

Wide range of uses with powerful boom systems

LTM 1750-9.1

Mobile crane
Grue mobile

LIEBHERR

Mobile and crawler cranes



900 USt



171 ft



380 ft



499 ft



Technical data

Caractéristiques technique

Dimensions

Encombrement 4-5

Mobile crane

Grue mobile 6-7

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VarioBase®

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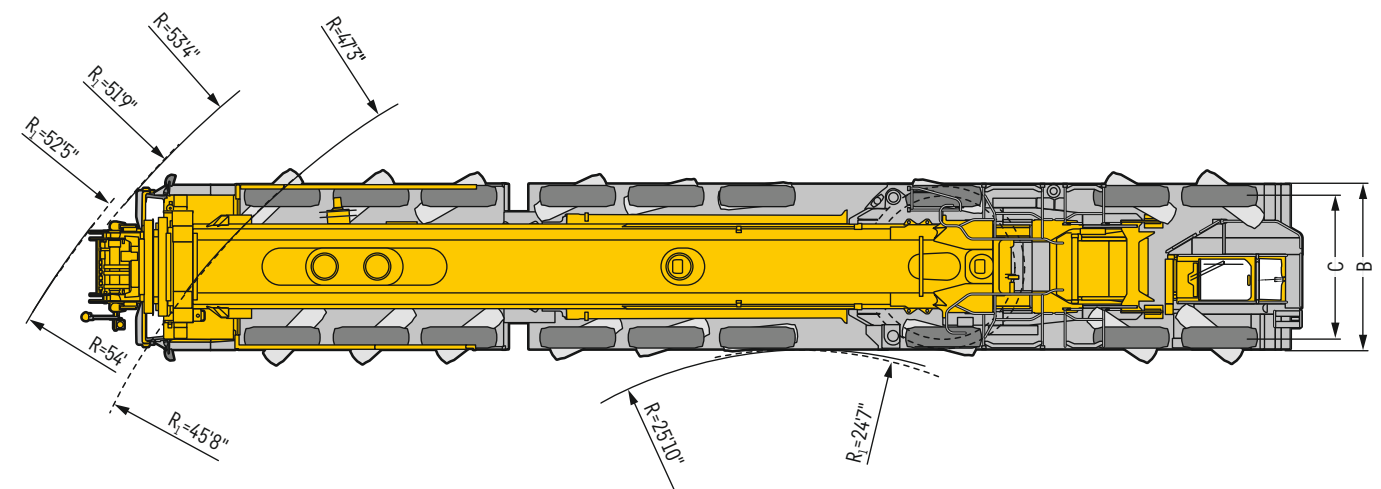
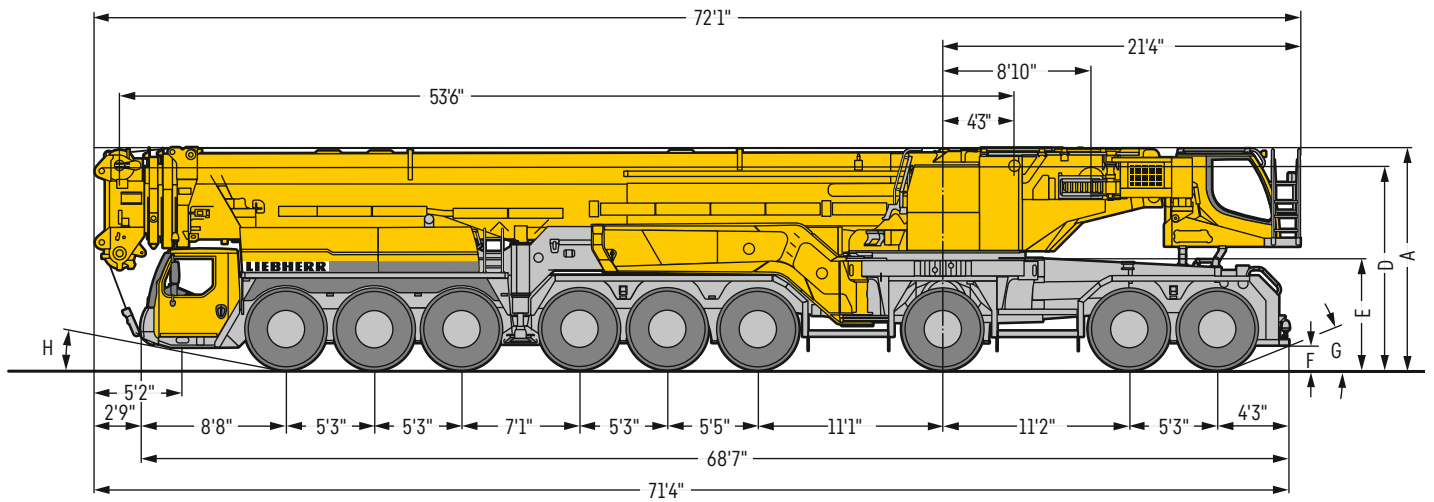
Boom/jib combinations

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|---|---------|
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Dimensions – Operating on road


Encombrement – Déplacement sur route



R₁ = All-wheel steering · Direction toutes roues

US2495.03

Dimensions · Encombrement

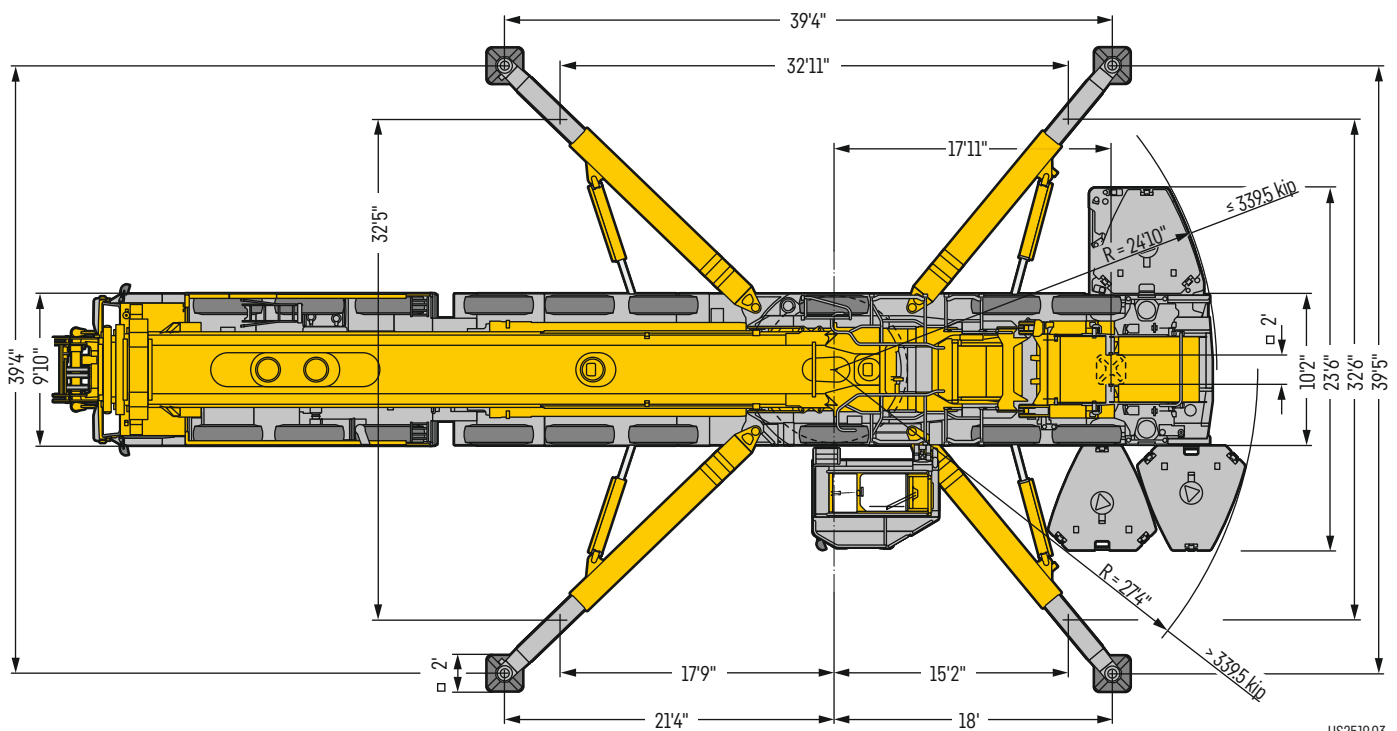
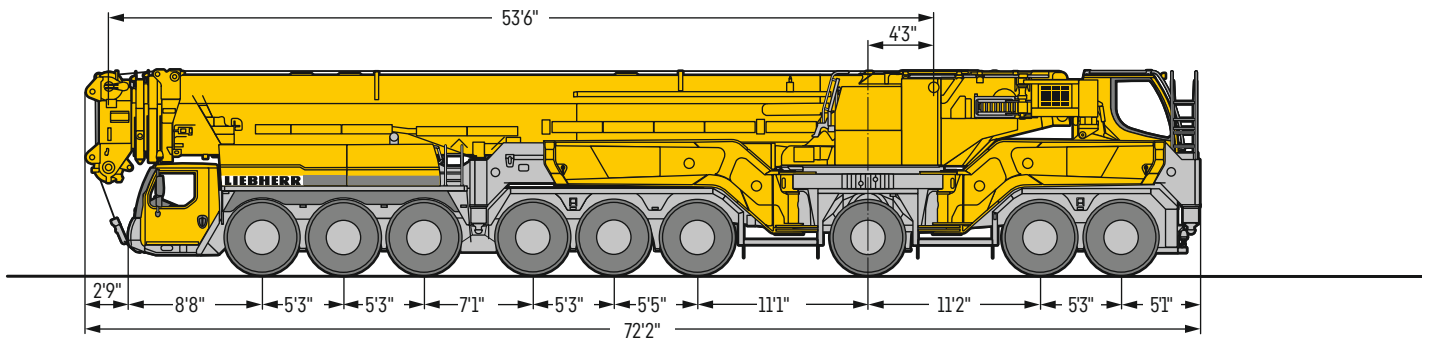
|  | A | A 5"* | A ** | B | C | D | E | F | G | H |
|---|-------|----------|---------|-------|------|-----|------|------|-----|-----|
| 445/95 R 25 (16.00 R 25) | 13'1" | 12'9" | 13'9" | 9'10" | 8'4" | 12' | 6'6" | 1'4" | 19° | 10° |
| 525/80 R 25 (20.5 R 25) | 13'1" | 12'9" | 13'9" | 10'2" | 8'5" | 12' | 6'6" | 1'4" | 19° | 10° |

* lowered · abaissé

** with Quick Connection · avec Quick Connection

Dimensions – Procedure on site

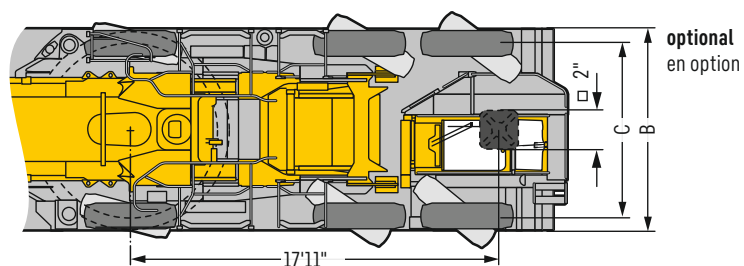
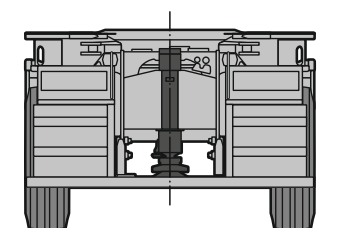
Encombrement – Déplacement sur le chantier



US2519.03

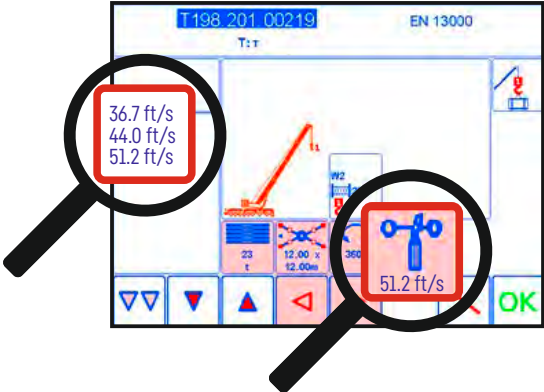
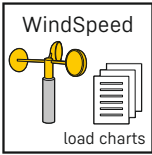
Additional support chassis rear end

Stabilisateur additionnel arriere du véhicule



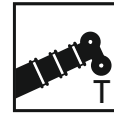
US2622.01

LTM 1750-9.1



Increased flexibility and safety by using lifting capacity tables with different maximum wind speeds.

Une flexibilité et une sécurité accrues grâce aux tableaux de charge avec différentes vitesses de vent autorisées.



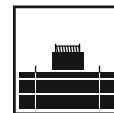
171 ft



69 ft – 299 ft



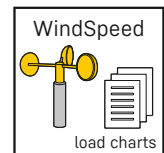
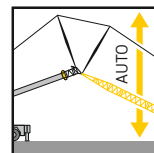
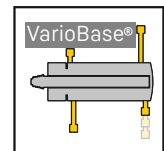
20 ft – 203 ft



449,700 lb







505 kW (686 h.p.)










Crane data

Dates de la grue

Hook block - Moufles à crochet

|  |  |  |  |
|---|---|---|---|
| 593,000 lb | 11 | 22 | 11,800 / 10,150 lb / 8,500 lb |
| 522,400 lb | 9 | 19 | 11,470 / 9,260 lb / 7,050 lb |
| 425,400 lb | 7 | 15 | 9,920 lb / 8,600 lb / 7,275 lb / 5,950 lb |
| 319,700 lb | 5 | 11 | 7,500 lb / 6,060 lb / 4,410 lb |
| 209,400 lb | 3 | 7 | 8,380 lb / 7,055 lb / 5,730 lb / 4,410 lb |
| 92,600 lb | 1 | 3 | 4,410 lb / 2,205 lb |
| 30,800 lb | - | 1 | 1,545 lb |

Crane carrier - Châssis porteur











|  |  min. |  max. |  % |  |  |
|---|--|--|---|---|--|
| 445/95 R 25 (16.00 R 25) | 1.2 | 53 | 37.8% |  | 12 / R2 |
| 525/80 R 25 (20.5 R 25) | 1.2 | 53 | 37.8% | | |

Theoretical gradeability - Aptitude théorique en pente

Max. supporting forces - Forces d'appui max.

|  |  |  |
|---|---|---|
| F _{max} | 471,000 lb | 471,000 lb |

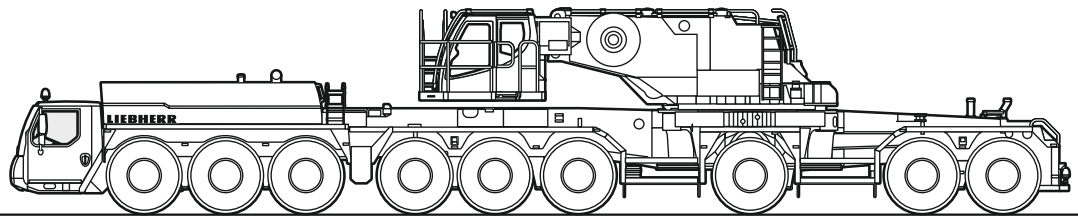
Crane superstructure - Partie tournante

|  |  |  |  |
|--|---|---|---|
|  0 - 404 ft/min single line - au brin simple | 25 mm | 2.296 ft | 31,923 lb |
|  0 - 341 ft/min single line - au brin simple | 25 mm | 3.051 ft | 31,923 lb |
|  0 - 341 ft/min single line - au brin simple | 25 mm | 3.265 ft | 31,923 lb |
|  0 - 0.67 rpm | | | |
|  approx. 120 seconds to reach 86° boom angle env. 120 s jusqu'à 86° | | | |
|  approx. 320 seconds for boom extension from 53 ft - 171 ft env. 320 s pour passer de 53 ft - 171 ft | | | |

