1 | 16.1 | | 18.6 | 17.8 | 15.9 | | 17.2 | 14.9 | 13.5 | | 160 |
| 170 | 16.7 | 16.5 | | | 16.2 | 16.8 | | | | | | | | | | | 17.8 | 17.4 | 15.9 | | 16.5 | 16.6 | 15.7 | | 15 | 14.3 | 13.2 | | 170 |
| 180 | 13.8 | | | | 13.5 | 14.9 | | | | | | | | | | | 15.2 | 16.1 | | | 14.1 | 15 | | | 12.7 | 13.7 | 12.8 | | 180 |
| 190 | | | | | 11.1 | | | | | | | | | | | | 12.8 | 14.3 | | | 11.9 | 13.8 | | | 10.5 | 12.3 | 12.5 | | 190 |
| 200 | | | | | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | |

Lifting capacities

Forces de levage

TYF 79 ft



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|-----|-----|-----|----------------|------|------|-----|----------------|-----|-----|-----|----------------|------|------|-----|----|-----|------|------|-----|
| | F 79 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 40 | 37.9 | | | | 37.8 | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 36.3 | | | | 36.6 | | | | | | | | 35.9 | | | | | | | | | | | | | | | | 45 |
| 50 | 34.7 | | | | 35.1 | | | | | | | | 34.9 | | | | | | | | 33.2 | | | | | | | | 50 |
| 55 | 33.1 | | | | 33.7 | | | | | | | | 33.7 | | | | | | | | 33.2 | | | | | | | | 55 |
| 60 | 31.6 | | | | 32.3 | | | | | | | | 32.4 | | | | | | | | 32.4 | | | | | | | | 60 |
| 65 | 30.1 | 21 | | | 31.1 | | | | | | | | 31.2 | | | | | | | | 31.3 | | | | | | 17.7 | | 65 |
| 70 | 28.9 | 20.3 | | | 29.9 | 20.3 | | | | | | | 30.1 | 20.3 | | | | | | | 30.3 | | | | | | 18.4 | | 70 |
| 75 | 27.6 | 19.5 | | | 28.7 | 19.7 | | | | | | | 29.1 | 19.9 | | | | | | | 29.3 | 20.2 | | | | | 19.2 | | 75 |
| 80 | 26.4 | 18.8 | | | 27.6 | 19 | | | | | | | 28 | 19.2 | | | | | | | 28.4 | 19.7 | | | | | 20 | | 80 |
| 85 | 25.2 | 18.1 | 13.6 | | 26.5 | 18.3 | | | | | | | 27 | 18.6 | | | | | | | 27.4 | 19.1 | | | | | 20.7 | | 85 |
| 90 | 24.2 | 17.5 | 13.3 | | 25.4 | 17.8 | 13.3 | | | | | | 26.1 | 18 | 13.3 | | | | | | 26.6 | 18.5 | | | | | 20.7 | 16.8 | 90 |
| 95 | 23.1 | 16.9 | 13 | 8.4 | 24.4 | 17.2 | 13.1 | | | | | | 25.1 | 17.5 | 13.1 | | | | | | 25.7 | 17.9 | 13.3 | | | | 20.5 | 16.3 | 95 |
| 100 | 22.2 | 16.3 | 12.7 | 8.4 | 23.5 | 16.7 | 12.8 | | | | | | 24.2 | 17 | 12.9 | 8.3 | | | | | 24.9 | 17.4 | 13 | 8.3 | | | 23.9 | 17 | 100 |
| 105 | 21.3 | 15.7 | 12.4 | 8.3 | 22.6 | 16.2 | 12.5 | 8.3 | | | | | 23.3 | 16.5 | 12.6 | 8.3 | | | | | 24.1 | 16.9 | 12.8 | 8.3 | | | 23.2 | 16.6 | 105 |
| 110 | 20.4 | 15.3 | 12.1 | 8.2 | 21.7 | 15.7 | 12.3 | 8.2 | | | | | 22.5 | 16 | 12.4 | 8.2 | | | | | 23.3 | 16.5 | 12.6 | 8.2 | | | 22.5 | 16.2 | 110 |
| 115 | 19.6 | 14.8 | 11.9 | 8.1 | 20.9 | 15.2 | 12 | 8.1 | | | | | 21.7 | 15.6 | 12.1 | 8.1 | | | | | 22.5 | 16 | 12.3 | 8.1 | | | 21.9 | 15.8 | 115 |
| 120 | 18.8 | 14.4 | 11.6 | | 20.1 | 14.8 | 11.8 | | | | | | 20.9 | 15.2 | 11.9 | 8.1 | | | | | 21.8 | 15.6 | 12.1 | 8.1 | | | 21.2 | 15.4 | 120 |
| 125 | 18.1 | 13.9 | 11.4 | | 19.3 | 14.4 | 11.6 | | | | | | 20.2 | 14.8 | 11.7 | | | | | | 21.1 | 15.2 | 11.9 | 8 | | | 20.6 | 15 | 125 |
| 130 | 17.4 | 13.6 | 11.2 | | 18.6 | 14 | 11.4 | | | | | | 19.5 | 14.4 | 11.6 | | | | | | 20.4 | 14.9 | 11.8 | 8 | | | 19.9 | 14.7 | 130 |
| 135 | 16.7 | 13.2 | 11.1 | | 17.9 | 13.7 | 11.3 | | | | | | 18.8 | 14.1 | 11.4 | | | | | | 19.7 | 14.5 | 11.6 | | | | 19.3 | 14.3 | 135 |
| 140 | 16.1 | 12.9 | 10.9 | | 17.3 | 13.3 | 11.1 | | | | | | 18.1 | 13.7 | 11.2 | | | | | | 19 | 14.2 | 11.4 | | | | 18.8 | 14 | 140 |
| 150 | 15 | 12.3 | 10.7 | | 16.2 | 12.7 | 10.8 | | | | | | 17 | 13.1 | 10.9 | | | | | | 17.9 | 13.5 | 11.1 | | | | 17.7 | 13.4 | 150 |
| 160 | 14 | 11.8 | | | 15.1 | 12.2 | 10.6 | | | | | | 15.9 | 12.5 | 10.7 | | | | | | 16.8 | 12.9 | 10.8 | | | | 16.6 | 12.9 | 160 |
| 170 | 13.1 | 11.3 | | | 14.2 | 11.7 | 10.5 | | | | | | 15 | 12.1 | 10.5 | | | | | | 15.8 | 12.4 | 10.6 | | | | 15.8 | 12.4 | 170 |
| 180 | 12.3 | 11 | | | 13.3 | 11.3 | | | | | | | 14.1 | 11.6 | | | | | | | 14.9 | 12 | 10.5 | | | | 15 | 12 | 180 |
| 190 | 11.6 | 10.8 | | | 12.5 | 11 | | | | | | | 13.3 | 11.3 | | | | | | | 14.1 | 11.6 | 10.4 | | | | 14.2 | 11.6 | 190 |
| 200 | 10.4 | | | | 11.8 | 10.8 | | | | | | | 12.6 | 11 | | | | | | | 13.4 | 11.3 | | | | | 13.6 | 11.3 | 200 |
| 210 | | | | | 11.2 | | | | | | | | 12 | 10.8 | | | | | | | 12.6 | 11 | | | | | 12.7 | 11 | 210 |
| 220 | | | | | 5.5 | | | | | | | | 11.3 | | | | | | | | 12 | 10.8 | | | | | 11.3 | 10.7 | 220 |
| 230 | | | | | | | | | | | | | 8.9 | | | | | | | | 11.1 | | | | | | 10.6 | 10.4 | 230 |
| 240 | | | | | | | | | | | | | | | | | | | | | 7.7 | | | | | | 8.9 | 9.6 | 240 |
| 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.3 | 9.6 | 250 |
| 260 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.3 | 9.6 | 260 |

* adapter - pièce d'adaptateur

† 180_18401_00_000 / 18421_00_000 / 18441_00_000 / 18462_00_000

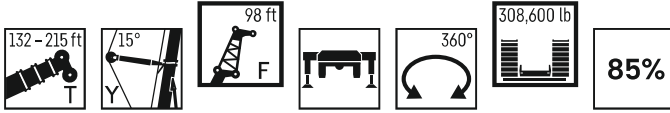


| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|-----|-----|-----|----------------|------|------|-----|----------------|-----|-----|-----|----------------|------|------|-----|----|-----|------|------|-----|
| | F 79 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 38 | 38.6 | | | | 37.8 | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 38.1 | | | | 37.8 | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 36.3 | | | | 36.6 | | | | | | | | 35.9 | | | | | | | | 33.2 | | | | | | | | 45 |
| 50 | 34.7 | | | | 35.1 | | | | | | | | 34.9 | | | | | | | | 33.2 | | | | | | | | 50 |
| 55 | 33.1 | | | | 33.7 | | | | | | | | 33.7 | | | | | | | | 33.2 | | | | | | | | 55 |
| 60 | 31.6 | | | | 32.3 | | | | | | | | 32.4 | | | | | | | | 32.4 | | | | | | | | 60 |
| 65 | 30.1 | 21 | | | 31.1 | | | | | | | | 31.2 | | | | | | | | 31.3 | | | | | | | 18 | 65 |
| 70 | 28.9 | 20.3 | | | 29.9 | 20.3 | | | | | | | 30.1 | 20.3 | | | | | | | 30.3 | | | | | | | 18.4 | 70 |
| 75 | 27.6 | 19.5 | | | 28.7 | 19.7 | | | | | | | 29.1 | 19.9 | | | | | | | 29.3 | 20.2 | | | | | | 19.2 | 75 |
| 80 | 26.4 | 18.8 | | | 27.6 | 19 | | | | | | | 28 | 19.2 | | | | | | | 28.4 | 19.7 | | | | | | 20 | 80 |
| 85 | 25.2 | 18.1 | 13.6 | | 26.5 | 18.3 | | | | | | | 27 | 18.6 | | | | | | | 27.4 | 19.1 | | | | | | 20.7 | 85 |
| 90 | 24.2 | 17.5 | 13.3 | | 25.4 | 17.8 | 13.3 | | | | | | 26.1 | 18 | 13.3 | | | | | | 26.6 | 18.5 | | | | | | 20.7 | 90 |
| 95 | 23.1 | 16.9 | 13 | 8.4 | 24.4 | 17.2 | 13.1 | | | | | | 25.1 | 17.5 | 13.1 | | | | | | 25.7 | 17.9 | 13.3 | | | | 24.7 | 17.5 | 95 |
| 100 | 22.2 | 16.3 | 12.7 | 8.4 | 23.5 | 16.7 | 12.8 | | | | | | 24.2 | 17 | 12.9 | 8.3 | | | | | 24.9 | 17.4 | 13 | 8.3 | | | 23.9 | 17 | 100 |
| 105 | 21.3 | 15.7 | 12.4 | 8.3 | 22.6 | 16.2 | 12.5 | 8.3 | | | | | 23.3 | 16.5 | 12.6 | 8.3 | | | | | 24.1 | 16.9 | 12.8 | 8.3 | | | 23.2 | 16.6 | 105 |
| 110 | 20.4 | 15.3 | 12.1 | 8.2 | 21.7 | 15.7 | 12.3 | 8.2 | | | | | 22.5 | 16 | 12.4 | 8.2 | | | | | 23.3 | 16.5 | 12.6 | 8.2 | | | 22.5 | 16.2 | 110 |
| 115 | 19.6 | 14.8 | 11.9 | 8.1 | 20.9 | 15.2 | 12 | 8.1 | | | | | 21.7 | 15.6 | 12.1 | 8.1 | | | | | 22.5 | 16 | 12.3 | 8.1 | | | 21.9 | 15.8 | 115 |
| 120 | 18.8 | 14.4 | 11.6 | | 20.1 | 14.8 | 11.8 | | | | | | 20.9 | 15.2 | 11.9 | 8.1 | | | | | 21.8 | 15.6 | 12.1 | 8.1 | | | 21.2 | 15.4 | 120 |
| 125 | 18.1 | 13.9 | 11.4 | | 19.3 | 14.4 | 11.6 | | | | | | 20.2 | 14.8 | 11.7 | | | | | | 21.1 | 15.2 | 11.9 | 8 | | | 20.6 | 15 | 125 |
| 130 | 17.4 | 13.6 | 11.2 | | 18.6 | 14 | 11.4 | | | | | | 19.5 | 14.4 | 11.6 | | | | | | 20.4 | 14.9 | 11.8 | 8 | | | 19.9 | 14.7 | 130 |
| 135 | 16.7 | 13.2 | 11.1 | | 17.9 | 13.7 | 11.3 | | | | | | 18.8 | 14.1 | 11.4 | | | | | | 19.7 | 14.5 | 11.6 | | | | 19.3 | 14.3 | 135 |
| 140 | 16.1 | 12.9 | 10.9 | | 17.3 | 13.3 | 11.1 | | | | | | 18.1 | 13.7 | 11.2 | | | | | | 19 | 14.2 | 11.4 | | | | 18.8 | 14 | 140 |
| 150 | 15 | 12.3 | 10.7 | | 16.2 | 12.7 | 10.8 | | | | | | 17 | 13.1 | 10.9 | | | | | | 17.9 | 13.5 | 11.1 | | | | 17.7 | 13.4 | 150 |
| 160 | 14 | 11.8 | | | 15.1 | 12.2 | 10.6 | | | | | | 15.9 | 12.5 | 10.7 | | | | | | 16.7 | 12.9 | 10.8 | | | | 16.6 | 12.9 | 160 |
| 170 | 13.1 | 11.3 | | | 14.2 | 11.7 | 10.5 | | | | | | 15 | 12.1 | 10.5 | | | | | | 15.5 | 12.4 | 10.6 | | | | 15.1 | 12.4 | 170 |
| 180 | 12.3 | 11 | | | 13.3 | 11.3 | | | | | | | 14.1 | 11.6 | | | | | | | 14.6 | 12 | 10.5 | | | | 13.8 | 12 | 180 |
| 190 | 11.6 | 10.8 | | | 12.4 | 11 | | | | | | | 13 | 11.3 | | | | | | | 13.6 | 11.6 | 10.4 | | | | 12.5 | 11.6 | 190 |
| 200 | 10.4 | | | | 11.8 | 10.8 | | | | | | | 12.3 | 11 | | | | | | | 11.7 | 11.2 | | | | | 10.6 | 11 | 200 |
| 210 | | | | | 8.3 | | | | | | | | | | | | | | | | | | | | | | | | |

Lifting capacities

Forces de levage

TYF 98 ft



| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|------|------|------|-----|-----|-----|
| | F 98 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 45 | 28.1 | | | | 27.8 | | | | | | | | 26.4 | | | | | | | | | | | | | | | | 45 |
| 50 | 26.9 | | | | 26.9 | | | | | | | | 25.9 | | | | | | | | 19.1 | | | | | | | | 50 |
| 55 | 25.7 | | | | 25.8 | | | | | | | | 24.9 | | | | | | | | 20.4 | | | | | | | | 55 |
| 60 | 24.5 | | | | 24.8 | | | | | | | | 24.1 | | | | | | | | 21.1 | | | | | | | | 60 |
| 65 | 23.5 | | | | 23.8 | | | | | | | | 24.1 | | | | | | | | 21.6 | | | | | | | | 65 |
| 70 | 22.5 | | | | 22.9 | | | | | | | | 23.2 | | | | | | | | 21.6 | | | | 14.9 | | | | 70 |
| 75 | 21.6 | 14.9 | | | 22 | 14.6 | | | | | | | 22.4 | | | | | | | | 21.4 | | | | 15.3 | | | | 75 |
| 80 | 20.6 | 14.5 | | | 21.2 | 14.4 | | | | | | | 21.7 | | | | | | | | 20.8 | | | | 15.8 | | | | 80 |
| 85 | 19.7 | 13.9 | | | 20.4 | 13.9 | | | | | | | 20.9 | 14.4 | | | | | | | 20.1 | | | | 16.5 | | | | 85 |
| 90 | 18.8 | 13.4 | | | 19.6 | 13.4 | | | | | | | 20.2 | 13.9 | | | | | | | 19.5 | 13.5 | | | 16.6 | | | | 90 |
| 95 | 18 | 12.9 | | | 18.8 | 12.9 | | | | | | | 19.6 | 13.5 | | | | | | | 18.9 | 13.2 | | | 16.4 | 12.3 | | | 95 |
| 100 | 17.3 | 12.4 | 9.1 | | 18.1 | 12.5 | 9 | | | | | | 19 | 13 | | | | | | | 18.4 | 12.8 | | | 16.2 | 12.1 | | | 100 |
| 105 | 16.6 | 11.9 | 8.9 | | 17.4 | 12.1 | 8.9 | | | | | | 18.3 | 12.6 | | | | | | | 17.8 | 12.4 | | | 15.9 | 11.8 | | | 105 |
| 110 | 15.9 | 11.5 | 8.6 | | 16.7 | 11.7 | 8.7 | | | | | | 17.8 | 12.3 | 8.8 | | | | | | 17.3 | 12.1 | | | 15.5 | 11.5 | | | 110 |
| 115 | 15.2 | 11.1 | 8.4 | 5.4 | 16.1 | 11.3 | 8.5 | 5.4 | | | | | 17.2 | 11.9 | 8.7 | | | | | | 16.8 | 11.7 | 8.5 | | 15 | 11.2 | | | 115 |
| 120 | 14.6 | 10.7 | 8.2 | 5.4 | 15.5 | 11 | 8.3 | 5.4 | 16.1 | 11.3 | 8.4 | 5.3 | 16.7 | 11.5 | 8.5 | 5.3 | | | | | 16.3 | 11.4 | 8.4 | | 14.6 | 10.9 | 8 | | 120 |
| 125 | 14 | 10.4 | 8 | 5.3 | 14.9 | 10.6 | 8.1 | 5.3 | 15.5 | 10.9 | 8.2 | 5.3 | 16.1 | 11.2 | 8.3 | 5.3 | 15.8 | 11.1 | 8.2 | | | | | 14.1 | 10.6 | 7.9 | | 125 | |
| 130 | 13.4 | 10 | 7.8 | 5.3 | 14.3 | 10.3 | 7.9 | 5.3 | 15 | 10.6 | 8 | 5.3 | 15.6 | 10.9 | 8.1 | 5.3 | 15.3 | 10.8 | 8 | 5.2 | | | | 13.7 | 10.3 | 7.8 | | 130 | |
| 135 | 12.9 | 9.7 | 7.7 | | 13.7 | 10 | 7.8 | 5.2 | 14.5 | 10.3 | 7.9 | 5.2 | 15.1 | 10.6 | 8 | 5.2 | 14.8 | 10.5 | 7.9 | 5.2 | 13.3 | 10 | 7.7 | 5.1 | | | | | 135 |
| 140 | 12.3 | 9.4 | 7.5 | | 13.2 | 9.7 | 7.6 | | 13.9 | 10 | 7.7 | 5.2 | 14.5 | 10.3 | 7.8 | 5.2 | 14.4 | 10.2 | 7.8 | 5.1 | 12.9 | 9.8 | 7.6 | 5.1 | 7.7 | 5.1 | | | 140 |
| 150 | 11.4 | 8.9 | 7.3 | | 12.2 | 9.2 | 7.4 | | 12.9 | 9.5 | 7.5 | | 13.5 | 9.8 | 7.6 | 5.1 | 13.5 | 9.7 | 7.5 | 5.1 | 12.1 | 9.3 | 7.4 | 5 | | | | | 150 |
| 160 | 10.6 | 8.4 | 7.1 | | 11.4 | 8.7 | 7.2 | | 12 | 9 | 7.3 | | 12.6 | 9.3 | 7.4 | | 12.7 | 9.3 | 7.3 | | 11.4 | 8.8 | 7.2 | | | | | | 160 |
| 170 | 9.8 | 8 | 6.9 | | 10.6 | 8.3 | 7 | | 11.2 | 8.6 | 7.1 | | 11.8 | 8.8 | 7.1 | | 11.9 | 8.9 | 7.1 | | 10.7 | 8.4 | 7 | | | | | | 170 |
| 180 | 9.1 | 7.7 | | | 9.9 | 7.9 | 6.9 | | 10.5 | 8.2 | 6.9 | | 11.1 | 8.5 | 7 | | 11.2 | 8.5 | 7 | | 10.1 | 8 | 6.9 | | | | | | 180 |
| 190 | 8.5 | 7.4 | | | 9.2 | 7.6 | | | 9.8 | 7.8 | 6.8 | | 10.4 | 8.1 | 6.9 | | 10.6 | 8.1 | 6.9 | | 9.5 | 7.6 | 6.7 | | | | | | 190 |
| 200 | 7.9 | 7.2 | | | 8.7 | 7.3 | | | 9.3 | 7.6 | | | 9.8 | 7.8 | 6.8 | | 10 | 7.8 | 6.8 | | 8.9 | 7.3 | 6.5 | | | | | | 200 |
| 210 | 7.5 | | | | 8.1 | 7.2 | | | 8.7 | 7.3 | | | 9.2 | 7.5 | | | 9.5 | 7.6 | 6.7 | | 8.4 | 7 | 6.4 | | | | | | 210 |
| 220 | 6.9 | | | | 7.6 | 7 | | | 8.2 | 7.1 | | | 8.8 | 7.3 | | | 9 | 7.3 | | | 8 | 6.8 | 6.3 | | | | | | 220 |
| 230 | | | | | 7.2 | | | | 7.8 | 7 | | | 8.3 | 7.1 | | | 8.5 | 7.1 | | | 7.6 | 6.5 | | | | | | | 230 |
| 240 | | | | | | | | | 7.3 | | | | 7.8 | 7 | | | 8 | 7 | | | 7.2 | 6.3 | | | | | | | 240 |
| 250 | | | | | | | | | 6.2 | | | | | 7.3 | | | | 7.6 | 6.9 | | | 6.8 | 6.2 | | | | | | 250 |
| 260 | | | | | | | | | | | | | | 5.2 | | | | 6.4 | 6.8 | | | 5.4 | 6 | | | | | | 260 |
| 270 | | | | | | | | | | | | | | | | | | | | | | 3.8 | 5.5 | | | | | | 270 |

* adapter - pièce d'adaptateur

† 180_18501_00_000 / 18521_00_000 / 18541_00_000 / 18561_00_000

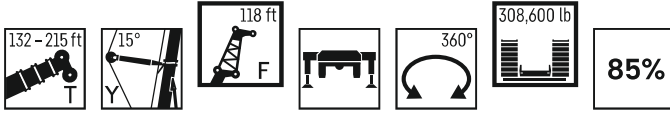


| | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | | | | | |
|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|-----|----------------|------|-----|------|------|------|-----|-----|-----|
| | F 98 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 40 | 29.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 28.2 | | | | 27.8 | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 26.9 | | | | 26.9 | | | | | | | | 26.4 | | | | | | | | | | | | | | | | 50 |
| 55 | 25.7 | | | | 25.8 | | | | | | | | 25.9 | | | | | | | | 19.1 | | | | | | | | 55 |
| 60 | 24.5 | | | | 24.8 | | | | | | | | 24.9 | | | | | | | | 20.4 | | | | | | | | 60 |
| 65 | 23.5 | | | | 23.8 | | | | | | | | 24.1 | | | | | | | | 21.1 | | | | | | | | 65 |
| 70 | 22.5 | | | | 22.9 | | | | | | | | 23.2 | | | | | | | | 21.6 | | | | 14.9 | | | | 70 |
| 75 | 21.6 | 14.9 | | | 22 | 14.6 | | | | | | | 22.4 | | | | | | | | 21.4 | | | | 15.3 | | | | 75 |
| 80 | 20.6 | 14.5 | | | 21.2 | 14.4 | | | | | | | 21.7 | | | | | | | | 20.8 | | | | 15.8 | | | | 80 |
| 85 | 19.7 | 13.9 | | | 20.4 | 13.9 | | | | | | | 20.9 | 14.4 | | | | | | | 20.1 | | | | 16.5 | | | | 85 |
| 90 | 18.8 | 13.4 | | | 19.6 | 13.4 | | | | | | | 20.2 | 13.9 | | | | | | | 19.5 | 13.5 | | | 16.6 | | | | 90 |
| 95 | 18 | 12.9 | | | 18.8 | 12.9 | | | | | | | 19.6 | 13.5 | | | | | | | 18.9 | 13.2 | | | 16.4 | 12.3 | | | 95 |
| 100 | 17.3 | 12.4 | 9.1 | | 18.1 | 12.5 | 9 | | | | | | 19 | 13 | | | | | | | 18.4 | 12.8 | | | 16.2 | 12.1 | | | 100 |
| 105 | 16.6 | 11.9 | 8.9 | | 17.4 | 12.1 | 8.9 | | | | | | 18.3 | 12.6 | | | | | | | 17.8 | 12.4 | | | 15.9 | 11.8 | | | 105 |
| 110 | 15.9 | 11.5 | 8.6 | | 16.7 | 11.7 | 8.7 | | | | | | 17.8 | 12.3 | 8.8 | | | | | | 17.3 | 12.1 | | | 15.5 | 11.5 | | | 110 |
| 115 | 15.2 | 11.1 | 8.4 | 5.4 | 16.1 | 11.3 | 8.5 | 5.4 | | | | | 17.2 | 11.9 | 8.7 | | | | | | 16.8 | 11.7 | 8.5 | | 15 | 11.2 | | | 115 |
| 120 | 14.6 | 10.7 | 8.2 | 5.4 | 15.5 | 11 | 8.3 | 5.4 | 16.1 | 11.3 | 8.4 | 5.3 | 16.7 | 11.5 | 8.5 | 5.3 | 16.3 | 11.4 | 8.4 | | | | | 14.6 | 10.9 | 8 | | 120 | |
| 125 | 14 | 10.4 | 8 | 5.3 | 14.9 | 10.6 | 8.1 | 5.3 | 15.5 | 10.9 | 8.2 | 5.3 | 16.1 | 11.2 | 8.3 | 5.3 | 15.8 | 11.1 | 8.2 | | | | | 14.1 | 10.6 | 7.9 | | 125 | |
| 130 | 13.4 | 10 | 7.8 | 5.3 | 14.3 | 10.3 | 7.9 | 5.3 | 15 | 10.6 | 8 | 5.3 | 15.6 | 10.9 | 8.1 | 5.3 | 15.3 | 10.8 | 8 | 5.2 | | | | 13.7 | 10.3 | 7.8 | | 130 | |
| 135 | 12.9 | 9.7 | 7.7 | | 13.7 | 10 | 7.8 | 5.2 | 14.5 | 10.3 | 7.9 | 5.2 | 15.1 | 10.6 | 8 | 5.2 | 14.8 | 10.5 | 7.9 | 5.2 | 13.3 | 10 | 7.7 | 5.1 | | | | | 135 |
| 140 | 12.3 | 9.4 | 7.5 | | 13.2 | 9.7 | 7.6 | | 13.9 | 10 | 7.7 | 5.2 | 14.5 | 10.3 | 7.8 | 5.2 | 14.4 | 10.2 | 7.8 | 5.1 | 12.9 | 9.8 | 7.6 | 5.1 | 7.7 | 5.1 | | | 140 |
| 150 | 11.4 | 8.9 | 7.3 | | 12.2 | 9.2 | 7.4 | | 12.9 | 9.5 | 7.5 | | 13.5 | 9.8 | 7.6 | 5.1 | 13.5 | 9.7 | 7.5 | 5.1 | 12.1 | 9.3 | 7.4 | 5 | | | | | 150 |
| 160 | 10.6 | 8.4 | 7.1 | | 11.4 | 8.7 | 7.2 | | 12 | 9 | 7.3 | | 12.6 | 9.3 | 7.4 | | 12.7 | 9.3 | 7.3 | | 11.4 | 8.8 | 7.2 | | | | | | 160 |
| 170 | 9.8 | 8 | 6.9 | | 10.6 | 8.3 | 7 | | 11.2 | 8.6 | 7.1 | | 11.8 | 8.8 | 7.1 | | 11.9 | 8.9 | 7.1 | | 10.7 | 8.4 | 7 | | | | | | 170 |
| 180 | 9.1 | 7.7 | | | 9.9 | 7.9 | 6.9 | | 10.5 | 8.2 | 6.9 | | 11.1 | 8.5 | 7 | | 11.2 | 8.5 | 7 | | 10.1 | 8 | 6.9 | | | | | | 180 |
| 190 | 8.5 | 7.4 | | | 9.2 | 7.6 | | | 9.8 | 7.8 | 6.8 | | 10.4 | 8.1 | 6.9 | | 10.6 | 8.1 | 6.9 | | 9.5 | 7.6 | 6.7 | | | | | | 190 |
| 200 | 7.9 | 7.2 | | | 8.7 | 7.3 | | | 9.3 | 7.6 | | | 9.7 | 7.8 | 6.8 | | 9.7 | 7.8 | 6.8 | | 8.8 | 7.3 | 6.5 | | | | | | 200 |
| 210 | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Lifting capacities

Forces de levage

TYF 118 ft



| Height (ft) | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | |
|-------------|----------------|------|-----|-----|----------------|------|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|------|-----|-----|
| | F 118 ft | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 50 | 21.5 | | | | 22 | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 20.6 | | | | 21.3 | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 19.7 | | | | 20.4 | | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 18.9 | | | | 19.6 | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 18.1 | | | | 18.9 | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | 17.3 | | | | 18.1 | | | | | | | | | | | | | | | | | | 11.3 | | 75 |
| 80 | 16.6 | | | | 17.5 | | | | | | | | | | | | | | | | | | 12 | | 80 |
| 85 | 15.9 | | | | 16.8 | | | | | | | | | | | | | | | | | | 12.4 | | 85 |
| 90 | 15.2 | 10.5 | | | 16.2 | 11.1 | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 14.6 | 10.1 | | | 15.6 | 10.8 | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 13.9 | 9.6 | | | 15 | 10.4 | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 13.3 | 9.2 | | | 14.4 | 10.1 | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 12.7 | 8.9 | | | 13.9 | 9.7 | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 12.2 | 8.5 | 6.2 | | 13.4 | 9.4 | | | | | | | | | | | | | | | | | | | 115 |
| 120 | 11.6 | 8.2 | 6.1 | | 12.8 | 9 | 6.6 | | | | | | | | | | | | | | | | | | 120 |
| 125 | 11.1 | 7.8 | 5.9 | | 12.3 | 8.7 | 6.5 | | | | | | | | | | | | | | | | | | 125 |
| 130 | 10.6 | 7.6 | 5.8 | | 11.9 | 8.4 | 6.3 | | | | | | | | | | | | | | | | | | 130 |
| 135 | 10.1 | 7.3 | 5.6 | 2.9 | 11.5 | 8.1 | 6.2 | | | | | | | | | | | | | | | | | | 135 |
| 140 | 9.6 | 7.1 | 5.5 | 2.9 | 11.1 | 7.9 | 6.1 | 3.4 | | | | | | | | | | | | | | | | | 140 |
| 150 | 8.8 | 6.6 | 5.3 | 2.9 | 10.3 | 7.4 | 5.8 | 3.4 | | | | | | | | | | | | | | | | | 150 |
| 160 | 8.1 | 6.3 | 5 | | 9.5 | 7 | 5.6 | | | | | | | | | | | | | | | | | | 160 |
| 170 | 7.5 | 5.9 | 4.9 | | 8.7 | 6.6 | 5.4 | | | | | | | | | | | | | | | | | | 170 |
| 180 | 7 | 5.6 | 4.7 | | 8.1 | 6.3 | 5.2 | | | | | | | | | | | | | | | | | | 180 |
| 190 | 6.5 | 5.4 | 4.6 | | 7.5 | 6 | 5.1 | | | | | | | | | | | | | | | | | | 190 |
| 200 | 6.1 | 5.1 | | | 7 | 5.7 | 5 | | | | | | | | | | | | | | | | | | 200 |
| 210 | 5.7 | 5 | | | 6.6 | 5.5 | | | | | | | | | | | | | | | | | | | 210 |
| 220 | 5.3 | 4.8 | | | 6.2 | 5.3 | | | | | | | | | | | | | | | | | | | 220 |
| 230 | 5 | | | | 5.8 | 5.2 | | | | | | | | | | | | | | | | | | | 230 |
| 240 | 4.7 | | | | 5.5 | 5.1 | | | | | | | | | | | | | | | | | | | 240 |
| 250 | | | | | 5.1 | | | | | | | | | | | | | | | | | | | | 250 |
| 260 | | | | | | | | | | | | | | | | | | | | | | | | | 260 |
| 270 | | | | | | | | | | | | | | | | | | | | | | | | | 270 |
| 280 | | | | | | | | | | | | | | | | | | | | | | | | | 280 |
| 290 | | | | | | | | | | | | | | | | | | | | | | | | | 290 |