On-road driving

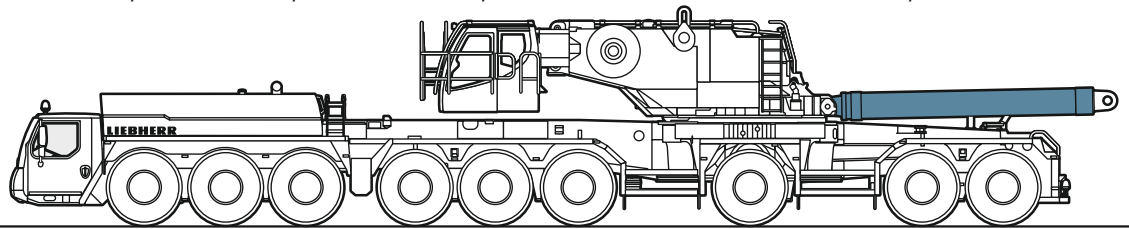
Déplacement sur route

≤ 128,000 lb



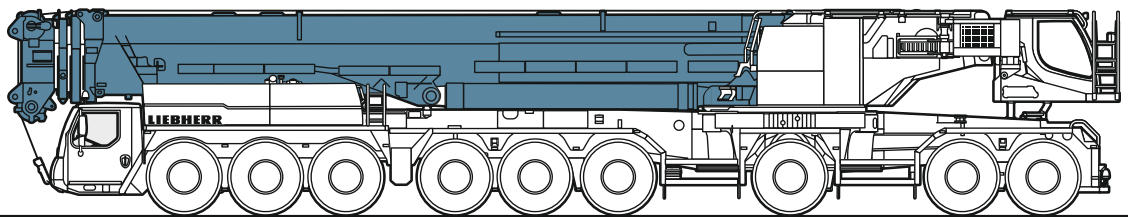
≤ 13,230 lb ≤ 13,230 lb ≤ 13,230 lb ≤ 16,550 lb ≤ 16,550 lb
 ≤ 13,230 lb ≤ 13,230 lb ≤ 13,230 lb ≤ 16,550 lb

≤ 139,000 lb



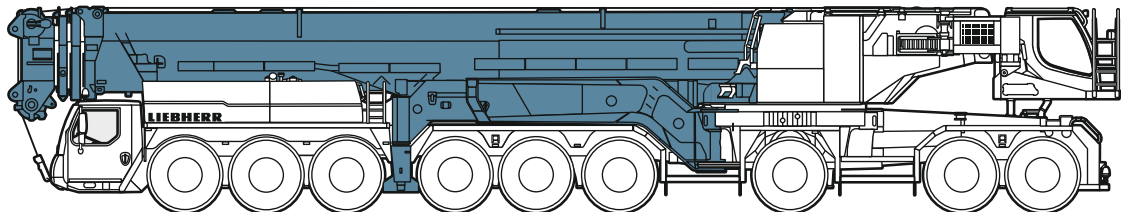
≤ 13,250 lb ≤ 13,250 lb ≤ 13,250 lb ≤ 22,050 lb ≤ 22,050 lb
 ≤ 13,250 lb ≤ 13,250 lb ≤ 13,250 lb ≤ 22,050 lb

≤ 216,000 lb



≤ 24,250 lb ≤ 24,250 lb ≤ 24,250 lb ≤ 24,250 lb ≤ 24,250 lb
 ≤ 24,250 lb ≤ 24,250 lb ≤ 24,250 lb ≤ 24,250 lb

≤ 238,100 lb

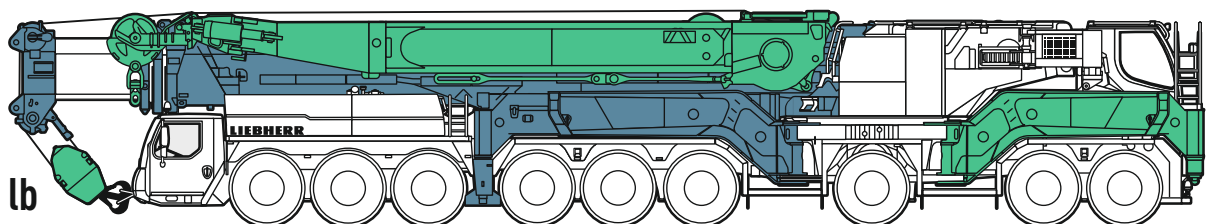


≤ 26,455 lb ≤ 26,455 lb ≤ 26,455 lb ≤ 26,455 lb ≤ 26,455 lb
 ≤ 26,455 lb ≤ 26,455 lb ≤ 26,455 lb ≤ 26,455 lb

Jobsite driving

Déplacement sur chantier

≤ 308,700 lb

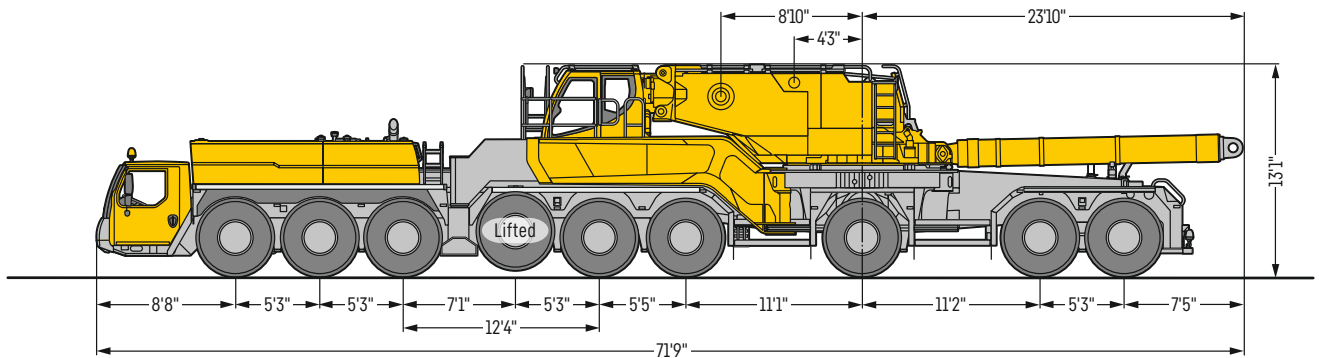


≤ 35,300 lb ≤ 35,300 lb ≤ 35,300 lb ≤ 35,300 lb ≤ 35,300 lb
 ≤ 35,300 lb ≤ 35,300 lb ≤ 35,300 lb ≤ 35,300 lb

US3383.03

Special driving conditions

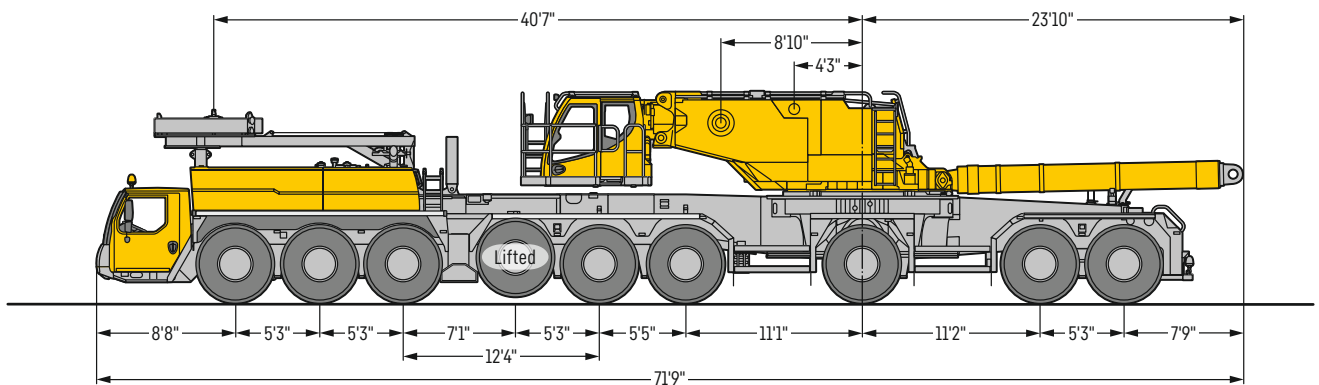
Conditions de conduite spéciales



Tyre equipment 445/95 R 25 (16.00 R 25) · Pneumatiques 445/95 R 25 (16.00 R 25)

US2520.05

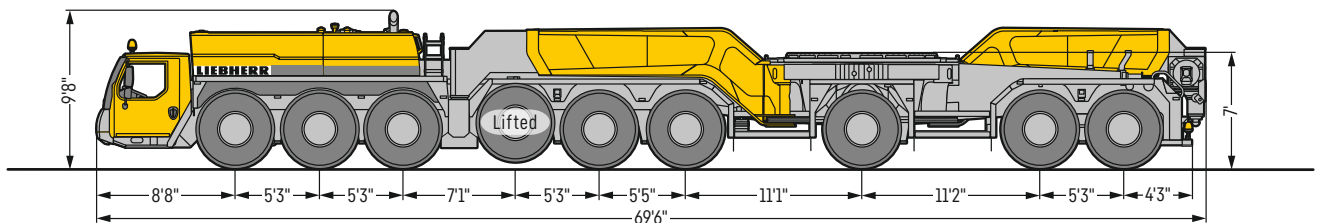
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|--------------------------|----|---------|---------|---------|---|---------|---------|---------|---------|---------|----------|
| 445/95 R 25 (16.00 R 25) | lb | ≤18,000 | ≤18,200 | ≤18,200 | - | ≤18,200 | ≤18,300 | ≤23,600 | ≤23,700 | ≤23,700 | ≤161,500 |
| 525/80 R 25 (20.5 R 25) | lb | ≤18,600 | ≤18,800 | ≤18,700 | - | ≤18,700 | ≤18,900 | ≤24,100 | ≤24,200 | ≤24,200 | ≤165,900 |



Tyre equipment 445/95 R 25 (16.00 R 25) · Pneumatiques 445/95 R 25 (16.00 R 25)

US2521.04

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|--------------------------|----|---------|---------|---------|---|---------|---------|---------|---------|---------|----------|
| 445/95 R 25 (16.00 R 25) | lb | ≤19,200 | ≤19,300 | ≤19,300 | - | ≤19,300 | ≤19,400 | ≤19,400 | ≤19,400 | ≤19,400 | ≤154,300 |
| 525/80 R 25 (20.5 R 25) | lb | ≤19,700 | ≤19,900 | ≤19,800 | - | ≤19,800 | ≤20,000 | ≤19,900 | ≤19,900 | ≤20,000 | ≤158,700 |



Tyre equipment 445/95 R 25 (16.00 R 25) · Pneumatiques 445/95 R 25 (16.00 R 25)

US3415.01


| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|--------------------------|----|---------|---------|---------|---|---------|---------|---------|---------|---------|----------|
| 445/95 R 25 (16.00 R 25) | lb | ≤13,600 | ≤13,900 | ≤13,900 | - | ≤13,900 | ≤14,100 | ≤14,200 | ≤14,200 | ≤14,200 | ≤111,500 |
| 525/80 R 25 (20.5 R 25) | lb | ≤14,200 | ≤14,500 | ≤14,400 | - | ≤14,400 | ≤14,600 | ≤14,700 | ≤14,700 | ≤14,700 | ≤115,900 |

Transportation plan

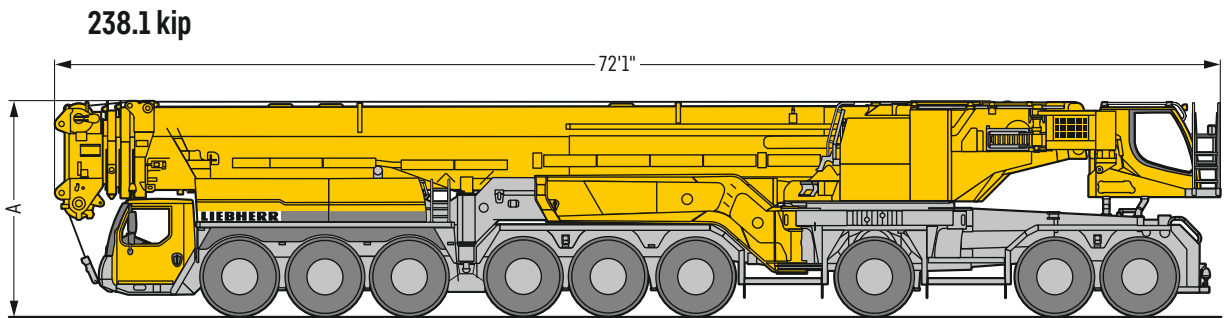
Plan de transport

Dimensions

Encombrement

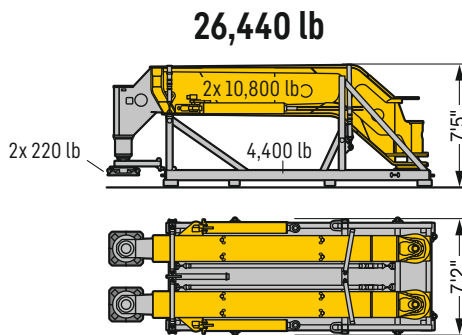
| | A | A |
|---|-------|-------|
|  | 5" | 5" |
| 445/95 R 25 (16.00 R 25) | 13'1" | 12'9" |
| 525/80 R 25 (20.5 R 25) | 13'1" | 12'9" |

* lowered - abaissé



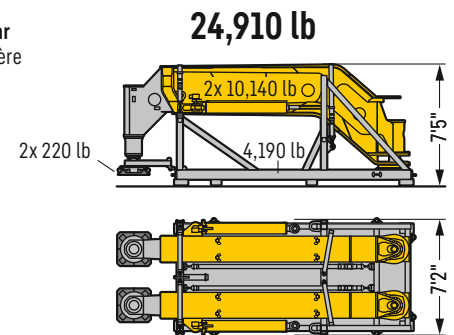
Folding outriggers front

Poutre rabattable avant



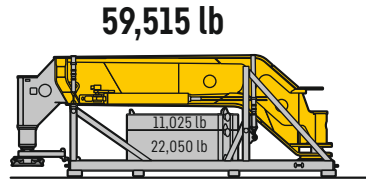
Folding outriggers rear

Poutre rabattable arrière



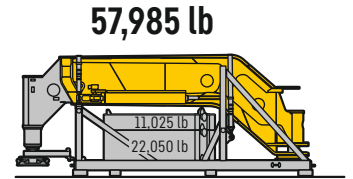
with 33,070 lb counterweight

avec contrepoids 33,070 lb



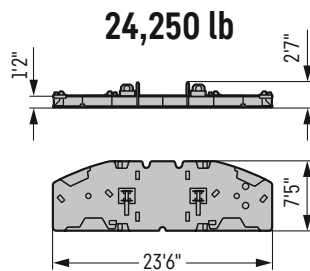
with 33,070 lb counterweight

avec contrepoids 33,070 lb



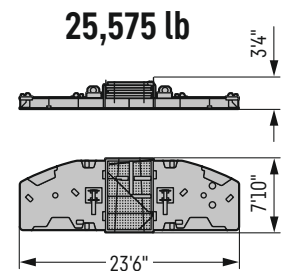
Base plate

Plaque d'appui



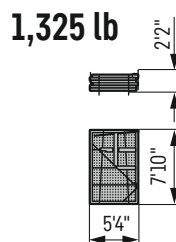
Base plate with erection platform

Plaque d'appui avec plateforme de montage



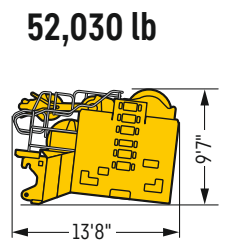
Erection platform

Plateforme de montage



Ballast frame with winch 2, winch 3, adjustment block and engine

Bâti de contrepoids avec treuil 2, treuil 3, palonnier de renvoi et moteur



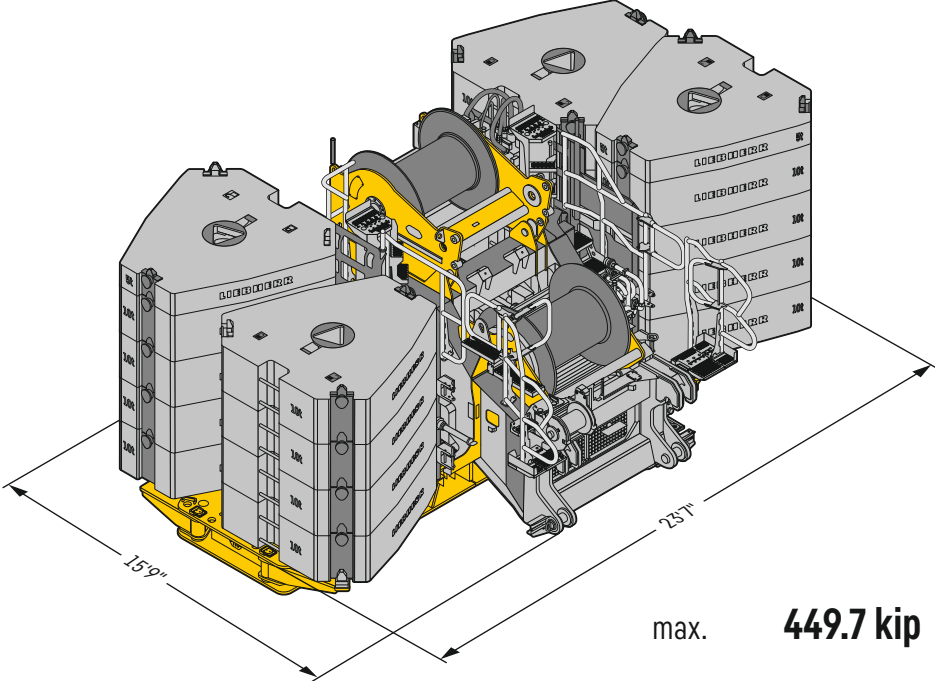
width - largeur 9'7"

Crane equipment optimized for transportation

Équipement de la grue optimisé pour le transport

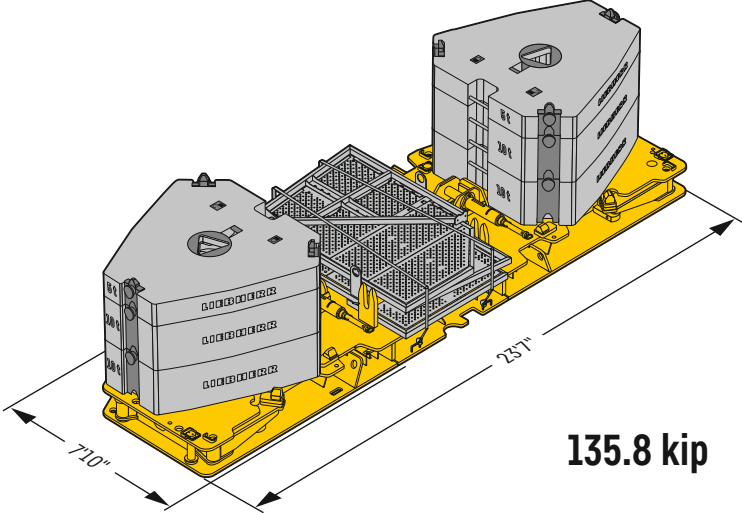


Counterweight Contrepoids



max. **449.7 kip**

US2634.01



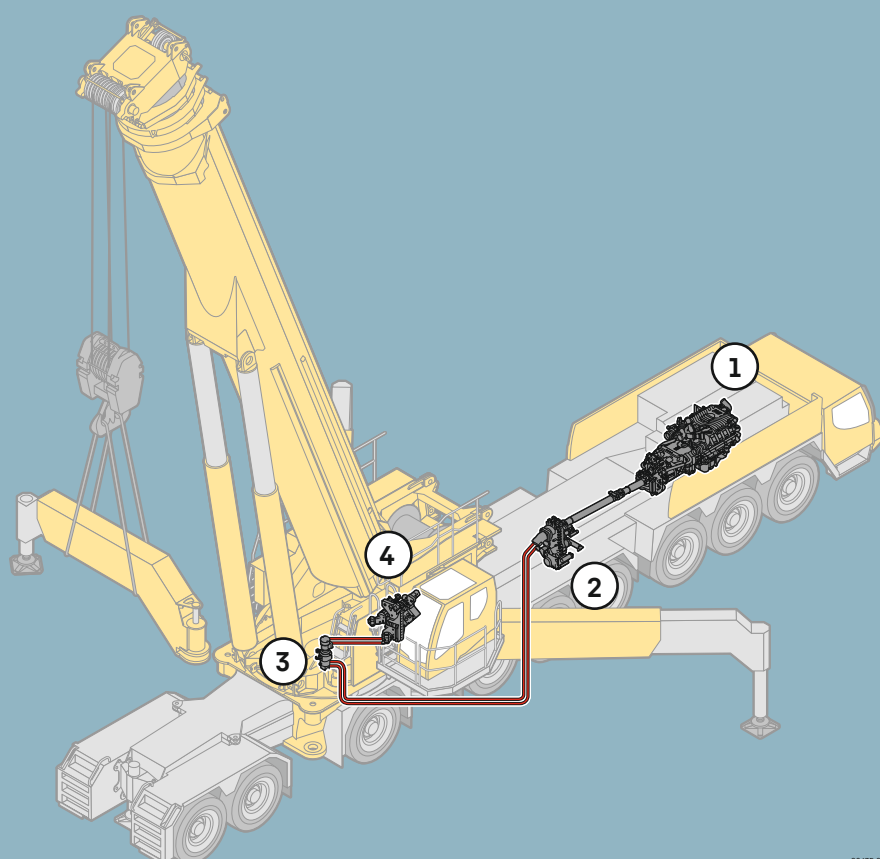
135.8 kip

US2635.01

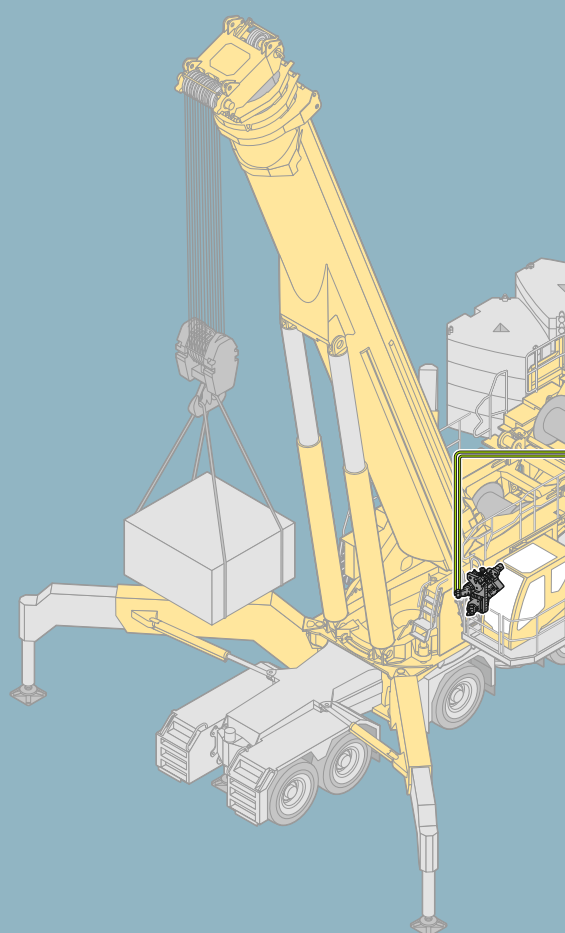
Operation condition

État de marche

Erection operation
Mode de montage



Working operation
Mode de travail



S2675.01

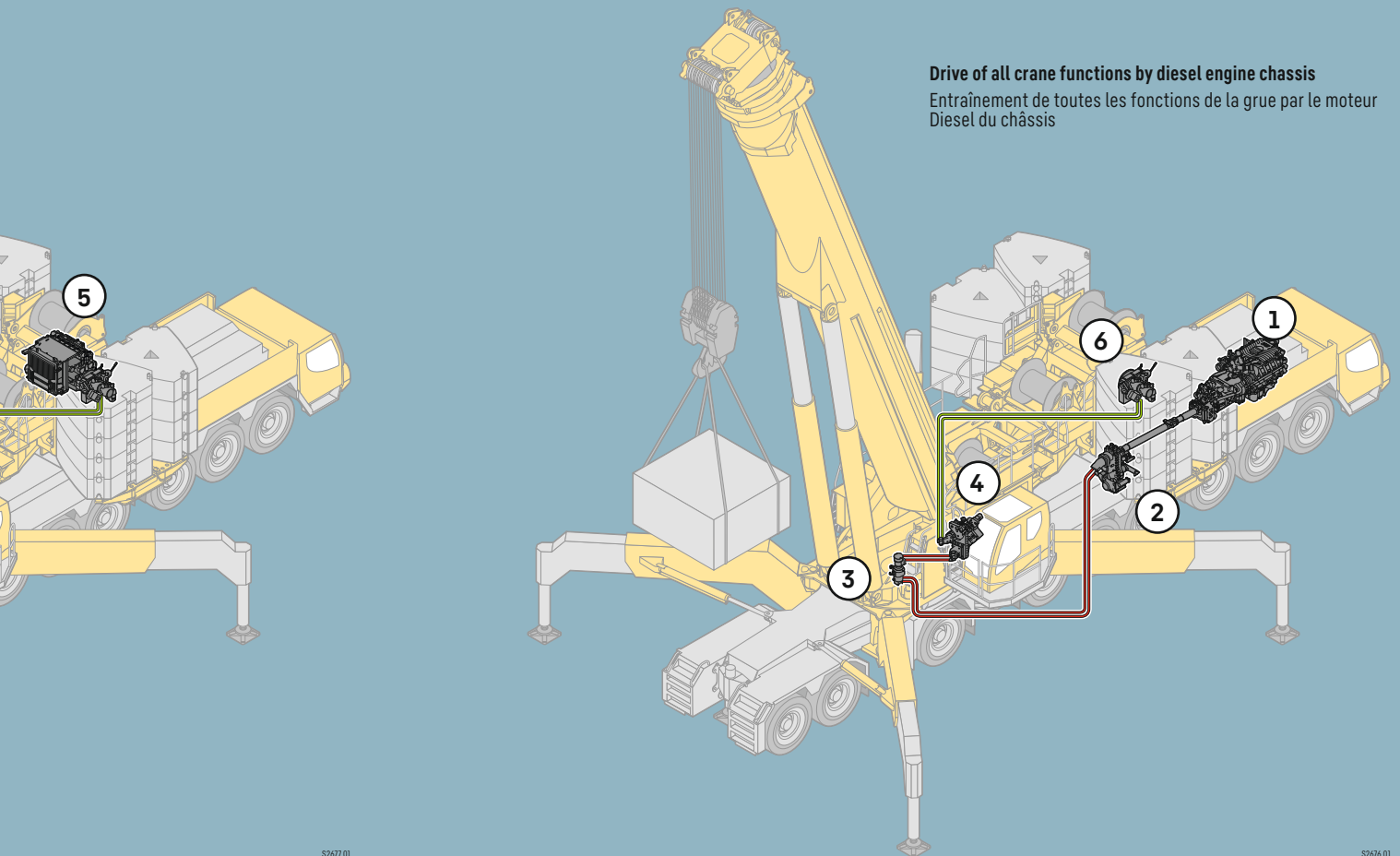
1 Diesel engine chassis
Moteur Diesel, châssis

2 Hydraulic pump distribution gearbox
for drive pump assembly
Pompe hydraulique, engrenage distributeur pour
l'entraînement du groupe moto-pompe

3 Hydraulic swivel
Joint tournant

Emergency operation
Mode de secours

Drive of all crane functions by diesel engine chassis
Entraînement de toutes les fonctions de la grue par le moteur Diesel du châssis



S2677.01

S2676.01

- 4** Pump assembly for drive:
- Winch 1, slewing gear, telescoping cylinder, luffing cylinder

Groupe moto-pompe pour l'entraînement :
- Treuil 1, mécanisme d'orientation, cylindre de télescopage, vérin de relevage

- 5** Diesel engine superstructure for drive:
- Pump assembly, winch 2, winch 3

Moteur Diesel, partie tournante pour l'entraînement :
- Groupe moto-pompe, treuil 2, treuil 3

- 6** Drive winch 2 and winch 3 by pump assembly

Entraînement, treuil 2 et treuil 3 par le groupe moto-pompe

Self-assembly on the job site

Montage autonome sur le chantier

Fast set-up without assisting crane
Montage rapide de l'équipement sans grue auxiliaire



1 Supported on the front outriggers
Calée sur les stabilisateurs avant



optional
en option



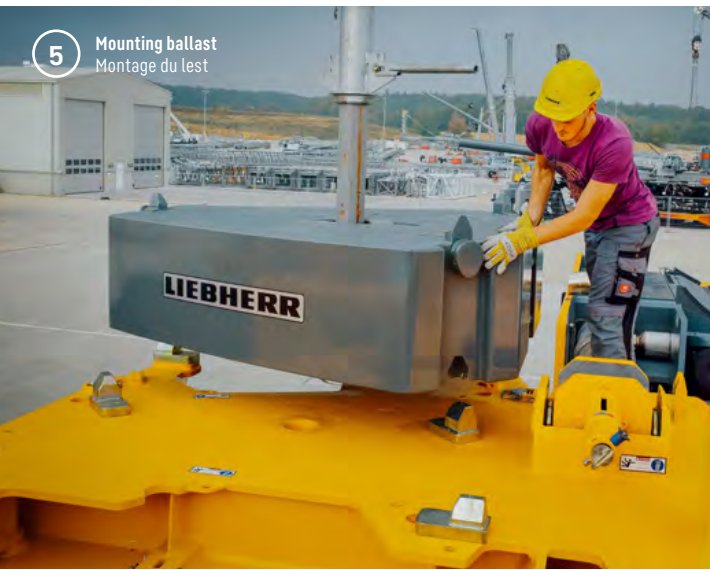
2 Additional support at the tail of the vehicle
Calage additionnel à l'arrière du véhicule



3 Self-assembly of the rear outriggers
Montage autonome des stabilisateurs arrière



4 Self-assembly counterweight
Montage autonome du contrepoids



5 Mounting ballast
Montage du lest



6 Self-assembly counterweight frame with drive assembly
Montage autonome du bâti de contreponds avec groupe de transmission



LIKUFIX– Quick hydraulic connection of the drive unit

LIKUFIX– Raccord hydraulique rapide de l'équipement moteur

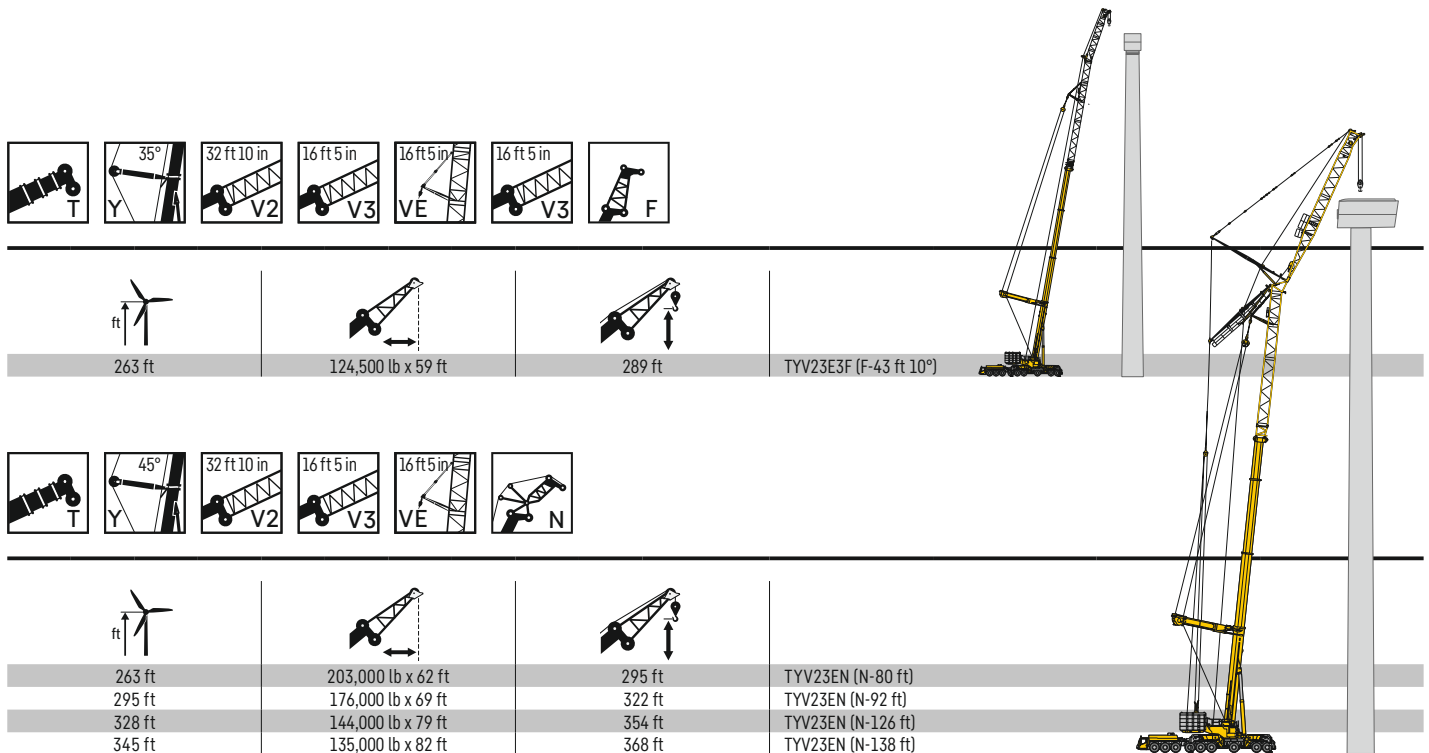
LIKUFIX is a hydraulic quick coupling system combined with an automatic hydraulic coupling system developed in-house by Liebherr. LIKUFIX enables the safe, fast hydraulic connection of the drive unit.