* adapter - pièce d'adaptateur

† 180_18601_00_000 / 18621_00_000 / 18641_00_000 / 18661_00_000



| Height (ft) | 132 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 149 ft + 8 ft* | | | | 182 ft + 8 ft* | | | | 198 ft + 8 ft* | | | | 215 ft + 8 ft* | | | | |
|-------------|----------------|------|-----|-----|----------------|------|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|----------------|-----|-----|-----|-----|
| | F 118 ft | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | 0° | 20° | 40° | 60° | |
| 50 | 21.5 | | | | 22 | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 20.6 | | | | 21.3 | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 19.7 | | | | 20.4 | | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 18.9 | | | | 19.6 | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 18.1 | | | | 18.9 | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | 17.3 | | | | 18.1 | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 16.6 | | | | 17.5 | | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 15.9 | | | | 16.8 | | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 15.2 | 10.5 | | | 16.2 | 11.1 | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 14.6 | 10.1 | | | 15.6 | 10.8 | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 13.9 | 9.6 | | | 15 | 10.4 | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 13.3 | 9.2 | | | 14.4 | 10.1 | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 12.7 | 8.9 | | | 13.9 | 9.7 | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 12.2 | 8.5 | 6.2 | | 13.4 | 9.4 | | | | | | | | | | | | | | | | | | | 115 |
| 120 | 11.6 | 8.2 | 6.1 | | 12.8 | 9 | 6.6 | | | | | | | | | | | | | | | | | | 120 |
| 125 | 11.1 | 7.8 | 5.9 | | 12.3 | 8.7 | 6.5 | | | | | | | | | | | | | | | | | | 125 |
| 130 | 10.6 | 7.6 | 5.8 | | 11.9 | 8.4 | 6.3 | | | | | | | | | | | | | | | | | | 130 |
| 135 | 10.1 | 7.3 | 5.6 | 2.9 | 11.5 | 8.1 | 6.2 | | | | | | | | | | | | | | | | | | 135 |
| 140 | 9.6 | 7.1 | 5.5 | 2.9 | 11.1 | 7.9 | 6.1 | 3.4 | | | | | | | | | | | | | | | | | 140 |
| 150 | 8.8 | 6.6 | 5.3 | 2.9 | 10.3 | 7.4 | 5.8 | 3.4 | | | | | | | | | | | | | | | | | 150 |
| 160 | 8.1 | 6.3 | 5 | | 9.5 | 7 | 5.6 | | | | | | | | | | | | | | | | | | 160 |
| 170 | 7.5 | 5.9 | 4.9 | | 8.7 | 6.6 | 5.4 | | | | | | | | | | | | | | | | | | 170 |
| 180 | 7 | 5.6 | 4.7 | | 8.1 | 6.3 | 5.2 | | | | | | | | | | | | | | | | | | 180 |
| 190 | 6.5 | 5.4 | 4.6 | | 7.5 | 6 | 5.1 | | | | | | | | | | | | | | | | | | 190 |
| 200 | 6.1 | 5.1 | | | 7 | 5.7 | 5 | | | | | | | | | | | | | | | | | | 200 |
| 210 | 5.7 | 5 | | | 6.6 | 5.5 | | | | | | | | | | | | | | | | | | | 210 |
| 220 | 5.3 | 4.8 | | | 6.2 | 5.3 | | | | | | | | | | | | | | | | | | | 220 |
| 230 | 5 | | | | 5.8 | 5.2 | | | | | | | | | | | | | | | | | | | 230 |
| 240 | 4.7 | | | | 5.5 | 5.1 | | | | | | | | | | | | | | | | | | | 240 |
| 250 | | | | | 5.1 | | | | | | | | | | | | | | | | | | | | 250 |
| 260 | | | | | | | | | | | | | | | | | | | | | | | | | 260 |
| 270 | | | | | | | | | | | | | | | | | | | | | | | | | 270 |

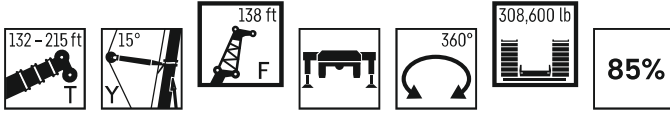
* adapter - pièce d'adaptateur

† 180_18605_00_000 / 18625_00_000 / 18645_00_000 / 18665_00_000

Lifting capacities

Forces de levage

TYF 138 ft



| | 132 ft + 8 ft* | | | 149 ft + 8 ft* | | | 149 ft + 8 ft* | | | 182 ft + 8 ft* | | | 198 ft + 8 ft* | | | 215 ft + 8 ft* | | | |
|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|
| | F 138 ft | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 50 | 17.6 | | | | | | | | | | | | | | | | | | 50 |
| 55 | 17.1 | | | | | | | | | | | | | | | | | | 55 |
| 60 | 16.4 | | | | | | | | | | | | | | | | | | 60 |
| 65 | 15.7 | | | | | | | | | | | | | | | | | | 65 |
| 70 | 15.1 | | | | | | | | | | | | | | | | | | 70 |
| 75 | 14.5 | | | | | | | | | | | | | | | | | | 75 |
| 80 | 13.9 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 13.3 | | | | | | | | | | | | | | | | | | 85 |
| 90 | 12.8 | | | | | | | | | | | | | | | | | | 90 |
| 95 | 12.3 | | | | | | | | | | | | | | | | | | 95 |
| 100 | 11.8 | 8.2 | | | | | | | | | | | | | | | | | 100 |
| 105 | 11.3 | 7.9 | | | | | | | | | | | | | | | | | 105 |
| 110 | 10.8 | 7.6 | | | | | | | | | | | | | | | | | 110 |
| 115 | 10.3 | 7.3 | | | | | | | | | | | | | | | | | 115 |
| 120 | 9.9 | 7 | | | | | | | | | | | | | | | | | 120 |
| 125 | 9.4 | 6.7 | | | | | | | | | | | | | | | | | 125 |
| 130 | 9 | 6.5 | | | | | | | | | | | | | | | | | 130 |
| 135 | 8.6 | 6.3 | 4.6 | | | | | | | | | | | | | | | | 135 |
| 140 | 8.3 | 6.1 | 4.5 | 8.7 | 6.1 | 4.5 | 9.1 | 6.3 | 4.5 | 9.4 | 6.4 | 4.6 | 9.3 | 6.4 | | | | | 140 |
| 150 | 7.5 | 5.6 | 4.2 | 8 | 5.7 | 4.3 | 8.4 | 5.9 | 4.4 | 8.8 | 6 | 4.4 | 8.7 | 6 | 4.4 | | | | 150 |
| 160 | 7 | 5.3 | 4 | 7.4 | 5.4 | 4.1 | 7.8 | 5.5 | 4.2 | 8.2 | 5.7 | 4.2 | 8.1 | 5.7 | 4.2 | | | | 160 |
| 170 | 6.4 | 4.9 | 3.8 | 6.8 | 5.1 | 3.9 | 7.2 | 5.2 | 4 | 7.6 | 5.4 | 4 | 7.6 | 5.4 | 4 | | | | 170 |
| 180 | 5.9 | 4.6 | 3.6 | 6.4 | 4.8 | 3.7 | 6.7 | 4.9 | 3.8 | 7 | 5.1 | 3.9 | 7.1 | 5.1 | 3.8 | | | | 180 |
| 190 | 5.5 | 4.4 | 3.5 | 5.9 | 4.5 | 3.6 | 6.2 | 4.7 | 3.7 | 6.6 | 4.8 | 3.7 | 6.6 | 4.8 | 3.7 | | | | 190 |
| 200 | 5.1 | 4.1 | 3.4 | 5.5 | 4.3 | 3.5 | 5.8 | 4.4 | 3.5 | 6.2 | 4.6 | 3.6 | 6.3 | 4.6 | 3.6 | | | | 200 |
| 210 | 4.7 | 3.9 | 3.3 | 5.1 | 4 | 3.3 | 5.5 | 4.2 | 3.4 | 5.8 | 4.4 | 3.5 | 5.9 | 4.4 | 3.5 | | | | 210 |
| 220 | 4.4 | 3.7 | | 4.8 | 3.8 | 3.3 | 5.1 | 4 | 3.3 | 5.4 | 4.1 | 3.4 | 5.5 | 4.2 | 3.4 | | | | 220 |
| 230 | 4.1 | 3.5 | | 4.5 | 3.7 | | 4.8 | 3.8 | 3.2 | 5.1 | 3.9 | 3.3 | 5.2 | 4 | 3.3 | | | | 230 |
| 240 | 3.8 | 3.4 | | 4.2 | 3.5 | | 4.5 | 3.6 | | 4.8 | 3.8 | 3.2 | 4.9 | 3.8 | 3.2 | | | | 240 |
| 250 | 3.5 | | | 3.9 | 3.4 | | 4.2 | 3.5 | | 4.5 | 3.6 | | 4.6 | 3.7 | 3.2 | | | | 250 |
| 260 | 3.2 | | | 3.7 | 3.3 | | 4 | 3.4 | | 4.2 | 3.5 | | 4.4 | 3.5 | | | | | 260 |
| 270 | | | | | | | 3.8 | 3.3 | | 4 | 3.4 | | 4.2 | 3.4 | | | | | 270 |
| 280 | | | | | | | 3.5 | | | 3.8 | 3.3 | | 3.9 | 3.3 | | | | | 280 |
| 290 | | | | | | | | | | | | | 3.6 | 3.2 | | | | | 290 |
| 300 | | | | | | | | | | | | | 3.2 | | | | | | 300 |

* adapter - pièce d'adaptateur

t_180_18701_00_000 / 18721_00_000 / 18741_00_000



| | 132 ft + 8 ft* | | | 149 ft + 8 ft* | | | 149 ft + 8 ft* | | | 182 ft + 8 ft* | | | 198 ft + 8 ft* | | | 215 ft + 8 ft* | | | |
|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|----------------|-----|-----|-----|
| | F 138 ft | | | | | | | | | | | | | | | | | | |
| | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | 0° | 20° | 40° | |
| 50 | 17.7 | | | | | | | | | | | | | | | | | | 50 |
| 55 | 17.1 | | | | | | | | | | | | | | | | | | 55 |
| 60 | 16.4 | | | | | | | | | | | | | | | | | | 60 |
| 65 | 15.7 | | | | | | | | | | | | | | | | | | 65 |
| 70 | 15.1 | | | | | | | | | | | | | | | | | | 70 |
| 75 | 14.5 | | | | | | | | | | | | | | | | | | 75 |
| 80 | 13.9 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 13.3 | | | | | | | | | | | | | | | | | | 85 |
| 90 | 12.8 | | | | | | | | | | | | | | | | | | 90 |
| 95 | 12.3 | | | | | | | | | | | | | | | | | | 95 |
| 100 | 11.8 | 8.2 | | | | | | | | | | | | | | | | | 100 |
| 105 | 11.3 | 7.9 | | | | | | | | | | | | | | | | | 105 |
| 110 | 10.8 | 7.6 | | | | | | | | | | | | | | | | | 110 |
| 115 | 10.3 | 7.3 | | | | | | | | | | | | | | | | | 115 |
| 120 | 9.9 | 7 | | | | | | | | | | | | | | | | | 120 |
| 125 | 9.4 | 6.7 | | | | | | | | | | | | | | | | | 125 |
| 130 | 9 | 6.5 | | | | | | | | | | | | | | | | | 130 |
| 135 | 8.6 | 6.3 | 4.6 | | | | | | | | | | | | | | | | 135 |
| 140 | 8.3 | 6.1 | 4.5 | 8.7 | 6.1 | 4.5 | 9.1 | 6.3 | 4.5 | 9.4 | 6.4 | 4.6 | 9.3 | 6.4 | | | | | 140 |
| 150 | 7.5 | 5.6 | 4.2 | 8 | 5.7 | 4.3 | 8.4 | 5.9 | 4.4 | 8.8 | 6 | 4.4 | 8.7 | 6 | 4.4 | | | | 150 |
| 160 | 7 | 5.3 | 4 | 7.4 | 5.4 | 4.1 | 7.8 | 5.5 | 4.2 | 8.2 | 5.7 | 4.2 | 8.1 | 5.7 | 4.2 | | | | 160 |
| 170 | 6.4 | 4.9 | 3.8 | 6.8 | 5.1 | 3.9 | 7.2 | 5.2 | 4 | 7.6 | 5.4 | 4 | 7.6 | 5.4 | 4 | | | | 170 |
| 180 | 5.9 | 4.6 | 3.6 | 6.4 | 4.8 | 3.7 | 6.7 | 4.9 | 3.8 | 7 | 5.1 | 3.9 | 7.1 | 5.1 | 3.8 | | | | 180 |
| 190 | 5.5 | 4.4 | 3.5 | 5.9 | 4.5 | 3.6 | 6.2 | 4.7 | 3.7 | 6.6 | 4.8 | 3.7 | 6.6 | 4.8 | 3.7 | | | | 190 |
| 200 | 5.1 | 4.1 | 3.4 | 5.5 | 4.3 | 3.5 | 5.8 | 4.4 | 3.5 | 6.2 | 4.6 | 3.6 | 6.3 | 4.6 | 3.6 | | | | 200 |
| 210 | 4.7 | 3.9 | 3.3 | 5.1 | 4 | 3.3 | 5.5 | 4.2 | 3.4 | 5.8 | 4.4 | 3.5 | 5.9 | 4.4 | 3.5 | | | | 210 |
| 220 | 4.4 | 3.7 | | 4.8 | 3.8 | 3.3 | 5.1 | 4 | 3.3 | 5.4 | 4.1 | 3.4 | 5.5 | 4.2 | 3.4 | | | | 220 |
| 230 | 4.1 | 3.5 | | 4.5 | 3.7 | | 4.8 | 3.8 | 3.2 | 5.1 | 3.9 | 3.3 | 5.1 | 4 | 3.3 | | | | 230 |
| 240 | 3.8 | 3.4 | | 4.2 | 3.5 | | 4.5 | 3.6 | | 4.7 | 3.8 | 3.2 | 4.8 | 3.8 | 3.2 | | | | 240 |
| 250 | 3.5 | | | 3.9 | 3.4 | | 4.2 | 3.5 | | 4.4 | 3.6 | | 4.3 | 3.7 | 3.2 | | | | 250 |
| 260 | 3.2 | | | 3.6 | 3.3 | | 3.9 | 3.4 | | 4.1 | 3.5 | | 3.4 | 3.5 | | | | | 260 |
| 270 | | | | | | | 3.7 | 3.3 | | 3.4 | 3.4 | | | 3.4 | | | | | 270 |
| 280 | | | | | | | 3.3 | | | 3.3 | | | | 3 | | | | | 280 |

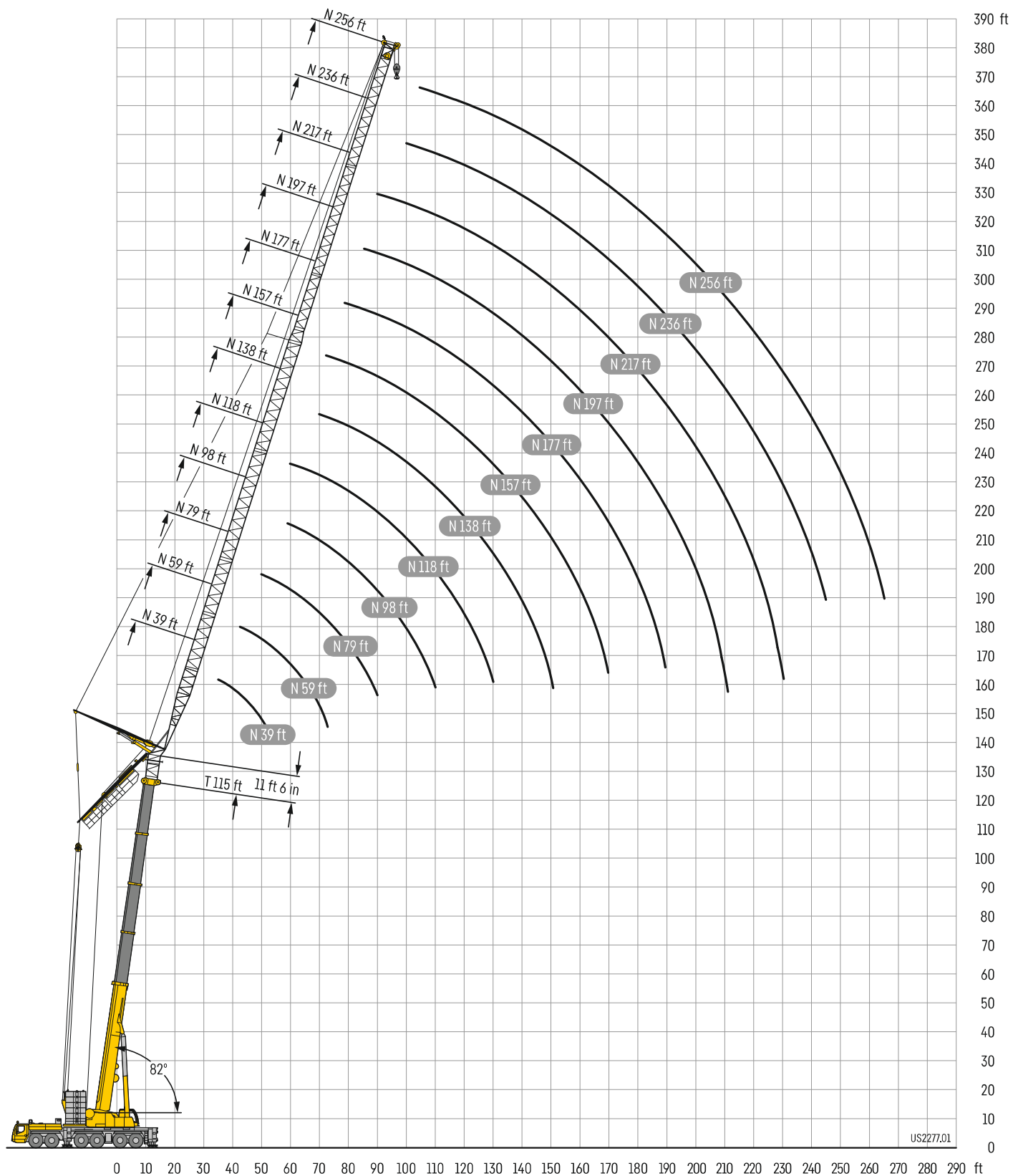
* adapter - pièce d'adaptateur

t_180_18705_00_000 / 18725_00_000 / 18745_00_000

Lifting heights

Hauteurs de levage

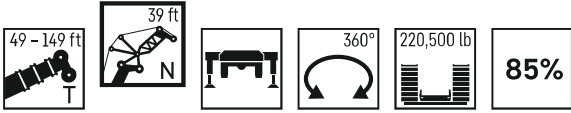
TN



Lifting capacities

Forces de levage

TN 39 - 59 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | |
|----|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|------|---------------------|-------|------|----------------------|------|-----|----------------------|-----|-----|----------------------|------|----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | |
| | N 39 ft** | | | | | | | | | | | | | | | | | | | | |
| 22 | 156.1 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 156.1 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 156.1 | | | 156.1 | | | | | | | | | | | | | | | | | 26 |
| 28 | 156.1 | | | 156.1 | | | | | | | | | | | | | | | | | 28 |
| 30 | 155.6 | | | 155.8 | | | 142.3 | | | | | | | | | | | | | | 30 |
| 32 | 153.5 | | | 154.6 | | | 143.2 | | | | | | | | | | | | | | 32 |
| 34 | 150.1 | | | 152.9 | | | 143.4 | | | 117.6 | | | | | | | | | | | 34 |
| 36 | 145.6 | 147.8 | | 150.9 | | | 143 | | | 117.9 | | | | | | | | | | | 36 |
| 38 | 139.7 | 142.1 | | 147.3 | 149.4 | | 141.5 | | | 118.1 | | | 98.5 | | | 75.1 | | | | | 38 |
| 40 | 132.9 | 136.7 | | 142.5 | 148.2 | | 140 | | | 118.3 | | | 98.6 | | | 75 | | | | | 40 |
| 42 | 124.2 | 132.3 | | 135.2 | 144.7 | | 138.9 | | | 118.7 | | | 98.7 | | | 74.9 | | | | 57.9 | 42 |
| 44 | | 128.6 | 129.3 | 127.1 | 140.7 | | 135.4 | 136.9 | | 119.3 | | | 99 | | | 74.9 | | | | 57.9 | 44 |
| 46 | | 125.2 | 128 | | 136.6 | | | 135.8 | | 119.9 | | | 99.3 | | | 74.9 | | | | 57.8 | 46 |
| 48 | | 121 | 123.8 | | 133.2 | | | 132.9 | | 119.5 | | | 99.8 | | | 74.6 | | | | 57.8 | 48 |
| 50 | | | 119.5 | | 129.9 | 127.1 | | 130 | | 119.2 | 114 | | 100.3 | | | 74.4 | | | | 57.8 | 50 |
| 55 | | | | | 119.2 | | | 120.9 | | | 112 | | | 94.6 | | | | | | 57.8 | 55 |
| 60 | | | | | 109 | | | | | | 106.8 | | | 93.9 | | | | | | | 60 |
| 65 | | | | | | | | | 96.3 | | | | | 93.2 | | | | | | | 65 |
| 70 | | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | | | | | | | | | | | | 84.8 | | | | | | | | | 75 |
| 80 | | | | | | | | | | | | 79 | | | | | | | | | 80 |
| 85 | | | | | | | | | | | | | | | | 76.2 | | | | | 85 |
| 90 | | | | | | | | | | | | | | | | 71.2 | | | | | 90 |
| | | | | | | | | | | | | | | | | 66.5 | | | | 45.8 | 90 |
| | | | | | | | | | | | | | | | | | | | | 43.3 | 90 |

* adapter - pièce d'adaptateur

** Hookblock with deadweight of 6615 lb necessary · Moufle à crochet de poids minimal de 6615 lb nécessaire

180_54105_00_000



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | | |
|-----|---------------------|-------|-------|---------------------|-------|------|---------------------|-------|-----|---------------------|-----|------|----------------------|------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | |
| | N 59 ft*** | | | | | | | | | | | | | | | | |
| 28 | 130.7 | | | | | | | | | | | | | | | 28 | |
| 30 | 130.1 | | | | | | | | | | | | | | | 30 | |
| 32 | 128.4 | | | 121.7 | | | | | | | | | | | | 32 | |
| 34 | 126.6 | | | 121.6 | | | | | | | | | | | | 34 | |
| 36 | 124.7 | | | 121 | | | 108.4 | | | | | | | | | 36 | |
| 38 | 122.7 | | | 119.6 | | | 108.3 | | | | | 90.5 | | | | 38 | |
| 40 | 120.7 | | | 118.1 | | | 108.3 | | | | | 90.5 | | | | 40 | |
| 42 | 119 | | | 116.6 | | | 108.3 | | | | | 90.5 | | | 76.9 | 42 | |
| 44 | 117.2 | 117.7 | | 115.2 | | | 107.8 | | | | | 90.5 | | | 76.9 | 44 | |
| 46 | 115.6 | 115.5 | | 114 | | | 107.2 | | | | | 90.5 | | | 76.9 | 46 | |
| 48 | 114.3 | 113.3 | | 113 | | | 106.4 | | | | | 90.5 | | | 76.9 | 48 | |
| 50 | 113.1 | 111 | | 112 | 111 | | 105.6 | | | | | 90.5 | | | 76.9 | 50 | |
| 55 | 109.5 | 105.4 | | 110.2 | 107.6 | | 104.2 | 103.1 | | | | 90.5 | | | 76.9 | 55 | |
| 60 | 104 | 100.1 | 100.2 | 107.5 | 104.2 | | 103.3 | 100.4 | | | | 90.5 | 87.7 | | 76.9 | 60 | |
| 65 | | 97.3 | 93.7 | 98.3 | 101.9 | 99.2 | 102.6 | 98 | | | | 90.5 | 88.1 | | 76.9 | 65 | |
| 70 | | | 89.4 | 98.3 | 96.3 | 92.7 | | 93.3 | | | | 90.5 | 87.5 | | 76.9 | 70 | |
| 75 | | | | | | | | 87.6 | | | | | 84.2 | | 74.3 | 75 | |
| 80 | | | | | | | | 86.3 | | | | | 79.1 | 73.2 | 73.7 | 80 | |
| 85 | | | | | | | | 80.6 | | | | | 72.5 | | 72.2 | 85 | |
| 90 | | | | | | | | | | | | | | | | 90 | |
| 95 | | | | | | | | | | | | | | | | 95 | |
| 100 | | | | | | | | | | | | | | | | 100 | |
| | | | | | | | | | | | | | | | | 61.8 | 90 |
| | | | | | | | | | | | | | | | | 54.6 | 100 |

* adapter - pièce d'adaptateur

*** Hookblock with deadweight of 3200 lb necessary · Moufle à crochet de poids minimal de 3200 lb nécessaire

180_54205_00_000

| | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | 198 ft + 11 ft 6 in* | | 215 ft + 11 ft 6 in* | |
|-----|----------------------|------|------|----------------------|------|------|----------------------|-----|------|----------------------|-----|----------------------|-----|----------------------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 82° | 75° | 82° | |
| | N 59 ft*** | | | | | | | | | | | | | | |
| 44 | 59.7 | | | | | | | | | | | | | | 44 |
| 46 | 59.7 | | | | | | | | | | | | | | 46 |
| 48 | 59.6 | | | | | | | | | | | | | | 48 |
| 50 | 59.6 | | | 45.8 | | | 34.7 | | | | | | | | 50 |
| 55 | 59.6 | | | 45.7 | | | 34.6 | | | 25.4 | | 18 | | | 55 |
| 60 | 59.5 | | | 45.7 | | | 34.5 | | | 25.3 | | 18 | | | 60 |
| 65 | 59.4 | | | 45.7 | | | 34.4 | | | 25.3 | | 17.9 | | 11.9 | 65 |
| 70 | 58.8 | 54.1 | | 45.7 | | | 34.4 | | | 25.2 | | 17.9 | | 11.8 | 70 |
| 75 | | 52.7 | | | 42 | | | | | | | 17.9 | | 11.7 | 75 |
| 80 | | 50.6 | | | 41.3 | | | | | | | 17.9 | | 11.6 | 80 |
| 85 | | 48.5 | | | 40 | | | | 30.9 | | | 17.9 | | 11.5 | 85 |
| 90 | | 46.7 | | | 38.7 | | | | 30 | | | 22.4 | | | 90 |
| 95 | | | 40 | | 37.5 | | | | 29.1 | | | 22 | | | 95 |
| 100 | | | 38.3 | | | 31.7 | | | | | | 21.4 | | 15.8 | 100 |
| 105 | | | 36.5 | | | 30.9 | | | | | | | | 15.4 | 105 |
| 110 | | | 35 | | | 29.5 | | | | | | | | 15 | 110 |
| 115 | | | | | | | | | | 22.3 | | | | | 115 |
| | | | | | | | | | | 21.6 | | | | | 115 |

* adapter - pièce d'adaptateur

*** Hookblock with deadweight of 3200 lb necessary · Moufle à crochet de poids minimal de 3200 lb nécessaire

180_54205_00_000

Lifting capacities

Forces de levage

TN 79 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 36 | 101.5 | | | | | | | | | | | | | | | 36 |
| 38 | 100.3 | | | 94.6 | | | | | | | | | | | | 38 |
| 40 | 99.1 | | | 94.4 | | | | | | | | | | | | 40 |
| 42 | 97.8 | | | 93.9 | | | 84.5 | | | | | | | | | 42 |
| 44 | 96.6 | | | 93.2 | | | 84.4 | | | 71.7 | | | | | | 44 |
| 46 | 95.3 | | | 92.4 | | | 84.4 | | | 71.7 | | | | | | 46 |
| 48 | 94.3 | | | 91.5 | | | 84.3 | | | 71.7 | | | | | | 48 |
| 50 | 93.2 | 92.2 | | 90.6 | | | 84.1 | | | 71.7 | | | | | | 50 |
| 55 | 90.7 | 90.4 | | 88.7 | | | 83.3 | | | 71.7 | | | 61.7 | | | 55 |
| 60 | 88.4 | 87.3 | | 87 | 86.5 | | 82 | | | 71.7 | | | 61.8 | | | 60 |
| 65 | 86.9 | 84.5 | | 85.7 | 84.1 | | 80.9 | 80 | | 71.7 | | | 62 | | | 65 |
| 70 | 86.3 | 82.2 | 81.9 | 85.1 | 82.1 | | 80.2 | 78.4 | | 71.7 | 69.6 | | 62.3 | | | 70 |
| 75 | 86.2 | 80.4 | 78.8 | 84.8 | 80.4 | 80 | 80 | 76.9 | | 71.6 | 69.3 | | 62.5 | | | 75 |
| 80 | 82.4 | 79.1 | 75.6 | 84.1 | 79.1 | 77.8 | 80 | 75.8 | | 71.6 | 68.7 | | 62.6 | 59.9 | | 80 |
| 85 | | 78.5 | 72.7 | 81.3 | 78.3 | 74.9 | 80 | 74.9 | 71.6 | 71.6 | 68.1 | | 62.5 | 59.9 | | 85 |
| 90 | | | 71.3 | | 74 | 70.7 | | 71.6 | 67.6 | 71.6 | 67.7 | 63.4 | 62.5 | 59.8 | | 90 |
| 95 | | | | | | 66.7 | | 67.9 | 63.7 | | 65.4 | 59.8 | | 59.8 | 55.1 | 95 |
| 100 | | | | | | | | | 60 | | 61.8 | 56.3 | | 59 | 53.6 | 100 |
| 105 | | | | | | | | | 56.5 | | | 53.1 | | | 50.6 | 105 |
| 110 | | | | | | | | | | | | 50.3 | | | 47.9 | 110 |
| 115 | | | | | | | | | | | | 47.6 | | | 45.4 | 115 |
| 120 | | | | | | | | | | | | | | | 43.1 | 120 |

* adapter - pièce d'adaptateur

t_180_54305_00_000

| | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | | 198 ft + 11 ft 6 in* | | | 215 ft + 11 ft 6 in* | | |
|-----|----------------------|------|------|----------------------|------|------|----------------------|------|-----|----------------------|------|------|----------------------|------|-----|----------------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | |
| 50 | 48 | | | | | | | | | | | | | | | | | 50 |
| 55 | 47.9 | | | 36.7 | | | 27 | | | | | | | | | | | 55 |
| 60 | 47.8 | | | 36.5 | | | 27 | | | | | | | | | | | 60 |
| 65 | 47.7 | | | 36.3 | | | 27 | | | 19.9 | | | 13.8 | | | | | 65 |
| 70 | 47.6 | | | 36.3 | | | 27 | | | 19.8 | | | 13.7 | | | | 7.6 | 70 |
| 75 | 47.6 | | | 36.3 | | | 27 | | | 19.7 | | | 13.6 | | | | 7.6 | 75 |
| 80 | 47.6 | | | 36.3 | | | 27 | | | 19.7 | | | 13.4 | | | | 7.5 | 80 |
| 85 | 47.4 | 44 | | 36.3 | 34.9 | | 27 | | | 19.7 | | | 13.3 | | | | 7.4 | 85 |
| 90 | 47.1 | 42.8 | | 36.3 | 34.4 | | 27 | | | 19.7 | | | 13.3 | | | | 7.4 | 90 |
| 95 | | 41.5 | | 36.3 | 33.6 | | 27 | 25 | | 19.7 | | | 13.2 | | | | 7.3 | 95 |
| 100 | | 40.2 | 35.4 | | 32.7 | | | 24.4 | | | 18 | | 13.2 | | | | 7.3 | 100 |
| 105 | | 38.9 | 35.2 | | 31.8 | | | 23.8 | | | 17.7 | | | | | | | 105 |
| 110 | | 37.8 | 33.5 | | 31 | | | 23.3 | | | 17.3 | | | 11.7 | | | | 110 |
| 115 | | | 32.1 | | 30.3 | 26.7 | | 22.7 | | | 16.9 | | | 11.6 | | | | 115 |
| 120 | | | 30.8 | | | 25.7 | | | | | 16.5 | | | 11.6 | | | | 120 |
| 125 | | | | | | 24.7 | | | | | | | | 11.4 | | | | 125 |
| 130 | | | | | | 23.7 | | | | | | | | 11.2 | | | | 130 |
| 135 | | | | | | | | | | | | | | | | | | 135 |
| 140 | | | | | | | | | | | | 11.9 | | | | | | 140 |
| 145 | | | | | | | | | | | | 11.5 | | | 7.4 | | | 145 |
| 150 | | | | | | | | | | | | | | | 7 | | | 150 |

* adapter - pièce d'adaptateur

t_180_54305_00_000

Lifting capacities

Forces de levage

TN 98 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 42 | 78.7 | | | | | | | | | | | | | | | 42 |
| 44 | 78.1 | | | | | | | | | | | | | | | 44 |
| 46 | 77.4 | | | 73.3 | | | | | | | | | | | | 46 |
| 48 | 76.8 | | | 73 | | | | | | | | | | | | 48 |
| 50 | 76.1 | | | 72.8 | | | 65.9 | | | 56.9 | | | | | | 50 |
| 55 | 74.5 | | | 71.9 | | | 65.8 | | | 56.7 | | | 49.2 | | | 55 |
| 60 | 73 | | | 70.7 | | | 65.7 | | | 56.5 | | | 49.2 | | | 60 |
| 65 | 71.6 | 70.5 | | 69.7 | 68.7 | | 65.2 | | | 56.3 | | | 49 | | | 65 |
| 70 | 70.4 | 68.8 | | 68.7 | 67.5 | | 64.6 | 63.4 | | 56.3 | | | 48.9 | | | 70 |
| 75 | 69.4 | 67.3 | | 67.9 | 66.2 | | 64 | 62.7 | | 56.2 | | | 48.9 | | | 75 |
| 80 | 68.9 | 66 | 65.2 | 67.4 | 65.1 | | 63.5 | 61.8 | | 56.2 | 54.7 | | 48.9 | | | 80 |
| 85 | 68.7 | 64.8 | 63.5 | 67.3 | 64.1 | 63.3 | 63.3 | 60.9 | | 56.2 | 54.7 | | 48.9 | 47.2 | | 85 |
| 90 | 68.7 | 64.1 | 62.1 | 67.2 | 63.4 | 62.1 | 63.3 | 60.3 | | 56.2 | 54.5 | | 48.9 | 47.2 | | 90 |
| 95 | 65.2 | 63.9 | 61 | 67.2 | 63 | 60.9 | 63.3 | 59.8 | 58.6 | 56.2 | 54.1 | | 48.9 | 47.2 | | 95 |
| 100 | | 63.9 | 60.1 | 64.8 | 62.7 | 59.9 | 63.3 | 59.5 | 57.4 | 56.2 | 53.9 | 52.7 | 48.9 | 47.2 | | 100 |
| 105 | | 63.9 | 59.7 | | 62.2 | 58.9 | | 59.4 | 55.9 | 56.2 | 53.7 | 52.1 | 48.9 | 47.2 | | 105 |
| 110 | | | 57.9 | | 59 | 55.8 | | 56.8 | 52.9 | | 53.6 | 49.4 | 48.9 | 47.2 | 45.7 | 110 |
| 115 | | | | | | 52.9 | | 54 | 50.2 | | 51.7 | 46.8 | | 47.2 | 44.4 | 115 |
| 120 | | | | | | | | | 47.6 | | 49 | 44.4 | | 46.7 | 42.4 | 120 |
| 125 | | | | | | | | | 45.2 | | | 42.2 | | | 40.3 | 125 |
| 130 | | | | | | | | | | | | 40.2 | | | 38.4 | 130 |
| 135 | | | | | | | | | | | | 38.3 | | | 36.6 | 135 |
| 140 | | | | | | | | | | | | | | | 34.9 | 140 |

* adapter - pièce d'adaptateur

t_180_54405_00_000

| | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | | 198 ft + 11 ft 6 in* | | | 215 ft + 11 ft 6 in* | |
|-----|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|-----|----------------------|-----|-----|----------------------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | |
| 55 | 39 | | | | | | | | | | | | | | | | 55 |
| 60 | 38.9 | | | | | | | | | | | | | | | | 60 |
| 65 | 38.7 | | | 29 | | | 22.2 | | | | | | | | | | 65 |
| 70 | 38.6 | | | 28.9 | | | 22.1 | | | 15.8 | | | 9.4 | | | | 70 |
| 75 | 38.5 | | | 28.7 | | | 22 | | | 15.7 | | | 9.3 | | 4.1 | | 75 |
| 80 | 38.4 | | | 28.6 | | | 21.8 | | | 15.6 | | | 9.2 | | 4 | | 80 |
| 85 | 38.4 | | | 28.6 | | | 21.7 | | | 15.5 | | | 9.1 | | 4 | | 85 |
| 90 | 38.4 | 36.9 | | 28.6 | | | 21.7 | | | 15.4 | | | 9 | | 3.9 | | 90 |
| 95 | 38.4 | 36.4 | | 28.6 | 27.8 | | 21.7 | | | 15.3 | | | 8.9 | | 3.8 | | 95 |
| 100 | 38.4 | 35.8 | | 28.6 | 27.8 | | 21.7 | 20.7 | | 15.2 | | | 8.8 | | 3.8 | | 100 |
| 105 | 38.4 | 35.1 | | 28.6 | 27.6 | | 21.7 | 20.5 | | 15.2 | | | 8.8 | | 3.7 | | 105 |
| 110 | 38.4 | 34.2 | | 28.6 | 27.2 | | 21.7 | 20.1 | | 15.2 | 13.9 | | 8.7 | | 3.7 | | 110 |
| 115 | | 33.4 | 29.6 | 28.6 | 26.7 | | 21.7 | 19.7 | | 15.2 | 13.8 | | 8.7 | 7.5 | 3.7 | | 115 |
| 120 | | 32.6 | 28.9 | | 26.1 | 22.7 | | 19.3 | | | 13.7 | | 8.7 | 7.5 | 3.7 | | 120 |
| 125 | | 31.9 | 27.7 | | 25.6 | 22.6 | | 18.9 | | | 13.6 | | | 7.5 | | | 125 |
| 130 | | 31.2 | 26.7 | | 25.1 | 21.8 | | 18.5 | | | 13.3 | | | 7.4 | | | 130 |
| 135 | | | 25.8 | | 24.7 | 21 | | 18.1 | 15 | | 13 | | | 7.4 | | | 135 |
| 140 | | | 25 | | | 20.3 | | | 14.6 | | 12.7 | 9.7 | | 7.4 | | | 140 |
| 145 | | | | | 19.6 | | | | 14 | | | 9.6 | | 7.3 | | | 145 |
| 150 | | | | | 19 | | | | 13.5 | | | 9.2 | | 7.3 | | | 150 |
| 155 | | | | | | | | | 13 | | | 8.8 | | | 5.5 | | 155 |
| 160 | | | | | | | | | | | | 8.4 | | | 5.4 | | 160 |
| 165 | | | | | | | | | | | | | | | 5.2 | | 165 |
| 170 | | | | | | | | | | | | | | | 4.9 | | 170 |

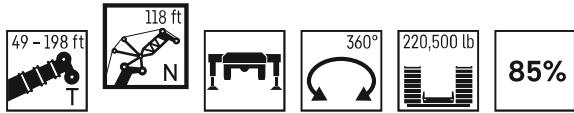
* adapter - pièce d'adaptateur

t_180_54405_00_000

Lifting capacities

Forces de levage

TN 118 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|-----|-----|----------------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 50 | 61.8 | | | 57.6 | | | | | | | | | | | | 50 |
| 55 | 61.3 | | | 57.3 | | | 52.3 | | | | | | 39.8 | | | 55 |
| 60 | 60.3 | | | 57 | | | 52 | | | | | | 39.8 | | | 60 |
| 65 | 59.2 | | | 57 | | | 51.7 | | | | | | 39.5 | | | 65 |
| 70 | 58.1 | 57.4 | | 56.3 | | | 51.5 | | | | | | 39.4 | | | 70 |
| 75 | 57.2 | 56.5 | | 55.6 | 54.9 | | 51.4 | | | | | | 39.3 | | | 75 |
| 80 | 56.4 | 55.4 | | 55 | 54.1 | | 51.3 | 50.2 | | | | | 39.2 | | | 80 |
| 85 | 55.6 | 54.3 | | 54.3 | 53.3 | | 51.1 | 50.1 | | | | | 39.2 | | | 85 |
| 90 | 55.1 | 53.4 | 52.7 | 53.9 | 52.4 | | 50.7 | 49.6 | | | | | 39.1 | 38 | | 90 |
| 95 | 54.2 | 52.5 | 51.8 | 53.5 | 51.7 | 51 | 50.4 | 49 | | | | | 39.1 | 37.9 | | 95 |
| 100 | 52.9 | 51.8 | 50.7 | 52.6 | 51.1 | 50.4 | 49.8 | 48.5 | 47.6 | | | | 39.1 | 37.8 | | 100 |
| 105 | 51.3 | 51.3 | 49.8 | 51.1 | 50.6 | 49.5 | 48.8 | 48.1 | 47.3 | | | | 39.1 | 37.7 | | 105 |
| 110 | 49.7 | 50.6 | 49 | 49.6 | 50.3 | 48.7 | 47.4 | 47.7 | 46.6 | | | | 39.1 | 37.7 | | 110 |
| 115 | 48 | 49.6 | 48.5 | 48.1 | 49.6 | 48.1 | 46.1 | 47.5 | 46 | | | | 39.1 | 37.7 | | 115 |
| 120 | | 48.3 | 48.1 | 46.7 | 48.5 | 47.7 | 44.8 | 47 | 45.5 | | | | 39.1 | 37.7 | 36.9 | 120 |
| 125 | | 46.8 | 47.8 | | 47.3 | 47.2 | | 45.8 | 44.9 | | | | 39.1 | 37.7 | 37.1 | 125 |
| 130 | | | 46.8 | | 46 | 45 | | 44.6 | 42.8 | | | | 39.1 | 37.7 | 37.2 | 130 |
| 135 | | | | | | 42.9 | | 43.5 | 40.8 | | | | | 37.7 | 35.9 | 135 |
| 140 | | | | | | | | | 39 | | | | | 37.6 | 34.3 | 140 |
| 145 | | | | | | | | | 37.2 | | | | | 34.6 | 32.7 | 145 |
| 150 | | | | | | | | | | | | | | 33.1 | 31.3 | 150 |
| 155 | | | | | | | | | | | | | | 31.7 | 30 | 155 |
| 160 | | | | | | | | | | | | | | | 28.7 | 160 |

* adapter - pièce d'adaptateur

t_180_54505_00_000

| | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | | 198 ft + 11 ft 6 in* | | | |
|-----|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|-----|-----|----------------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 65 | 31.8 | | | | | | | | | | | | | | | 65 |
| 70 | 31.7 | | | 23.2 | | | 17.9 | | | | | | | | | 70 |
| 75 | 31.5 | | | 23.1 | | | 17.8 | | | 11.6 | | | 5.9 | | | 75 |
| 80 | 31.4 | | | 23 | | | 17.7 | | | 11.5 | | | 5.8 | | | 80 |
| 85 | 31.3 | | | 22.9 | | | 17.6 | | | 11.3 | | | 5.7 | | | 85 |
| 90 | 31.3 | | | 22.8 | | | 17.6 | | | 11.2 | | | 5.6 | | | 90 |
| 95 | 31.3 | 30.1 | | 22.8 | | | 17.5 | | | 11.1 | | | 5.5 | | | 95 |
| 100 | 31.3 | 30.1 | | 22.8 | | | 17.5 | | | 11 | | | 5.5 | | | 100 |
| 105 | 31.3 | 30 | | 22.8 | 22.1 | | 17.4 | | | 10.9 | | | 5.4 | | | 105 |
| 110 | 31.3 | 29.7 | | 22.8 | 22.1 | | 17.4 | 16.3 | | 10.9 | | | 5.4 | | | 110 |
| 115 | 31.3 | 29.4 | | 22.8 | 22.2 | | 17.3 | 16.2 | | 10.8 | 9.7 | | 5.3 | | | 115 |
| 120 | 31.3 | 29 | | 22.8 | 22.1 | | 17.3 | 16.1 | | 10.8 | 9.6 | | 5.3 | 4.2 | | 120 |
| 125 | 31.3 | 28.5 | | 22.8 | 22 | | 17.3 | 16 | | 10.7 | 9.6 | | 5.3 | 4.2 | | 125 |
| 130 | 31.3 | 28 | 25.1 | 22.8 | 21.7 | | 17.3 | 15.9 | | 10.7 | 9.5 | | 5.3 | 4.1 | | 130 |
| 135 | | 27.4 | 24.3 | 22.8 | 21.4 | 18.9 | 17.3 | 15.7 | | 10.7 | 9.4 | | 5.3 | 4.1 | | 135 |
| 140 | | 26.9 | 23.4 | | 21.1 | 18.5 | | 15.4 | | | 9.4 | | 5.3 | 4.1 | | 140 |
| 145 | | 26.4 | 22.6 | | 20.7 | 17.9 | | 15.1 | | | 9.4 | | | 4.1 | | 145 |
| 150 | | 26 | 21.9 | | 20.4 | 17.4 | | 14.8 | | | 9.4 | | | 4 | | 150 |
| 155 | | | 21.2 | | 20.2 | 16.8 | | 14.5 | 11.8 | | 9.4 | 7.5 | | 4 | | 155 |
| 160 | | | 20.6 | | | 16.3 | | | 11.3 | | 9.4 | 7.3 | | 4 | | 160 |
| 165 | | | | | | 15.8 | | | 10.9 | | | 7 | | 4 | | 165 |
| 170 | | | | | | 15.4 | | | 10.5 | | | 6.7 | | 4 | | 170 |
| 175 | | | | | | | | | 10.1 | | | 6.4 | | | 3.5 | 175 |
| 180 | | | | | | | | | | | | 6.2 | | | 3.5 | 180 |
| 185 | | | | | | | | | | | | | | | 3.4 | 185 |
| 190 | | | | | | | | | | | | | | | 3.2 | 190 |

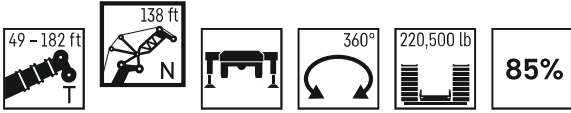
* adapter - pièce d'adaptateur

t_180_54505_00_000

Lifting capacities

Forces de levage

TN 138 - 157 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 55 | 49.1 | | | 46.2 | | | | | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 48.7 | | | 46 | | | | | | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 48.7 | | | 45.6 | | | | | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 48.2 | | | 45.3 | | | | | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | 47.5 | 46.8 | | 45 | | | | | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 46.8 | 46.5 | | 44.9 | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 46 | 45.6 | | 44.7 | 44.1 | | | | | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 45.3 | 44.8 | | 44.1 | 43.6 | | | | | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 44.3 | 44.1 | | 43.5 | 43 | | | | | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 43.2 | 43.3 | 42.8 | 42.7 | 42.5 | | | | | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 41.6 | 42.4 | 42.2 | 41.5 | 41.9 | | | | | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 40.1 | 41.5 | 41.5 | 40.1 | 41.2 | 41 | | | | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 38.6 | 40.3 | 40.8 | 38.7 | 40.4 | 40.4 | 38.2 | 39 | 38.5 | 35.7 | 34.6 | | | | | | | | | | | | | | | | | 115 |
| 120 | 37.2 | 38.9 | 39.9 | 37.3 | 39.3 | 39.8 | 37 | 38.6 | 38.1 | 35.5 | 34.6 | | | | | | | | | | | | | | | | | 120 |
| 125 | 35.9 | 37.5 | 38.9 | 36 | 38 | 39.2 | 35.9 | 38 | 37.7 | 34.8 | 34.6 | 33.9 | | | | | | | | | | | | | | | | 125 |
| 130 | 34.6 | 36.2 | 37.6 | 34.8 | 36.7 | 38.3 | 34.7 | 36.8 | 37.3 | 33.9 | 34.6 | 34 | | | | | | | | | | | | | | | | 130 |
| 135 | 33.5 | 34.9 | 36.4 | 33.7 | 35.5 | 37.2 | 33.7 | 35.7 | 36.8 | 33 | 34.5 | 33.9 | | | | | | | | | | | | | | | | 135 |
| 140 | | 33.7 | 35.1 | 32.7 | 34.3 | 36.1 | 32.7 | 34.6 | 36.2 | 32.2 | 34.1 | 33.7 | | | | | | | | | | | | | | | | 140 |
| 145 | | 32.7 | 33.9 | | 33.2 | 34.9 | | 33.6 | 35.5 | | 33.2 | 33.5 | | | | | | | | | | | | | | | | 145 |
| 150 | | | 32.8 | | 32.3 | 33.8 | | 32.6 | 34.4 | | 32.4 | 32.5 | | | | | | | | | | | | | | | | 150 |
| 155 | | | | | | 32.8 | | 31.7 | 33.4 | | 31.6 | 31.2 | | | | | | | | | | | | | | | | 155 |
| 160 | | | | | | | | | 32.3 | | 30.9 | 29.9 | | | | | | | | | | | | | | | | 160 |
| 165 | | | | | | | | | 30.9 | | | 28.6 | | | | | | | | | | | | | | | | 165 |
| 170 | | | | | | | | | | | | 27.5 | | | | | | | | | | | | | | | | 170 |
| 175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 180 |
| 185 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 185 |
| 190 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 190 |
| 195 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 195 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |

* adapter - pièce d'adaptateur

180_54605_00_000



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | | 182 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 65 | 39.3 | | | 37.1 | | | | | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 38.9 | | | 36.8 | | | | | | | | | | | | | | | | | | | | | | | | 70 |
| 75 | 38.6 | | | 36.5 | | | | | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 38.4 | | | 36.2 | | | | | | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 38.2 | | | 36 | | | | | | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 37.9 | 37.5 | | 35.8 | 35.1 | | | | | | | | | | | | | | | | | | | | | | | 90 |
| 95 | 37.5 | 37 | | 35.7 | 35 | | | | | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 37.1 | 36.5 | | 35.6 | 34.9 | | | | | | | | | | | | | | | | | | | | | | | 100 |
| 105 | 36.6 | 36 | | 35.4 | 34.9 | | | | | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 36.3 | 35.5 | 34.8 | 35.3 | 34.6 | | | | | | | | | | | | | | | | | | | | | | | 110 |
| 115 | 36 | 35.1 | 34.5 | 35.2 | 34.3 | 33.6 | 32.7 | 31.8 | | | | | | | | | | | | | | | | | | | | 115 |
| 120 | 35.8 | 34.7 | 34.2 | 35 | 34 | 33.4 | 32.7 | 31.8 | | | | | | | | | | | | | | | | | | | | 120 |
| 125 | 35.7 | 34.3 | 33.7 | 34.9 | 33.7 | 33.1 | 32.7 | 31.8 | 31.1 | 28.8 | 27.8 | | | | | | | | | | | | | | | | | 125 |
| 130 | 35.7 | 34.1 | 33.2 | 34.8 | 33.4 | 32.7 | 32.7 | 31.6 | 31.1 | 28.8 | 27.8 | 27.2 | | | | | | | | | | | | | | | | 130 |
| 135 | 35.7 | 33.8 | 32.9 | 34.8 | 33.2 | 32.4 | 32.7 | 31.5 | 30.9 | 28.8 | 27.8 | 27.1 | | | | | | | | | | | | | | | | 135 |
| 140 | 35.7 | 33.7 | 32.6 | 34.8 | 33 | 32 | 32.7 | 31.4 | 30.6 | 28.8 | 27.8 | 27 | | | | | | | | | | | | | | | | 140 |
| 145 | 35.6 | 33.7 | 32.3 | 34.8 | 32.9 | 31.7 | 32.6 | 31.4 | 30.3 | 28.8 | 27.8 | 27 | | | | | | | | | | | | | | | | 145 |
| 150 | 35.2 | 33.7 | 32 | 34.8 | 32.9 | 31.5 | 32.6 | 31.3 | 30.1 | 28.8 | 27.8 | 27 | | | | | | | | | | | | | | | | 150 |
| 155 | | 33.4 | | 34.8 | 32.9 | 31.3 | 32.6 | 31.3 | 30 | 28.8 | 27.8 | 27 | | | | | | | | | | | | | | | | 155 |
| 160 | | 33.7 | 32 | 34.8 | 32.9 | 31.3 | 32.6 | 31.3 | 29.9 | 28.8 | 27.8 | 27 | | | | | | | | | | | | | | | | 160 |
| 165 | | 33.1 | 32 | | 32.9 | 31.2 | | 31.3 | 29.7 | | 27.8 | 27 | | | | | | | | | | | | | | | | 165 |
| 170 | | | 32 | | 32.9 | 30.9 | | 31.3 | 29.1 | | 27.8 | 26.7 | | | | | | | | | | | | | | | | 170 |
| 175 | | | | | | 29.8 | | 30.5 | 28 | | 27.8 | 25.8 | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | | | | | 26.9 | | 27.5 | 24.8 | | | | | | | | | | | | | | | | 180 |
| 185 | | | | | | | | | 25.9 | | | 23.8 | | | | | | | | | | | | | | | | 185 |
| 190 | | | | | | | | | | | | 22.9 | | | | | | | | | | | | | | | | 190 |
| 195 | | | | | | | | | | | | 22 | | | | | | | | | | | | | | | | 195 |
| 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 200 |
| 205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 205 |
| 210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 210 |
| 215 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 220 |

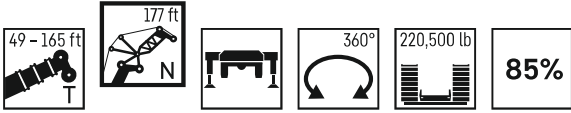
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 177 - 197 ft



| Height | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | |
|--------|---------------------|------|------|---------------------|-----|-----|---------------------|-----|------|---------------------|-----|-----|----------------------|------|-----|----------------------|-----|-----|----------------------|-----|------|----------------------|-----|-----|
| | N 177 ft | | | | | | | | | | | | | | | | | | | | | | | |
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° |
| 70 | 31.8 | | | 29.9 | | | 27 | | | | | | | | | | | | | | | | | 70 |
| 75 | 31.5 | | | 29.7 | | | 27 | | | 24.2 | | | | 21.4 | | | | | | | | | | 75 |
| 80 | 31.2 | | | 29.5 | | | 27 | | | 24.1 | | | | 21.3 | | | | | | | | | | 80 |
| 85 | 30.9 | | | 29.3 | | | 26.9 | | | 23.9 | | | | 21.2 | | | | | 17.2 | | | 11.7 | | 85 |
| 90 | 30.6 | | | 29.1 | | | 26.8 | | | 23.7 | | | | 21 | | | | | 17.1 | | | 11.6 | | 90 |
| 95 | 30.5 | 30.1 | | 28.9 | | | 26.7 | | | 23.6 | | | | 20.9 | | | | | 17.1 | | | 11.4 | | 95 |
| 100 | 30.4 | 30 | | 28.7 | | | 26.5 | | 26 | 23.4 | | | | 20.7 | | | | | 17 | | | 11.3 | | 100 |
| 105 | 30.3 | 30 | | 28.5 | | | 26.4 | | 26 | 23.4 | | | | 20.6 | | | | | 16.9 | | | 11.2 | | 105 |
| 110 | 30 | 29.6 | | 28.5 | | | 26.3 | | 25.8 | 23.3 | | | | 20.6 | | | | | 16.8 | | | 11 | | 110 |
| 115 | 29.7 | 29.3 | | 28.5 | | | 26.2 | | 25.7 | 23.3 | | | 22.8 | | | | | | 16.7 | | | 10.9 | | 115 |
| 120 | 29.5 | 28.9 | 28.2 | 28.4 | | | 26.1 | | 25.5 | 23.2 | | | 22.6 | | | | | | 16.6 | | 15.8 | 10.8 | | 120 |
| 125 | 29.3 | 28.6 | 28 | 28.4 | | | 26 | | 25.4 | 23.2 | | | 22.5 | | | | | | 16.5 | | 15.7 | 10.7 | | 125 |
| 130 | 29.1 | 28.3 | 27.8 | 28.3 | | | 27.6 | | 27.1 | 23.2 | | | 22.5 | | | | | | 16.4 | | 15.6 | 10.6 | 9.9 | 130 |
| 135 | 28.9 | 28 | 27.5 | 28.2 | | | 27.4 | | 26.9 | 23.2 | | | 22.4 | | | | | | 16.3 | | 15.5 | 10.5 | 9.8 | 135 |
| 140 | 28.8 | 27.7 | 27.1 | 28.1 | | | 27.2 | | 26.7 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.4 | 10.4 | 9.7 | 140 |
| 145 | 28.7 | 27.5 | 26.8 | 28.1 | | | 27 | | 26.4 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.7 | 145 |
| 150 | 28.8 | 27.3 | 26.5 | 28 | | | 26.9 | | 26.2 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 150 |
| 155 | 28.8 | 27.2 | 26.2 | 27.9 | | | 26.8 | | 26 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 155 |
| 160 | 28.8 | 27.2 | 26 | 27.9 | | | 26.7 | | 25.8 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 160 |
| 165 | 28.8 | 27.2 | 25.9 | 27.9 | | | 26.7 | | 25.6 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 165 |
| 170 | 28.8 | 27.2 | 25.8 | 27.9 | | | 26.7 | | 25.4 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 170 |
| 175 | 27.3 | 27.2 | 25.8 | 27.9 | | | 26.7 | | 25.4 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 175 |
| 180 | | 27.2 | 25.8 | 26.9 | | | 26.7 | | 25.3 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 180 |
| 185 | | 26.7 | 25.8 | | | | 26.7 | | 25.3 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 185 |
| 190 | | | 25.8 | | | | 26.7 | | 25.3 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 190 |
| 195 | | | | | | | 26.7 | | 24.8 | 23.2 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 195 |
| 200 | | | | | | | | | | 22.7 | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 200 |
| 205 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 205 |
| 210 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 210 |
| 215 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 215 |
| 220 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 220 |
| 225 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 225 |
| 230 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 230 |
| 235 | | | | | | | | | | | | | 22.3 | | | | | | 16.2 | | 15.3 | 10.4 | 9.6 | 235 |

* adapter - pièce d'adaptateur

180_54805_00_000



| Height | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | 165 ft + 11 ft 6 in* | | |
|--------|---------------------|------|------|---------------------|-----|-----|---------------------|-----|-----|---------------------|-----|-----|----------------------|------|-----|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|-----|
| | N 197 ft | | | | | | | | | | | | | | | | | | | | | | | |
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° |
| 75 | 25.4 | | | 23.9 | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 25.1 | | | 23.8 | | | | | | | | | | | | | | | | | | | | 80 |
| 85 | 24.9 | | | 23.6 | | | | | | 22.1 | | | | 19.4 | | | | | | | | | | 85 |
| 90 | 24.7 | | | 23.4 | | | | | | 21.9 | | | | 19.2 | | | | | | | | | | 90 |
| 95 | 24.4 | | | 23.2 | | | | | | 21.7 | | | | 19.1 | | | | | | | | | | 95 |
| 100 | 24.2 | | | 23.1 | | | | | | 21.3 | | | | 18.9 | | | | | | | | | | 100 |
| 105 | 24 | 23.8 | | 22.9 | | | | | | 21.2 | | | | 18.8 | | | | | | | | | | 105 |
| 110 | 23.9 | 23.6 | | 22.7 | | | | | | 21.1 | | | | 18.7 | | | | | | | | | | 110 |
| 115 | 23.7 | 23.5 | | 22.6 | | | | | | 21 | | | | 18.6 | | | | | | | | | | 115 |
| 120 | 23.6 | 23.4 | | 22.5 | | | | | | 20.9 | | | | 18.5 | | | | | | | | | | 120 |
| 125 | 23.5 | 23.3 | | 22.4 | | | | | | 20.8 | | | | 18.5 | | | | | | | | | | 125 |
| 130 | 23.4 | 23.1 | 22.4 | 22.3 | | | | | | 20.7 | | | | 18.4 | | | | | | | | | | 130 |
| 135 | 23.3 | 22.8 | 22.3 | 22.2 | | | | | | 20.6 | | | | 18.4 | | | | | | | | | | 135 |
| 140 | 23.2 | 22.6 | 22.1 | 22.1 | | | | | | 20.6 | | | | 18.3 | | | | | | | | | | 140 |
| 145 | 23 | 22.4 | 22 | 22.1 | | | | | | 20.5 | | | | 18.3 | | | | | | | | | | 145 |
| 150 | 22.9 | 22.2 | 21.8 | 22.1 | | | | | | 20.5 | | | | 18.3 | | | | | | | | | | 150 |
| 155 | 22.8 | 22 | 21.6 | 22.1 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 155 |
| 160 | 22.8 | 21.9 | 21.3 | 22 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 160 |
| 165 | 22.8 | 21.8 | 21.1 | 22 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 165 |
| 170 | 22.8 | 21.7 | 20.8 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 170 |
| 175 | 22.8 | 21.7 | 20.7 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 175 |
| 180 | 22.8 | 21.7 | 20.6 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 180 |
| 185 | 22.8 | 21.7 | 20.5 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 185 |
| 190 | 22.7 | 21.7 | 20.5 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 190 |
| 195 | 21.3 | 21.7 | 20.5 | 21.9 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 195 |
| 200 | | 21.7 | 20.5 | 21.1 | | | | | | 20.4 | | | | 18.3 | | | | | | | | | | 200 |
| 205 | | | 20.5 | | | | | | | 20.3 | | | | 17.6 | | | | | | | | | | 205 |
| 210 | | | 20.5 | | | | | | | 20.3 | | | | 17.6 | | | | | | | | | | 210 |
| 215 | | | | | | | | | | 20.3 | | | | 17.6 | | | | | | | | | | 215 |
| 220 | | | | | | | | | | 20.3 | | | | 17.6 | | | | | | | | | | 220 |
| 225 | | | | | | | | | | | | | | 17.6 | | | | | | | | | | 225 |
| 230 | | | | | | | | | | | | | | 17.6 | | | | | | | | | | 230 |
| 235 | | | | | | | | | | | | | | 17.6 | | | | | | | | | | 235 |
| 240 | | | | | | | | | | | | | | 17.6 | | | | | | | | | | 240 |
| 245 | | | | | | | | | | | | | | 17.6 | | | | | | | | | | 245 |