LIKUFIX est un système d'attache rapide hydraulique combiné avec un système d'accouplement hydraulique automatique, développé en interne par Liebherr. LIKUFIX permet un raccord hydraulique sûr et rapide de l'équipement moteur.



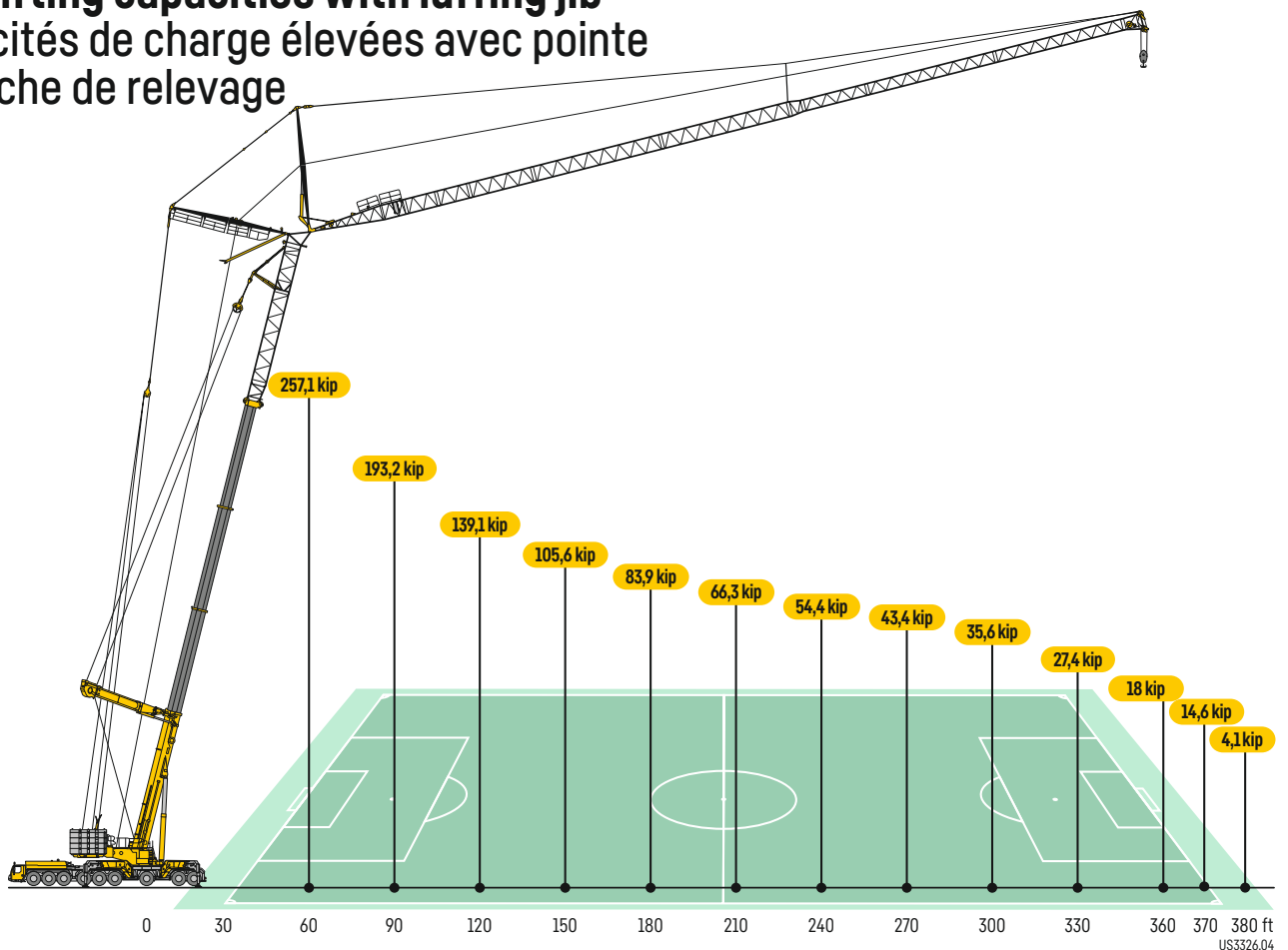
Optimized for the installation of wind power plants

Idéale pour l'installation de parcs éoliens



High lifting capacities with luffing jib

Capacités de charge élevées avec pointe de flèche de relevage



VarioBase®

More safety

With the Variable Supporting Base VarioBase® each individual crane support can be positioned differentially.

Sécurité accrue

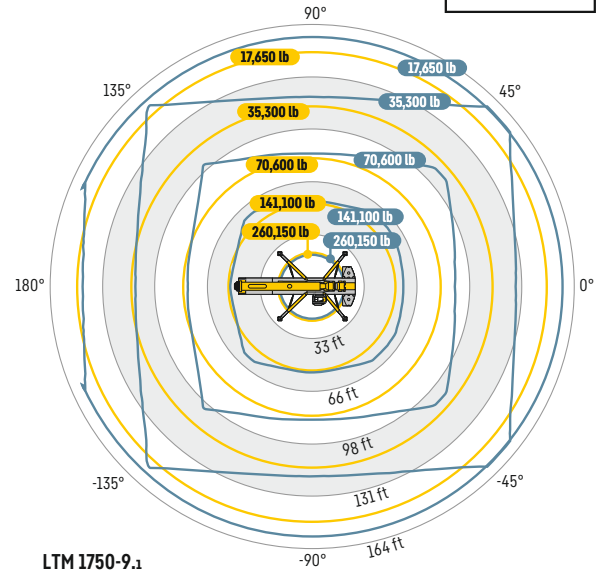
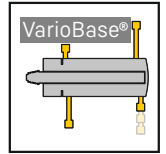
La base de calage variable VarioBase® permet de positionner chaque stabilisateur séparément et différemment.

More capacity and larger working range

The VarioBase® offers higher capacities and a larger working range for operations with partial ballast also at maximum support base.

Capacité supérieure et zone de travail élargie

La VarioBase® est synonyme de capacités de charge supérieures et d'une zone de travail élargie, même avec une base de calage large.



LTM 1750-9.1



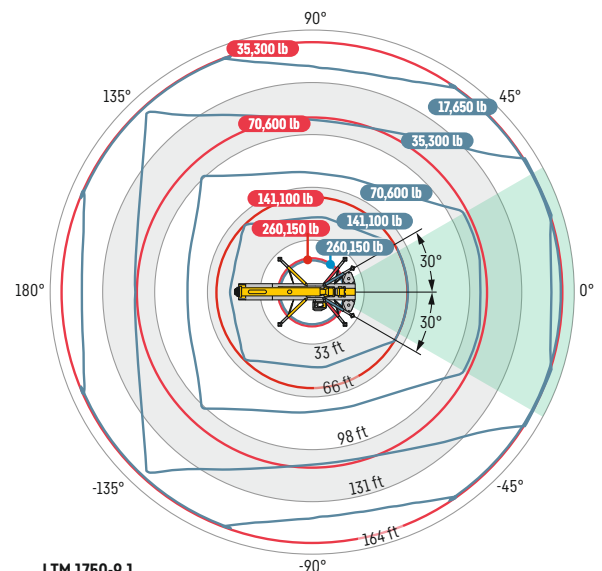
US3377.01

Optimized support base due to adjustable folding beam angle

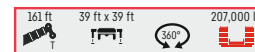
At the LTM 1750-9.1 with VarioBase® the folding beam angle of the stellate support can be variably adjusted.

Base de calage optimisée grâce à l'angle réglable de poutre rabattable

Sur la LTM 1750-9.1 avec VarioBase®, l'angle de poutre rabattable du calage en croix est variable.



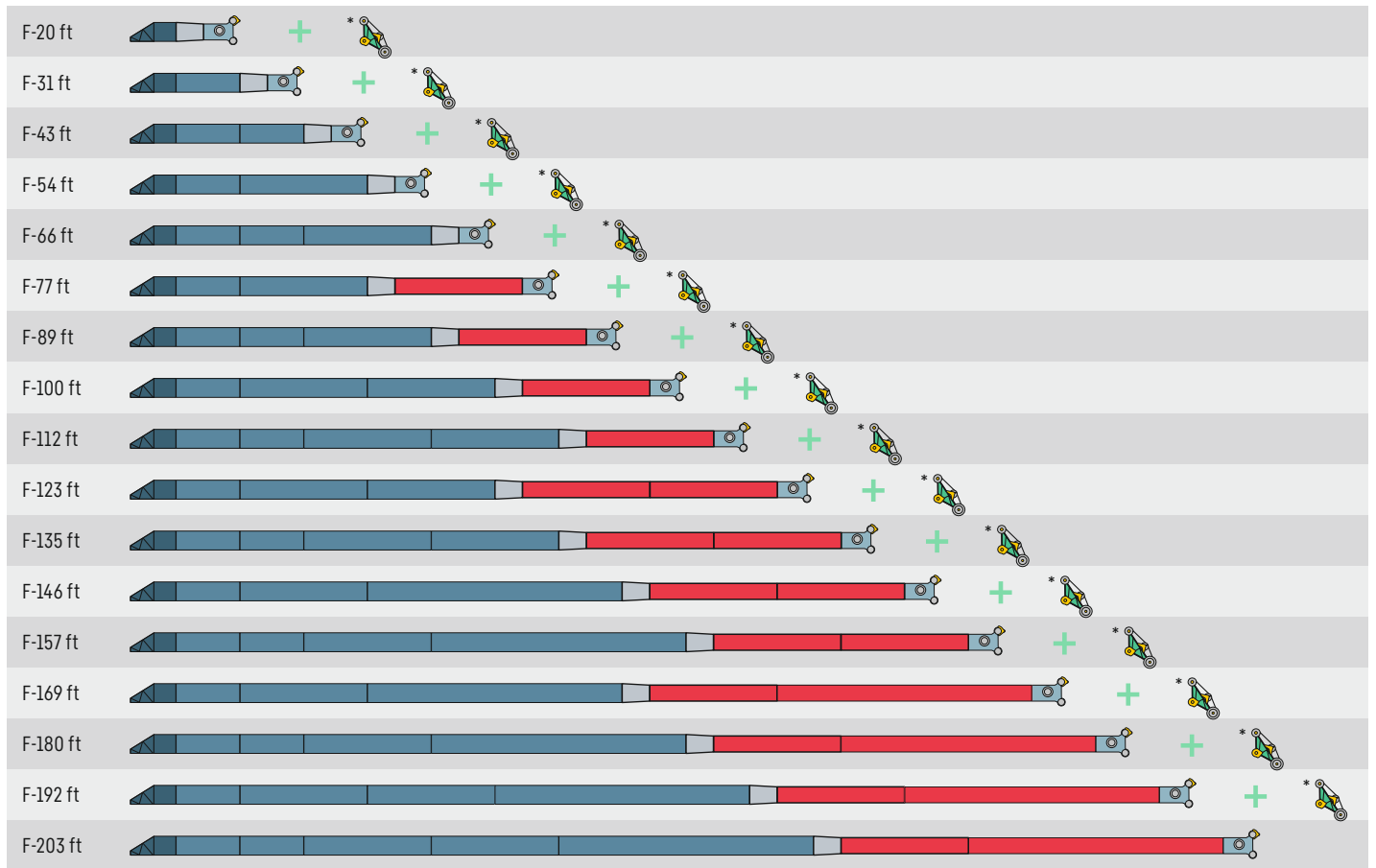
LTM 1750-9.1












US3376.01

Boom/jib combinations – Fixed fly jib

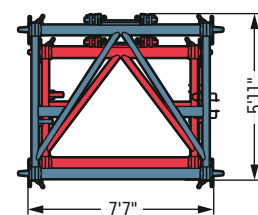
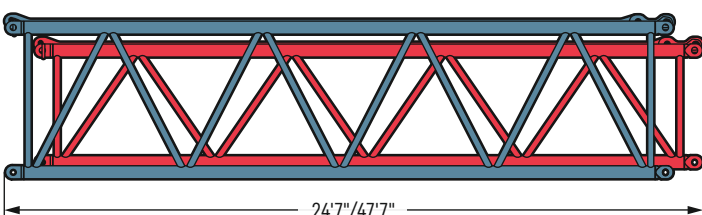
Configurations de flèche – Fléchette fixe



After the TF-adapter a 11'6" long NA-extension has to be installed. (Exception F-20 ft)
 Un élément NA de 11'6" doit être monté en bout de l'adaptateur TD. (Exception F-20 ft)

-  **8'2" TF-adapter** · TF-adaptateur
-  **NA-11'6"**
-  **NA-23'**
-  **NA-46'**
-  **4'11" reduction section** · Élément réducteur NI
-  **NI-23'**
-  **NI-46'**
-  **6'7" N head section** · Élément de tête N
-  **57" H auxiliary jib optional, dependent on boom system** · Fléchette auxiliaire H en option, selon le système de flèche

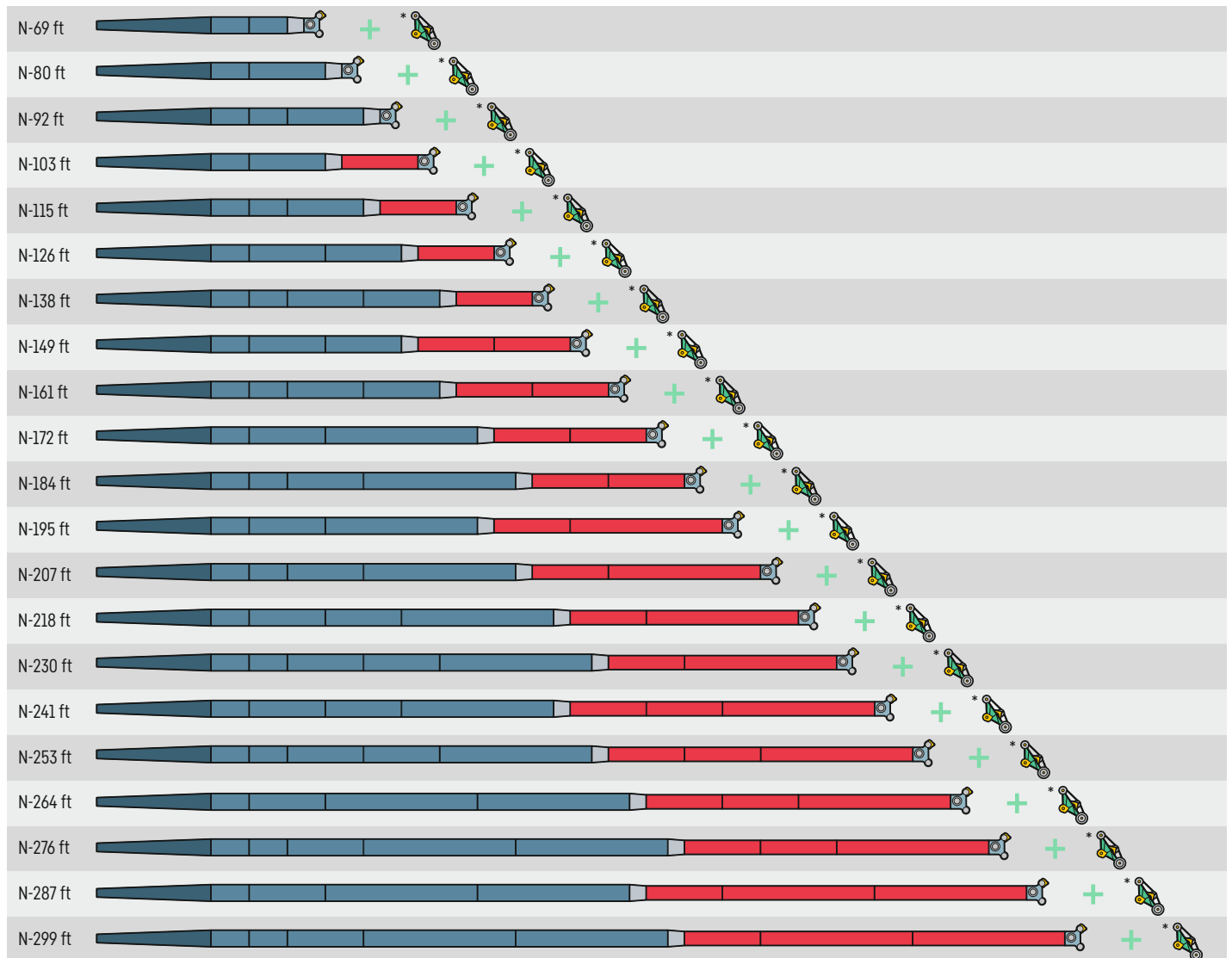
US3362.02












US2517.01

Boom/jib combinations – Luffing fly jib

Configurations de flèche – Fléchette à volée variable



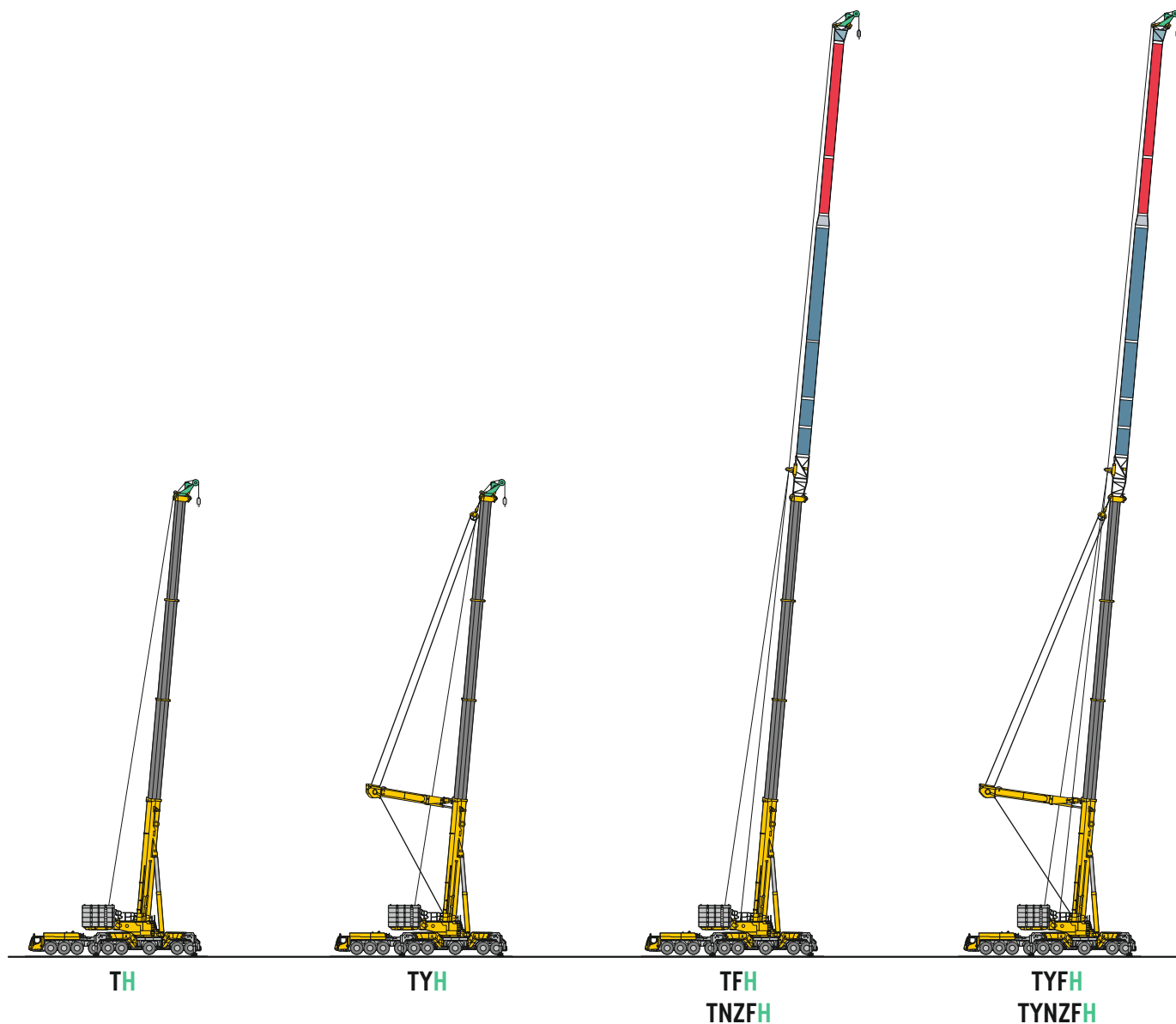
-  **34'5" N-shaped base section** · Element de base N
-  **NA-11'6"**
-  **NA-23'**
-  **NA-46'**
-  **4'11" reduction section** · Elément réducteur NI
-  **NI-23'**
-  **NI-46'**
-  **6'7" N head section** · Élément de tête N
-  **5'7" H auxiliary jib optional, dependent on boom system** · Fléchette auxiliaire H en option, selon le système de flèche

US3361.02

Boom/jib combinations

Configurations de flèche

- T** Telescopic boom - Flèche télescopique
- N** Luffing fly jib - Fléchette treillis à volée variable
- F** Fixed lattice jib - Fléchette treillis fixe
- NZF** Hydraulically adjustable lattice jib - Fléchette treillis à bras réglable hydrauliquement
- H** Auxiliary jib - Fléchette auxiliaire
max. system length with auxiliary jib not possible
longueur max. du système impossible avec la pointe auxiliaire



Boom/jib combinations

Configurations de flèche

Y Y-shaped guying system · Haubanage Y

VE Telescopic boom extension 16 ft 5 in + Eccentric · Rallonge de flèche télescopique 16 ft 5 in + Axe excentrique



TYVEFH
TYVENZFH



TYV2EFH
TYV2ENZFH



TYV23EFH
TYV23ENZFH



TYV23E3FH
TYV23E3NZFH



Boom/jib combinations

Configurations de flèche

V2 Telescopic boom extension 32 ft 10 in • Rallonge de flèche télescopique 32 ft 10 in

V3 Telescopic boom extension 16 ft 5 in • Rallonge de flèche télescopique 16 ft 5 in

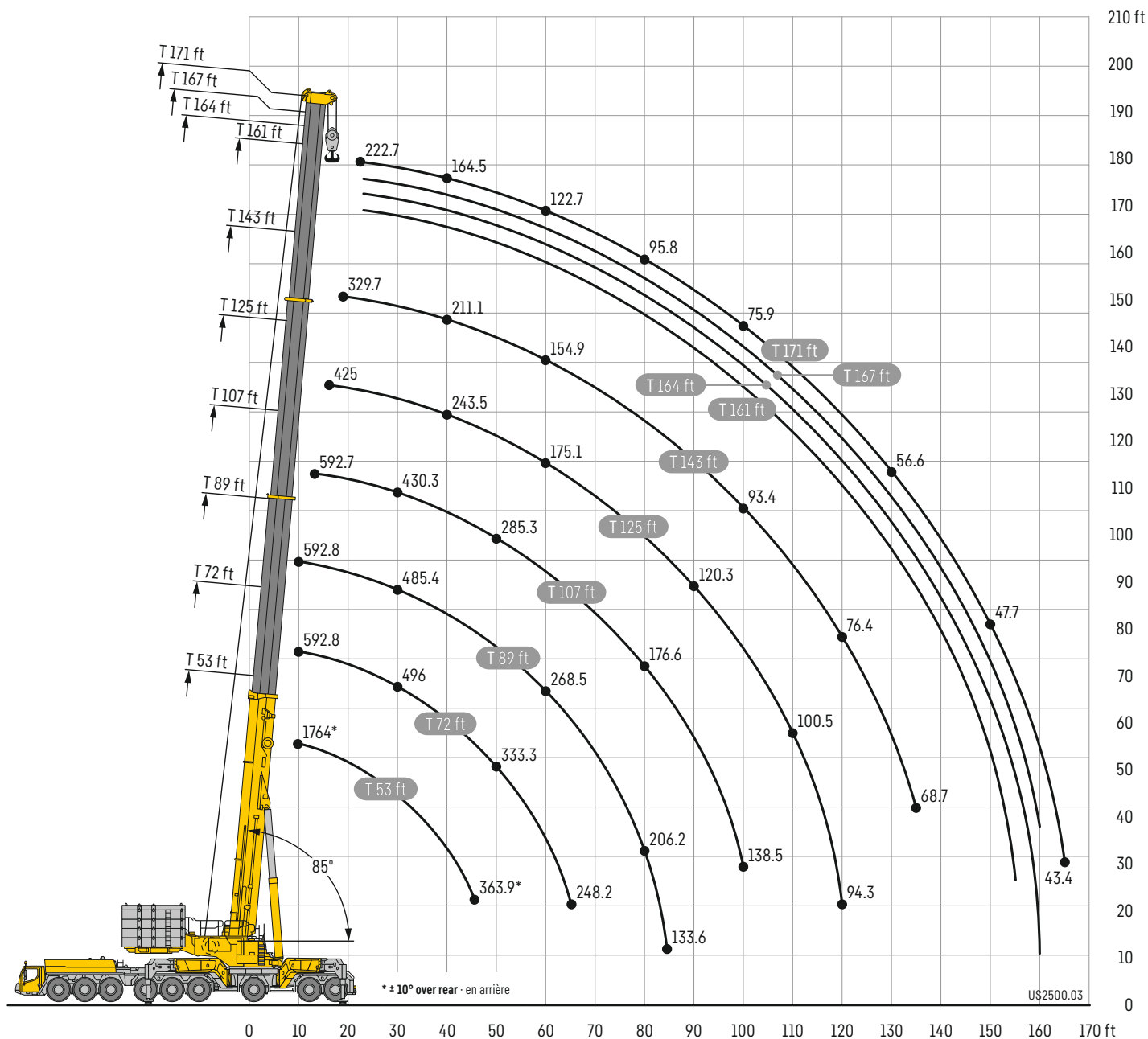


S2607.04

Lifting heights

Hauteurs de levage

T



Lifting capacities

Forces de levage

T



85%

| | 53 ft | | 72 ft | 89 ft | 107 ft | 125 ft | 143 ft | 161 ft | 164 ft | 167 ft | 171 ft | |
|-----|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| | * | | | | | | | | | | | |
| 10 | 1764 | 592.8 | 592.8 | 592.8 | | | | | | | | 10 |
| 11 | 977.3 | 592.8 | 592.8 | 592.8 | | | | | | | | 11 |
| 12 | 868 | 592.8 | 592.8 | 592.8 | 592.7 | | | | | | | 12 |
| 13 | 806.1 | 592.8 | 592.8 | 592.8 | 591 | | | | | | | 13 |
| 14 | 756.6 | 592.8 | 592.8 | 592.8 | 589.2 | | | | | | | 14 |
| 15 | 722.7 | 592.8 | 592.8 | 592.8 | 587.4 | 425 | | | | | | 15 |
| 16 | 697.3 | 592.8 | 592.8 | 590.9 | 585.6 | 414.9 | | | | | | 16 |
| 17 | 675.6 | 592.8 | 592.8 | 588.4 | 583.8 | 404.8 | | | | | | 17 |
| 18 | 654.9 | 592.8 | 592.8 | 586 | 582 | 394.7 | 329.7 | | | | | 18 |
| 19 | 634.9 | 592.8 | 592.8 | 583.6 | 580.2 | 384.5 | 323.6 | | | | | 19 |
| 20 | 616.5 | 592.8 | 592.8 | 581.2 | 570.2 | 374.4 | 316.9 | | | | | 20 |
| 22 | 593.6 | 592.8 | 592.8 | 576.4 | 541.6 | 354.2 | 303.7 | 255.9 | 247.5 | 228.8 | 222.7 | 22 |
| 24 | 577 | 577 | 576.6 | 568.2 | 512.6 | 338.1 | 290.4 | 247.1 | 239.5 | 222.5 | 216.1 | 24 |
| 26 | 547.5 | 547.5 | 547.5 | 540.7 | 483.6 | 324.2 | 277.5 | 238.3 | 231.4 | 215.9 | 208.7 | 26 |
| 28 | 520.5 | 520.5 | 520.5 | 513.3 | 454.5 | 310.7 | 265.6 | 229.5 | 223.3 | 209.4 | 201.4 | 28 |
| 30 | 495.9 | 495.9 | 496 | 485.4 | 430.3 | 297.3 | 256.5 | 220.7 | 215.2 | 202.8 | 194 | 30 |
| 32 | 473.5 | 473.5 | 473.5 | 457.5 | 412.4 | 283.8 | 247.4 | 212.6 | 207 | 196.3 | 186.7 | 32 |
| 34 | 452.8 | 452.8 | 452.8 | 436.4 | 394.9 | 270.9 | 238.3 | 206.4 | 201 | 190.8 | 180.1 | 34 |
| 36 | 433.9 | 433.9 | 433.7 | 420.1 | 377.5 | 260.3 | 229.2 | 200.2 | 195.1 | 185.8 | 174.7 | 36 |
| 38 | 416.2 | 416.2 | 416.1 | 404.4 | 360.1 | 251.9 | 220.2 | 194 | 189.3 | 181 | 169.6 | 38 |
| 40 | 399.8 | 399.8 | 399.8 | 388.9 | 342.6 | 243.5 | 211.1 | 187.9 | 183.6 | 176.2 | 164.5 | 40 |
| 45 | 363.9 | 363.9 | 363.9 | 350.3 | 310.6 | 222.5 | 195.5 | 172.5 | 169.1 | 164.2 | 151.7 | 45 |
| 50 | | | 333.3 | 315.1 | 285.3 | 203.2 | 181.2 | 160.4 | 156.6 | 152.6 | 139.4 | 50 |
| 55 | | | 307 | 291.8 | 259.9 | 188.4 | 167.1 | 150.3 | 147.2 | 143.8 | 130.9 | 55 |
| 60 | | | 284.2 | 268.5 | 236 | 175.1 | 154.9 | 140.3 | 137.8 | 135 | 122.7 | 60 |
| 65 | | | 248.2 | 249 | 220 | 163.1 | 145.9 | 130.2 | 128.4 | 126.2 | 114.4 | 65 |
| 70 | | | | 233.2 | 203.9 | 151.1 | 136.8 | 123 | 120.7 | 118.2 | 106.4 | 70 |
| 75 | | | | 217.9 | 188.3 | 143.3 | 127.8 | 116.7 | 114.6 | 112.2 | 101 | 75 |
| 80 | | | | 206.2 | 176.6 | 135.4 | 118.7 | 110.3 | 108.5 | 106.6 | 95.8 | 80 |
| 85 | | | | 133.6 | 165.8 | 127.6 | 111.9 | 104 | 102.5 | 100.9 | 90.7 | 85 |
| 90 | | | | | 155.3 | 120.3 | 105.8 | 97.6 | 96.5 | 95.3 | 85.5 | 90 |
| 95 | | | | | 147.2 | 115 | 99.6 | 92.4 | 91.1 | 89.8 | 80.4 | 95 |
| 100 | | | | | 138.5 | 109.7 | 93.4 | 88.2 | 86.7 | 85.3 | 75.9 | 100 |
| 105 | | | | | | 104.4 | 88.1 | 83.9 | 82.7 | 81.4 | 72.4 | 105 |
| 110 | | | | | | | 100.5 | 83.7 | 79.7 | 78.7 | 69 | 110 |
| 115 | | | | | | | 96.8 | 80 | 75.5 | 74.7 | 65.6 | 115 |
| 120 | | | | | | | 94.3 | 76.4 | 72 | 71 | 62.1 | 120 |
| 125 | | | | | | | | 73.6 | 68.9 | 68 | 66.9 | 125 |
| 130 | | | | | | | | 71.1 | 65.8 | 65.2 | 64.3 | 130 |
| 135 | | | | | | | | 68.7 | 62.7 | 62.3 | 61.6 | 135 |
| 140 | | | | | | | | | 59.9 | 59.4 | 58.9 | 140 |
| 145 | | | | | | | | | 57.4 | 57 | 56.4 | 145 |
| 150 | | | | | | | | | 55 | 54.7 | 54.1 | 150 |
| 155 | | | | | | | | | 52.9 | 52.3 | 51.9 | 155 |
| 160 | | | | | | | | | | 46.1 | 49.9 | 160 |
| 165 | | | | | | | | | | | 43.4 | 165 |