* adapter - pièce d'adaptateur

180_54905_00_000

Lifting capacities

Forces de levage

TN 217 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | 149 ft + 11 ft 6 in* | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|-----|-----|----------------------|-----|-----|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | | |
| 85 | 20.3 | | | 19.3 | | | 17.9 | | | | | | | | | | | | | | | 85 | | |
| 90 | 20.2 | | | 19.1 | | | 17.7 | | | 15.6 | | | 13.4 | | | | | | | | | 90 | | |
| 95 | 20 | | | 18.9 | | | 17.5 | | | 15.5 | | | 13.4 | | | 9.1 | | | | 4.4 | | 95 | | |
| 100 | 19.8 | | | 18.7 | | | 17.4 | | | 15.4 | | | 13.3 | | | 8.9 | | | | 4.3 | | 100 | | |
| 105 | 19.6 | | | 18.6 | | | 17.2 | | | 15.2 | | | 13.1 | | | 8.8 | | | | 4.2 | | 105 | | |
| 110 | 19.4 | | | 18.5 | | | 17 | | | 15.1 | | | 13 | | | 8.6 | | | | 4.1 | | 110 | | |
| 115 | 19.2 | 19 | | 18.3 | | | 16.9 | | | 15 | | | 12.8 | | | 8.5 | | | | 4 | | 115 | | |
| 120 | 19.1 | 18.9 | | 18.2 | 18 | | 16.8 | | | 14.9 | | | 12.7 | | | 8.4 | | | | 3.9 | | 120 | | |
| 125 | 19 | 18.7 | | 18.1 | 17.8 | | 16.8 | 16.5 | | 14.8 | | | 12.5 | | | 8.3 | | | | 3.8 | | 125 | | |
| 130 | 18.9 | 18.6 | | 18 | 17.7 | | 16.7 | 16.4 | | 14.7 | 14.4 | | 12.4 | 11.9 | | 8.2 | | | | 3.8 | | 130 | | |
| 135 | 18.8 | 18.5 | | 17.8 | 17.5 | | 16.6 | 16.3 | | 14.6 | 14.3 | | 12.3 | 11.8 | | 8.1 | 7.5 | | | 3.7 | | 135 | | |
| 140 | 18.7 | 18.4 | | 17.7 | 17.4 | | 16.5 | 16.2 | | 14.6 | 14.2 | | 12.3 | 11.7 | | 8.1 | 7.4 | | | 3.6 | 3 | 140 | | |
| 145 | 18.6 | 18.3 | 17.9 | 17.6 | 17.3 | | 16.4 | 16.1 | | 14.6 | 14.2 | | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3 | 145 | | |
| 150 | 18.6 | 18.2 | 17.8 | 17.5 | 17.1 | 16.8 | 16.4 | 16 | | 14.5 | 14.1 | | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3 | 150 | | |
| 155 | 18.5 | 18 | 17.7 | 17.5 | 17.1 | 16.8 | 16.3 | 15.9 | | 14.5 | 14.1 | | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3.1 | 155 | | |
| 160 | 18.4 | 17.9 | 17.6 | 17.5 | 17.1 | 16.8 | 16.3 | 15.8 | 15.6 | 14.5 | 14 | | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3.2 | 160 | | |
| 165 | 18.3 | 17.8 | 17.5 | 17.4 | 17.1 | 16.8 | 16.2 | 15.8 | 15.5 | 14.5 | 14 | 13.7 | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3.3 | 165 | | |
| 170 | 18.3 | 17.6 | 17.3 | 17.4 | 17.1 | 16.8 | 16.2 | 15.7 | 15.4 | 14.5 | 14 | 13.6 | 12.3 | 11.7 | | 8.1 | 7.3 | | | 3.6 | 3.3 | 170 | | |
| 175 | 18.3 | 17.5 | 17.1 | 17.4 | 17.1 | 16.7 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.5 | 12.3 | 11.7 | 11.7 | 8.1 | 7.3 | | | 3.6 | 3.4 | 175 | | |
| 180 | 18.2 | 17.4 | 17 | 17.4 | 17 | 16.7 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.5 | 12.3 | 11.7 | 11.7 | 8.1 | 7.3 | | | 3.6 | 3.5 | 180 | | |
| 185 | 18.2 | 17.4 | 16.8 | 17.4 | 17 | 16.6 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.7 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.6 | 185 | | |
| 190 | 18.1 | 17.4 | 16.7 | 17.4 | 17 | 16.5 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.7 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.6 | 190 | | |
| 195 | 18.1 | 17.4 | 16.6 | 17.4 | 17 | 16.4 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.7 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.7 | 3.3 | 195 | |
| 200 | 18.1 | 17.4 | 16.5 | 17.4 | 17 | 16.3 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.8 | 3.3 | 200 | |
| 205 | 18.1 | 17.4 | 16.5 | 17.4 | 17 | 16.3 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.8 | 3.4 | 205 | |
| 210 | 18.1 | 17.4 | 16.5 | 17.4 | 17 | 16.2 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.8 | 3.6 | 210 | |
| 215 | 17.5 | 17.4 | 16.5 | 17.4 | 17 | 16.2 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.7 | 3.7 | 215 | |
| 220 | | 17.4 | 16.5 | 17.2 | 17 | 16.2 | 16.2 | 15.6 | 15.3 | 14.5 | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.7 | 3.7 | 220 | |
| 225 | | | 16.5 | | 17 | 16.2 | | 15.6 | 15.3 | | 13.9 | 13.4 | 12.3 | 11.7 | 11.6 | 8.1 | 7.3 | 7.5 | | 3.6 | 3.7 | 3.8 | 225 | |
| 230 | | | 16.5 | | | 16.2 | | 15.6 | 15.3 | | 13.9 | 13.4 | | 11.7 | 11.6 | | 7.3 | 7.5 | | | 3.7 | 3.8 | 230 | |
| 235 | | | | | | 16.2 | | 15.6 | 15.3 | | 13.9 | 13.4 | | 11.7 | 11.6 | | 7.3 | 7.5 | | | 3.7 | 3.8 | 235 | |
| 240 | | | | | | | | | 15.3 | | 13.9 | 13.4 | | 11.7 | 11.6 | | 7.3 | 7.3 | | | 3.7 | 3.7 | 240 | |
| 245 | | | | | | | | | | | | 13.3 | | | 11.6 | | 7.3 | 7.1 | | | 3.7 | 3.7 | 245 | |
| 250 | | | | | | | | | | | | | | | 11.6 | | | 6.9 | | | 3.7 | 3.7 | 250 | |
| 255 | | | | | | | | | | | | | | | | 11.5 | | | | | 3.7 | 3.7 | 255 | |
| 260 | | | | | | | | | | | | | | | | | | 6.7 | | | | 3.7 | 3.7 | 260 |
| 265 | | | | | | | | | | | | | | | | | | 6.5 | | | | 3.7 | 3.7 | 265 |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TN 236 ft



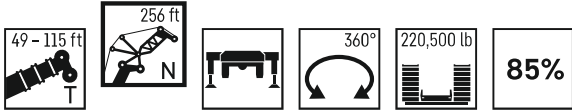
| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | 132 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|-----|-----|----------------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 90 | 15.9 | | | 15.1 | | | 13.9 | | | 12.2 | | | 10 | | | | | | 90 |
| 95 | 15.8 | | | | | | | | | | | | | | | | | | 95 |
| 100 | 15.7 | | | 15 | | | 13.9 | | | 12.1 | | | 10 | | | 6.2 | | | 100 |
| 105 | 15.6 | | | 14.8 | | | 13.7 | | | 12 | | | 9.8 | | | 6 | | | 105 |
| 110 | 15.4 | | | 14.6 | | | 13.6 | | | 11.9 | | | 9.7 | | | 5.9 | | | 110 |
| 115 | 15.3 | | | 14.5 | | | 13.4 | | | 11.8 | | | 9.5 | | | 5.8 | | | 115 |
| 120 | 15.1 | | | 14.4 | | | 13.3 | | | 11.7 | | | 9.4 | | | 5.7 | | | 120 |
| 125 | 15 | 14.5 | | 14.2 | 13.7 | | 13.2 | | | 11.6 | | | 9.3 | | | 5.6 | | | 125 |
| 130 | 14.8 | 14.5 | | 14.1 | 13.7 | | 13 | | | 11.5 | | | 9.1 | | | 5.5 | | | 130 |
| 135 | 14.7 | 14.5 | | 14 | 13.7 | | 12.9 | 12.7 | | 11.4 | | | 9 | | | 5.4 | | | 135 |
| 140 | 14.6 | 14.4 | | 13.9 | 13.7 | | 12.9 | 12.6 | | 11.3 | 11 | | 8.9 | | | 5.4 | | | 140 |
| 145 | 14.5 | 14.3 | | 13.8 | 13.6 | | 12.8 | 12.6 | | 11.3 | 10.9 | | 8.8 | 8.5 | | 5.3 | | | 145 |
| 150 | 14.4 | 14.2 | | 13.7 | 13.5 | | 12.7 | 12.5 | | 11.2 | 10.9 | | 8.8 | 8.5 | | 5.3 | | | 150 |
| 155 | 14.3 | 14.1 | | 13.6 | 13.4 | | 12.6 | 12.4 | | 11.2 | 10.8 | | 8.8 | 8.6 | | 5.3 | 4.9 | | 155 |
| 160 | 14.2 | 14 | 13.6 | 13.5 | 13.3 | | 12.6 | 12.3 | | 11.1 | 10.8 | | 8.8 | 8.6 | | 5.3 | 4.9 | | 160 |
| 165 | 14.1 | 13.9 | 13.6 | 13.4 | 13.2 | 12.8 | 12.5 | 12.2 | | 11.1 | 10.7 | | 8.8 | 8.6 | | 5.3 | 5 | | 165 |
| 170 | 14.1 | 13.8 | 13.6 | 13.4 | 13.1 | 12.8 | 12.5 | 12.2 | 11.8 | 11.1 | 10.7 | | 8.8 | 8.6 | | 5.3 | 5 | | 170 |
| 175 | 14.1 | 13.7 | 13.6 | 13.3 | 13.1 | 12.8 | 12.5 | 12.1 | 11.8 | 11 | 10.7 | | 8.8 | 8.6 | | 5.3 | 5.1 | | 175 |
| 180 | 14.1 | 13.6 | 13.5 | 13.3 | 13 | 12.8 | 12.4 | 12.1 | 11.8 | 11 | 10.6 | 10.3 | 8.8 | 8.6 | | 5.3 | 5.2 | | 180 |
| 185 | 14 | 13.6 | 13.3 | 13.2 | 12.9 | 12.7 | 12.4 | 12 | 11.8 | 11 | 10.6 | 10.3 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | | 185 |
| 190 | 14 | 13.5 | 13.2 | 13.2 | 12.9 | 12.7 | 12.4 | 11.9 | 11.7 | 11 | 10.5 | 10.3 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | | 190 |
| 195 | 14 | 13.5 | 13.1 | 13.2 | 12.9 | 12.7 | 12.4 | 11.9 | 11.6 | 11 | 10.5 | 10.2 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | 5 | 195 |
| 200 | 14 | 13.4 | 13 | 13.2 | 12.9 | 12.7 | 12.4 | 11.9 | 11.6 | 11 | 10.5 | 10.1 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.1 | 200 |
| 205 | 14 | 13.4 | 12.9 | 13.2 | 12.9 | 12.7 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10.1 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.2 | 205 |
| 210 | 14 | 13.4 | 12.8 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.3 | 210 |
| 215 | 14 | 13.4 | 12.7 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.3 | 215 |
| 220 | 14 | 13.4 | 12.7 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.4 | 220 |
| 225 | 14 | 13.4 | 12.7 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.4 | 5.4 | 225 |
| 230 | 14 | 13.4 | 12.7 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | 5.4 | 230 |
| 235 | 13.9 | 13.4 | 12.7 | 13.2 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | 5.4 | 235 |
| 240 | | 13.4 | 12.7 | 13 | 12.9 | 12.6 | 12.4 | 11.9 | 11.6 | 11 | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | 5.3 | 240 |
| 245 | | | 12.7 | | 12.9 | 12.6 | | 11.9 | 11.6 | | 10.4 | 10 | 8.8 | 8.6 | 8.6 | 5.3 | 5.3 | 5.3 | 245 |
| 250 | | | 12.7 | | | 12.6 | | 11.9 | 11.6 | | 10.4 | 10 | | 8.6 | 8.6 | | 5.3 | 5.3 | 250 |
| 255 | | | | | | 12.6 | | 11.9 | 11.6 | | 10.4 | 10 | | 8.6 | 8.6 | | 5.3 | 5.3 | 255 |
| 260 | | | | | | | | | 11.6 | | | 10 | | 8.6 | 8.6 | | 5.3 | 5.3 | 260 |
| 265 | | | | | | | | | | | | 10 | | 8.6 | 8.6 | | 5.3 | 5.3 | 265 |
| 270 | | | | | | | | | | | | | | 8.6 | 8.6 | | | 5.1 | 270 |
| 275 | | | | | | | | | | | | | | | 8.6 | | | 4.9 | 275 |
| 280 | | | | | | | | | | | | | | | | | | 4.8 | 280 |

* adapter - pièce d'adaptateur

Lifting capacities

Forces de levage

TN 256 ft



| | 49 ft + 11 ft 6 in* | | | 66 ft + 11 ft 6 in* | | | 82 ft + 11 ft 6 in* | | | 99 ft + 11 ft 6 in* | | | 115 ft + 11 ft 6 in* | | | |
|-----|---------------------|------|------|---------------------|------|-----|---------------------|-----|-----|---------------------|-----|-----|----------------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 95 | 12.5 | | | | | | | | | | | | | | | 95 |
| 100 | 12.4 | | | 11.7 | | | 10.7 | | | 9 | | | 6.6 | | | 100 |
| 105 | 12.4 | | | 11.7 | | | 10.7 | | | 8.9 | | | 6.5 | | | 105 |
| 110 | 12.3 | | | 11.6 | | | 10.6 | | | 8.7 | | | 6.4 | | | 110 |
| 115 | 12.1 | | | 11.5 | | | 10.6 | | | 8.6 | | | 6.3 | | | 115 |
| 120 | 12 | | | 11.3 | | | 10.5 | | | 8.4 | | | 6.1 | | | 120 |
| 125 | 11.9 | | | 11.2 | | | 10.4 | | | 8.3 | | | 6 | | | 125 |
| 130 | 11.7 | | | 11.1 | | | 10.2 | | | 8.2 | | | 5.9 | | | 130 |
| 135 | 11.6 | 11.2 | | 11 | | | 10.1 | | | 8.1 | | | 5.8 | | | 135 |
| 140 | 11.5 | 11.2 | | 10.9 | 10.5 | | 10 | 9.5 | | 8 | | | 5.7 | | | 140 |
| 145 | 11.4 | 11.2 | | 10.8 | 10.5 | | 9.9 | 9.6 | | 8 | 7.6 | | 5.7 | | | 145 |
| 150 | 11.3 | 11.1 | | 10.7 | 10.5 | | 9.8 | 9.6 | | 7.9 | 7.6 | | 5.7 | | | 150 |
| 155 | 11.2 | 11 | | 10.6 | 10.5 | | 9.8 | 9.5 | | 7.9 | 7.7 | | 5.7 | 5.4 | | 155 |
| 160 | 11 | 10.9 | | 10.5 | 10.4 | | 9.7 | 9.5 | | 7.9 | 7.7 | | 5.7 | 5.5 | | 160 |
| 165 | 10.9 | 10.8 | 10 | 10.4 | 10.3 | | 9.6 | 9.4 | | 7.9 | 7.8 | | 5.7 | 5.5 | | 165 |
| 170 | 10.8 | 10.7 | 10.2 | 10.4 | 10.2 | | 9.6 | 9.3 | | 7.9 | 7.8 | | 5.7 | 5.6 | | 170 |
| 175 | 10.8 | 10.6 | 10.2 | 10.3 | 10.1 | 9.4 | 9.5 | 9.3 | | 7.9 | 7.8 | | 5.7 | 5.6 | | 175 |
| 180 | 10.7 | 10.6 | 10.3 | 10.2 | 10 | 9.5 | 9.5 | 9.2 | 8.5 | 7.9 | 7.8 | | 5.7 | 5.7 | | 180 |
| 185 | 10.7 | 10.5 | 10.4 | 10.2 | 10 | 9.6 | 9.5 | 9.1 | 8.6 | 7.9 | 7.8 | 7.3 | 5.7 | 5.7 | | 185 |
| 190 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.4 | 9.1 | 8.6 | 7.9 | 7.8 | 7.4 | 5.7 | 5.8 | | 190 |
| 195 | 10.6 | 10.4 | 10.3 | 10.1 | 9.8 | 9.6 | 9.4 | 9 | 8.7 | 7.9 | 7.8 | 7.5 | 5.7 | 5.8 | | 195 |
| 200 | 10.6 | 10.4 | 10.2 | 10.1 | 9.8 | 9.5 | 9.4 | 8.9 | 8.6 | 7.9 | 7.7 | 7.5 | 5.7 | 5.8 | 5.6 | 200 |
| 205 | 10.6 | 10.3 | 10 | 10.1 | 9.7 | 9.4 | 9.4 | 8.9 | 8.6 | 7.9 | 7.7 | 7.5 | 5.7 | 5.9 | 5.7 | 205 |
| 210 | 10.6 | 10.3 | 9.9 | 10.1 | 9.7 | 9.4 | 9.4 | 8.8 | 8.6 | 7.9 | 7.7 | 7.5 | 5.7 | 5.9 | 5.8 | 210 |
| 215 | 10.6 | 10.2 | 9.8 | 10.1 | 9.7 | 9.4 | 9.4 | 8.8 | 8.6 | 7.9 | 7.7 | 7.4 | 5.7 | 5.9 | 5.8 | 215 |
| 220 | 10.5 | 10.2 | 9.7 | 10 | 9.7 | 9.4 | 9.4 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.9 | 5.8 | 220 |
| 225 | 10.4 | 10.2 | 9.7 | 10 | 9.7 | 9.4 | 9.4 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 225 |
| 230 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.3 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 230 |
| 235 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.3 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 235 |
| 240 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.3 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 240 |
| 245 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.2 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 245 |
| 250 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.2 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 250 |
| 255 | 10.3 | 10.1 | 9.6 | 9.9 | 9.7 | 9.4 | 9.2 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 255 |
| 260 | | 10.1 | 9.6 | | 9.7 | 9.4 | 9.2 | 8.8 | 8.5 | 7.9 | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 260 |
| 265 | | | 9.6 | | 9.7 | 9.4 | | 8.8 | 8.5 | | 7.7 | 7.4 | 5.7 | 5.8 | 5.8 | 265 |
| 270 | | | 9.6 | | | 9.4 | | 8.8 | 8.5 | | 7.7 | 7.4 | | 5.8 | 5.8 | 270 |
| 275 | | | | | | 9.4 | | 8.8 | 8.5 | | 7.7 | 7.4 | | 5.8 | 5.8 | 275 |
| 280 | | | | | | | | | 8.5 | | | 7.4 | | 5.8 | 5.8 | 280 |
| 285 | | | | | | | | | | | | 7.4 | | | 5.8 | 285 |
| 290 | | | | | | | | | | | | | | | 5.8 | 290 |
| 295 | | | | | | | | | | | | | | | 5.8 | 295 |

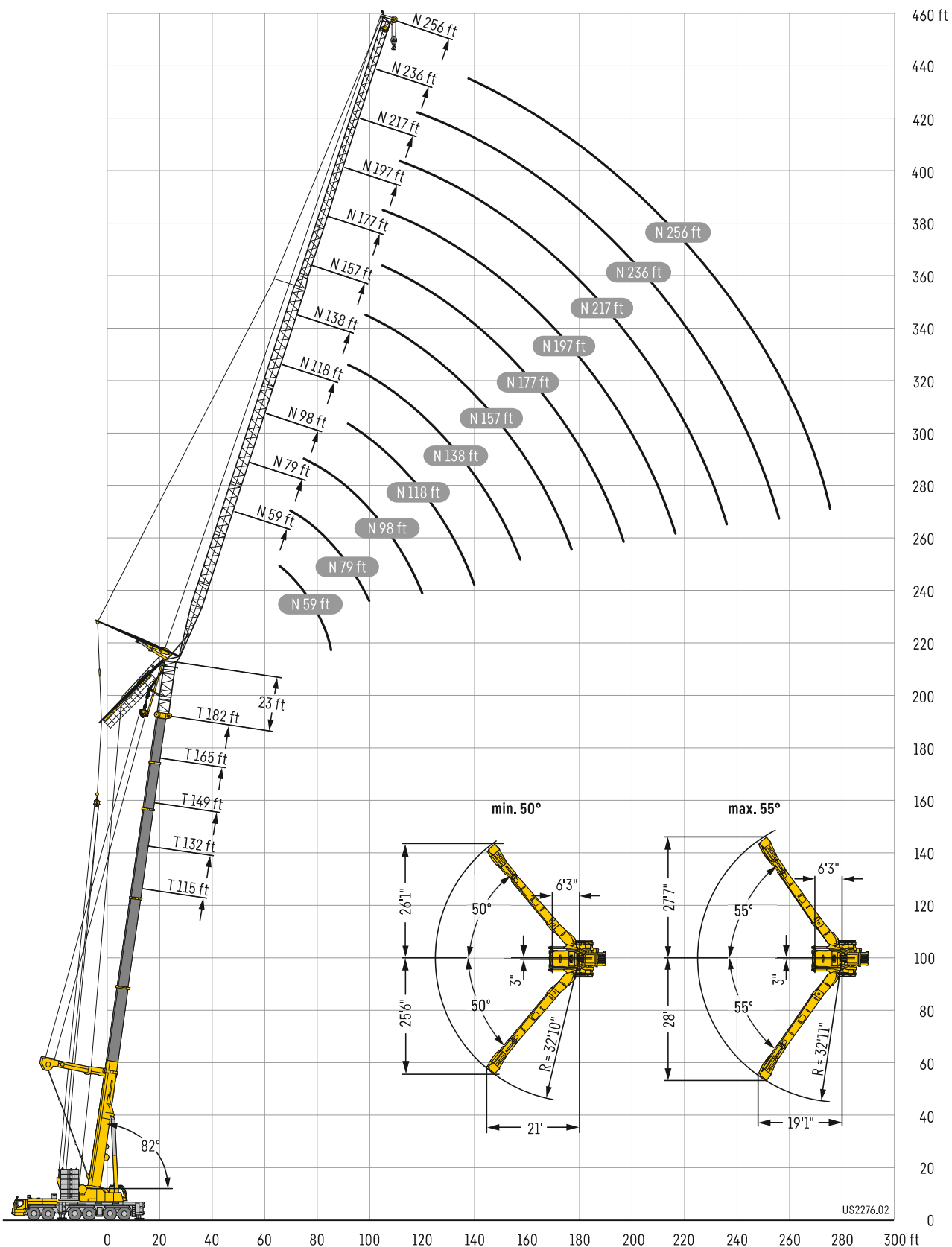
* adapter - pièce d'adaptateur

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Lifting heights

Hauteurs de levage

TYVEN



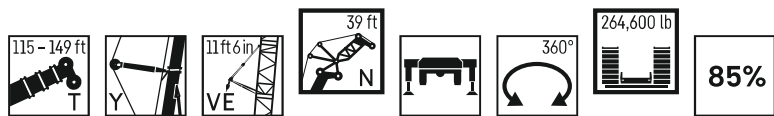
Angle of the Y-suspension between 50° and 55° depending on the extension condition of the individual telescopic sections
 Angle du haubanage Y entre 50° et 55°, en fonction de l'état de sortie des différents éléments télescopiques

US2276.02

Lifting capacities

Forces de levage

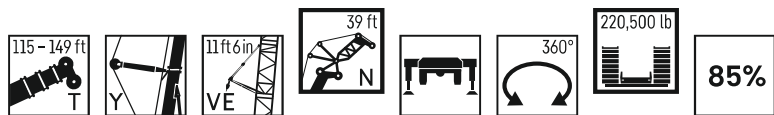
TYVEN 39 ft



| | 115 ft + 23 ft* | | 132 ft + 23 ft* | 149 ft + 23 ft* | |
|----|-----------------|-------|-----------------|-----------------|----|
| | N 39 ft** | | | | |
| | 82° | 75° | 82° | 82° | |
| 40 | 122.3 | | | | 40 |
| 42 | 124.9 | | | | 42 |
| 44 | 124.8 | | | | 44 |
| 46 | 123.3 | | 109.9 | | 46 |
| 48 | 120.3 | | 109.2 | | 48 |
| 50 | 117.4 | | 108.5 | 97.6 | 50 |
| 55 | | | 104.5 | 96.3 | 55 |
| 60 | | | | | 60 |
| 65 | | 100.1 | | | 65 |
| 70 | | 93.2 | | | 70 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in · pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in
 ** Hookblock with deadweight of 6615 lb necessary · Moufle à crochet de poids minimal de 6615 lb nécessaire

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| | 115 ft + 23 ft* | | 132 ft + 23 ft* | 149 ft + 23 ft* | |
|----|-----------------|------|-----------------|-----------------|----|
| | N 39 ft** | | | | |
| | 82° | 75° | 82° | 82° | |
| 40 | 122.3 | | | | 40 |
| 42 | 124.9 | | | | 42 |
| 44 | 124.8 | | | | 44 |
| 46 | 123.3 | | 109.9 | | 46 |
| 48 | 120.3 | | 109.2 | | 48 |
| 50 | 117.4 | | 108.5 | 97.6 | 50 |
| 55 | | | 104.5 | 96.3 | 55 |
| 60 | | | | | 60 |
| 65 | | 93.9 | | | 65 |
| 70 | | 87.1 | | | 70 |

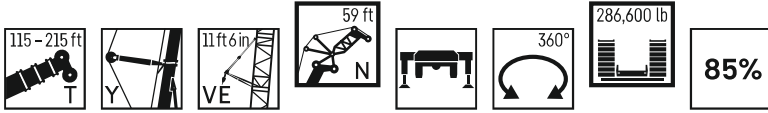
* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in · pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in
 ** Hookblock with deadweight of 6615 lb necessary · Moufle à crochet de poids minimal de 6615 lb nécessaire

t_180_64105_00_000

Lifting capacities

Forces de levage

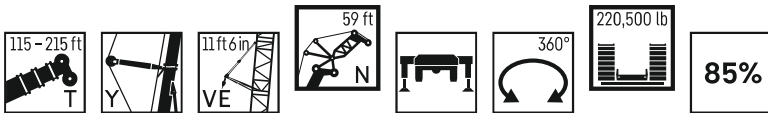
TYVEN 59 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|-----|-----------------|-----|------|-----------------|------|-----|-----------------|------|-----|-----------------|------|------|-----------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| | N 59 ft*** | | | | | | | | | | | | | | | | | | | | | |
| 46 | 83.5 | | | | | | | | | | | | | | | | | | | | | 46 |
| 48 | 85.8 | | | | | | | | | | | | | | | | | | | | | 48 |
| 50 | 88.2 | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 93.4 | | | 89.3 | | | | | | | 72.2 | | | | | | | | | | | 55 |
| 60 | 97.2 | | | 90.1 | | | 81.7 | | | | 71.8 | | | | | | | | | | | 60 |
| 65 | 97.5 | | | 88.6 | | | 80.9 | | | | 70.7 | | | 62 | | | 53.6 | | | | | 65 |
| 70 | 93.3 | 92.8 | | 84.5 | | | 79.8 | | | | 69.6 | | | 61.2 | | | 52.9 | | | 46.7 | | 70 |
| 75 | | 88.5 | | 80.4 | 77.6 | | 77.6 | | | | 68 | | | 60.3 | | | 52.1 | | | 46.2 | | 75 |
| 80 | | 83 | | | 74.9 | | | | | | | | | 59.4 | | | 51.3 | | | 45.3 | | 80 |
| 85 | | 77.9 | | | 70.1 | | 64.6 | | | | | | | 58.5 | | | 50.5 | | | 44.3 | | 85 |
| 90 | | 73.4 | 64.8 | | 66.3 | | | | 60.9 | | | | | | | | | | | | | 90 |
| 95 | | | 61.9 | | | | | | 57.5 | | | | | | | 53.2 | | | | | | 95 |
| 100 | | | 58.7 | | | | 47.7 | | | | | | | | | | | 41.1 | | | | 100 |
| 105 | | | | | | | 45.1 | | | | | | | | | | | 40.6 | | | | 105 |
| 110 | | | | | | | 42.6 | | | | | | | | | | | 39.5 | | | 34.7 | 110 |
| 115 | | | | | | | | | | 37 | | | | | | | | | | | 33.6 | 115 |
| 120 | | | | | | | | | | | | | | | | | | | | | | 120 |
| 125 | | | | | | | | | | | | | | | | | | | | | | 125 |
| 130 | | | | | | | | | | | | | | | | 32.5 | | | | | | 130 |
| 135 | | | | | | | | | | | | | | | | | | | 18.1 | | | 135 |
| 140 | | | | | | | | | | | | | | | | | | | | | | 140 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in
 *** Hookblock with deadweight of 3200 lb necessary - Moufle à crochet de poids minimal de 3200 lb nécessaire

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| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|-----|-----------------|-----|------|-----------------|------|-----|-----------------|------|-----|-----------------|------|------|-----------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| | N 59 ft*** | | | | | | | | | | | | | | | | | | | | | |
| 46 | 83.5 | | | | | | | | | | | | | | | | | | | | | 46 |
| 48 | 85.8 | | | | | | | | | | | | | | | | | | | | | 48 |
| 50 | 88.2 | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 93.4 | | | 89.3 | | | | | | | 72.2 | | | | | | | | | | | 55 |
| 60 | 97.2 | | | 90.1 | | | 81.7 | | | | 71.8 | | | | | | | | | | | 60 |
| 65 | 97.5 | | | 88.6 | | | 80.9 | | | | 70.7 | | | 62 | | | 53.6 | | | | | 65 |
| 70 | 93.3 | 84.8 | | 84.5 | | | 79.8 | | | | 69.6 | | | 61.2 | | | 52.9 | | | 46.7 | | 70 |
| 75 | | 80.4 | | 80.4 | 73.9 | | 77.6 | | | | 68 | | | 60.3 | | | 52.1 | | | 46.2 | | 75 |
| 80 | | 75.2 | | | 71 | | | | | | | | | 59.4 | | | 51.3 | | | 45.3 | | 80 |
| 85 | | 70.5 | | | 66.6 | | 62.8 | | | | | | | 58.5 | | | 50.5 | | | 44.3 | | 85 |
| 90 | | 66.4 | 57.7 | | 62.8 | | | | 59.6 | | | | | | | | | | | | | 90 |
| 95 | | | 54.9 | | | | | | 56.4 | | | | | | | 46 | | | | | | 95 |
| 100 | | | 51.8 | | | | 47 | | | | | | | | | | | 41.1 | | | | 100 |
| 105 | | | | | | | 44.4 | | | | | | | | | | | 40.6 | | | | 105 |
| 110 | | | | | | | 42 | | | | | | | | | | | 39 | | | 34.7 | 110 |
| 115 | | | | | | | | | | 37 | | | | | | | | | | | 33.6 | 115 |
| 120 | | | | | | | | | | | | | | | | | | | | | | 120 |
| 125 | | | | | | | | | | | | | | | | | | | | | | 125 |
| 130 | | | | | | | | | | | | | | | | | 24.1 | | | | | 130 |
| 135 | | | | | | | | | | | | | | | | | | | | 18.1 | | 135 |
| 140 | | | | | | | | | | | | | | | | | | | | | | 140 |

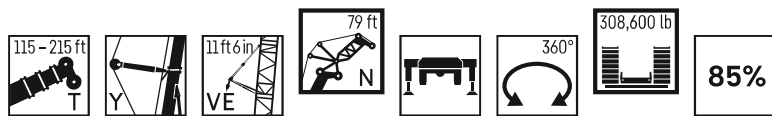
* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in
 *** Hookblock with deadweight of 3200 lb necessary - Moufle à crochet de poids minimal de 3200 lb nécessaire

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Lifting capacities

Forces de levage

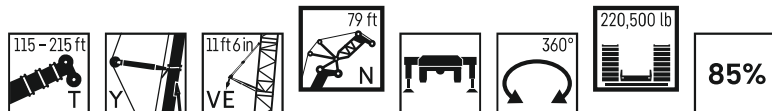
TYVEN 79 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | |
| 55 | 70.3 | | | | | | | | | | | | | | | | | | | | | 55 | |
| 60 | 74 | | | 71.4 | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 78.2 | | | 74.6 | | | | | | 61 | | | | | | | | | | | | 65 | |
| 70 | 80 | | | 74.4 | | | | 67.5 | | 60.3 | | | | 52.5 | | | 46.1 | | | | | 70 | |
| 75 | 79.8 | 78.9 | | 73 | | | | 67.2 | | 59.5 | | | | 52.1 | | | 45.6 | | | 40.2 | | 75 | |
| 80 | 77.8 | 77.6 | | 70.7 | | | | 66.4 | | 58.7 | | | | 51.4 | | | 45 | | | 39.9 | | 80 | |
| 85 | 74.4 | 74.7 | | 67.6 | 66.2 | | | 65.5 | | 57.8 | | | | 50.7 | | | 44.3 | | | 39.3 | | 85 | |
| 90 | 71.2 | 71.9 | | 64.7 | 63.9 | | | 64.2 | | 56.8 | | | | 49.9 | | | 43.6 | | | 38.7 | | 90 | |
| 95 | | 69.2 | | 61.9 | 61.5 | | | 62.1 | 61 | | 55 | 52.4 | | 49.2 | | | 43 | | | 37.9 | | 95 | |
| 100 | | 66.6 | 58.4 | | 59.3 | | | | 58.8 | | | 51.1 | | 48.5 | 46.4 | | 42.3 | | | 36.9 | | 100 | |
| 105 | | 63.9 | 57 | | 57.1 | | | | 56.7 | | | 49.3 | | | 46.3 | | | | | | | 105 | |
| 110 | | 60.9 | 54.3 | | 55 | 48.9 | | | 54.2 | | | 47.5 | | | 44.8 | | | 38.5 | | | | 110 | |
| 115 | | | 51.7 | | | 46.8 | | | 51.8 | | | 45.9 | | | 43.4 | | | 37.8 | | | 30.5 | 115 | |
| 120 | | | 49.4 | | | 44.3 | | | | 38.2 | | | 44.2 | | | 42 | | | 36.8 | | 29.9 | 120 | |
| 125 | | | | | | 42.1 | | | | 36.5 | | | | | | | | 35.6 | | | 28.9 | 125 | |
| 130 | | | | | | 40.1 | | | | 34.6 | | | | 36.5 | | | | 34.4 | | | 28 | 130 | |
| 135 | | | | | | | | | | 32.9 | | | | 35 | | | 31.9 | | | | 27 | 135 | |
| 140 | | | | | | | | | | | | | | 33.5 | | | 30.9 | | | | | 140 | |
| 145 | | | | | | | | | | | | | | | | | 29.7 | | | 15.8 | | 145 | |
| 150 | | | | | | | | | | | | | | | | | 28.5 | | | 15.9 | | 150 | |
| 155 | | | | | | | | | | | | | | | | | | | | 15.9 | | 155 | |
| 160 | | | | | | | | | | | | | | | | | | | | | | 15.8 | 160 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