** ± 10° over rear - en arrière

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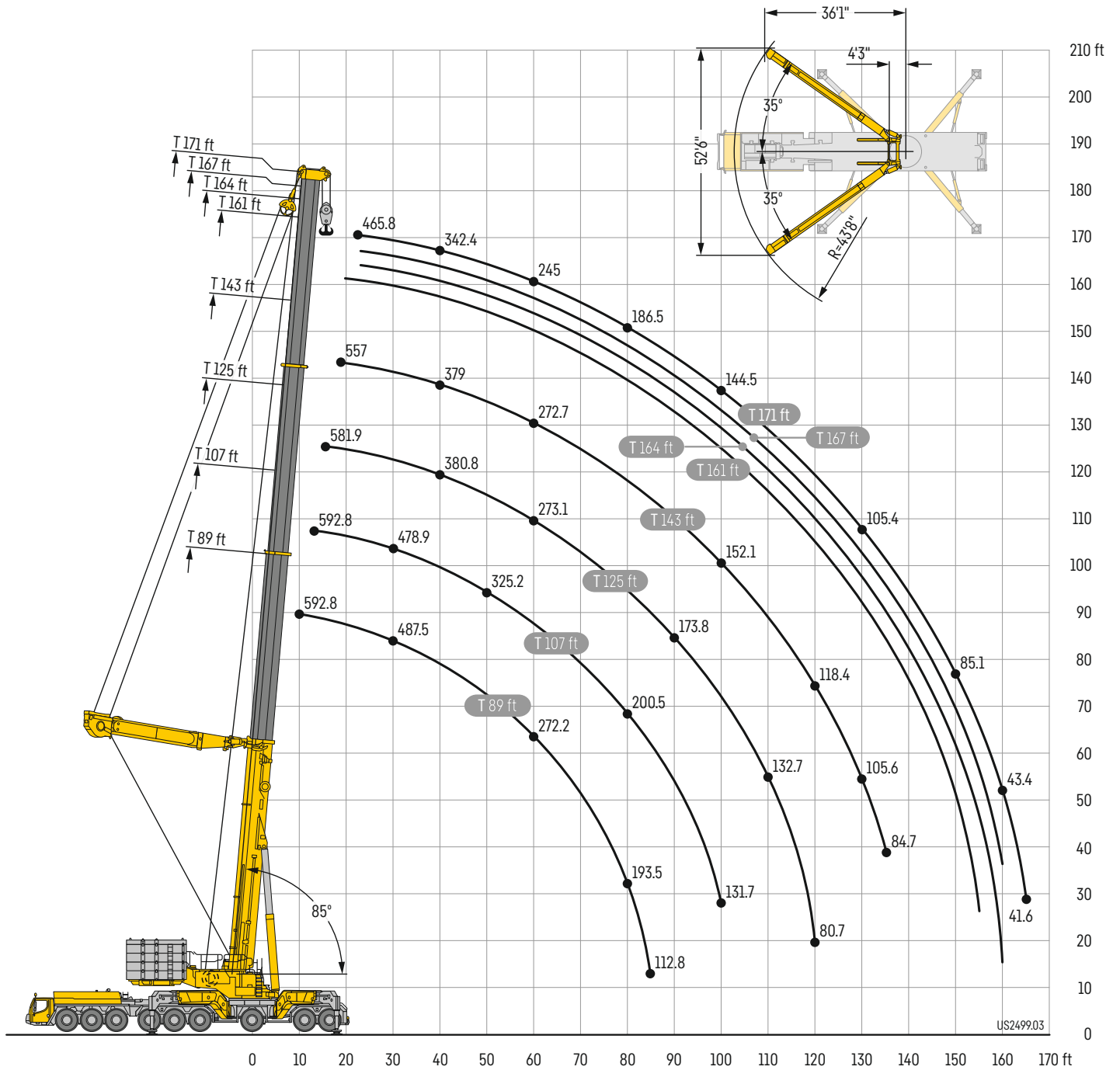
Lifting heights

Hauteurs de levage

TY

35°

Y

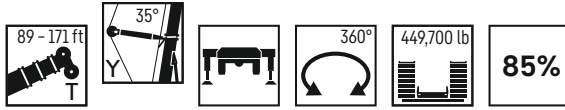


US2499.03

Lifting capacities

Forces de levage

TY



| | 89 ft | 107 ft | 125 ft | 143 ft | 161 ft | 164 ft | 167 ft | 171 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| 10 | 592.8 | | | | | | | | 10 |
| 11 | 592.8 | | | | | | | | 11 |
| 12 | 592.8 | 592.8 | | | | | | | 12 |
| 13 | 592.8 | 592.8 | | | | | | | 13 |
| 14 | 592.8 | 592.8 | | | | | | | 14 |
| 15 | 592.8 | 592.8 | 581.9 | | | | | | 15 |
| 16 | 592.8 | 592.8 | 586 | | | | | | 16 |
| 17 | 592.8 | 592.8 | 583 | | | | | | 17 |
| 18 | 592.8 | 592.8 | 580 | 557 | | | | | 18 |
| 19 | 592.8 | 592 | 577 | 551.5 | | | | | 19 |
| 20 | 592.8 | 588.2 | 574 | 545.9 | 492.2 | 488.3 | | | 20 |
| 22 | 592.3 | 575.3 | 561.7 | 534.6 | 478.6 | 479.1 | 463.1 | 465.8 | 22 |
| 24 | 565.2 | 552.1 | 536.5 | 523.3 | 464.6 | 465.2 | 450.5 | 451.3 | 24 |
| 26 | 537.1 | 526.1 | 511.2 | 507.8 | 450.5 | 449.6 | 437.9 | 436.9 | 26 |
| 28 | 511.1 | 501.6 | 488 | 484.7 | 436.5 | 433.9 | 425.4 | 422.4 | 28 |
| 30 | 487.5 | 478.9 | 466.6 | 463.8 | 422.2 | 418.7 | 412.8 | 407.9 | 30 |
| 32 | 466 | 458.1 | 446.8 | 444.4 | 407.7 | 404 | 399.7 | 394.2 | 32 |
| 34 | 445.5 | 438.9 | 428.5 | 426.3 | 393 | 390 | 386.3 | 380.8 | 34 |
| 36 | 426.4 | 421.1 | 411.5 | 409.5 | 378.4 | 375.9 | 372.8 | 368 | 36 |
| 38 | 408.5 | 404.8 | 395.6 | 393.7 | 363.7 | 361.9 | 359.3 | 355.2 | 38 |
| 40 | 391.6 | 389.2 | 380.8 | 379 | 349 | 347.8 | 345.8 | 342.4 | 40 |
| 45 | 354.3 | 354.8 | 348.1 | 346.4 | 314 | 313.4 | 312.2 | 310.3 | 45 |
| 50 | 322.8 | 325.2 | 319.6 | 318.5 | 291.7 | 289.8 | 287.4 | 284.3 | 50 |
| 55 | 295.8 | 299.5 | 294.7 | 294.1 | 269.5 | 268.4 | 266.9 | 264.6 | 55 |
| 60 | 272.2 | 275.9 | 273.1 | 272.7 | 247.2 | 246.9 | 246.4 | 245 | 60 |
| 65 | 251.4 | 255.4 | 254 | 253.6 | 228.7 | 227.9 | 227.2 | 225.8 | 65 |
| 70 | 231.7 | 236.7 | 235.2 | 235 | 214.8 | 213.2 | 211.7 | 209.5 | 70 |
| 75 | 211.9 | 217.6 | 217.3 | 217 | 201.8 | 200.7 | 199.7 | 198 | 75 |
| 80 | 193.5 | 200.5 | 201.3 | 201.1 | 188.9 | 188.2 | 187.8 | 186.5 | 80 |
| 85 | 112.8 | 185.4 | 187.1 | 187.2 | 175.9 | 175.8 | 175.8 | 175 | 85 |
| 90 | | 172 | 173.8 | 174.6 | 163.2 | 163.4 | 163.8 | 163.5 | 90 |
| 95 | | 159.9 | 161.8 | 162.7 | 155.1 | 154 | 153.2 | 152 | 95 |
| 100 | | 131.7 | 151.1 | 152.1 | 147 | 146.3 | 145.8 | 144.5 | 100 |
| 105 | | | 141.5 | 142.4 | 139 | 138.6 | 138.5 | 137.4 | 105 |
| 110 | | | 132.7 | 133.7 | 130.9 | 130.9 | 131.1 | 130.3 | 110 |
| 115 | | | 120.4 | 125.7 | 123.2 | 123.3 | 123.7 | 123.3 | 115 |
| 120 | | | 80.7 | 118.4 | 117.4 | 117 | 116.7 | 116.3 | 120 |
| 125 | | | | 111.7 | 111.1 | 111.5 | 111.4 | 110.5 | 125 |
| 130 | | | | 105.6 | 104.9 | 105.4 | 105.8 | 105.4 | 130 |
| 135 | | | | 84.7 | 99.2 | 99.6 | 100 | 99.9 | 135 |
| 140 | | | | | 94 | 94.4 | 94.7 | 94.5 | 140 |
| 145 | | | | | 89.1 | 89.5 | 89.9 | 89.7 | 145 |
| 150 | | | | | 77.9 | 85 | 85.3 | 85.1 | 150 |
| 155 | | | | | 54.1 | 68.4 | 76.8 | 80.9 | 155 |
| 160 | | | | | | 31.6 | 57.5 | 67.8 | 160 |
| 165 | | | | | | | | 43.4 | 165 |

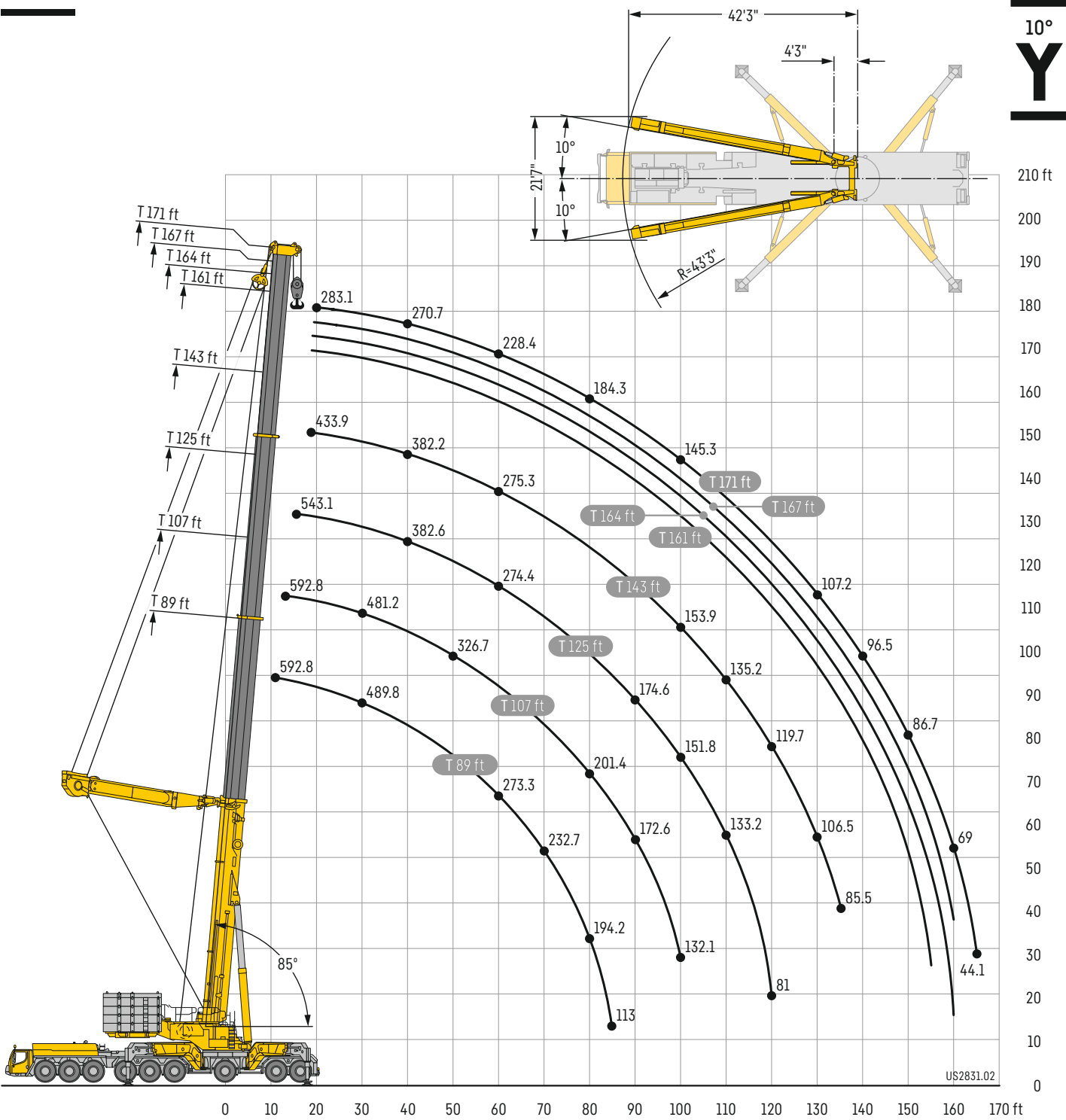
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Lifting heights