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| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | |
| 55 | 70.3 | | | | | | | | | | | | | | | | | | | | | 55 | |
| 60 | 74 | | | 71.4 | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 78.2 | | | 74.6 | | | | | | 61 | | | | | | | | | | | | 65 | |
| 70 | 80 | | | 74.4 | | | | 67.5 | | 60.3 | | | | 52.5 | | | 46.1 | | | | | 70 | |
| 75 | 79.8 | 77.8 | | 73 | | | | 67.2 | | 59.5 | | | | 52.1 | | | 45.6 | | | 40.2 | | 75 | |
| 80 | 77.8 | 74.7 | | 70.7 | | | | 66.4 | | 58.7 | | | | 51.4 | | | 45 | | | 39.9 | | 80 | |
| 85 | 74.4 | 70.1 | | 67.6 | 66 | | | 65.5 | | 57.8 | | | | 50.7 | | | 44.3 | | | 39.3 | | 85 | |
| 90 | 71.2 | 66.1 | | 64.7 | 62.4 | | | 64.2 | | 56.8 | | | | 49.9 | | | 43.6 | | | 38.7 | | 90 | |
| 95 | | 62.4 | | 61.9 | 58.9 | | | 62.1 | 54.5 | | 55 | 49.4 | | 49.2 | | | 43 | | | 37.9 | | 95 | |
| 100 | | 59.1 | 49.7 | | 55.7 | | | | 51.7 | | | 47.8 | | 48.5 | 42.3 | | 42.3 | | | 36.9 | | 100 | |
| 105 | | 56 | 48.3 | | 52.6 | | | | 49.2 | | | 45.4 | | | 41.2 | | | | | | | 105 | |
| 110 | | 53.1 | 45.8 | | 49.9 | 41 | | | 46.9 | | | 43.3 | | | 39.3 | | | 36.7 | | | | 110 | |
| 115 | | | 43.5 | | | 39.3 | | | 44.7 | | | 41.4 | | | 37.6 | | | 35.3 | | | 30.5 | 115 | |
| 120 | | | 41.3 | | | 37.3 | | | | 33.7 | | | 39.6 | | | 36 | | | 33.8 | | 29.9 | 120 | |
| 125 | | | | | | 35.5 | | | | 32.2 | | | | | | | | 32.3 | | | 28.9 | 125 | |
| 130 | | | | | | 33.8 | | | | 30.9 | | | | 26.8 | | | | 31 | | | 27.8 | 130 | |
| 135 | | | | | | | | | | 29.6 | | | | 25.7 | | | 21.8 | | | | 26.7 | 135 | |
| 140 | | | | | | | | | | | | | | 24.7 | | | 21.2 | | | | | 140 | |
| 145 | | | | | | | | | | | | | | | | | 20.3 | | | 15.8 | | 145 | |
| 150 | | | | | | | | | | | | | | | | | 19.5 | | | 15.9 | | 150 | |
| 155 | | | | | | | | | | | | | | | | | | | | 15.9 | | 15.8 | 155 |
| 160 | | | | | | | | | | | | | | | | | | | | | | 13.6 | 160 |

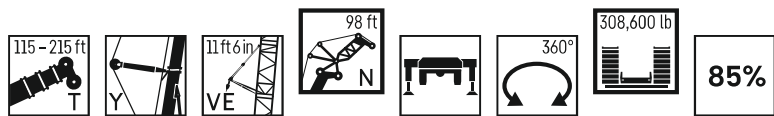
* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

t_180_64305_00_000

Lifting capacities

Forces de levage

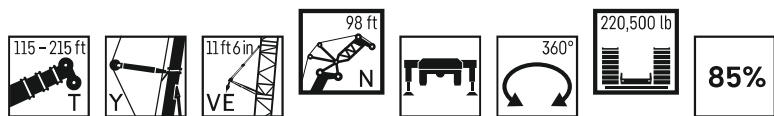
TYVEN 98 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|-----|-----------------|------|------|-----|------|------|------|-----|
| | N 98 ft | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | |
| 60 | 58.9 | | | | | | | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 61.1 | | | | | | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 63.7 | | | 61.8 | | | | | | | 51.2 | | | | | | | | | | | | | | | 70 |
| 75 | 65.7 | | | 62.2 | | | 56.3 | | | | 51.2 | | | 44.7 | | | | | | 39.3 | | | | | | 75 |
| 80 | 66.9 | | | 61.9 | | | 56.1 | | | | 50.6 | | | 44.5 | | | | | | 39.1 | | | | | | 80 |
| 85 | 66.6 | | | 61.2 | | | 55.6 | | | | 50 | | | 44 | | | | | | 38.6 | | | 34 | | | 85 |
| 90 | 65.6 | 65 | | 60 | | | 54.9 | | | | 49.4 | | | 43.4 | | | | | | 38 | | | 33.6 | | | 90 |
| 95 | 63.5 | 63.6 | | 58 | 57.2 | | 54.2 | | | | 48.7 | | | 42.9 | | | | | | 37.5 | | | 33 | | | 95 |
| 100 | 60.9 | 61.4 | | 55.5 | 54.9 | | 53.4 | 52.5 | | | 48.1 | | | 42.3 | | | | | | 36.9 | | | 32.5 | | | 100 |
| 105 | 58.3 | 59.1 | | 53.3 | 52.8 | | 52.5 | 51.8 | | | 47.4 | | | 41.7 | | | | | | 36.4 | | | 31.9 | | | 105 |
| 110 | 55.8 | 56.9 | | 51 | 50.8 | | 50.5 | 49.9 | | | 46.7 | 45.7 | | | 41.1 | | | | | 35.8 | | | 31.4 | | | 110 |
| 115 | | 54.8 | 50.9 | 48.8 | 48.9 | | 48.6 | 48.1 | | | 45.5 | 44.5 | | | 40.5 | 39.2 | | | | 35.2 | 33.8 | | 30.8 | | | 115 |
| 120 | | 52.8 | 48.5 | | 47.1 | 44.7 | | 46.4 | | | 42.9 | 41.4 | | | 39.9 | 38.6 | | | | 34.7 | 33.6 | | 30.2 | 28.1 | | 120 |
| 125 | | 50.8 | 46.3 | | 45.4 | 42.6 | | 44.8 | | | 41.4 | | | 38 | | | | | | 33.1 | | | 28 | 26.9 | | 125 |
| 130 | | 48.8 | 44.4 | | 43.7 | 40.8 | | 43.3 | 38.7 | | 40 | | | 37.2 | | | | | | 32.3 | | | 26.9 | 26 | | 130 |
| 135 | | | 42.5 | | | 39.1 | | 41.8 | 37.3 | | 38.7 | | | 36.1 | | | | | | 31.4 | | | 26 | 25 | | 135 |
| 140 | | | 40.8 | | | 37.4 | | 35.7 | 35.7 | | 37.4 | 32.5 | | 34.9 | | | | | | 30.5 | | | 25 | 24.1 | | 140 |
| 145 | | | | | | 35.9 | | 34.2 | 34.2 | | 31.1 | | | | | | | | | 29.4 | | | 24.1 | 23.3 | | 145 |
| 150 | | | | | | 34.6 | | 32.9 | 32.9 | | 29.9 | | | | | | | | | 28.3 | | | 23.3 | 22.5 | | 150 |
| 155 | | | | | | | | 31.6 | 31.6 | | 28.7 | | | | | | | | | 27.1 | | | 22.5 | 21.7 | | 155 |
| 160 | | | | | | | | | | | 27.6 | | | | | | | | | 26.1 | | | 21.7 | 21.1 | | 160 |
| 165 | | | | | | | | | | | | | | | | | | | | 25.1 | | | 21.1 | 20.5 | 10.6 | 165 |
| 170 | | | | | | | | | | | | | | | | | | | | 24.1 | | | 20.5 | 19.9 | 10.8 | 170 |
| 175 | | | | | | | | | | | | | | | | | | | | 23.2 | | | 19.9 | 19.3 | 10.9 | 175 |
| 180 | | | | | | | | | | | | | | | | | | | | | | | 19.3 | 18.7 | 10.8 | 180 |

* adapter 11 ft 6 in - telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in - rallonge de flèche télescopique 11 ft 6 in

t_180_64401_00_000



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|-----|-----------------|------|------|-----|------|------|------|----|-----|
| | N 98 ft | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | | |
| 60 | 58.9 | | | | | | | | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 61.1 | | | | | | | | | | | | | | | | | | | | | | | | | | 65 |
| 70 | 63.7 | | | 61.8 | | | | | | | 51.2 | | | | | | | | | | | | | | | | 70 |
| 75 | 65.7 | | | 62.2 | | | 56.3 | | | | 51.2 | | | 44.7 | | | | | | 39.3 | | | | | | | 75 |
| 80 | 66.9 | | | 61.9 | | | 56.1 | | | | 50.6 | | | 44.5 | | | | | | 39.1 | | | | | | | 80 |
| 85 | 66.6 | | | 61.2 | | | 55.6 | | | | 50 | | | 44 | | | | | | 38.6 | | | 34 | | | | 85 |
| 90 | 65.6 | 64.3 | | 60 | | | 54.9 | | | | 49.4 | | | 43.4 | | | | | | 38 | | | 33.6 | | | | 90 |
| 95 | 63.5 | 61.8 | | 58 | 57 | | 54.2 | | | | 48.7 | | | 42.9 | | | | | | 37.5 | | | 33 | | | | 95 |
| 100 | 60.9 | 58.4 | | 55.5 | 54.4 | | 53.4 | 51 | | | 48.1 | | | 42.3 | | | | | | 36.9 | | | 32.5 | | | | 100 |
| 105 | 58.3 | 55.4 | | 53.3 | 51.7 | | 52.5 | 48.4 | | | 47.4 | | | 41.7 | | | | | | 36.4 | | | 31.9 | | | | 105 |
| 110 | 55.8 | 52.5 | | 51 | 49.2 | | 50.5 | 46.2 | | | 46.7 | 41.2 | | | 41.1 | | | | | 35.8 | | | 31.4 | | | | 110 |
| 115 | | 49.9 | 42.7 | 48.8 | 46.7 | | 48.6 | 44.1 | | | 45.5 | 39.4 | | | 40.5 | 35.7 | | | | 35.2 | 32.9 | | 30.8 | | | | 115 |
| 120 | | 47.4 | 40.5 | | 44.4 | 36 | | 42.1 | | | 37.6 | 37.6 | | | 39.9 | 34.1 | | | | 34.7 | 31.9 | | 30.2 | 28.1 | | | 120 |
| 125 | | 45.1 | 38.6 | | 42.3 | 34.4 | | 40.3 | | | 36 | 36 | | | 32.6 | 30.5 | | | | 34.7 | 30.5 | | 28.1 | 27.8 | | | 125 |
| 130 | | 43 | 36.8 | | 40.3 | 33 | | 38.7 | 29.8 | | 34.5 | | | 31.2 | | | | | | 34.7 | 29.2 | | 26.6 | 26.6 | | | 130 |
| 135 | | | 35.1 | | | 31.5 | | 37 | 28.8 | | 33.1 | | | 30 | | | | | | 34.7 | 28 | | 25.5 | 25.5 | | | 135 |
| 140 | | | 33.5 | | | 30 | | 27.6 | 27.6 | | 31.8 | 23.1 | | 28.8 | | | | | | 34.7 | 26.9 | | 24.5 | 24.5 | | | 140 |
| 145 | | | | | | 28.7 | | 26.5 | 26.5 | | 26.5 | 22.1 | | | | | | | | 34.7 | 25.8 | | 23.5 | 23.5 | | | 145 |
| 150 | | | | | | 27.4 | | 25.4 | 25.4 | | 25.4 | 21.2 | | | | | | | | 34.7 | 24.8 | | 22.6 | 22.6 | | | 150 |
| 155 | | | | | | | | 24.5 | 24.5 | | 24.5 | 20.4 | | | | | | | | 34.7 | 24.8 | | 21.7 | 21.7 | | | 155 |
| 160 | | | | | | | | | | | 19.6 | | | | | | | | | 34.7 | 24.8 | | 21.7 | 21.1 | | | 160 |
| 165 | | | | | | | | | | | | | | | | | | | | 34.7 | 24.8 | | 21.1 | 18.4 | 10.6 | | 165 |
| 170 | | | | | | | | | | | | | | | | | | | | 34.7 | 24.8 | | 18.4 | 17.8 | 10.8 | | 170 |
| 175 | | | | | | | | | | | | | | | | | | | | 34.7 | 24.8 | | 17.8 | 17.1 | 10.5 | | 175 |
| 180 | | | | | | | | | | | | | | | | | | | | 34.7 | 24.8 | | 17.1 | 16.4 | 10 | | 180 |

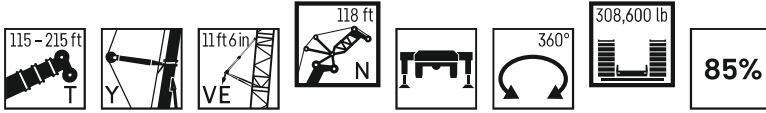
* adapter 11 ft 6 in - telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in - rallonge de flèche télescopique 11 ft 6 in

t_180_64401_00_000

Lifting capacities

Forces de levage

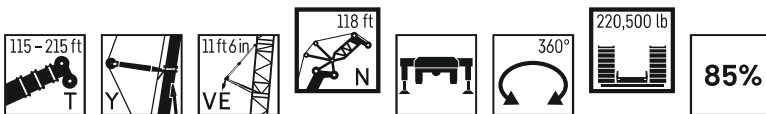
TYVEN 118 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | |
| 70 | 50.2 | | | | | | | | | | | | | | | | | | | | | 70 | |
| 75 | 51.8 | | | 50.1 | | | 40 | | | | | | | | | | | | | | | 75 | |
| 80 | 53.4 | | | 50.8 | | | 43.5 | | | 41.2 | | | | | | | | | | | | 80 | |
| 85 | 54.5 | | | 51.1 | | | 46.1 | | | 42.2 | | | | | | | | | 32.5 | | | 85 | |
| 90 | 54.2 | | | 50.9 | | | 46.5 | | | 42.2 | | | 37.1 | | | | | 32.4 | | | 28.3 | 90 | |
| 95 | 53.6 | 52.2 | | 50.5 | | | 46.3 | | | 41.8 | | | 36.8 | | | | | 32.1 | | | 28.1 | 95 | |
| 100 | 52.6 | 52.1 | | 50 | 48.6 | | 45.8 | | | 41.4 | | | 36.4 | | | | | 31.7 | | | 27.8 | 100 | |
| 105 | 51.1 | 52.1 | | 49.2 | 47.8 | | 45.4 | | | 40.9 | | | 36 | | | | | 31.3 | | | 27.5 | 105 | |
| 110 | 49.4 | 51 | | 47.3 | 46.1 | | 44.8 | 43.9 | | 40.4 | | | 35.5 | | | | | 30.8 | | | 27 | 110 | |
| 115 | 47.8 | 49.5 | | 45.6 | 44.5 | | 44.3 | 43.6 | | 39.9 | 38.6 | | 35.1 | | | | | 30.4 | | | 26.6 | 115 | |
| 120 | 46.1 | 47.9 | 45.8 | 43.9 | 42.9 | | 43.8 | 43.2 | | 39.4 | 38.4 | | 34.6 | 33.1 | | | 29.9 | 28.4 | | | 26.2 | 120 | |
| 125 | 44.6 | 46.2 | 45.1 | 42.2 | 41.5 | | 43.3 | 42.6 | | 38.9 | 38.1 | | 34.2 | 33 | | | 29.5 | 28.4 | | | 25.7 | 125 | |
| 130 | 43.1 | 44.7 | 43.8 | 40.6 | 40.1 | 38 | 42 | 41.2 | | 38.4 | 37.6 | | 33.7 | 32.7 | | | 29 | 28.1 | | | 25.3 | 130 | |
| 135 | | 43.3 | 42.2 | | 38.7 | 37.1 | 40.6 | 39.8 | | 37.7 | 36.6 | | 33.3 | 32.4 | | | 28.6 | 27.8 | | | 24.9 | 23.6 | 135 |
| 140 | | 41.8 | 40.5 | | 37.4 | 36.1 | | 38.6 | 34.7 | | 35.5 | | 32.9 | 31.9 | | | 28.2 | 27.4 | | | 24.5 | 22.9 | 140 |
| 145 | | 40.4 | 38.8 | | 36.2 | 35 | | 37.4 | 33.3 | | 34.3 | | | 31.4 | | | | 27.1 | | | | 22.1 | 145 |
| 150 | | 38.9 | 37.3 | | 35 | 34 | | 36.2 | 32 | | 33.3 | 28.7 | | 30.8 | | | | 26.5 | | | | 21.4 | 150 |
| 155 | | | 35.9 | | | 32.9 | | 35.1 | 30.7 | | 32.3 | 27.6 | | 29.9 | | | | 25.4 | | | | 20.7 | 155 |
| 160 | | | 34.5 | | | 31.7 | | | 29.6 | | 31.3 | 26.5 | | 29 | 24 | | | 24.1 | | | | 20.1 | 160 |
| 165 | | | | | | 30.5 | | | 28.4 | | | 25.5 | | | 23.1 | | | 22.6 | 8.2 | | | 19.4 | 165 |
| 170 | | | | | | 29.3 | | | 27.4 | | | 24.5 | | | 22.2 | | | 21 | 8.4 | | | 18.8 | 170 |
| 175 | | | | | | | | | 26.4 | | | 23.6 | | | 21.3 | | | 8.5 | | | | 18.2 | 175 |
| 180 | | | | | | | | | | | | 22.8 | | | | | 20.5 | | 8.5 | | | 9.4 | 180 |
| 185 | | | | | | | | | | | | | | | | | 19.8 | | 8.4 | | | 9.4 | 185 |
| 190 | | | | | | | | | | | | | | | | | 19.1 | | 8.2 | | | 9.3 | 190 |
| 195 | | | | | | | | | | | | | | | | | | | 7.8 | | | 9.1 | 195 |
| 200 | | | | | | | | | | | | | | | | | | | | | | 8.9 | 200 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

t_180_64501_00_000



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|-----|------|------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | | | |
| 70 | 50.2 | | | | | | | | | | | | | | | | | | | | | 70 | | |
| 75 | 51.8 | | | 50.1 | | | 40 | | | | | | | | | | | | | | | 75 | | |
| 80 | 53.4 | | | 50.8 | | | 43.5 | | | 41.2 | | | | | | | | | | | | 80 | | |
| 85 | 54.5 | | | 51.1 | | | 46.1 | | | 42.2 | | | | | | | | | 32.5 | | | 85 | | |
| 90 | 54.2 | | | 50.9 | | | 46.5 | | | 42.2 | | | 37.1 | | | | | 32.4 | | | 28.3 | 90 | | |
| 95 | 53.6 | 52.2 | | 50.5 | | | 46.3 | | | 41.8 | | | 36.8 | | | | | 32.1 | | | 28.1 | 95 | | |
| 100 | 52.6 | 52.1 | | 50 | 48.6 | | 45.8 | | | 41.4 | | | 36.4 | | | | | 31.7 | | | 27.8 | 100 | | |
| 105 | 51.1 | 52.1 | | 49.2 | 47.8 | | 45.4 | | | 40.9 | | | 36 | | | | | 31.3 | | | 27.5 | 105 | | |
| 110 | 49.4 | 51 | | 47.3 | 46.1 | | 44.8 | 43.8 | | 40.4 | | | 35.5 | | | | | 30.8 | | | 27 | 110 | | |
| 115 | 47.8 | 49.3 | | 45.6 | 44.5 | | 44.3 | 42.3 | | 39.9 | 37.1 | | 35.1 | | | | | 30.4 | | | 26.6 | 115 | | |
| 120 | 46.1 | 47.2 | 39.3 | 43.9 | 42.9 | | 43.8 | 40.4 | | 39.4 | 36 | | 34.6 | 31.7 | | | 29.9 | 28.4 | | | 26.2 | 120 | | |
| 125 | 44.6 | 45 | 38.2 | 42.2 | 41.5 | | 43.3 | 38.7 | | 38.9 | 34.4 | | 34.2 | 31 | | | 29.5 | 28.4 | | | 25.7 | 125 | | |
| 130 | 43.1 | 42.9 | 36.5 | 40.6 | 40.1 | 31.9 | 42 | 37.1 | | 38.4 | 32.9 | | 33.7 | 29.7 | | | 29 | 28 | | | 25.3 | 130 | | |
| 135 | | 41 | 34.8 | | 38.4 | 30.8 | 40.6 | 35.6 | | 37.7 | 31.6 | | 33.3 | 28.4 | | | 28.6 | 27.1 | | | 24.9 | 23.6 | 135 | |
| 140 | | 39.2 | 33.2 | | 36.7 | 29.5 | | 34.2 | 26.1 | | 30.3 | | 32.9 | 27.3 | | | 28.2 | 26 | | | 24.5 | 22.9 | 140 | |
| 145 | | 37.5 | 31.8 | | 35.1 | 28.3 | | 32.9 | 25 | | 29.1 | | | 26.2 | | | | 24.9 | | | | 22.1 | 145 | |
| 150 | | 35.9 | 30.4 | | 33.6 | 27.2 | | 31.6 | 24 | | 28 | 19.7 | | 25.2 | | | | 23.9 | | | | 21.4 | 150 | |
| 155 | | | 29.2 | | | 26 | | 30.4 | 23.1 | | 27 | 18.9 | | 24.2 | | | | 23 | | | | 20.7 | 155 | |
| 160 | | | 27.9 | | | 24.9 | | | 22.2 | | 26 | 18.2 | | 23.3 | 15 | | | 22.2 | | | | 20.1 | 160 | |
| 165 | | | | | | 23.9 | | | 21.4 | | | 17.4 | | | 14.4 | | | 21.3 | 8.2 | | | 19.4 | 165 | |
| 170 | | | | | | 22.9 | | | 20.6 | | | 16.8 | | | | | | 20.6 | 8.4 | | | 18.7 | 170 | |
| 175 | | | | | | | | | 19.8 | | | 16.1 | | | | | | 13.2 | 8.5 | | | 18 | 9.2 | 175 |
| 180 | | | | | | | | | | | | 15.5 | | | | | | 12.7 | | | | 9.2 | 180 | |
| 185 | | | | | | | | | | | | | | | | | | 12.2 | | | | 8.8 | 185 | |
| 190 | | | | | | | | | | | | | | | | | | 11.7 | | | | 8.4 | 190 | |
| 195 | | | | | | | | | | | | | | | | | | | | | | 8 | 195 | |
| 200 | | | | | | | | | | | | | | | | | | | | | | 7.7 | 200 | |

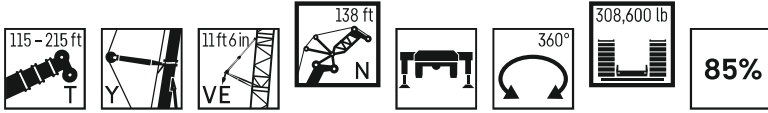
* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

t_180_64505_00_000

Lifting capacities

Forces de levage

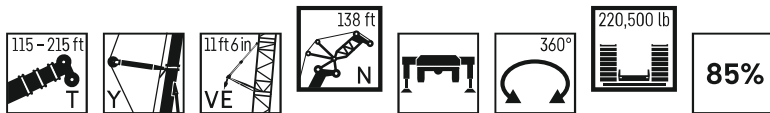
TYVEN 138 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 75 | 44.5 | | | 40.2 | | | | | | | | | | | | | | | | | | 75 |
| 80 | 45 | | | 41 | | | 36 | | | | | | | | | | | | | | | 80 |
| 85 | 45.3 | | | 41.5 | | | 37.4 | | | | | | | | | | | | | | | 85 |
| 90 | 44.9 | | | 41.8 | | | 37.9 | | | 33.3 | | | | | | | | | | | | 90 |
| 95 | 44.2 | | | 41.8 | | | 38.2 | | | 34.4 | | | 26.9 | | | 26.5 | | | | 23.5 | | 95 |
| 100 | 43.3 | 42.5 | | 41.7 | | | 38.2 | | | 34.7 | | | 30 | | | 26.5 | | | | 23.4 | | 100 |
| 105 | 42.2 | 42.4 | | 41.3 | | | 38.1 | | | 34.7 | | | 30.5 | | | 26.4 | | | | 23.3 | | 105 |
| 110 | 41.1 | 42.4 | | 40.7 | 40.5 | | 37.8 | | | 34.4 | | | 30.3 | | | 26.2 | | | | 23.1 | | 110 |
| 115 | 39.7 | 41.5 | | 40 | 40 | | 37.4 | 36.5 | | 34 | | | 30 | | | 25.9 | | | | 22.9 | | 115 |
| 120 | 38.2 | 40.2 | | 38.9 | 39.1 | | 37.1 | 36.4 | | 33.6 | 32.2 | | 29.7 | | | 25.6 | | | | 22.6 | | 120 |
| 125 | 36.8 | 38.8 | | 37.5 | 37.7 | | 36.7 | 36.1 | | 33.2 | 32.2 | | 29.3 | | | 25.3 | | | | 22.3 | | 125 |
| 130 | 35.5 | 37.5 | | 36.2 | 36.5 | | 36.2 | 35.8 | | 32.8 | 32 | | 29 | | | 24.9 | | | | 21.9 | | 130 |
| 135 | 34.2 | 36.3 | 34.7 | 34.9 | 35.2 | | 35.3 | 35.5 | | 32.5 | 31.7 | | 28.6 | 27.5 | | 24.6 | 23.5 | | | 21.6 | | 135 |
| 140 | 33 | 35 | 33.7 | 33.7 | 34 | 31.6 | 34.2 | 34.8 | | 32.1 | 31.4 | | 28.3 | 27.2 | | 24.2 | 23.3 | | | 21.2 | 19.9 | 140 |
| 145 | 31.9 | 33.9 | 32.7 | 32.5 | 32.9 | 30.8 | 33.1 | 33.8 | | 31.7 | 31.2 | | 27.9 | 27 | | 23.9 | 23 | | | 20.9 | 19.8 | 145 |
| 150 | 30.9 | 32.8 | 31.8 | 31.5 | 31.8 | 30 | 32 | 32.7 | 30.7 | 31.4 | 30.8 | | 27.6 | 26.8 | | 23.6 | 22.7 | | | 20.5 | 19.6 | 150 |
| 155 | | 31.6 | 30.8 | | 30.8 | 29.1 | 31 | 31.7 | 29.9 | 31.1 | 30 | | 27.3 | 26.5 | | 23.3 | 22.5 | | | 20.2 | 19.1 | 155 |
| 160 | | 30.5 | 29.9 | | 29.8 | 28.2 | | 30.7 | 29.1 | | 29.1 | 25.9 | | 26.2 | | 23 | 22.2 | | | 19.8 | 18.6 | 160 |
| 165 | | 29.4 | 29 | | 28.7 | 27.4 | | 29.8 | 28.1 | | 28.2 | 24.8 | | 25.8 | | | 22 | | | 18 | | 165 |
| 170 | | 28 | 28.2 | | 27.7 | 26.6 | | 28.9 | 27 | | 27.4 | 23.9 | | 25.5 | | | 21.7 | | | 17.5 | | 170 |
| 175 | | | 27.3 | | | 25.8 | | 28.1 | 26.1 | | 26.6 | 23 | | 24.9 | 20.4 | | 21.2 | | | 16.9 | | 175 |
| 180 | | | 26.4 | | | 25.1 | | | 25.1 | | 25.8 | 22.2 | | 24.3 | 19.6 | | 20.3 | 7.3 | | 16.4 | | 180 |
| 185 | | | | | | 24.3 | | | 24.2 | | | 21.3 | | | 18.9 | | 18.8 | 7.3 | | 15.9 | | 185 |
| 190 | | | | | | 23.5 | | | 23.4 | | | 20.6 | | | 18.1 | | 17.2 | 7.3 | | 15.4 | | 190 |
| 195 | | | | | | | | | 22.5 | | | 19.8 | | | 17.5 | | | 7.3 | | 14.9 | 7.8 | 195 |
| 200 | | | | | | | | | | | | 19.1 | | | 16.8 | | | 7.2 | | 7.8 | | 200 |
| 205 | | | | | | | | | | | | | | | 16.2 | | | 7 | | 7.7 | | 205 |
| 210 | | | | | | | | | | | | | | | | | | 6.8 | | 7.6 | | 210 |
| 215 | | | | | | | | | | | | | | | | | | 6.4 | | 7.5 | | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | 7.2 | | 220 |

* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

t_180_64601_00_000



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|------|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 75 | 44.5 | | | 40.2 | | | | | | | | | | | | | | | | | | 75 |
| 80 | 45 | | | 41 | | | 36 | | | | | | | | | | | | | | | 80 |
| 85 | 45.3 | | | 41.5 | | | 37.4 | | | | | | | | | | | | | | | 85 |
| 90 | 44.9 | | | 41.8 | | | 37.9 | | | 33.3 | | | | | | | | | | | | 90 |
| 95 | 44.2 | | | 41.8 | | | 38.2 | | | 34.4 | | | 26.9 | | | 26.5 | | | | 23.5 | | 95 |
| 100 | 43.3 | 42.5 | | 41.7 | | | 38.2 | | | 34.7 | | | 30 | | | 26.5 | | | | 23.4 | | 100 |
| 105 | 42.2 | 42.4 | | 41.3 | | | 38.1 | | | 34.7 | | | 30.5 | | | 26.4 | | | | 23.3 | | 105 |
| 110 | 41.1 | 42.4 | | 40.7 | 40.5 | | 37.8 | | | 34.4 | | | 30.3 | | | 26.2 | | | | 23.1 | | 110 |
| 115 | 39.7 | 41.5 | | 40 | 40 | | 37.4 | 36.5 | | 34 | | | 30 | | | 25.9 | | | | 22.9 | | 115 |
| 120 | 38.2 | 40.2 | | 38.9 | 39.1 | | 37.1 | 36.4 | | 33.6 | 32.2 | | 29.7 | | | 25.6 | | | | 22.6 | | 120 |
| 125 | 36.8 | 38.8 | | 37.5 | 37.7 | | 36.7 | 36.1 | | 33.2 | 32.2 | | 29.3 | | | 25.3 | | | | 22.3 | | 125 |
| 130 | 35.5 | 37.5 | | 36.2 | 36.5 | | 36.2 | 35.8 | | 32.8 | 31.7 | | 29 | | | 24.9 | | | | 21.9 | | 130 |
| 135 | 34.2 | 36.3 | 34.3 | 34.9 | 35.2 | | 35.3 | 34.8 | | 32.5 | 30.6 | | 28.6 | 26.9 | | 24.6 | 23.5 | | | 21.6 | | 135 |
| 140 | 33 | 35 | 32.9 | 33.7 | 34 | 28.4 | 34.2 | 33.5 | | 32.1 | 29.4 | | 28.3 | 25.9 | | 24.2 | 23.3 | | | 21.2 | 19.9 | 140 |
| 145 | 31.9 | 33.9 | 31.4 | 32.5 | 32.9 | 27.3 | 33.1 | 32.2 | | 31.7 | 28.2 | | 27.9 | 24.9 | | 23.9 | 23 | | | 20.9 | 19.8 | 145 |
| 150 | 30.9 | 32.8 | 30.1 | 31.5 | 31.8 | 26.2 | 32 | 31 | 23.2 | 31.4 | 27.1 | | 27.6 | 23.9 | | 23.6 | 22.7 | | | 20.5 | 19.6 | 150 |
| 155 | | 31.6 | 28.9 | | 30.8 | 25.2 | 31 | 29.9 | 22.3 | 31.1 | 26.1 | | 27.3 | 22.9 | | 23.3 | 22.2 | | | 20.2 | 19.1 | 155 |
| 160 | | 30.5 | 27.7 | | 29.8 | 24.2 | | 28.8 | 21.5 | | 25.1 | 17.2 | | 22.1 | | 23 | 21.5 | | | 19.8 | 18.6 | 160 |
| 165 | | 29.4 | 26.5 | | 28.7 | 23.3 | | 27.8 | 20.6 | | 24.2 | 16.5 | | 21.2 | | | 20.7 | | | 18 | | 165 |
| 170 | | 28 | 25.4 | | 27.7 | 22.4 | | 26.8 | 19.9 | | 23.3 | 15.8 | | 20.5 | | | 19.9 | | | 17.4 | | 170 |
| 175 | | | 24.4 | | | 21.5 | | 25.7 | 19.1 | | 22.5 | 15.2 | | 19.7 | 12 | | 19.2 | | | 16.8 | | 175 |
| 180 | | | 23.4 | | | 20.6 | | | 18.5 | | 21.8 | 14.6 | | 19 | 11.5 | | 18.5 | 7.3 | | 16.2 | | 180 |
| 185 | | | | | | 19.8 | | | 17.8 | | | 14 | | | | | 17.9 | 7.3 | | 15.6 | | 185 |
| 190 | | | | | | 19 | | | 17.2 | | | 13.5 | | | | | 17.2 | 7.3 | | 15 | 7.2 | 190 |
| 195 | | | | | | | | | 16.6 | | | 13 | | | | | 10.1 | 7.3 | | 14.5 | 6.9 | 195 |
| 200 | | | | | | | | | | | | 12.5 | | | | | 9.6 | | | | 6.5 | 200 |
| 205 | | | | | | | | | | | | | | | | | 9.2 | | | | 6.2 | 205 |
| 210 | | | | | | | | | | | | | | | | | | | | 7 | 5.9 | 210 |
| 215 | | | | | | | | | | | | | | | | | | | | 6.8 | 5.6 | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | 6.4 | 5.3 | 220 |

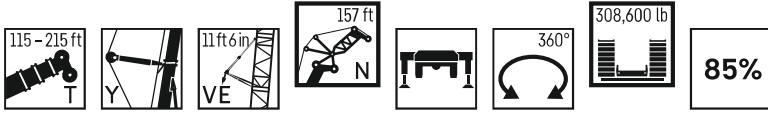
* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

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Lifting capacities

Forces de levage

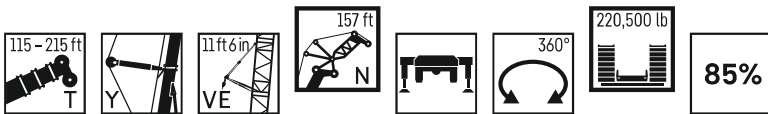
TYVEN 157 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 80 | 35.7 | | | 31.7 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 36.3 | | | 32.7 | | | | | | | | | | | | | | | | | | 85 |
| 90 | 36.6 | | | 33.4 | | | 30.8 | | | | | | | | | | | | | | | 90 |
| 95 | 36.6 | | | 33.9 | | | 31.3 | | | 27.3 | | | 24.3 | | | | | | | | | 95 |
| 100 | 36.4 | | | 34.3 | | | 31.5 | | | 28.2 | | | 24.7 | | | 22.1 | | | | | | 100 |
| 105 | 36.1 | | | 34.5 | | | 31.6 | | | 28.6 | | | 25.1 | | | 22.2 | | | 19.6 | | | 105 |
| 110 | 35.8 | 34.5 | | 34.5 | | | 31.6 | | | 28.8 | | | 25.1 | | | 22.2 | | | 19.6 | | | 110 |
| 115 | 35.5 | 34.4 | | 34.4 | 33.2 | | 31.5 | | | 28.8 | | | 25.1 | | | 22.1 | | | 19.5 | | | 115 |
| 120 | 35.2 | 34.3 | | 34.3 | 33.1 | | 31.3 | 30.7 | | 28.7 | | | 25 | | | 22.1 | | | 19.4 | | | 120 |
| 125 | 34.9 | 34.2 | | 34.2 | 33 | | 31.2 | 30.6 | | 28.4 | | | 24.8 | | | 21.9 | | | 19.3 | | | 125 |
| 130 | 34.7 | 34.1 | | 34 | 33 | | 31 | 30.4 | | 28.2 | 27.1 | | 24.6 | | | 21.7 | | | 19.1 | | | 130 |
| 135 | 34.5 | 34 | | 33.8 | 32.9 | | 30.8 | 30.2 | | 27.9 | 27 | | 24.3 | 23.2 | | 21.5 | | | 18.8 | | | 135 |
| 140 | 34 | 33.4 | 31 | 33.4 | 32.3 | | 30.5 | 30 | | 27.6 | 26.8 | | 24.1 | 23.1 | | 21.2 | 19.9 | | 18.6 | | | 140 |
| 145 | 33.1 | 32.3 | 30.5 | 32.9 | 31.3 | | 30.2 | 29.8 | | 27.3 | 26.6 | | 23.8 | 22.9 | | 20.9 | 19.8 | | 18.3 | | | 145 |
| 150 | 31.9 | 31.3 | 29.7 | 31.8 | 30.3 | | 29.9 | 29.6 | | 27 | 26.4 | | 23.5 | 22.7 | | 20.6 | 19.6 | | 18 | 16.7 | | 150 |
| 155 | 30.8 | 30.3 | 28.9 | 30.6 | 29.3 | 27 | 29.7 | 29 | | 26.7 | 26.2 | | 23.2 | 22.5 | | 20.4 | 19.4 | | 17.7 | 16.6 | | 155 |
| 160 | 29.7 | 29.3 | 28.1 | 29.6 | 28.4 | 26.3 | 29.3 | 28.2 | | 26.5 | 26 | | 23 | 22.3 | | 20.1 | 19.2 | | 17.4 | 16.4 | | 160 |
| 165 | 28.5 | 28.4 | 27.3 | 28.5 | 27.5 | 25.6 | 28.6 | 27.3 | 25.2 | 26.2 | 25.7 | | 22.7 | 22.1 | | 19.8 | 19.1 | | 17.1 | 16.2 | | 165 |
| 170 | 27.2 | 27.5 | 26.5 | 27.4 | 26.6 | 24.8 | 27.6 | 26.4 | 24.5 | 26 | 25.4 | 23.1 | 22.5 | 21.9 | | 19.5 | 18.9 | | 16.9 | 16 | | 170 |
| 175 | | 26.6 | 25.8 | | 25.8 | 24.2 | 26.6 | 25.6 | 23.8 | 25.8 | 24.7 | 22.3 | 22.3 | 21.7 | | 19.3 | 18.6 | | 16.6 | 15.5 | | 175 |
| 180 | | 25.7 | 25 | | 24.9 | 23.5 | | 24.8 | 23.1 | 24 | 21.5 | | 21.5 | 21.2 | 19.6 | 19.1 | 18.4 | | 16.3 | 15.1 | | 180 |
| 185 | | 24.7 | 24.3 | | 24.1 | 22.8 | | 24.1 | 22.5 | 23.3 | 20.7 | | 21.2 | 20.2 | 19.2 | | 18.2 | | 14.6 | 14.6 | | 185 |
| 190 | | 23.4 | 23.6 | | 23.3 | 22.2 | | 23.3 | 21.8 | 22.7 | 19.9 | | 20.9 | 18.6 | | 18 | | | 14.2 | 14.2 | | 190 |
| 195 | | | 22.9 | | 21.6 | 21.6 | | 22.5 | 21.2 | 22 | 19.2 | | 20.3 | 17.9 | | 17.6 | 6 | | 13.8 | 13.8 | | 195 |
| 200 | | | 22.2 | | 20.9 | 20.9 | | | 20.6 | 21.4 | 18.5 | | 19.8 | 17.3 | | 16.9 | 6 | | 13.3 | 6.3 | | 200 |
| 205 | | | | | 20.3 | 20.3 | | | 20.1 | | 17.9 | | | 16.6 | | 15.9 | 6 | | 12.9 | 6.4 | | 205 |
| 210 | | | | | | | | | 19.5 | | 17.2 | | | 16.1 | | 15.5 | 6 | | 12.5 | 6.4 | | 210 |
| 215 | | | | | | | | | 18.9 | | 16.6 | | | 15.5 | | 14.9 | 5.9 | | 12.2 | 6.4 | | 215 |
| 220 | | | | | | | | | | | 16.1 | | | 14.9 | | 14.4 | 5.8 | | 11.5 | 6.3 | | 220 |
| 225 | | | | | | | | | | | | | | 14.4 | | | 5.6 | | 11.5 | 6.2 | | 225 |
| 230 | | | | | | | | | | | | | | | | | 5.2 | | 11.5 | 6.1 | | 230 |
| 235 | | | | | | | | | | | | | | | | | 4.9 | | 11.5 | 6 | | 235 |
| 240 | | | | | | | | | | | | | | | | | 5.7 | | 11.5 | 5.7 | | 240 |

* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

t_180_64701_00_000



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 80 | 35.7 | | | 31.7 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 36.3 | | | 32.7 | | | | | | | | | | | | | | | | | | 85 |
| 90 | 36.6 | | | 33.4 | | | 30.8 | | | | | | | | | | | | | | | 90 |
| 95 | 36.6 | | | 33.9 | | | 31.3 | | | 27.3 | | | 24.3 | | | | | | | | | 95 |
| 100 | 36.4 | | | 34.3 | | | 31.5 | | | 28.2 | | | 24.7 | | | 22.1 | | | | | | 100 |
| 105 | 36.1 | | | 34.5 | | | 31.6 | | | 28.6 | | | 25.1 | | | 22.2 | | | 19.6 | | | 105 |
| 110 | 35.8 | 34.5 | | 34.5 | | | 31.6 | | | 28.8 | | | 25.1 | | | 22.2 | | | 19.6 | | | 110 |
| 115 | 35.5 | 34.4 | | 34.4 | 33.2 | | 31.5 | | | 28.8 | | | 25.1 | | | 22.1 | | | 19.5 | | | 115 |
| 120 | 35.2 | 34.3 | | 34.3 | 33.1 | | 31.3 | 30.7 | | 28.7 | | | 25 | | | 22.1 | | | 19.4 | | | 120 |
| 125 | 34.9 | 34.2 | | 34.2 | 33 | | 31.2 | 30.6 | | 28.4 | | | 24.8 | | | 21.9 | | | 19.3 | | | 125 |
| 130 | 34.7 | 34.1 | | 34 | 33 | | 31 | 30.4 | | 28.2 | 27.1 | | 24.6 | | | 21.7 | | | 19.1 | | | 130 |
| 135 | 34.5 | 34 | | 33.8 | 32.9 | | 30.8 | 30.2 | | 27.9 | 27 | | 24.3 | 23.2 | | 21.5 | | | 18.8 | | | 135 |
| 140 | 34 | 33.4 | 31 | 33.4 | 32.3 | | 30.5 | 30 | | 27.6 | 26.8 | | 24.1 | 23.1 | | 21.2 | 19.9 | | 18.6 | | | 140 |
| 145 | 33.1 | 32.3 | 30.5 | 32.9 | 31.3 | | 30.2 | 29.8 | | 27.3 | 26.5 | | 23.8 | 22.9 | | 20.9 | 19.8 | | 18.3 | | | 145 |
| 150 | 31.9 | 31.3 | 29.7 | 31.8 | 30.3 | | 29.9 | 29.6 | | 27 | 26 | | 23.5 | 22.7 | | 20.6 | 19.6 | | 18 | 16.7 | | 150 |
| 155 | 30.8 | 30.3 | 28.9 | 30.6 | 29.3 | 23.8 | 29.7 | 28.8 | | 26.7 | 25.1 | | 23.2 | 22.5 | | 20.4 | 19.4 | | 17.7 | 16.6 | | 155 |
| 160 | 29.7 | 29.3 | 28.1 | 29.6 | 28.4 | 22.9 | 29.3 | 27.8 | 20.5 | 26.5 | 24.2 | | 23 | 22.2 | | 20.1 | 19.2 | | 17.4 | 16.4 | | 160 |
| 165 | 28.5 | 28.4 | 27.3 | 28.5 | 27.5 | 22 | 28.6 | 26.8 | 19.7 | 26.2 | 23.3 | | 22.7 | 21.7 | | 19.8 | 19 | | 17.1 | 16.2 | | 165 |
| 170 | 27.2 | 27.5 | 26.5 | 27.4 | 26.6 | 21.2 | 27.6 | 25.8 | 18.9 | 26 | 22.4 | 14.8 | 22.5 | 20.9 | | 19.5 | 18.7 | | 16.9 | 16 | | 170 |
| 175 | | 26.6 | 25.8 | | 25.8 | 20.4 | 26.6 | 25 | 18.2 | 25.8 | 21.6 | 14.2 | 22.3 | 20.2 | | 19.3 | 18 | | 16.6 | 15.5 | | 175 |
| 180 | | 25.7 | 25 | | 24.9 | 19.7 | | 24.1 | 17.5 | 20.9 | 13.7 | | 19.4 | 18.8 | 11.7 | 19.1 | 17.3 | | 16.3 | 15 | | 180 |
| 185 | | 24.7 | 24.3 | | 24.1 | 19 | | 23.3 | 16.8 | 20.2 | 13.1 | | 18.8 | 17.2 | 11.2 | | 16.7 | | 14.4 | 14.4 | | 185 |
| 190 | | 23.4 | 23.6 | | 23.3 | 18.3 | | 22.5 | 16.2 | 19.5 | 12.6 | | 18.1 | 16.8 | 11.1 | | 16.1 | | 13.9 | 13.9 | | 190 |
| 195 | | | 22.9 | | 21.6 | 17.6 | | 21.6 | 15.7 | 18.8 | 12.1 | | 17.5 | 16.3 | 10.3 | | 15.5 | 6 | 13.4 | 5.6 | | 195 |
| 200 | | | 22.2 | | 20.9 | 16.9 | | | 15.1 | 18.2 | 11.6 | | 16.9 | 15.5 | 9.9 | | 15 | 6 | 12.9 | 5.3 | | 200 |
| 205 | | | | | 20.3 | 16.2 | | | 14.6 | | 11.2 | | | 14.5 | 9.5 | | 14.5 | 6 | 12.4 | 5 | | 205 |
| 210 | | | | | | | | | 14.1 | | 10.7 | | | | 9.1 | | 14.5 | 6 | 11.9 | 4.7 | | 210 |
| 215 | | | | | | | | | 13.6 | | 10.3 | | | | 8.7 | | 14.5 | 6 | 11.5 | 4.4 | | 215 |
| 220 | | | | | | | | | | | 9.9 | | | | 8.3 | | 14.5 | 6 | 11.5 | 4.1 | | 220 |
| 225 | | | | | | | | | | | | | | | 8 | | 14.5 | 6 | 11.5 | 3.9 | | 225 |
| 230 | | | | | | | | | | | | | | | | | 14.5 | 6 | 11.5 | 3.6 | | 230 |
| 235 | | | | | | | | | | | | | | | | | 14.5 | 6 | 11.5 | 3.4 | | 235 |
| 240 | | | | | | | | | | | | | | | | | 14.5 | 6 | 11.5 | 3.1 | | 240 |

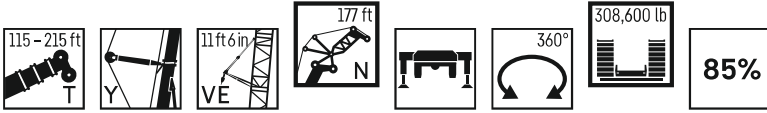
* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

t_180_64705_00_000

Lifting capacities

Forces de levage

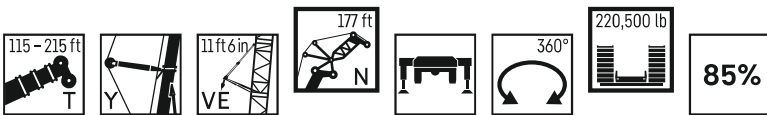
TYVEN 177 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 90 | 28.5 | | | 27.2 | | | | | | | | | | | | | | | | | | 90 |
| 95 | 28.9 | | | 27.5 | | | 23.9 | | | | | | | | | | | | | | | 95 |
| 100 | 29.3 | | | 27.7 | | | 24.6 | | | 22.2 | | | 16.5 | | | | | | | | | 100 |
| 105 | 29.5 | | | 27.8 | | | 25 | | | 22.7 | | | 19 | | | 17 | | | | | | 105 |
| 110 | 29.4 | | | 27.8 | | | 25.3 | | | 22.9 | | | 19.4 | | | 17.3 | | | | | | 110 |
| 115 | 29.3 | 27.9 | | 27.8 | | | 25.5 | | | 23.1 | | | 19.8 | | | 17.6 | | | 15.4 | | | 115 |
| 120 | 29.1 | 27.9 | | 27.8 | | | 25.5 | | | 23.1 | | | 20 | | | 17.7 | | | 15.5 | | | 120 |
| 125 | 28.8 | 27.8 | | 27.7 | 27 | | 25.4 | | | 23.1 | | | 20.1 | | | 17.7 | | | 15.5 | | | 125 |
| 130 | 28.6 | 27.7 | | 27.6 | 26.9 | | 25.4 | 25.1 | | 23 | | | 20.1 | | | 17.6 | | | 15.4 | | | 130 |
| 135 | 28.4 | 27.6 | | 27.5 | 26.8 | | 25.3 | 25 | | 22.9 | 22.2 | | 20.1 | | | 17.5 | | | 15.3 | | | 135 |
| 140 | 28.2 | 27.6 | | 27.4 | 26.8 | | 25.2 | 24.8 | | 22.8 | 22.1 | | 19.9 | | | 17.4 | | | 15.2 | | | 140 |
| 145 | 28 | 27.6 | | 27.3 | 26.7 | | 25.1 | 24.7 | | 22.7 | 21.9 | | 19.8 | | | 17.3 | | | 15.1 | | | 145 |
| 150 | 27.9 | 27.5 | | 27.1 | 26 | | 24.9 | 24.5 | | 22.5 | 21.8 | | 19.7 | 18.8 | | 17.1 | 16.1 | | 14.9 | | | 150 |
| 155 | 27.7 | 27.3 | 25.4 | 26.7 | 25.2 | | 24.7 | 24.3 | | 22.3 | 21.6 | | 19.5 | 18.6 | | 17 | 15.9 | | 14.7 | | | 155 |
| 160 | 27.6 | 27.1 | 25.4 | 26.1 | 24.5 | 21.7 | 24.6 | 24.2 | | 22.1 | 21.5 | | 19.3 | 18.5 | | 16.8 | 15.8 | | 14.5 | 13.2 | | 160 |
| 165 | 27.4 | 26.8 | 25.1 | 25.2 | 23.7 | 21.4 | 24.4 | 24 | | 21.9 | 21.3 | | 19.1 | 18.3 | | 16.5 | 15.6 | | 14.2 | 13.1 | | 165 |
| 170 | 26.6 | 25.9 | 24.4 | 24.3 | 22.9 | 20.8 | 24.2 | 23.9 | 22.2 | 21.7 | 21.1 | | 18.9 | 18.2 | | 16.3 | 15.5 | | 14 | 13 | | 170 |
| 175 | 25.7 | 25.1 | 23.8 | 23.5 | 22.2 | 20.2 | 24 | 23.6 | 21.7 | 21.4 | 21 | | 18.7 | 18 | | 16.1 | 15.3 | | 13.8 | 12.8 | | 175 |
| 180 | 24.8 | 24.4 | 23.2 | 22.7 | 21.5 | 19.7 | 23.8 | 23.1 | 21.1 | 21.2 | 20.8 | 19.2 | 18.4 | 17.8 | | 15.9 | 15.2 | | 13.5 | 12.7 | | 180 |
| 185 | 23.9 | 23.6 | 22.6 | 21.9 | 20.9 | 19.2 | 23.6 | 22.4 | 20.5 | 21 | 20.6 | 18.7 | 18.2 | 17.7 | | 15.7 | 15 | | 13.3 | 12.5 | | 185 |
| 190 | 22.9 | 22.9 | 21.9 | 21.1 | 20.2 | 18.6 | 23 | 21.8 | 20 | 20.9 | 20.5 | 18.2 | 18 | 17.5 | 16.1 | 15.4 | 14.8 | | 13.1 | 12.3 | | 190 |
| 195 | | 22.1 | 21.3 | | 19.5 | 18.1 | 22.2 | 21.1 | 19.4 | 20.8 | 19.9 | 17.7 | 17.9 | 17.3 | 15.8 | 15.3 | 14.7 | | 12.9 | 12.1 | | 195 |
| 200 | | 21.4 | 20.7 | | 18.9 | 17.6 | | 20.5 | 18.9 | | 19.3 | 17.2 | | 17.2 | 15.5 | 15.1 | 14.5 | 4 | | 11.8 | | 200 |
| 205 | | 20.6 | 20.1 | | 18.3 | 17.1 | | 19.9 | 18.4 | | 18.7 | 16.8 | | 17 | 15.3 | | 14.3 | 4.2 | | 11.5 | | 205 |
| 210 | | | 19.6 | | | 16.5 | | 19.3 | 17.9 | | 18.1 | 16.3 | | 16.9 | 14.9 | | 14.2 | 4.3 | | 11.2 | 4.5 | 210 |
| 215 | | | 19 | | | 16 | | 18.7 | 17.4 | | 17.6 | 15.8 | | 16.7 | 14.4 | | 14 | 4.4 | | 10.8 | 4.7 | 215 |
| 220 | | | 18.4 | | | 15.6 | | | 16.9 | | 17 | 15.4 | | 16.2 | 13.9 | | 13.8 | 4.4 | | 10.5 | 4.8 | 220 |
| 225 | | | | | | 15.1 | | | 16.5 | | | 14.9 | | | 13.4 | | 13.1 | 4.4 | | 10.2 | 4.9 | 225 |
| 230 | | | | | | | | | 16 | | | 14.5 | | | 12.9 | | | 4.4 | | 9.8 | 4.9 | 230 |
| 235 | | | | | | | | | 15.5 | | | 14.1 | | | 12.4 | | | 4.4 | | 9.5 | 4.8 | 235 |
| 240 | | | | | | | | | | | | 13.6 | | | 11.9 | | | 4.2 | | 9.4 | 4.7 | 240 |
| 245 | | | | | | | | | | | | | | | 11.5 | | | 4 | | 9.4 | 4.7 | 245 |
| 250 | | | | | | | | | | | | | | | | | | 3.7 | | 9.4 | 4.6 | 250 |
| 255 | | | | | | | | | | | | | | | | | | 3.4 | | 9.4 | 4.4 | 255 |
| 260 | | | | | | | | | | | | | | | | | | | | 9.4 | 4.1 | 260 |

* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

t_180_64801_00_000



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| 90 | 28.5 | | | 27.2 | | | | | | | | | | | | | | | | | | 90 |
| 95 | 28.9 | | | 27.5 | | | 23.9 | | | | | | | | | | | | | | | 95 |
| 100 | 29.3 | | | 27.7 | | | 24.6 | | | 22.2 | | | 16.5 | | | | | | | | | 100 |
| 105 | 29.5 | | | 27.8 | | | 25 | | | 22.7 | | | 19 | | | 17 | | | | | | 105 |
| 110 | 29.4 | | | 27.8 | | | 25.3 | | | 22.9 | | | 19.4 | | | 17.3 | | | | | | 110 |
| 115 | 29.3 | 27.9 | | 27.8 | | | 25.5 | | | 23.1 | | | 19.8 | | | 17.6 | | | 15.4 | | | 115 |
| 120 | 29.1 | 27.9 | | 27.8 | | | 25.5 | | | 23.1 | | | 20 | | | 17.7 | | | 15.5 | | | 120 |
| 125 | 28.8 | 27.8 | | 27.7 | 27 | | 25.4 | | | 23.1 | | | 20.1 | | | 17.7 | | | 15.5 | | | 125 |
| 130 | 28.6 | 27.7 | | 27.6 | 26.9 | | 25.4 | 25.1 | | 23 | | | 20.1 | | | 17.6 | | | 15.4 | | | 130 |
| 135 | 28.4 | 27.6 | | 27.5 | 26.8 | | 25.3 | 25 | | 22.9 | 22.2 | | 20.1 | | | 17.5 | | | 15.3 | | | 135 |
| 140 | 28.2 | 27.6 | | 27.4 | 26.8 | | 25.2 | 24.8 | | 22.8 | 22.1 | | 19.9 | | | 17.4 | | | 15.2 | | | 140 |
| 145 | 28 | 27.6 | | 27.3 | 26.7 | | 25.1 | 24.7 | | 22.7 | 21.9 | | 19.8 | | | 17.3 | | | 15.1 | | | 145 |
| 150 | 27.9 | 27.5 | | 27.1 | 26 | | 24.9 | 24.5 | | 22.5 | 21.8 | | 19.7 | 18.8 | | 17.1 | 16.1 | | 14.9 | | | 150 |
| 155 | 27.7 | 27.3 | 25.4 | 26.7 | 25.2 | | 24.7 | 24.3 | | 22.3 | 21.6 | | 19.5 | 18.6 | | 17 | 15.9 | | 14.7 | | | 155 |
| 160 | 27.6 | 27.1 | 25.2 | 26.1 | 24.5 | 21.7 | 24.6 | 24.2 | | 22.1 | 21.5 | | 19.3 | 18.5 | | 16.8 | 15.8 | | 14.5 | 13.2 | | 160 |
| 165 | 27.4 | 26.8 | 24.7 | 25.2 | 23.7 | 21.3 | 24.4 | 24 | | 21.9 | 21.3 | | 19.1 | 18.3 | | 16.5 | 15.6 | | 14.2 | 13.1 | | 165 |
| 170 | 26.6 | 25.9 | 23.7 | 24.3 | 22.9 | 20.5 | 24.2 | 23.9 | 17.9 | 21.7 | 21.1 | | 18.9 | 18.2 | | 16.3 | 15.5 | | 14 | 13 | | 170 |
| 175 | 25.7 | 25.1 | 22.8 | 23.5 | 22.2 | 19.8 | 24 | 23.6 | 17.3 | 21.4 | 20.9 | | 18.7 | 18 | | 16.1 | 15.3 | | 13.8 | 12.8 | | 175 |
| 180 | 24.8 | 24.4 | 21.8 | 22.7 | 21.5 | 19 | 23.8 | 23.1 | 16.6 | 21.2 | 20.4 | 13.1 | 18.4 | 17.8 | | 15.9 | 15.2 | | 13.5 | 12.7 | | 180 |
| 185 | 23.9 | 23.6 | 21 | 21.9 | 20.9 | 18.3 | 23.6 | 22.4 | 15.9 | 21 | 19.6 | 12.6 | 18.2 | 17.4 | | 15.7 | 15 | | 13.3 | 12.5 | | 185 |
| 190 | 22.9 | 22.9 | 20.1 | 21.1 | 20.2 | 17.7 | 23 | 21.7 | 15.3 | 20.9 | 18.9 | 12 | 18 | 16.8 | 9.3 | 15.4 | 14.7 | | 13.1 | 12.3 | | 190 |
| 195 | | 22.1 | 19.3 | | 19.5 | 17 | 22.2 | 21 | 14.8 | 20.8 | 18.3 | 11.5 | 17.9 | 16.2 | 8.9 | 15.3 | 14.2 | | 12.9 | 12 | | 195 |
| 200 | | 21.4 | 18.6 | | 18.9 | 16.4 | | 20.3 | 14.2 | | 17.7 | 11.1 | | 15.6 | 8.5 | 15.1 | 13.7 | 4 | | 11.5 | | 200 |
| 205 | | 20.6 | 17.9 | | 18.3 | 15.9 | | 19.6 | 13.7 | | 17.1 | 10.6 | | 15.1 | 8.1 | 15.1 | 13.2 | 4.2 | | 11.1 | 3.4 | 205 |
| 210 | | | 17.2 | | | 15.3 | | 18.9 | 13.2 | | 16.5 | 10.2 | | 14.5 | 7.7 | 15.1 | 12.7 | 4.3 | | 10.6 | 3.3 | 210 |
| 215 | | | 16.5 | | | 14.7 | | 18.2 | 12.7 | | 16 | 9.8 | | 14 | 7.4 | 15.1 | 12.2 | 4.4 | | 10.2 | 3 | 215 |
| 220 | | | 15.9 | | | 14.1 | | | 12.3 | | 15.5 | 9.4 | | 13.5 | 7 | 15.1 | 11.8 | 4.4 | | 9.8 | 2.7 | 220 |
| 225 | | | | | | 13.5 | | | 11.8 | | | 9 | | | 6.7 | 15.1 | 11.4 | 4.4 | | 9.4 | | 225 |
| 230 | | | | | | | | | 11.4 | | | 8.6 | | | 6.4 | 15.1 | 11.4 | 4.4 | | 9 | | 230 |
| 235 | | | | | | | | | 11 | | | 8.3 | | | 6.1 | 15.1 | 11.4 | 4.3 | | 8.7 | | 235 |
| 240 | | | | | | | | | | | | 7.9 | | | 5.8 | 15.1 | 11.4 | 4 | | 8.7 | | 240 |
| 245 | | | | | | | | | | | | | | | 5.5 | 15.1 | 11.4 | 3.8 | | 8.7 | | 245 |
| 250 | | | | | | | | | | | | | | | | 15.1 | 11.4 | 3.5 | | 8.7 | | 250 |
| 255 | | | | | | | | | | | | | | | | | 11.4 | 3.3 | | 8.7 | | 255 |