Hauteurs de levage

TY

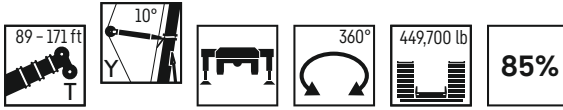
10°
Y



Lifting capacities

Forces de levage

TY



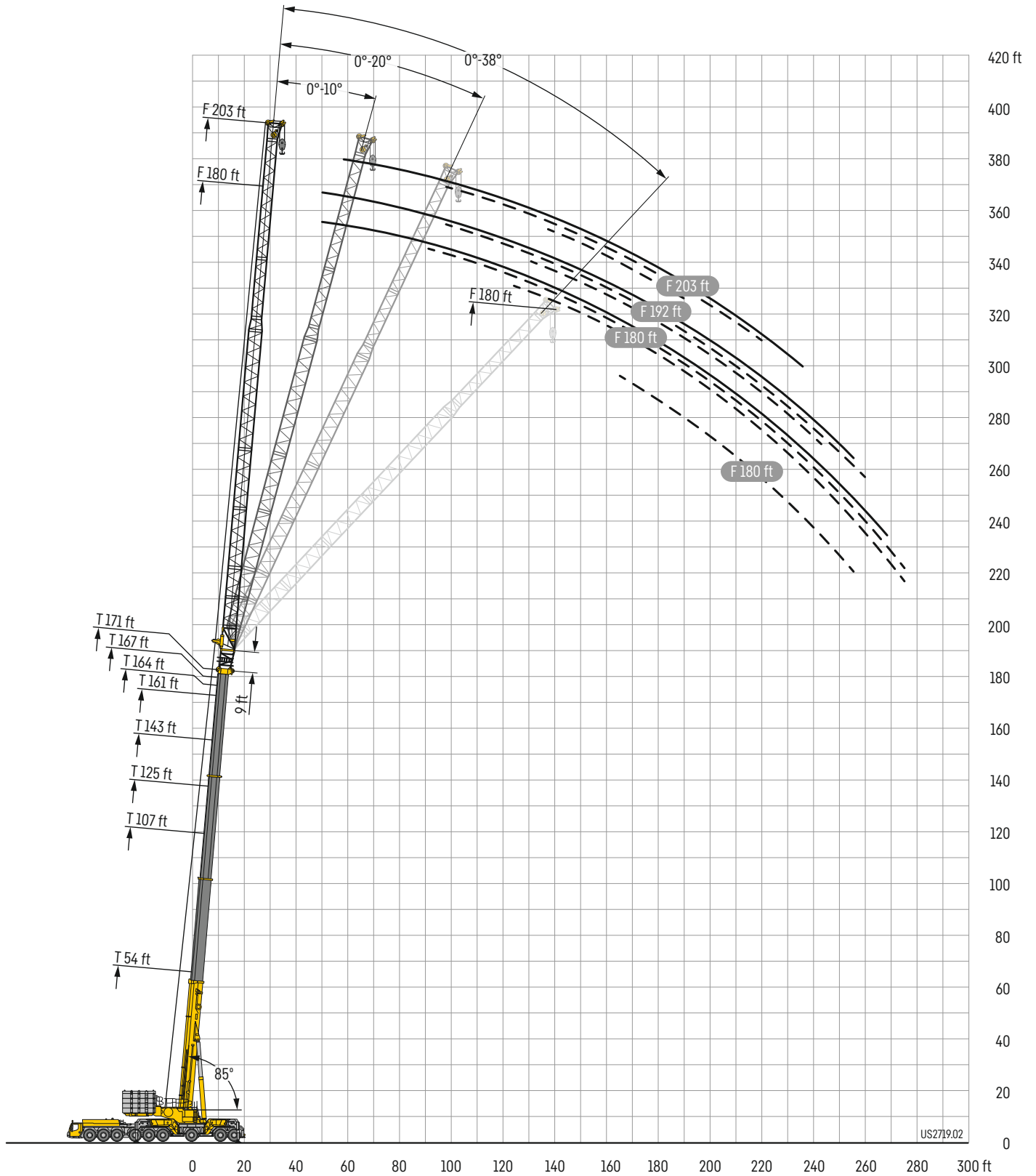
| | 89 ft | 107 ft | 125 ft | 143 ft | 161 ft | 164 ft | 167 ft | 171 ft | |
|-----|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| 11 | 592.8 | | | | | | | | 11 |
| 12 | 592.8 | | | | | | | | 12 |
| 13 | 592.8 | 592.8 | | | | | | | 13 |
| 14 | 592.8 | 592.8 | | | | | | | 14 |
| 15 | 592.8 | 592.8 | 543.1 | | | | | | 15 |
| 16 | 592.8 | 592.8 | 584.5 | | | | | | 16 |
| 17 | 592.8 | 592.8 | 584.6 | 433.9 | | | | | 17 |
| 18 | 592.8 | 592.8 | 584.8 | 434.8 | | | | | 18 |
| 19 | 592.8 | 592.6 | 584.9 | 435.1 | 329.3 | 313 | | | 19 |
| 20 | 592.8 | 592.3 | 585.1 | 435.3 | 329 | 313.4 | 297.6 | 283.1 | 20 |
| 22 | 592.8 | 581.7 | 566.6 | 435.8 | 328.3 | 313.2 | 297.8 | 283.9 | 22 |
| 24 | 567.9 | 555.6 | 539 | 436.2 | 327.7 | 313.1 | 298.1 | 284.5 | 24 |
| 26 | 539.6 | 528.6 | 513.6 | 435.7 | 327 | 313 | 298.3 | 285.2 | 26 |
| 28 | 513.5 | 503.9 | 490.3 | 431.8 | 326.4 | 312.9 | 298.5 | 285.8 | 28 |
| 30 | 489.8 | 481.2 | 468.8 | 426.3 | 323.7 | 311.5 | 298.4 | 286.5 | 30 |
| 32 | 468.2 | 460.3 | 448.9 | 420.8 | 320 | 308 | 295.1 | 284.1 | 32 |
| 34 | 447.6 | 441 | 430.5 | 415.3 | 316.2 | 304.4 | 291.7 | 280.9 | 34 |
| 36 | 428.4 | 423.1 | 413.4 | 408 | 312.5 | 300.7 | 288.2 | 277.5 | 36 |
| 38 | 410.4 | 406.7 | 397.5 | 397 | 308.7 | 297.1 | 284.6 | 274.1 | 38 |
| 40 | 393.4 | 391 | 382.6 | 382.2 | 305 | 293.5 | 281.1 | 270.7 | 40 |
| 45 | 356 | 356.4 | 349.7 | 349.4 | 293.8 | 283.5 | 271.9 | 262 | 45 |
| 50 | 324.3 | 326.7 | 321.1 | 321.3 | 275.8 | 268.7 | 259.6 | 251.6 | 50 |
| 55 | 297 | 300.8 | 296.1 | 296.8 | 257.9 | 253.1 | 246.3 | 240 | 55 |
| 60 | 273.3 | 277.1 | 274.4 | 275.3 | 240 | 237.5 | 232.9 | 228.4 | 60 |
| 65 | 252.3 | 256.6 | 255.2 | 256.2 | 224.7 | 223.2 | 220 | 216.8 | 65 |
| 70 | 232.7 | 237.8 | 236.5 | 237.6 | 212.1 | 210.7 | 208.1 | 205.7 | 70 |
| 75 | 212.7 | 218.7 | 218.5 | 219.5 | 199.9 | 198.9 | 196.9 | 195 | 75 |
| 80 | 194.2 | 201.4 | 202.4 | 203.4 | 187.6 | 187.2 | 185.7 | 184.3 | 80 |
| 85 | 113 | 186.2 | 188 | 189.4 | 175.4 | 175.5 | 174.5 | 173.6 | 85 |
| 90 | | 172.6 | 174.6 | 176.6 | 163.8 | 164.1 | 163.4 | 162.9 | 90 |
| 95 | | 160.5 | 162.6 | 164.6 | 155.8 | 155.1 | 153.6 | 152.4 | 95 |
| 100 | | 132.1 | 151.8 | 153.9 | 147.8 | 147.5 | 146.4 | 145.3 | 100 |
| 105 | | | 142.1 | 144.1 | 139.9 | 139.9 | 139.2 | 138.4 | 105 |
| 110 | | | 133.2 | 135.2 | 132 | 132.3 | 132 | 131.5 | 110 |
| 115 | | | 120.8 | 127.1 | 124.5 | 124.9 | 124.8 | 124.7 | 115 |
| 120 | | | 81 | 119.7 | 118.8 | 118.7 | 118.1 | 117.9 | 120 |
| 125 | | | | 112.8 | 112.9 | 113.2 | 112.9 | 112.3 | 125 |
| 130 | | | | 106.5 | 106.7 | 107.4 | 107.5 | 107.2 | 130 |
| 135 | | | | 85.5 | 100.8 | 101.5 | 101.8 | 101.9 | 135 |
| 140 | | | | | 95.4 | 96.1 | 96.4 | 96.5 | 140 |
| 145 | | | | | 90.3 | 91 | 91.3 | 91.4 | 145 |
| 150 | | | | | 79 | 86.2 | 86.6 | 86.7 | 150 |
| 155 | | | | | 54.8 | 69.5 | 78 | 82.2 | 155 |
| 160 | | | | | | 32 | 58.4 | 69 | 160 |
| 165 | | | | | | | | 44.1 | 165 |

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Lifting heights

Hauteurs de levage

TNZF



Lifting capacities

Forces de levage

TNZF 20 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | | |
|-----|---------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|-------|-----|
| | TNZF 20 ft | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | | |
| 10 | 264.3 | | | | | | | | | | | | | | | | | | | | 10 | |
| 11 | 261.3 | | | | | | | | | | | | | | | | | | | | | 11 |
| 12 | 258.4 | | | | | | | | | | | | | | | | | | | | | 12 |
| 13 | 255.5 | 210.7 | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | 252.6 | 207.1 | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | 249.6 | 203.5 | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 246.6 | 199.9 | 162.7 | | 248.8 | | | | | | | | | | | | | | | | | 16 |
| 17 | 243.6 | 196.2 | 160.5 | | 247.2 | | | | | | | | | | | | | | | | | 17 |
| 18 | 239.7 | 192.6 | 158.3 | | 245.6 | | | | | | | | | | | | | | | | | 18 |
| 19 | 234.9 | 189 | 156.1 | | 244 | | | | 238.1 | | | | | | | | | | | | | 19 |
| 20 | 229.1 | 185.4 | 153.9 | | 242.4 | 207 | | | 236.8 | | | | | | | | | | | | | 20 |
| 22 | 217.6 | 178.1 | 149.5 | 120.4 | 239.1 | 202.7 | | | 234.3 | | | | | | | | | | | | | 22 |
| 24 | 208.7 | 170.9 | 145.1 | 118.6 | 235.8 | 198.3 | 159 | | 231.7 | 203.2 | | | | 206.8 | | | | | | | | 24 |
| 26 | 201.1 | 163.9 | 141.2 | 116.7 | 232.4 | 194 | 156.4 | | 229.2 | 199.4 | 159.1 | | | 201.8 | | | | 168.8 | | | | 26 |
| 28 | 193.5 | 159.2 | 137.8 | 114.9 | 228.9 | 189.7 | 153.8 | 120.4 | 226.4 | 195.5 | 156.8 | | | 196.9 | 191.9 | | | 164.6 | | | | 28 |
| 30 | 185.9 | 154.6 | 134.4 | 113 | 225.5 | 185.4 | 151.2 | 119.3 | 220.8 | 191.7 | 154.5 | 120.4 | | 192 | 186.6 | 157.2 | | 160 | 154.3 | | | 30 |
| 32 | 178.3 | 150 | 131 | 111.2 | 222.1 | 181.1 | 148.5 | 118.3 | 214.8 | 187.9 | 152.2 | 119.5 | | 187 | 181.3 | 155.1 | | 155.4 | 150.3 | | | 32 |
| 34 | 170.8 | 145.4 | 127.5 | 109.3 | 218.6 | 176.7 | 145.9 | 117.2 | 208.7 | 184.1 | 149.9 | 118.5 | 181.8 | 176 | 153.1 | 119.5 | | 150.8 | 146.2 | 142.5 | | 34 |
| 36 | 164.2 | 141.3 | 124.7 | 107.6 | 215 | 172.4 | 143.3 | 116.1 | 202.7 | 180.3 | 147.6 | 117.6 | 176.5 | 171.1 | 151 | 118.2 | | 146.4 | 142.2 | 139 | | 36 |
| 38 | 158.6 | 137.6 | 122.7 | 105.9 | 210.7 | 168.1 | 141.3 | 115.1 | 196.7 | 176.5 | 145.3 | 116.7 | 171.1 | 166.4 | 148.9 | 116.7 | | 142.2 | 138.2 | 135.4 | 115.1 | 38 |
| 40 | 153.6 | 134 | 120.6 | 103.9 | 206.1 | 163.9 | 139.3 | 113.6 | 190.8 | 172.7 | 143.1 | 115.5 | 165.8 | 161.8 | 146.9 | 115.4 | | 138.8 | 134.6 | 131.7 | 113.9 | 40 |
| 45 | 141.6 | 125.1 | 115.5 | 99.7 | 194.8 | 157.1 | 134.3 | 110 | 177 | 163.6 | 138.6 | 112 | 152.4 | 150.1 | 142.1 | 112.1 | | 130.1 | 126.5 | 123.8 | 110.9 | 45 |
| 50 | 131.5 | 119.4 | 110.3 | 95.8 | 183.5 | 150.2 | 129.2 | 106.5 | 163.6 | 157.4 | 134.2 | 108.9 | 141.8 | 139.9 | 137.2 | 109.2 | | 121.5 | 118.5 | 116.3 | 108.1 | 50 |
| 55 | 122.9 | 113.7 | 105.1 | 91.7 | 172.1 | 143.4 | 124.8 | 103.6 | 150.8 | 148.2 | 129.8 | 106 | 132.4 | 130.7 | 128.9 | 106.5 | | 114.1 | 111.5 | 109.7 | 104.9 | 55 |
| 60 | 116.2 | 107.9 | 99.5 | 90.3 | 162.2 | 138 | 121.8 | 100.8 | 140.6 | 139.3 | 125.5 | 103.4 | 123.1 | 121.5 | 120.7 | 104.1 | | 108 | 105.5 | 103.7 | 101.4 | 60 |
| 65 | 109.6 | 101.4 | 94.5 | 46.7 | 154.6 | 132.6 | 118.8 | 98.4 | 132.1 | 130.5 | 122.9 | 101.1 | 114.6 | 113.9 | 113.9 | 101.8 | | 101.8 | 99.5 | 97.8 | 96.7 | 65 |
| 70 | 101.4 | 94.9 | 90.4 | 11 | 147.3 | 127.3 | 115.8 | 96.3 | 123.6 | 121.8 | 119.5 | 98.9 | 108.2 | 107.5 | 107.1 | 99.5 | | 95.7 | 93.7 | 93 | 91.8 | 70 |
| 75 | 92.7 | 90.3 | 37.3 | | 140.6 | 123.3 | 111.3 | 94.4 | 115.1 | 114 | 113.2 | 97 | 102.1 | 101.1 | 100.3 | 97.2 | | 90.5 | 89.3 | 88.6 | 87.1 | 75 |
| 80 | | | | | 134.6 | 119.9 | 107.7 | 92.8 | 107.9 | 107.8 | 107 | 95.3 | 95.9 | 94.7 | 94.5 | 94.7 | | 86.1 | 85 | 84.1 | 83.2 | 80 |
| 85 | | | | | 128.7 | 115.9 | 104.2 | 91.4 | 102.4 | 101.8 | 100.9 | 93.6 | 89.8 | 89 | 89.5 | 89.9 | | 81.6 | 80.6 | 79.8 | 79.3 | 85 |
| 90 | | | | | 123.8 | 111.3 | 100.9 | 90.3 | 96.8 | 95.9 | 95.7 | 92 | 84.6 | 84.5 | 84.6 | 85 | | 77.1 | 76.3 | 75.9 | 75.7 | 90 |
| 95 | | | | | 119.8 | 106.8 | 98.3 | | 91.3 | 90.6 | 90.8 | 90 | 80.3 | 80.1 | 79.9 | 80.5 | | 72.6 | 72.4 | 72.4 | 72.4 | 95 |
| 100 | | | | | 114.6 | 102.8 | 95.7 | | 86.1 | 86.1 | 85.9 | 86.1 | 76.3 | 75.7 | 75.8 | 76.6 | | 68.7 | 69 | 68.9 | 69.2 | 100 |
| 105 | | | | | 108.9 | 99.6 | 93.5 | | 81.8 | 81.7 | 81.5 | 81.5 | 72.2 | 71.5 | 72.2 | 72.7 | | 65.5 | 65.6 | 65.4 | 66.1 | 105 |
| 110 | | | | | 104.4 | 96.3 | 91.7 | | 77.6 | 77.2 | 77.5 | | 68.2 | 68.3 | 68.5 | 69.1 | | 62.4 | 62.3 | 62.4 | 63 | 110 |
| 115 | | | | | 100 | 93.6 | 90.2 | | 73.4 | 73.3 | 73.5 | | 64.9 | 65.1 | 64.9 | 65.7 | | 59.4 | 59 | 59.6 | 60 | 115 |
| 120 | | | | | 95.9 | 91.2 | | | 69.3 | 69.5 | 69.8 | | 62 | 61.9 | 62 | | | 56.4 | 56.3 | 56.8 | 57.1 | 120 |
| 125 | | | | | 92.4 | | | | 65.8 | 65.8 | 66.2 | | 59 | 58.8 | 59 | | | 53.6 | 53.9 | 54 | 54.5 | 125 |
| 130 | | | | | | | | | 62.3 | 62.3 | 62.7 | | 56.1 | 56.1 | 56.1 | | | 51.2 | 51.4 | 51.6 | | 130 |
| 135 | | | | | | | | | 58.8 | 59.1 | | | 53.3 | 53.5 | 53.5 | | | 49 | 49 | 49.3 | | 135 |
| 140 | | | | | | | | | 55.9 | 56 | | | 51 | 51 | 51 | | | 46.8 | 46.6 | 47.1 | | 140 |
| 145 | | | | | | | | | 53.1 | | | | 48.7 | 48.6 | 48.7 | | | 44.6 | 44.6 | 44.9 | | 145 |
| 150 | | | | | | | | | | | | | 46.4 | 46.5 | | | | 42.6 | 42.7 | 42.9 | | 150 |
| 155 | | | | | | | | | | | | | 44.3 | 44.5 | | | | 40.8 | 40.7 | 41 | | 155 |
| 160 | | | | | | | | | | | | | | | | | | 39 | 38.8 | 39.1 | | 160 |
| 165 | | | | | | | | | | | | | | | | | | 37.2 | 37.2 | | | 165 |
| 170 | | | | | | | | | | | | | | | | | | 35.5 | 35.6 | | | 170 |
| 175 | | | | | | | | | | | | | | | | | | 34.2 | | | | 175 |
| 180 | | | | | | | | | | | | | | | | | | 32.9 | | | | 180 |