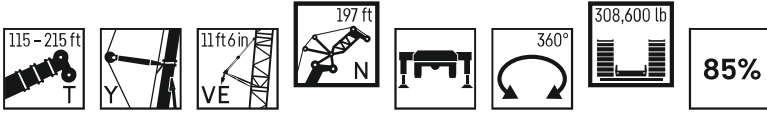
* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

t_180_64805_00_000

Lifting capacities

Forces de levage

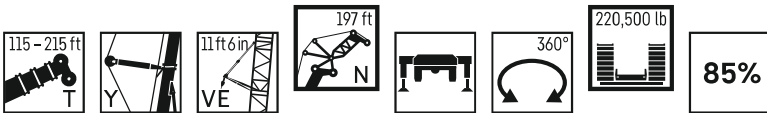
TYVEN 197 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | |
| | N 197 ft | | | | | | | | | | | | | | | | | | | | | |
| 95 | 22 | | | 20.8 | | | | | | | | | | | | | | | | | | 95 |
| 100 | 22.3 | | | 21.1 | | | 19 | | | 16.3 | | | | | | | | | | | | 100 |
| 105 | 22.5 | | | 21.4 | | | 19.3 | | | 17.1 | | | 13.9 | | | | | | | | | 105 |
| 110 | 22.8 | | | 21.6 | | | 19.6 | | | 17.4 | | | 14.4 | | | | | | | | | 110 |
| 115 | 23 | | | 21.7 | | | 19.8 | | | 17.6 | | | 14.7 | | | 11.3 | | | | | | 115 |
| 120 | 23.2 | | | 21.8 | | | 19.9 | | | 17.8 | | | 15 | | | 12.6 | | | | | | 120 |
| 125 | 23.3 | | | 21.9 | | | 19.9 | | | 18 | | | 15.2 | | | 12.9 | | | | | | 125 |
| 130 | 23.1 | | | 21.9 | | | 19.9 | | | 18 | | | 15.3 | | | 13.1 | | | | | | 130 |
| 135 | 23 | 22.2 | | 21.9 | 21.6 | | 19.9 | | | 17.9 | | | 15.3 | | | 13.3 | | | 10.6 | | | 135 |
| 140 | 22.8 | 22.1 | | 21.9 | 21.6 | | 19.8 | 20 | | 17.9 | | | 15.3 | | | 13.3 | | | 11.4 | | | 140 |
| 145 | 22.6 | 22.1 | | 21.8 | 21.5 | | 19.8 | 19.9 | | 17.8 | | | 15.2 | | | 13.3 | | | 11.4 | | | 145 |
| 150 | 22.4 | 22 | | 21.8 | 21.4 | | 19.7 | 19.8 | | 17.8 | 17.5 | | 15.1 | 14.8 | | 13.3 | | | 11.4 | | | 150 |
| 155 | 22.3 | 21.9 | | 21.7 | 21.4 | | 19.6 | 19.6 | | 17.7 | 17.4 | | 15.1 | 14.7 | | 13.2 | | | 11.3 | | | 155 |
| 160 | 22.1 | 21.9 | | 21.7 | 21.3 | | 19.6 | 19.5 | | 17.6 | 17.2 | | 15 | 14.6 | | 13.1 | 12.3 | | 11.2 | | | 160 |
| 165 | 22 | 21.7 | 20.3 | 21.6 | 21.2 | | 19.5 | 19.4 | | 17.5 | 17.1 | | 14.9 | 14.5 | | 13.1 | 12.2 | | 11.1 | | | 165 |
| 170 | 21.9 | 21.6 | 20.3 | 21.6 | 21.2 | | 19.4 | 19.2 | | 17.4 | 17 | | 14.8 | 14.3 | | 13 | 12.1 | | 11 | 9.9 | | 170 |
| 175 | 21.8 | 21.5 | 20.3 | 21.5 | 20.7 | 18.5 | 19.3 | 19.1 | | 17.3 | 16.8 | | 14.7 | 14.2 | | 12.8 | 12 | | 10.8 | 9.8 | | 175 |
| 180 | 21.7 | 21.4 | 20.3 | 21.3 | 20.2 | 18 | 19.2 | 19 | 17.9 | 17.1 | 16.7 | | 14.6 | 14.1 | | 12.7 | 11.9 | | 10.7 | 9.7 | | 180 |
| 185 | 21.6 | 21.4 | 20.3 | 21 | 19.6 | 17.5 | 19 | 18.8 | 17.7 | 17 | 16.6 | | 14.4 | 13.9 | | 12.5 | 11.7 | | 10.5 | 9.5 | | 185 |
| 190 | 21.6 | 21.3 | 20.1 | 20.3 | 19 | 17.1 | 18.9 | 18.7 | 17.2 | 16.9 | 16.4 | 15.4 | 14.3 | 13.8 | | 12.3 | 11.6 | | 10.3 | 9.4 | | 190 |
| 195 | 21.3 | 20.8 | 19.6 | 19.6 | 18.4 | 16.6 | 18.6 | 18.6 | 16.7 | 16.7 | 16.3 | 15.2 | 14.2 | 13.7 | | 12.2 | 11.5 | | 10.1 | 9.3 | | 195 |
| 200 | 20.7 | 20.2 | 19.1 | 18.9 | 17.8 | 16.1 | 18.3 | 18.1 | 16.3 | 16.6 | 16.2 | 14.9 | 14 | 13.5 | | 12 | 11.3 | | 9.9 | 9.1 | | 200 |
| 205 | 20 | 19.6 | 18.6 | 18.3 | 17.2 | 15.6 | 17.9 | 17.6 | 15.8 | 16.4 | 16.1 | 14.4 | 13.9 | 13.4 | 4.5 | 11.9 | 11.2 | | 9.8 | 9 | | 205 |
| 210 | | 19 | 18.1 | | 16.7 | 15.2 | 17.5 | 17.1 | 15.4 | 16.2 | 15.9 | 14 | 13.8 | 13.3 | 4.8 | 11.7 | 11.1 | | 9.6 | 8.8 | | 210 |
| 215 | | 18.4 | 17.6 | | 16.2 | 14.8 | 17 | 16.5 | 14.9 | 15.8 | 15.6 | 13.6 | 13.6 | 13.1 | 4.9 | 11.6 | 10.9 | | 9.4 | 8.7 | | 215 |
| 220 | | 17.8 | 17.1 | | 15.6 | 14.3 | | 16 | 14.5 | | 15.2 | 13.2 | | 13 | 5 | 11.4 | 10.8 | | 9.3 | 8.6 | | 220 |
| 225 | | 17.1 | 16.7 | | 15.1 | 13.9 | | 15.6 | 14.1 | | 14.7 | 12.8 | | 12.9 | 5 | | 10.7 | | | 8.4 | | 225 |
| 230 | | | 16.2 | | | 13.5 | | 15 | 13.7 | | 14.2 | 12.5 | | 12.8 | 5.1 | | 10.6 | 2.7 | | 8.3 | 3 | 230 |
| 235 | | | 15.7 | | | 13.1 | | 14.5 | 13.3 | | 13.7 | 12.1 | | 12.7 | 5.1 | | 10.4 | 2.7 | | 8.1 | 3.1 | 235 |
| 240 | | | 15.2 | | | 12.6 | | | 12.9 | | 13.2 | 11.7 | | 11.8 | 5 | | 10.3 | 2.7 | | 8 | 3.1 | 240 |
| 245 | | | | | | 12.2 | | | 12.5 | | | 11.3 | | | 4.8 | | 10 | 2.8 | | 7.8 | 3.2 | 245 |
| 250 | | | | | | | | | 12.1 | | | 11 | | | 4.5 | | | 2.7 | | 7.6 | 3.2 | 250 |
| 255 | | | | | | | | | 11.8 | | | 10.6 | | | 4.2 | | | 2.7 | | 7.4 | 3.2 | 255 |
| 260 | | | | | | | | | | | | 10.3 | | | 3.8 | | | | | | 3.1 | 260 |
| 265 | | | | | | | | | | | | | | | 3.3 | | | | | | 3 | 265 |
| 270 | | | | | | | | | | | | | | | | | | | | | 2.9 | 270 |
| 275 | | | | | | | | | | | | | | | | | | | | | 2.7 | 275 |

* adapter 11 ft 6 in - telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in - rallonge de flèche télescopique 11 ft 6 in

t_180_64901_00_000

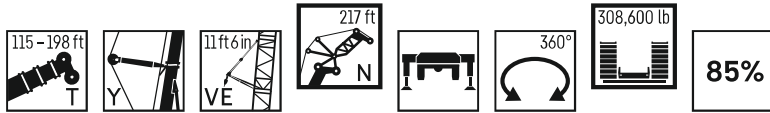


| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | 215 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-------|-----------------|------|-----|-----------------|------|-----|-----------------|-----|--|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | | |
| | N 197 ft | | | | | | | | | | | | | | | | | | | | | |
| 95 | 22 | | | 20.8 | | | | | | | | | | | | | | | | | | 95 |
| 100 | 22.3 | | | 21.1 | | | 19 | | | 16.3 | | | | | | | | | | | | 100 |
| 105 | 22.5 | | | 21.4 | | | 19.3 | | | 17.1 | | | 13.9 | | | | | | | | | 105 |
| 110 | 22.8 | | | 21.6 | | | 19.6 | | | 17.4 | | | 14.4 | | | | | | | | | 110 |
| 115 | 23 | | | 21.7 | | | 19.8 | | | 17.6 | | | 14.7 | | | 11.3 | | | | | | 115 |
| 120 | 23.2 | | | 21.8 | | | 19.9 | | | 17.8 | | | 15 | | | 12.6 | | | | | | 120 |
| 125 | 23.3 | | | 21.9 | | | 19.9 | | | 18 | | | 15.2 | | | 12.9 | | | | | | 125 |
| 130 | 23.1 | | | 21.9 | | | 19.9 | | | 18 | | | 15.3 | | | 13.1 | | | | | | 130 |
| 135 | 23 | 22.2 | | 21.9 | 21.6 | | 19.9 | | | 17.9 | | | 15.3 | | | 13.3 | | | 10.6 | | | 135 |
| 140 | 22.8 | 22.1 | | 21.9 | 21.6 | | 19.8 | 20 | | 17.9 | | | 15.3 | | | 13.3 | | | 11.4 | | | 140 |
| 145 | 22.6 | 22.1 | | 21.8 | 21.5 | | 19.8 | 19.9 | | 17.8 | | | 15.2 | | | 13.3 | | | 11.4 | | | 145 |
| 150 | 22.4 | 22 | | 21.8 | 21.4 | | 19.7 | 19.8 | | 17.8 | 17.5 | | 15.1 | 14.8 | | 13.3 | | | 11.4 | | | 150 |
| 155 | 22.3 | 21.9 | | 21.7 | 21.4 | | 19.6 | 19.6 | | 17.7 | 17.4 | | 15.1 | 14.7 | | 13.2 | | | 11.3 | | | 155 |
| 160 | 22.1 | 21.9 | | 21.7 | 21.3 | | 19.6 | 19.5 | | 17.6 | 17.2 | | 15 | 14.6 | | 13.1 | 12.3 | | 11.2 | | | 160 |
| 165 | 22 | 21.7 | 20.3 | 21.6 | 21.2 | | 19.5 | 19.4 | | 17.5 | 17.1 | | 14.9 | 14.5 | | 13.1 | 12.2 | | 11.1 | | | 165 |
| 170 | 21.9 | 21.6 | 20.3 | 21.6 | 21.2 | | 19.4 | 19.2 | | 17.4 | 17 | | 14.8 | 14.3 | | 13 | 12.1 | | 11 | 9.9 | | 170 |
| 175 | 21.8 | 21.5 | 20.3 | 21.5 | 20.7 | 18.4 | 19.3 | 19.1 | | 17.3 | 16.8 | | 14.7 | 14.2 | | 12.8 | 12 | | 10.8 | 9.8 | | 175 |
| 180 | 21.7 | 21.4 | 20.3 | 21.3 | 20.2 | 17.8 | 19.2 | 19 | 15.6 | 17.1 | 16.7 | | 14.6 | 14.1 | | 12.7 | 11.9 | | 10.7 | 9.7 | | 180 |
| 185 | 21.6 | 21.4 | 20.2 | 21 | 19.6 | 17.1 | 19 | 18.8 | 15 | 17 | 16.6 | | 14.4 | 13.9 | | 12.5 | 11.7 | | 10.5 | 9.5 | | 185 |
| 190 | 21.6 | 21.3 | 19.7 | 20.3 | 19 | 16.4 | 18.9 | 18.7 | 14.4 | 16.9 | 16.4 | 11.1 | 14.3 | 13.8 | | 12.3 | 11.6 | | 10.3 | 9.4 | | 190 |
| 195 | 21.3 | 20.8 | 18.9 | 19.6 | 18.4 | 15.8 | 18.6 | 18.6 | 13.8 | 16.7 | 16.3 | 10.6 | 14.2 | 13.7 | | 12.2 | 11.5 | | 10.1 | 9.3 | | 195 |
| 200 | 20.7 | 20.2 | 18.2 | 18.9 | 17.8 | 15.2 | 18.3 | 18.1 | 13.3 | 16.6 | 16.2 | 10.1 | 14 | 13.5 | 4.2 | 12 | 11.3 | | 9.9 | 9.1 | | 200 |
| 205 | 20 | 19.6 | 17.5 | 18.3 | 17.2 | 14.7 | 17.9 | 17.6 | 12.8 | 16.4 | 16 | 9.7 | 13.9 | 13.4 | 4.5 | 11.9 | 11.2 | | 9.8 | 9 | | 205 |
| 210 | | 19 | 16.8 | | 16.7 | 14.1 | 17.5 | 17.1 | 12.3 | 16.2 | 15.7 | 9.3 | 13.8 | 13.3 | 4.8 | 11.7 | 11.1 | | 9.6 | 8.8 | | 210 |
| 215 | | 18.4 | 16.1 | | 16.2 | 13.6 | | 16.5 | 11.8 | 15.8 | 15.1 | 8.9 | 13.6 | 13.1 | 4.9 | 11.6 | 10.9 | | 9.4 | 8.7 | | 215 |
| 220 | | 17.8 | 15.5 | | 15.6 | 13.1 | | 16 | 11.3 | | 14.6 | 8.5 | | 12.9 | 5 | 11.4 | 10.6 | | 9.3 | 8.5 | | 220 |
| 225 | | 17.1 | 14.9 | | 15.1 | 12.7 | | 15.6 | 10.9 | | 14.1 | 8.1 | | 12.6 | 5 | | 10.2 | | | 8.3 | | 225 |
| 230 | | | 14.3 | | | 12.2 | | 15 | 10.5 | | 13.6 | 7.7 | | 12.1 | 5.1 | | 9.8 | 2.7 | | 7.9 | | 230 |
| 235 | | | 13.8 | | | 11.8 | | 14.5 | 10.1 | | 13.2 | 7.4 | | 11.7 | 5.1 | | 9.4 | 2.7 | | 7.6 | | 235 |
| 240 | | | 13.3 | | | 11.3 | | | 9.7 | | 12.8 | 7.1</ | | | | | | | | | | |

Lifting capacities

Forces de levage

TYVEN 217 ft



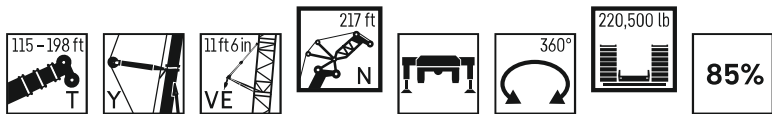
| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|-----|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | | |
| 95 | 18.3 | | | | | | | | | | | | | | | | | 95 | |
| 100 | 18.4 | | | 16 | | | 15 | | | | | | | | | | | 100 | |
| 105 | 18.5 | | | 16.3 | | | 15.3 | | | 13 | | | | | | | | 105 | |
| 110 | 18.6 | | | 16.5 | | | 15.4 | | | 13.3 | | | | | | | | 110 | |
| 115 | 18.7 | | | 16.8 | | | 15.6 | | | 13.6 | | | 9.2 | | | | 7.8 | 115 | |
| 120 | 18.8 | | | 16.9 | | | 15.7 | | | 13.7 | | | 10.1 | | | | 8.8 | 120 | |
| 125 | 18.8 | | | 17.1 | | | 15.8 | | | 13.9 | | | 11 | | | | 9.1 | 125 | |
| 130 | 18.8 | | | 17.2 | | | 15.8 | | | 14 | | | 11.2 | | | | 9.3 | 130 | |
| 135 | 18.8 | | | 17.3 | | | 15.7 | | | 14 | | | 11.4 | | | | 9.5 | 135 | |
| 140 | 18.7 | 17.7 | | 17.3 | | | 15.7 | | | 14 | | | 11.5 | | | | 9.7 | 140 | |
| 145 | 18.5 | 17.8 | | 17.3 | 17.1 | | 15.7 | 15.9 | | 13.9 | | | 11.6 | | | | 9.8 | 145 | |
| 150 | 18.4 | 17.8 | | 17.3 | 17.2 | | 15.6 | 15.9 | | 13.9 | | | 11.7 | | | | 9.8 | 150 | |
| 155 | 18.2 | 17.8 | | 17.3 | 17.2 | | 15.5 | 15.9 | | 13.8 | 13.9 | | 11.7 | | | | 9.7 | 155 | |
| 160 | 18.1 | 17.7 | | 17.3 | 17.2 | | 15.5 | 15.8 | | 13.8 | 13.8 | | 11.6 | 11.6 | | | 9.7 | 160 | |
| 165 | 18 | 17.7 | | 17.3 | 17.2 | | 15.4 | 15.7 | | 13.7 | 13.7 | | 11.6 | 11.4 | | | 9.6 | 165 | |
| 170 | 17.9 | 17.6 | | 17.2 | 17.1 | | 15.3 | 15.6 | | 13.6 | 13.6 | | 11.5 | 11.3 | | | 9.6 | 170 | |
| 175 | 17.7 | 17.5 | | 17.2 | 17.1 | | 15.3 | 15.4 | | 13.6 | 13.5 | | 11.5 | 11.2 | | | 9.5 | 8.3 | 175 |
| 180 | 17.6 | 17.4 | 16.2 | 17.1 | 17 | | 15.2 | 15.3 | | 13.5 | 13.4 | | 11.4 | 11.1 | | | 9.5 | 8.4 | 180 |
| 185 | 17.6 | 17.3 | 16.2 | 17 | 17 | 15.3 | 15.1 | 15.2 | | 13.4 | 13.3 | | 11.4 | 11 | | | 9.4 | 8.4 | 185 |
| 190 | 17.5 | 17.1 | 16.2 | 16.8 | 16.9 | 15.5 | 14.9 | 15.1 | 14.1 | 13.3 | 13.2 | | 11.3 | 10.9 | | | 9.3 | 8.4 | 190 |
| 195 | 17.4 | 17.1 | 15.9 | 16.7 | 16.8 | 15 | 14.7 | 15 | 14.1 | 13.2 | 13.1 | | 11.2 | 10.8 | | | 9.2 | 8.4 | 195 |
| 200 | 17.3 | 16.8 | 15.5 | 16.5 | 16.5 | 14.6 | 14.5 | 14.9 | 13.8 | 13.1 | 12.9 | | 11.1 | 10.7 | | | 9.1 | 8.3 | 200 |
| 205 | 17.1 | 16.4 | 15.1 | 16.3 | 16.1 | 14.2 | 14.3 | 14.8 | 13.4 | 13 | 12.8 | 10.6 | 11 | 10.6 | | | 9 | 8.1 | 205 |
| 210 | 16.6 | 15.9 | 14.7 | 16.1 | 15.5 | 13.8 | 14.1 | 14.7 | 13 | 12.9 | 12.7 | 10.7 | 10.9 | 10.5 | | | 8.9 | 8 | 210 |
| 215 | 16 | 15.4 | 14.2 | 15.9 | 15.1 | 13.4 | 13.8 | 14.4 | 12.6 | 12.7 | 12.6 | 10.8 | 10.8 | 10.4 | | | 8.8 | 7.9 | 215 |
| 220 | 15.4 | 14.9 | 13.8 | 15.6 | 14.6 | 13 | 13.5 | 13.9 | 12.2 | 12.4 | 12.5 | 10.8 | 10.7 | 10.3 | | | 8.7 | 7.7 | 220 |
| 225 | 14.8 | 14.4 | 13.5 | 15.2 | 14.1 | 12.7 | 13.1 | 13.5 | 11.9 | 12.1 | 12.5 | 10.7 | 10.5 | 10.2 | 3.2 | | 8.6 | 7.4 | 225 |
| 230 | | 13.9 | 13.1 | | 13.7 | 12.3 | 12.8 | 13 | 11.5 | 11.7 | 12.3 | 10.5 | 10.2 | 10.1 | 3.3 | | 8.5 | 7.1 | 230 |
| 235 | | 13.4 | 12.7 | | 13.2 | 11.9 | 12.4 | 12.6 | 11.1 | 11.3 | 12 | 10.1 | 9.8 | 10 | 3.4 | | 8.1 | 6.8 | 235 |
| 240 | | 12.9 | 12.3 | | 12.7 | 11.5 | | 12.2 | 10.7 | | 11.6 | 9.8 | | 9.9 | 3.4 | | 7.7 | 6.3 | 240 |
| 245 | | | 11.9 | | 12.3 | 11.1 | | 11.8 | 10.4 | | 11.2 | 9.5 | | 9.8 | 3.5 | | | 5.8 | 245 |
| 250 | | | 11.5 | | | 10.8 | | 11.4 | 10.1 | | 10.8 | 9.1 | | 9.8 | 3.5 | | | 5.3 | 250 |
| 255 | | | 11.1 | | | 10.4 | | 10.8 | 9.8 | | 10.5 | 8.8 | | 9.7 | 3.4 | | | 4.8 | 255 |
| 260 | | | 10.7 | | | 10.1 | | | 9.4 | | 10 | 8.5 | | 9.2 | 3.3 | | | 4.2 | 260 |
| 265 | | | | | 9.7 | | | | 9.1 | | | 8.2 | | | | | | 3.5 | 265 |
| 270 | | | | | | | | | 8.7 | | | 7.8 | | | | | | | 270 |
| 275 | | | | | | | | | 8.2 | | | 7.1 | | | | | | | 275 |
| 280 | | | | | | | | | | | | 6.2 | | | | | | | 280 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

Lifting capacities

Forces de levage

TYVEN 217 ft



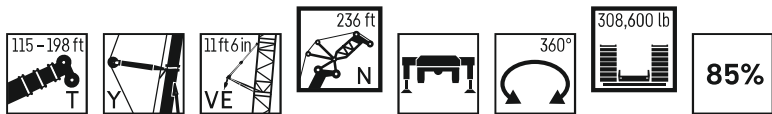
| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | | 198 ft + 23 ft* | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|------|-----|-----------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | |
| 95 | 18.3 | | | | | | | | | | | | | | | | | 95 |
| 100 | 18.4 | | | 16 | | | 15 | | | | | | | | | | | 100 |
| 105 | 18.5 | | | 16.3 | | | 15.3 | | | 13 | | | | | | | | 105 |
| 110 | 18.6 | | | 16.5 | | | 15.4 | | | 13.3 | | | | | | | | 110 |
| 115 | 18.7 | | | 16.8 | | | 15.6 | | | 13.6 | | | 9.2 | | | 7.8 | | 115 |
| 120 | 18.8 | | | 16.9 | | | 15.7 | | | 13.7 | | | 10.1 | | | 8.8 | | 120 |
| 125 | 18.8 | | | 17.1 | | | 15.8 | | | 13.9 | | | 11 | | | 9.1 | | 125 |
| 130 | 18.8 | | | 17.2 | | | 15.8 | | | 14 | | | 11.2 | | | 9.3 | | 130 |
| 135 | 18.8 | | | 17.3 | | | 15.7 | | | 14 | | | 11.4 | | | 9.5 | | 135 |
| 140 | 18.7 | 17.7 | | 17.3 | | | 15.7 | | | 14 | | | 11.5 | | | 9.7 | | 140 |
| 145 | 18.5 | 17.8 | | 17.3 | 17.1 | | 15.7 | 15.9 | | 13.9 | | | 11.6 | | | 9.8 | | 145 |
| 150 | 18.4 | 17.8 | | 17.3 | 17.2 | | 15.6 | 15.9 | | 13.9 | | | 11.7 | | | 9.8 | | 150 |
| 155 | 18.2 | 17.8 | | 17.3 | 17.2 | | 15.5 | 15.9 | | 13.8 | 13.9 | | 11.7 | | | 9.7 | | 155 |
| 160 | 18.1 | 17.7 | | 17.3 | 17.2 | | 15.5 | 15.8 | | 13.8 | 13.8 | | 11.6 | 11.6 | | 9.7 | | 160 |
| 165 | 18 | 17.7 | | 17.3 | 17.2 | | 15.4 | 15.7 | | 13.7 | 13.7 | | 11.6 | 11.4 | | 9.6 | | 165 |
| 170 | 17.9 | 17.6 | | 17.2 | 17.1 | | 15.3 | 15.6 | | 13.6 | 13.6 | | 11.5 | 11.3 | | 9.6 | | 170 |
| 175 | 17.7 | 17.5 | | 17.2 | 17.1 | | 15.3 | 15.4 | | 13.6 | 13.5 | | 11.5 | 11.2 | | 9.5 | 8.3 | 175 |
| 180 | 17.6 | 17.4 | 16.2 | 17.1 | 17 | | 15.2 | 15.3 | | 13.5 | 13.4 | | 11.4 | 11.1 | | 9.5 | 8.4 | 180 |
| 185 | 17.6 | 17.3 | 16.2 | 17 | 17 | 15.3 | 15.1 | 15.2 | | 13.4 | 13.3 | | 11.4 | 11 | | 9.4 | 8.4 | 185 |
| 190 | 17.5 | 17.1 | 16.2 | 16.8 | 16.9 | 15.2 | 14.9 | 15.1 | 13.5 | 13.3 | 13.2 | | 11.3 | 10.9 | | 9.3 | 8.4 | 190 |
| 195 | 17.4 | 17.1 | 15.9 | 16.7 | 16.8 | 14.7 | 14.7 | 15 | 12.9 | 13.2 | 13.1 | | 11.2 | 10.8 | | 9.2 | 8.4 | 195 |
| 200 | 17.3 | 16.8 | 15.5 | 16.5 | 16.5 | 14.1 | 14.5 | 14.9 | 12.4 | 13.1 | 12.9 | 9.3 | 11.1 | 10.7 | | 9.1 | 8.3 | 200 |
| 205 | 17.1 | 16.4 | 15.1 | 16.3 | 16.1 | 13.6 | 14.3 | 14.8 | 11.9 | 13 | 12.8 | 8.9 | 11 | 10.6 | | 9 | 8.1 | 205 |
| 210 | 16.6 | 15.9 | 14.7 | 16.1 | 15.5 | 13 | 14.1 | 14.7 | 11.4 | 12.9 | 12.7 | 8.5 | 10.9 | 10.5 | | 8.9 | 8 | 210 |
| 215 | 16 | 15.4 | 14.2 | 15.9 | 15.1 | 12.5 | 13.8 | 14.4 | 10.9 | 12.7 | 12.6 | 8.1 | 10.8 | 10.4 | | 8.8 | 7.9 | 215 |
| 220 | 15.4 | 14.9 | 13.8 | 15.6 | 14.6 | 12 | 13.5 | 13.9 | 10.5 | 12.4 | 12.5 | 7.7 | 10.7 | 10.3 | | 8.7 | 7.7 | 220 |
| 225 | 14.8 | 14.4 | 13.5 | 15.2 | 14.1 | 11.6 | 13.1 | 13.5 | 10.1 | 12.1 | 12.5 | 7.3 | 10.5 | 10.2 | 3.2 | 8.6 | 7.4 | 225 |
| 230 | | 13.9 | 13.1 | | 13.7 | 11.2 | 12.8 | 13 | 9.6 | 11.7 | 12.3 | 6.9 | 10.2 | 10.1 | 3.3 | 8.5 | 7.1 | 230 |
| 235 | | 13.4 | 12.7 | | 13.2 | 10.7 | 12.4 | 12.6 | 9.2 | 11.3 | 12 | 6.6 | 9.8 | 10 | 3.4 | 8.1 | 6.8 | 235 |
| 240 | | 12.9 | 12.3 | | 12.7 | 10.3 | | 12.2 | 8.9 | | 11.6 | 6.3 | | 9.9 | 3.4 | 7.7 | 6.3 | 240 |
| 245 | | | 11.9 | | 12.3 | 9.9 | | 11.8 | 8.5 | | 11.2 | 6 | | 9.8 | 3.5 | | 5.8 | 245 |
| 250 | | | 11.5 | | | 9.5 | | 11.4 | 8.2 | | 10.8 | 5.7 | | 9.5 | 3.5 | | 5.3 | 250 |
| 255 | | | 11.1 | | | 9.2 | | 10.8 | 7.8 | | 10.5 | 5.4 | | 9.1 | 3.4 | | 4.8 | 255 |
| 260 | | | 10.7 | | | 8.8 | | | 7.5 | | 10 | 5.1 | | 8.8 | 3.2 | | 4.2 | 260 |
| 265 | | | | | | 8.5 | | | | | | 4.8 | | | | | 3.5 | 265 |
| 270 | | | | | | | | | | | | 4.5 | | | | | | 270 |
| 275 | | | | | | | | | | | | 4.3 | | | | | | 275 |
| 280 | | | | | | | | | | | | 4 | | | | | | 280 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

Lifting capacities

Forces de levage

TYVEN 236 ft



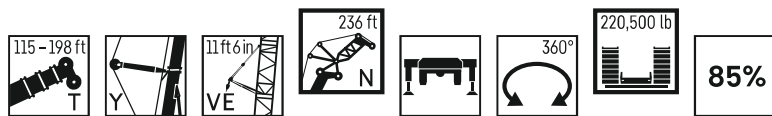
| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | 198 ft + 23 ft* | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|-----|-----------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 82° | 75° | |
| 100 | 14.3 | | | | | | | | | | | | | | | | 100 |
| 105 | 14.3 | | | 12.3 | | | 11.3 | | | | | | | | | | 105 |
| 110 | 14.4 | | | 12.4 | | | 11.6 | | | | | | | | | | 110 |
| 115 | 14.5 | | | 12.6 | | | 11.8 | | | 9.7 | | | 6.7 | | | | 115 |
| 120 | 14.6 | | | 12.8 | | | 12 | | | 10.1 | | | 7.3 | | | | 120 |
| 125 | 14.6 | | | 13 | | | 12.1 | | | 10.3 | | | 7.7 | | 4.9 | | 125 |
| 130 | 14.7 | | | 13.1 | | | 12.2 | | | 10.5 | | | 8.2 | | 5.7 | | 130 |
| 135 | 14.6 | | | 13.2 | | | 12.2 | | | 10.7 | | | 8.4 | | 6.3 | | 135 |
| 140 | 14.5 | | | 13.3 | | | 12.3 | | | 10.7 | | | 8.5 | | 6.7 | | 140 |
| 145 | 14.5 | 13.2 | | 13.4 | | | 12.3 | | | 10.8 | | | 8.7 | | 6.9 | | 145 |
| 150 | 14.4 | 13.4 | | 13.4 | | | 12.3 | | | 10.8 | | | 8.7 | | 7 | | 150 |
| 155 | 14.3 | 13.5 | | 13.4 | 12.8 | | 12.2 | | | 10.8 | | | 8.8 | | 7.1 | | 155 |
| 160 | 14.3 | 13.6 | | 13.4 | 13 | | 12.2 | 12.2 | | 10.8 | | | 8.8 | | 7.2 | | 160 |
| 165 | 14.2 | 13.7 | | 13.5 | 13.1 | | 12.1 | 12.4 | | 10.7 | 10.9 | | 8.8 | | 7.2 | | 165 |
| 170 | 14.1 | 13.8 | | 13.5 | 13.2 | | 12.1 | 12.4 | | 10.7 | 10.8 | | 8.7 | 8.9 | 7.2 | | 170 |
| 175 | 14 | 13.7 | | 13.4 | 13.3 | | 12 | 12.3 | | 10.6 | 10.7 | | 8.7 | 8.8 | 7.1 | | 175 |
| 180 | 13.9 | 13.7 | | 13.4 | 13.3 | | 11.9 | 12.3 | | 10.6 | 10.7 | | 8.7 | 8.7 | 7.1 | 6.2 | 180 |
| 185 | 13.8 | 13.6 | 11.7 | 13.3 | 13.3 | | 11.8 | 12.2 | | 10.5 | 10.6 | | 8.6 | 8.6 | 7.1 | 6.3 | 185 |
| 190 | 13.7 | 13.5 | 11.9 | 13.2 | 13.2 | | 11.7 | 12.1 | | 10.5 | 10.5 | | 8.6 | 8.5 | 7 | 6.3 | 190 |
| 195 | 13.6 | 13.5 | 12.1 | 13 | 13.2 | | 11.6 | 12 | | 10.4 | 10.4 | | 8.5 | 8.4 | 7 | 6.4 | 195 |
| 200 | 13.5 | 13.4 | 12.3 | 12.9 | 13.1 | 11.4 | 11.5 | 11.9 | | 10.4 | 10.3 | | 8.5 | 8.3 | 6.9 | 6.4 | 200 |
| 205 | 13.4 | 13.3 | 12.4 | 12.8 | 13 | 11.6 | 11.3 | 11.8 | 10.6 | 10.3 | 10.2 | | 8.4 | 8.2 | 6.9 | 6.4 | 205 |
| 210 | 13.3 | 13.3 | 12.5 | 12.7 | 13 | 11.8 | 11.2 | 11.8 | 10.7 | 10.1 | 10.1 | 7.9 | 8.4 | 8.1 | 6.8 | 6.4 | 210 |
| 215 | 13.2 | 13.2 | 12.5 | 12.5 | 12.9 | 11.9 | 11 | 11.7 | 10.8 | 10 | 10 | 8 | 8.3 | 8.1 | 6.7 | 6.3 | 215 |
| 220 | 13 | 13.2 | 12.4 | 12.4 | 12.9 | 11.7 | 10.8 | 11.6 | 10.7 | 9.8 | 9.9 | 8.2 | 8.2 | 8 | 6.6 | 6.2 | 220 |
| 225 | 12.9 | 13.1 | 12.2 | 12.2 | 12.8 | 11.3 | 10.6 | 11.5 | 10.6 | 9.7 | 9.8 | 8.3 | 8.1 | 7.9 | 6.6 | 6.1 | 225 |
| 230 | 12.8 | 13 | 11.8 | 12.1 | 12.7 | 11 | 10.4 | 11.5 | 10.2 | 9.5 | 9.8 | 8.4 | 8.1 | 7.8 | 6.5 | 6 | 230 |
| 235 | 12.7 | 12.5 | 11.4 | 11.9 | 12.3 | 10.7 | 10.1 | 11.4 | 9.9 | 9.3 | 9.7 | 8.4 | 7.8 | 7.7 | 6.4 | 5.8 | 235 |
| 240 | 12.5 | 12.1 | 11.1 | 11.8 | 11.9 | 10.3 | 9.9 | 11.2 | 9.6 | 9 | 9.6 | 8.3 | 7.6 | 7.6 | 6.2 | 5.6 | 240 |
| 245 | 12.1 | 11.7 | 10.8 | 11.6 | 11.4 | 10 | 9.6 | 10.8 | 9.3 | 8.7 | 9.6 | 8.1 | 7.3 | 7.6 | 6 | 5.4 | 245 |
| 250 | | 11.3 | 10.5 | | 11 | 9.7 | 9.4 | 10.5 | 9 | 8.5 | 9.5 | 7.9 | 7 | 7.5 | 5.7 | 5.2 | 250 |
| 255 | | 10.9 | 10.1 | | 10.6 | 9.4 | 9 | 10.1 | 8.6 | 8.2 | 9.5 | 7.7 | 6.7 | 7.4 | 5.4 | 4.8 | 255 |
| 260 | | 10.4 | 9.8 | | 10.3 | 9.1 | | 9.7 | 8.3 | | 9.2 | 7.5 | | 7.4 | 5 | 4.4 | 260 |
| 265 | | | 9.4 | | 9.8 | 8.8 | | 9.4 | 8.1 | | 8.9 | 7.2 | | 7 | | 3.9 | 265 |
| 270 | | | 9.1 | | | 8.5 | | 9 | 7.8 | | 8.5 | 7 | | 6.3 | | 3.5 | 270 |
| 275 | | | 8.8 | | | 8.1 | | 8.5 | 7.6 | | 8.2 | 6.8 | | 5.4 | | 3.1 | 275 |
| 280 | | | 8.4 | | | 7.9 | | | 7.3 | | 7.8 | 6.6 | | 4.5 | | | 280 |
| 285 | | | | | | 7.6 | | | 7.1 | | | 6.3 | | | | | 285 |
| 290 | | | | | | | | | 6.8 | | | 6 | | | | | 290 |
| 295 | | | | | | | | | 6.4 | | | 5.6 | | | | | 295 |
| 300 | | | | | | | | | | | | 4.7 | | | | | 300 |

* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

Lifting capacities

Forces de levage

TYVEN 236 ft



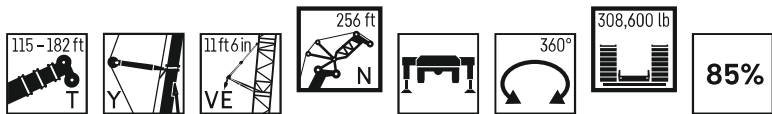
| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | 198 ft + 23 ft* | | |
|-----|-----------------|------|------|-----------------|------|------|-----------------|------|------|-----------------|------|-----|-----------------|-----|-----------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 82° | 75° | |
| 100 | 14.3 | | | | | | | | | | | | | | | | 100 |
| 105 | 14.3 | | | 12.3 | | | 11.3 | | | | | | | | | | 105 |
| 110 | 14.4 | | | 12.4 | | | 11.6 | | | | | | | | | | 110 |
| 115 | 14.5 | | | 12.6 | | | 11.8 | | | 9.7 | | | 6.7 | | | | 115 |
| 120 | 14.6 | | | 12.8 | | | 12 | | | 10.1 | | | 7.3 | | | | 120 |
| 125 | 14.6 | | | 13 | | | 12.1 | | | 10.3 | | | 7.7 | | 4.9 | | 125 |
| 130 | 14.7 | | | 13.1 | | | 12.2 | | | 10.5 | | | 8.2 | | 5.7 | | 130 |
| 135 | 14.6 | | | 13.2 | | | 12.2 | | | 10.7 | | | 8.4 | | 6.3 | | 135 |
| 140 | 14.5 | | | 13.3 | | | 12.3 | | | 10.7 | | | 8.5 | | 6.7 | | 140 |
| 145 | 14.5 | 13.2 | | 13.4 | | | 12.3 | | | 10.8 | | | 8.7 | | 6.9 | | 145 |
| 150 | 14.4 | 13.4 | | 13.4 | | | 12.3 | | | 10.8 | | | 8.7 | | 7 | | 150 |
| 155 | 14.3 | 13.5 | | 13.4 | 12.8 | | 12.2 | | | 10.8 | | | 8.8 | | 7.1 | | 155 |
| 160 | 14.3 | 13.6 | | 13.4 | 13 | | 12.2 | 12.2 | | 10.8 | | | 8.8 | | 7.2 | | 160 |
| 165 | 14.2 | 13.7 | | 13.5 | 13.1 | | 12.1 | 12.4 | | 10.7 | 10.9 | | 8.8 | | 7.2 | | 165 |
| 170 | 14.1 | 13.8 | | 13.5 | 13.2 | | 12.1 | 12.4 | | 10.7 | 10.8 | | 8.7 | 8.9 | 7.2 | | 170 |
| 175 | 14 | 13.7 | | 13.4 | 13.3 | | 12 | 12.3 | | 10.6 | 10.7 | | 8.7 | 8.8 | 7.1 | | 175 |
| 180 | 13.9 | 13.7 | | 13.4 | 13.3 | | 11.9 | 12.3 | | 10.6 | 10.7 | | 8.7 | 8.7 | 7.1 | 6.2 | 180 |
| 185 | 13.8 | 13.6 | 11.7 | 13.3 | 13.3 | | 11.8 | 12.2 | | 10.5 | 10.6 | | 8.6 | 8.6 | 7.1 | 6.3 | 185 |
| 190 | 13.7 | 13.5 | 11.9 | 13.2 | 13.2 | | 11.7 | 12.1 | | 10.5 | 10.5 | | 8.6 | 8.5 | 7 | 6.3 | 190 |
| 195 | 13.6 | 13.5 | 12.1 | 13 | 13.2 | | 11.6 | 12 | | 10.4 | 10.4 | | 8.5 | 8.4 | 7 | 6.4 | 195 |
| 200 | 13.5 | 13.4 | 12.3 | 12.9 | 13.1 | 11.4 | 11.5 | 11.9 | | 10.4 | 10.3 | | 8.5 | 8.3 | 6.9 | 6.4 | 200 |
| 205 | 13.4 | 13.3 | 12.4 | 12.8 | 13 | 11.6 | 11.3 | 11.8 | 10.6 | 10.3 | 10.2 | 7.5 | 8.4 | 8.2 | 6.9 | 6.4 | 205 |
| 210 | 13.3 | 13.3 | 12.5 | 12.7 | 13 | 11.8 | 11.2 | 11.8 | 10.4 | 10.1 | 10.1 | 7.4 | 8.4 | 8.1 | 6.8 | 6.4 | 210 |
| 215 | 13.2 | 13.2 | 12.5 | 12.5 | 12.9 | 11.5 | 11 | 11.7 | 9.9 | 10 | 10 | 7 | 8.3 | 8.1 | 6.7 | 6.3 | 215 |
| 220 | 13 | 13.2 | 12.4 | 12.4 | 12.9 | 11 | 10.8 | 11.6 | 9.5 | 9.8 | 9.9 | 6.6 | 8.2 | 8 | 6.6 | 6.2 | 220 |
| 225 | 12.9 | 13.1 | 12.2 | 12.2 | 12.8 | 10.6 | 10.6 | 11.5 | 9 | 9.7 | 9.8 | 6.3 | 8.1 | 7.9 | 6.6 | 6.1 | 225 |
| 230 | 12.8 | 13 | 11.8 | 12.1 | 12.7 | 10.2 | 10.4 | 11.5 | 8.6 | 9.5 | 9.8 | 5.9 | 8.1 | 7.8 | 6.5 | 6 | 230 |
| 235 | 12.7 | 12.5 | 11.4 | 11.9 | 12.3 | 9.7 | 10.1 | 11.4 | 8.3 | 9.3 | 9.7 | 5.6 | 7.8 | 7.7 | 6.4 | 5.8 | 235 |
| 240 | 12.5 | 12.1 | 11.1 | 11.8 | 11.9 | 9.3 | 9.9 | 11.2 | 7.9 | 9 | 9.6 | 5.3 | 7.6 | 7.6 | 6.2 | 5.6 | 240 |
| 245 | 12.1 | 11.7 | 10.8 | 11.6 | 11.4 | 9 | 9.6 | 10.8 | 7.5 | 8.7 | 9.6 | 5 | 7.3 | 7.6 | 6 | 5.4 | 245 |
| 250 | | 11.3 | 10.5 | | 11 | 8.6 | 9.4 | 10.5 | 7.2 | 8.5 | 9.5 | 4.7 | 7 | 7.5 | 5.7 | 5.2 | 250 |
| 255 | | 10.9 | 10.1 | | 10.6 | 8.2 | 9 | 10.1 | 6.9 | 8.2 | 9.5 | 4.4 | 6.7 | 7.4 | 5.4 | 4.8 | 255 |
| 260 | | 10.4 | 9.8 | | 10.3 | 7.9 | | 9.7 | 6.5 | | 9.2 | 4.1 | | 7.4 | 5 | 4.4 | 260 |
| 265 | | | 9.4 | | 9.8 | 7.6 | | 9.4 | 6.2 | | 8.9 | 3.8 | | 7 | | 3.9 | 265 |
| 270 | | | 9.1 | | | 7.3 | | 9 | 5.9 | | 8.5 | 3.6 | | 6.3 | | 3.5 | 270 |
| 275 | | | 8.8 | | | 7 | | 8.5 | 5.7 | | 8.2 | 3.3 | | 5.4 | | 3.1 | 275 |
| 280 | | | 8.4 | | | 6.7 | | | 5.4 | | 7.8 | 3.1 | | 4.5 | | | 280 |
| 285 | | | | | | 6.4 | | | 5.1 | | | 2.9 | | | | | 285 |
| 290 | | | | | | | | | 4.9 | | | | | | | | 290 |
| 295 | | | | | | | | | 4.6 | | | | | | | | 295 |

* adapter 11 ft 6 in + telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in + rallonge de flèche télescopique 11 ft 6 in

Lifting capacities

Forces de levage

TYVEN 256 ft



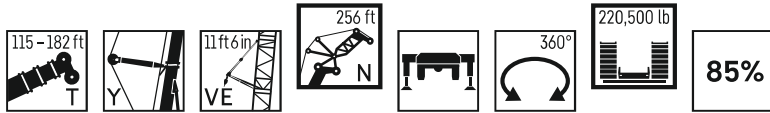
| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | |
|-----|-----------------|------|-----|-----------------|------|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | |
| 105 | 10.7 | | | | | | | | | | | | | | 105 |
| 110 | 10.7 | | | | | | | | | | | | | | 110 |
| 115 | 10.8 | | | 10 | | | 8.1 | | | | | | | | 115 |
| 120 | 10.9 | | | 10.1 | | | 8.4 | | | 6.4 | | | | | 120 |
| 125 | 10.9 | | | 10.1 | | | 8.5 | | | 6.7 | | | 3 | | 125 |
| 130 | 10.9 | | | 10.2 | | | 8.7 | | | 6.9 | | | 3.4 | | 130 |
| 135 | 10.8 | | | 10.2 | | | 8.8 | | | 7.2 | | | 3.8 | | 135 |
| 140 | 10.7 | | | 10.2 | | | 8.9 | | | 7.4 | | | 4.3 | | 140 |
| 145 | 10.7 | | | 10.2 | | | 8.9 | | | 7.5 | | | 4.7 | | 145 |
| 150 | 10.6 | | | 10.2 | | | 9 | | | 7.6 | | | 5.2 | | 150 |
| 155 | 10.6 | 10 | | 10.1 | | | 9 | | | 7.6 | | | 5.5 | | 155 |
| 160 | 10.5 | 10.1 | | 10.1 | 9.5 | | 9 | | | 7.7 | | | 5.7 | | 160 |
| 165 | 10.4 | 10.3 | | 10 | 9.7 | | 9 | 8.9 | | 7.7 | | | 5.8 | | 165 |
| 170 | 10.4 | 10.3 | | 9.9 | 9.8 | | 8.9 | 9.1 | | 7.7 | | | 5.9 | | 170 |
| 175 | 10.3 | 10.4 | | 9.8 | 10 | | 8.8 | 9.2 | | 7.7 | 8 | | 5.9 | 6.3 | 175 |
| 180 | 10.3 | 10.5 | | 9.8 | 10.1 | | 8.7 | 9.2 | | 7.7 | 7.9 | | 5.9 | 6.3 | 180 |
| 185 | 10.2 | 10.5 | | 9.7 | 10.1 | | 8.6 | 9.2 | | 7.6 | 7.9 | | 5.9 | 6.2 | 185 |
| 190 | 10.1 | 10.5 | | 9.6 | 10.2 | | 8.6 | 9.2 | | 7.6 | 7.8 | | 5.9 | 6.1 | 190 |
| 195 | 10 | 10.5 | | 9.5 | 10.2 | | 8.4 | 9.1 | | 7.6 | 7.7 | | 5.9 | 6.1 | 195 |
| 200 | 9.9 | 10.4 | 8.7 | 9.4 | 10.2 | | 8.3 | 9.1 | | 7.5 | 7.6 | | 5.9 | 6 | 200 |
| 205 | 9.9 | 10.4 | 8.9 | 9.3 | 10.1 | | 8.2 | 9 | | 7.4 | 7.6 | | 5.9 | 5.9 | 205 |
| 210 | 9.8 | 10.3 | 9 | 9.2 | 10.1 | | 8.1 | 8.9 | 7.6 | 7.3 | 7.5 | | 5.9 | 5.8 | 210 |
| 215 | 9.7 | 10.2 | 9.2 | 9.1 | 10 | | 7.9 | 8.8 | 7.7 | 7.2 | 7.4 | | 5.9 | 5.8 | 215 |
| 220 | 9.6 | 10.2 | 9.2 | 9 | 9.9 | | 7.8 | 8.8 | 7.9 | 7 | 7.3 | | 5.8 | 5.7 | 220 |
| 225 | 9.5 | 10.1 | 9.3 | 8.9 | 9.9 | | 7.6 | 8.7 | 8 | 6.9 | 7.3 | 5.6 | 5.7 | 5.6 | 225 |
| 230 | 9.4 | 10 | 9.4 | 8.7 | 9.8 | | 7.5 | 8.6 | 8 | 6.7 | 7.2 | 5.8 | 5.5 | 5.6 | 230 |
| 235 | 9.3 | 9.8 | 9.4 | 8.6 | 9.6 | | 7.3 | 8.6 | 8 | 6.5 | 7.1 | 5.9 | 5.4 | 5.5 | 235 |
| 240 | 9.2 | 9.8 | 9.4 | 8.5 | 9.3 | | 7.1 | 8.5 | 8 | 6.4 | 7 | 6 | 5.2 | 5.4 | 240 |
| 245 | 9.1 | 9.8 | 9.4 | 8.4 | 8.9 | 7.4 | 6.9 | 8.5 | 7.9 | 6.2 | 7 | 6.1 | 5 | 5.4 | 245 |
| 250 | 9 | 9.8 | 9.1 | 8.3 | 8.6 | 7.2 | 6.7 | 8.4 | 7.7 | 6 | 6.9 | 6.1 | 4.8 | 5.3 | 250 |
| 255 | 8.9 | 9.8 | 8.8 | 8.1 | 8.3 | 7 | 6.5 | 8.4 | 7.4 | 5.8 | 6.9 | 6.1 | 4.6 | 5.2 | 255 |
| 260 | 8.8 | 9.5 | 8.5 | 8 | 7.9 | 6.7 | 6.3 | 8.4 | 7.2 | 5.6 | 6.8 | 6 | 4.4 | 5.2 | 260 |
| 265 | 8.7 | 9.1 | 8.3 | 7.9 | 7.6 | 6.5 | 6.1 | 8.2 | 6.9 | 5.4 | 6.8 | 6 | 4.2 | 5.1 | 265 |
| 270 | | 8.8 | 8 | | 7.3 | 6.1 | | 8 | 6.7 | 5.1 | 6.7 | 5.9 | 3.9 | 5.1 | 270 |
| 275 | | 8.4 | 7.7 | | 7 | 4.8 | | 7.7 | 6.5 | 4.8 | 6.7 | 5.7 | 3.7 | 5 | 275 |
| 280 | | 8 | 7.5 | | 6.5 | 3.6 | | 7.4 | 6.3 | | 6.7 | 5.5 | | 5 | 280 |
| 285 | | | 7.2 | | 6.2 | | | 7.2 | 6.1 | | 6.6 | 5.3 | | 5 | 285 |
| 290 | | | 7 | | | | | 6.9 | 5.8 | | 6.4 | 5.1 | | 4.9 | 290 |
| 295 | | | 6.7 | | | | | 6.5 | 5.6 | | 6.2 | 4.9 | | 4.9 | 295 |
| 300 | | | 6.4 | | | | | | 5.4 | | 5.9 | 4.7 | | 4.9 | 300 |
| 305 | | | | | | | | | 5.2 | | | 4.5 | | | 305 |
| 310 | | | | | | | | | 5 | | | | | | 310 |

* adapter 11 ft 6 in • telescopic boom extension 11 ft 6 in • pièce d'adaptateur 11 ft 6 in • rallonge de flèche télescopique 11 ft 6 in

Lifting capacities

Forces de levage

TYVEN 256 ft



| | 115 ft + 23 ft* | | | 132 ft + 23 ft* | | | 149 ft + 23 ft* | | | 165 ft + 23 ft* | | | 182 ft + 23 ft* | | |
|-----|-----------------|------|-----|-----------------|------|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | 68° | 82° | 75° | |
| 105 | 10.7 | | | | | | | | | | | | | | 105 |
| 110 | 10.7 | | | | | | | | | | | | | | 110 |
| 115 | 10.8 | | | 10 | | | 8.1 | | | | | | | | 115 |
| 120 | 10.9 | | | 10.1 | | | 8.4 | | | 6.4 | | | | | 120 |
| 125 | 10.9 | | | 10.1 | | | 8.5 | | | 6.7 | | | 3 | | 125 |
| 130 | 10.9 | | | 10.2 | | | 8.7 | | | 6.9 | | | 3.4 | | 130 |
| 135 | 10.8 | | | 10.2 | | | 8.8 | | | 7.2 | | | 3.8 | | 135 |
| 140 | 10.7 | | | 10.2 | | | 8.9 | | | 7.4 | | | 4.3 | | 140 |
| 145 | 10.7 | | | 10.2 | | | 8.9 | | | 7.5 | | | 4.7 | | 145 |
| 150 | 10.6 | | | 10.2 | | | 9 | | | 7.6 | | | 5.2 | | 150 |
| 155 | 10.6 | 10 | | 10.1 | | | 9 | | | 7.6 | | | 5.5 | | 155 |
| 160 | 10.5 | 10.1 | | 10.1 | 9.5 | | 9 | | | 7.7 | | | 5.7 | | 160 |
| 165 | 10.4 | 10.3 | | 10 | 9.7 | | 9 | 8.9 | | 7.7 | | | 5.8 | | 165 |
| 170 | 10.4 | 10.3 | | 9.9 | 9.8 | | 8.9 | 9.1 | | 7.7 | | | 5.9 | | 170 |
| 175 | 10.3 | 10.4 | | 9.8 | 10 | | 8.8 | 9.2 | | 7.7 | 8 | | 5.9 | 6.3 | 175 |
| 180 | 10.3 | 10.5 | | 9.8 | 10.1 | | 8.7 | 9.2 | | 7.7 | 7.9 | | 5.9 | 6.3 | 180 |
| 185 | 10.2 | 10.5 | | 9.7 | 10.1 | | 8.6 | 9.2 | | 7.6 | 7.9 | | 5.9 | 6.2 | 185 |
| 190 | 10.1 | 10.5 | | 9.6 | 10.2 | | 8.6 | 9.2 | | 7.6 | 7.8 | | 5.9 | 6.1 | 190 |
| 195 | 10 | 10.5 | | 9.5 | 10.2 | | 8.4 | 9.1 | | 7.6 | 7.7 | | 5.9 | 6.1 | 195 |
| 200 | 9.9 | 10.4 | 8.7 | 9.4 | 10.2 | | 8.3 | 9.1 | | 7.5 | 7.6 | | 5.9 | 6 | 200 |
| 205 | 9.9 | 10.4 | 8.9 | 9.3 | 10.1 | | 8.2 | 9 | | 7.4 | 7.6 | | 5.9 | 5.9 | 205 |
| 210 | 9.8 | 10.3 | 9 | 9.2 | 10.1 | | 8.1 | 8.9 | 7.6 | 7.3 | 7.5 | | 5.9 | 5.8 | 210 |
| 215 | 9.7 | 10.2 | 9.2 | 9.1 | 10 | | 7.9 | 8.8 | 7.7 | 7.2 | 7.4 | | 5.9 | 5.8 | 215 |
| 220 | 9.6 | 10.2 | 9.2 | 9 | 9.9 | | 7.8 | 8.8 | 7.9 | 7 | 7.3 | 5.2 | 5.8 | 5.7 | 220 |
| 225 | 9.5 | 10.1 | 9.3 | 8.9 | 9.9 | | 7.6 | 8.7 | 7.8 | 6.9 | 7.3 | 5 | 5.7 | 5.6 | 225 |
| 230 | 9.4 | 10 | 9.4 | 8.7 | 9.8 | | 7.5 | 8.6 | 7.4 | 6.7 | 7.2 | 4.7 | 5.5 | 5.6 | 230 |
| 235 | 9.3 | 9.8 | 9.4 | 8.6 | 9.6 | | 7.3 | 8.6 | 7 | 6.5 | 7.1 | 4.4 | 5.4 | 5.5 | 235 |
| 240 | 9.2 | 9.8 | 9.4 | 8.5 | 9.3 | | 7.1 | 8.5 | 6.7 | 6.4 | 7 | 4 | 5.2 | 5.4 | 240 |
| 245 | 9.1 | 9.8 | 9.4 | 8.4 | 8.9 | 7.4 | 6.9 | 8.5 | 6.3 | 6.2 | 7 | 3.7 | 5 | 5.4 | 245 |
| 250 | 9 | 9.8 | 9.1 | 8.3 | 8.6 | 7.2 | 6.7 | 8.4 | 6 | 6 | 6.9 | 3.5 | 4.8 | 5.3 | 250 |
| 255 | 8.9 | 9.8 | 8.8 | 8.1 | 8.3 | 7 | 6.5 | 8.4 | 5.7 | 5.8 | 6.9 | 3.2 | 4.6 | 5.2 | 255 |
| 260 | 8.8 | 9.5 | 8.5 | 8 | 7.9 | 6.7 | 6.3 | 8.4 | 5.4 | 5.6 | 6.8 | 2.9 | 4.4 | 5.2 | 260 |
| 265 | 8.7 | 9.1 | 8.3 | 7.9 | 7.6 | 6.5 | 6.1 | 8.2 | 5.1 | 5.4 | 6.8 | | 4.2 | 5.1 | 265 |
| 270 | | 8.8 | 8 | | 7.3 | 6.1 | | 8 | 4.8 | 5.1 | 6.7 | | 3.9 | 5.1 | 270 |
| 275 | | 8.4 | 7.7 | | 7 | 4.8 | | 7.7 | 4.5 | 4.8 | 6.7 | | 3.7 | 5 | 275 |
| 280 | | 8 | 7.5 | | 6.5 | 3.6 | | 7.4 | 4.2 | | 6.7 | | | 5 | 280 |
| 285 | | | 7.2 | | 6.2 | | | 7.2 | 4 | | 6.6 | | | 5 | 285 |
| 290 | | | 7 | | | | | 6.9 | 3.7 | | 6.4 | | | 4.9 | 290 |
| 295 | | | 6.7 | | | | | 6.5 | 3.5 | | 6.1 | | | 4.7 | 295 |
| 300 | | | 6.4 | | | | | | 3.2 | | 5.8 | | | 4.4 | 300 |
| 305 | | | | | | | | | 3 | | | | | | 305 |
| 310 | | | | | | | | | 2.8 | | | | | | 310 |

* adapter 11 ft 6 in - telescopic boom extension 11 ft 6 in - pièce d'adaptateur 11 ft 6 in - rallonge de flèche télescopique 11 ft 6 in

180_65205_00_000

Equipment

Crane carrier

| | |
|--------------------------|--|
| Frame | Self-manufactured, torsion-resistant box-type design of high-tensile 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 | 8-cylinder Diesel, make Liebherr, watercooled, output 455 kW (619 h.p.), max. torque 2263 lb-ft. Exhaust emissions acc. to (EU) 2016/1628, EPA/CARB or ECE-R.96. Fuel reservoir: 145 gallons. |
| Transmission | Automatic transmission system with torque converter and interarder, make ZF, 12 forward speeds and 2 reverse speeds, transfer case with transfer differential. |
| Axles | Low maintenance carrier axles, all 6 axles steered. Axle 1, 3 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 3 with longitudinal differential lock. |
| Cardan shaft | All cardan shafts with 70° diagonal tothing and maintenance free. |
| Suspension | All axles are hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable. |
| Tyres | 12 tyres, all axles equipped with single tyres. Size of tyres: 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. Additional brakes: exhaust flap brake, Telma Eddy current brake (optional), interarder in gearbox. Hand brake: Spring-loaded, acting on all wheels of axles 2 to 6. |
| 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. |

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 180 kW (245 h.p.), max. torque 1055 lb-ft. Exhaust emissions acc. to (EU) 2016/1628, EPA/CARB or ECE-R.96. Fuel reservoir: 95 gallons. |
| Crane drive | Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control. |
| Control | Two self-centering control levers (joy-sticks). Pedal switches for telescoping. Infinitely variable crane motions through displacement control of the hydraulic pumps. Additional working speed control by variation of the Diesel engine speed. |
| Hoist gear | Axial piston variable displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake. |
| Luffing gear | 1 differential hydraulic ram with nonreturn valve. |
| Slewing gear | 2 axial piston constant motors, planetary gear, spring loaded multiple disk brake. Actuation by closed regulated oil circuit. |
| Crane cab | Large screen area, compound glass, comfort furnishing, cabin tiltable 20° to rear. |
| Safety devices | LICCON2 safe load indicator, test system, hoist limit switches, safety valves against rupture of pipes and hoses. |
| Telescopic boom | 1 base section and 5 sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 49 ft – 230 ft. |
| Counterweight | 220,500 lb |
| Electrical system | Modern data bus technique, 24 Volt DC. |

Additional equipment

| | |
|---|--|
| Y | Guying system for telescopic boom consisting of guying frames with stay ropes, tiltable hydraulically into transport position Self assembly. |
| VE | Eccentric incl. 11 ft 6 in telescopic boom extension. |
| F | Fixed lattice jib 20 ft – 138 ft Adjustment 0°; 20°; 40°; 60° |
| N | Luffing fly jib 39 ft – 256 ft |
| H | Auxiliary jib 4 ft 3 in |
| Additional counterweight | 4 additional counterweight slabs of 22,050 lb each for a total counterweight of 308,600 lb. |
| 2nd hoist gear | For 2-hook operation or for operating the luffing lattice jib. |
| Tyre equipment | 12 tyres, size 525/80 R 25 (20.5 R 25). |
| Drive 12 x 8 | The 4th axle is driven additionally. |
| Other items of equipment available on request. | |

Équipement

Châssis porteur

| | |
|--------------------------------|---|
| Cadre | Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant. |
| Calage | Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique. |
| Moteur | Moteur diesel, 8 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 455 kW (619 ch), couple max. 2263 lb-ft. Emissions des gaz d'échappement conformes au directive (EU) 2016/1628, EPA/CARB ou ECE-R.96. Capacité du réservoir à carburant: 145 gallons. |
| Boîte de vitesse | Boîte automatique avec convertisseur de couple et ralentisseur, marque ZF, 12 marches AV et 2 marches AR, boîte de transfert avec différentiel répartiteur. |
| Essieux | Essieux nécessitant peu d'entretien, les 6 essieux sont directeurs. Les essieux 1, 3 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 3 avec différentiel longitudinal. |
| Arbres articulés | Tous les flasques de croisillons avec denture en croix 70° et sans entretien. |
| Suspension | Tous les essieux sont à suspension hydropneumatique avec mise à niveau automatique. Suspension blocable hydrauliquement. |
| Pneumatiques | 12 roues à monte simple. 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. Freins auxiliaire: par clapet sur échappement, frein Telma (option), ralentisseur monté sur boîte de vitesse. Frein de secours et frein à main: par cylindres à ressorts sur les essieux 2 à 6. |
| Cabine | Spacieuse cabine, traitement anticorrosion, équipement «grand confort», suspension par silentblochs, vitrage de sécurité. |
| Installation électrique | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts. |

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 180 kW (245 ch), couple max. 1055 lb-ft. Emissions des gaz d'échappement conformes au directive (EU) 2016/1628, EPA/CARB ou ECE-R.96. Capacité du réservoir à carburant: 95 gallons. |
| Entraînement | Diesel hydraulique à 5 pompes à débit variable servo commandées à régulation de puissance. |
| Commande | 2 leviers à 4 directions avec rappel automatique au point mort. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur. |
| Mécanisme de levage | Moteur hydraulique à cylindrée variable, treuil avec réducteur planétaire à frein d'arrêt à lamelles intégrées. |
| Mécanisme de relevage | 1 vérin hydraulique différentiel avec clapet anti-retour de sécurité. |
| Dispositif de rotation | 2 moteur à débit constant et pistons axiaux, réducteur planétaire, frein d'arrêt à ressort commandé par ressort en circuit hydraulique ferme. |
| 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, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles. |
| Flèche télescopique | Un élément de base et de 5 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide TELEMATIK. Longueur de flèche: 49 ft – 230 ft. |
| Contrepoids | 220,500 lb |
| Installation électrique | Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts. |

Équipement supplémentaire

| | |
|--|---|
| Y | Haubanage de flèche composé du chevalet d'haubanage avec haubanage du câble, rabattable hydrauliquement en position de transport. Montage autonome. |
| VE | Axe excentrique avec extension de flèche de 11 ft 6 in. |
| F | Flechette treillis fixe 20 ft – 138 ft, Positionnement 0°; 20°; 40°; 60° |
| N | Flechette treillis à volée variable 39 ft – 256 ft |
| H | Flechette auxiliaire 4 ft 3 in |
| Contrepoids complémentaire | 4 blocs latéraux de suspension de 22,050 lb pour un contrepoids total de 308,600 lb. |
| Deuxième treuil | Pour le travail avec 2 crochets ou le relevage de la flechette à volée variable. |
| Pneumatiques | 12 pneus. Taille 525/80 R 25 (20.5 R 25). |
| Entraînement 12 x 8 | Le 4ème essieu est également entraîné. |
| Autres équipements supplémentaires sur demande. | |

Description of symbols

Explication des symboles



Max. capacity
Capacité max.



Outriggers front
Calage avant



Telescopic boom
Flèche télescopique



Max. hoist height
Hauteur de levage max.



Outriggers rear
Calage arrière



Guying system for telescopic boom Y
Haubannage de flèche Y



Max. radius
Portée max.



Crane superstructure
Partie tournante de la grue



Fixed lattice jib
Fléchette treillis fixe



Tyres
Pneumatiques



infinitely variable
en continu



Eccentric
Axe excentrique



Hookblock/Capacity
Moufle à crochet/Capacité de charge



Rope diameter
Diamètre



Luffing fly jib
Fléchette treillis à volée variable



No. of sheaves
Poulies



Rope length
Longueur du câble



No. of lines
Brins



Max. single line pull
Effort au brin maxi.



Weight
Poids



Hoist gear
Treuil de levage



Crane carrier
Châssis porteur



Slewing speeds
Vitesses d'orientation



Driving speed
Vitesse de translation



Boom length
Longueur de la flèche



Gradability
Aptitude à gravir les pentes



Boom position
Position de la flèche



Transmission
Boîte de vitesse



Counterweight
Contrepoids



Gear
Vitesse



Outriggers
Calage



Onroad gear
Vitesse de route



Slewing gear / Working area
Mécanisme d'orientation / Plage de travail



Crawl speed
Marche lente



Standard
Norme



Max. supporting forces
Forces d'appui max.



Radius
Portée

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 kip.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. The working radii are measured from the slewing centerline.
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 298,600 lb / 410,000 lb 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 can be found in the operation manual and the load chart book.
12. The illustrations in this brochure may feature accessories and special equipment not included in the standard scope of delivery.

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 charges sont indiquées en kip.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont prises à partir de l'axe de rotation de la partie tournante.
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. Les charges supérieures à 298,600 lb / 410,000 lb 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.
12. Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.

Customer Service

Personal. Competent. Reliable.
Personnalisé. Compétent. Fiable.



To ensure your Liebherr remains a Liebherr.

- Commission and training by experienced service technicians
- Worldwide service network with over 80 branches
- 24/7 technical support worldwide
- Fast availability of spare parts
- Attractive packages for maintenance and service

De sorte que votre Liebherr reste une Liebherr.

- Mise en route et formation effectuées par des techniciens qualifiés
- Service-Après-Vente Mondial représenté par plus de 80 correspondants
- Assistance Technique 24/24 et 7/7 jours
- Rapide disponibilité des pièces de rechanges
- Kits d'entretiens pour révisions et maintenances à un prix attractif

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

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