* adapter - pièce d'adaptateur

maxt_198_203_00001_00_000

Lifting capacities

Forces de levage

TNZF 31 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | | | |
|-----|---------------|-------|-------|-------|----------------|-------|-------|------|----------------|-------|-------|------|----------------|-------|-------|-------|----------------|-----|-------|-------|-------|------|-----|
| | TNZF 31 ft | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | | | |
| 11 | 260.9 | | | | | | | | | | | | | | | | | | | | 11 | | |
| 12 | 258.3 | | | | | | | | | | | | | | | | | | | | 12 | | |
| 13 | 255.8 | | | | | | | | | | | | | | | | | | | | 13 | | |
| 14 | 253.2 | | | | | | | | | | | | | | | | | | | | 14 | | |
| 15 | 250.7 | | | | | | | | | | | | | | | | | | | | 15 | | |
| 16 | 248.1 | | | | | | | | | | | | | | | | | | | | 16 | | |
| 17 | 245.4 | 207.8 | | | | | | | | | | | | | | | | | | | 17 | | |
| 18 | 242.5 | 204.6 | | | 240.9 | | | | | | | | | | | | | | | | 18 | | |
| 19 | 239.7 | 201.5 | | | 239.5 | | | | | | | | | | | | | | | | 19 | | |
| 20 | 236.8 | 198.3 | | | 238.1 | | | | | | | | | | | | | | | | 20 | | |
| 22 | 231.1 | 191.9 | 160.4 | | 235.2 | | | | 225.7 | | | | | | | | | | | | 22 | | |
| 24 | 222 | 185.5 | 154.1 | | 232.4 | 199 | | | 221.6 | | | | | | | | | | | | 24 | | |
| 26 | 212.6 | 179.2 | 147.7 | | 229.5 | 193 | | | 217.4 | | | | | 187 | | | | | | | 26 | | |
| 28 | 206 | 172.8 | 142.2 | | 225.6 | 187 | | | 213.2 | 180.4 | | | | 181.5 | | | | | 147.8 | | 28 | | |
| 30 | 199.3 | 166.4 | 137.2 | 102.7 | 221.5 | 181.1 | 144.3 | | 209.1 | 176 | | | | 175.9 | | | | | 144 | | 30 | | |
| 32 | 192.7 | 161.3 | 132.3 | 100.3 | 217.5 | 176.2 | 141 | | 203.4 | 171.5 | 138.4 | | | 170.4 | 161 | | | | 140.3 | | 32 | | |
| 34 | 186.1 | 155.2 | 127.4 | 97.8 | 213.5 | 171.4 | 137.9 | | 197.4 | 167.1 | 135.9 | | | 165.1 | 156.7 | | | | 136.6 | | 34 | | |
| 36 | 179.4 | 148.9 | 123.2 | 95.7 | 209.5 | 166.7 | 135.1 | 99.2 | 191.1 | 163.2 | 133.3 | | | 160.2 | 152.3 | 128.9 | | | 132.8 | 127.4 | 36 | | |
| 38 | 172.8 | 142.7 | 119.6 | 93.7 | 205.1 | 162 | 132.3 | 97.7 | 184.7 | 159.6 | 130.7 | | | 155.9 | 148 | 126.8 | | | 129.2 | 124.3 | 38 | | |
| 40 | 166.6 | 136.5 | 116 | 91.7 | 200.2 | 157.4 | 129.5 | 96.3 | 178.4 | 156.1 | 128.5 | | | 151.8 | 144.1 | 124.8 | | | 125.6 | 121.2 | 117.6 | 40 | |
| 45 | 152.3 | 125.4 | 107.1 | 87.4 | 186.8 | 148.5 | 123.1 | 93.2 | 163.5 | 147.3 | 122.9 | 93.6 | | 141.6 | 135.2 | 120 | 92.8 | | 118.5 | 113.8 | 110.9 | 45 | |
| 50 | 134.6 | 115.4 | 100.8 | 83.5 | 173.3 | 139.7 | 117.3 | 90.2 | 152.6 | 140 | 117.8 | 90.8 | | 131.7 | 126.5 | 115.6 | 90.4 | | 111.4 | 107.5 | 104.7 | 89.6 | 50 |
| 55 | 122.4 | 105.6 | 94.5 | 80.5 | 161.9 | 132 | 111.9 | 87.6 | 141.7 | 133.2 | 113.3 | 88.3 | | 123.6 | 119.1 | 111.2 | 88.1 | | 104.4 | 101.2 | 99.1 | 87.6 | 55 |
| 60 | 112 | 98.7 | 88.8 | 77.6 | 152.5 | 125.8 | 107.2 | 85.1 | 131.6 | 126.5 | 108.8 | 86.1 | | 115.9 | 112.6 | 106.9 | 86.1 | | 98.8 | 95.6 | 93.7 | 85.7 | 60 |
| 65 | 101.8 | 92.2 | 84.5 | 75.3 | 143.4 | 119.5 | 102.5 | 83 | 123.2 | 120 | 105 | 84.1 | | 108.2 | 106.3 | 102.5 | 84.2 | | 93.7 | 90.9 | 89.1 | 84 | 65 |
| 70 | 94.6 | 86.2 | 80.3 | 73.7 | 134.4 | 113.3 | 98.3 | 81 | 116.2 | 113.6 | 101.3 | 82.1 | | 101 | 100.2 | 98 | 82.4 | | 88.6 | 86.1 | 84.5 | 82.4 | 70 |
| 75 | 87.8 | 81.6 | 77.1 | 61.8 | 126 | 108.3 | 94.8 | 79.2 | 109.2 | 107.1 | 97.6 | 80.4 | | 95.9 | 95.2 | 93.5 | 80.7 | | 83.5 | 81.3 | 80.2 | 79 | 75 |
| 80 | 81.6 | 77.1 | 74.3 | 12.2 | 120 | 103.7 | 91.4 | 77.6 | 102.2 | 100.9 | 94.3 | 78.8 | | 90.8 | 90.1 | 89 | 79.3 | | 79.5 | 77.8 | 76.7 | 75.4 | 80 |
| 85 | 76.3 | 73.8 | 61.5 | 11 | 114.1 | 99 | 88.2 | 76.1 | 95.9 | 95.5 | 91.3 | 77.4 | | 85.7 | 85 | 84.5 | 78 | | 76 | 74.3 | 73.3 | 72 | 85 |
| 90 | | | | | 108.1 | 94.8 | 85.6 | 74.9 | 91.1 | 90.7 | 88.4 | 76.1 | | 80.5 | 80 | 80.3 | 76.7 | | 72.5 | 70.9 | 69.9 | 69.1 | 90 |
| 95 | | | | | 102.4 | 91.3 | 83 | 73.7 | 86.6 | 85.9 | 85.2 | 75 | | 75.9 | 76 | 76.3 | 74.2 | | 69 | 67.5 | 66.7 | 66.1 | 95 |
| 100 | | | | | 98.2 | 88 | 80.6 | 72.9 | 82 | 81.2 | 81.5 | 74 | | 72.1 | 72.4 | 72.4 | 71.7 | | 65.6 | 64.2 | 63.8 | 63.4 | 100 |
| 105 | | | | | 93.9 | 84.7 | 78.7 | | 77.4 | 77.3 | 77.5 | 73 | | 68.7 | 68.8 | 68.5 | 69 | | 62.3 | 61.5 | 61.2 | 60.9 | 105 |
| 110 | | | | | 89.7 | 82 | 76.8 | | 73.7 | 73.7 | 73.7 | 71.5 | | 65.3 | 65.2 | 65.4 | 66 | | 59.4 | 58.9 | 58.7 | 58.4 | 110 |
| 115 | | | | | 85.8 | 79.6 | 75.1 | | 70.3 | 70.1 | 70.1 | 69.7 | | 61.9 | 62 | 62.5 | 62.8 | | 56.8 | 56.3 | 56.1 | 56 | 115 |
| 120 | | | | | 82.7 | 77.2 | 73.9 | | 67 | 66.5 | 66.9 | | | 58.8 | 59.3 | 59.5 | 59.9 | | 54.2 | 53.8 | 53.8 | 54 | 120 |
| 125 | | | | | 79.6 | 75.1 | 72.6 | | 63.6 | 63.5 | 63.8 | | | 56.2 | 56.6 | 56.6 | 57.1 | | 51.6 | 51.3 | 51.7 | 52 | 125 |
| 130 | | | | | 76.6 | 73.5 | | | 60.4 | 60.7 | 60.8 | | | 53.7 | 53.9 | 54.1 | | | 49 | 49.1 | 49.5 | 50 | 130 |
| 135 | | | | | 74.2 | 72 | | | 57.6 | 57.9 | 58.2 | | | 51.2 | 51.2 | 51.6 | | | 46.7 | 47.1 | 47.3 | 47.9 | 135 |
| 140 | | | | | 72.1 | | | | 54.8 | 55.1 | 55.6 | | | 48.8 | 49.1 | 49.2 | | | 44.9 | 45 | 45.3 | | 140 |
| 145 | | | | | | | | | 52 | 52.5 | | | | 46.4 | 46.9 | 46.9 | | | 43 | 43 | 43.4 | | 145 |
| 150 | | | | | | | | | 49.6 | 49.9 | | | | 44.5 | 44.7 | 44.9 | | | 41.1 | 41 | 41.5 | | 150 |
| 155 | | | | | | | | | 47.2 | | | | | 42.6 | 42.7 | 42.9 | | | 39.3 | 39.3 | 39.6 | | 155 |
| 160 | | | | | | | | | | | | | | 40.7 | 40.9 | | | | 37.5 | 37.6 | 37.8 | | 160 |
| 165 | | | | | | | | | | | | | | 38.9 | 39.2 | | | | 35.9 | 35.9 | 36.2 | | 165 |
| 170 | | | | | | | | | | | | | | 37.4 | | | | | 34.4 | 34.3 | 34.6 | | 170 |
| 175 | | | | | | | | | | | | | | 35.8 | | | | | 32.9 | 32.8 | | | 175 |
| 180 | | | | | | | | | | | | | | | | | | | 31.4 | 31.5 | | | 180 |
| 185 | | | | | | | | | | | | | | | | | | | 30.2 | 30.1 | | | 185 |
| 190 | | | | | | | | | | | | | | | | | | | 29 | | | | 190 |

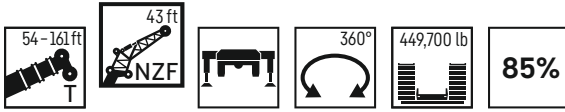
* adapter - pièce d'adaptateur

maxt_198_203_00101_00.000

Lifting capacities

Forces de levage

TNZF 43 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|-------|-------|------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|------|----------------|-------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 13 | 250.1 | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | 243.8 | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | 237.5 | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 231.3 | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | 225 | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 218.7 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 213.1 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 208.9 | 169 | | | 207.1 | | | | | | | | | | | | | | | | 20 |
| 22 | 200.4 | 163 | | | 201.2 | | | | | | | | | | | | | | | | 22 |
| 24 | 192 | 157 | | | 195.3 | | | 186 | | | | | | | | | | | | | 24 |
| 26 | 183.5 | 151 | | | 189.3 | | | 181.8 | | | | 149 | | | | | | | | | 26 |
| 28 | 175.3 | 146.5 | 125.3 | | 183.6 | 149.8 | | 177.5 | | | | 162.9 | | | | | | | | | 28 |
| 30 | 168.9 | 142 | 122.1 | | 179.2 | 146.6 | | 173.2 | | | | 158.5 | | | | | 129.5 | | | | 30 |
| 32 | 163.2 | 137.6 | 118.8 | | 174.9 | 143.5 | | 169 | 140.3 | | | 154 | | | | | 126.4 | | | | 32 |
| 34 | 157.5 | 133.1 | 116 | | 170.7 | 140.4 | 120.1 | 165.5 | 137.8 | | | 149.6 | | | | | 123.4 | | | | 34 |
| 36 | 151.8 | 129.1 | 113.3 | | 166.4 | 137.8 | 118 | 162.1 | 135.4 | | | 145.2 | 130.1 | | | | 120.3 | | | | 36 |
| 38 | 146.1 | 125.8 | 110.6 | 81.9 | 162.1 | 135.3 | 116 | 158.9 | 132.9 | 114.3 | | 141.1 | 128.2 | | | | 117.3 | | | | 38 |
| 40 | 140.4 | 122.6 | 107.9 | 80.4 | 157.9 | 132.7 | 114.1 | 155.6 | 130.7 | 112.7 | | 137.5 | 126.3 | | | | 114.3 | 109.6 | | | 40 |
| 45 | 130.7 | 114.6 | 101.9 | 77 | 149.7 | 126.6 | 109.5 | 78.9 | 147.5 | 125.7 | 108.7 | | 129.2 | 121.1 | 105.9 | | 107.7 | 103.5 | | | 45 |
| 50 | 121.7 | 107.9 | 96.5 | 74 | 142 | 121.5 | 105.2 | 76.7 | 139.4 | 120.7 | 105.1 | 76.6 | 120.9 | 114.6 | 102.7 | | 101.8 | 97.7 | 94.5 | | 50 |
| 55 | 112.9 | 102.4 | 91.6 | 71.4 | 134.4 | 116.6 | 101.3 | 74.8 | 131.3 | 116.5 | 101.6 | 74.8 | 113.2 | 108 | 99.9 | 74.2 | 96 | 92.7 | 89.7 | | 55 |
| 60 | 105.4 | 96.9 | 87.7 | 69 | 128.3 | 111.9 | 97.5 | 72.9 | 123.2 | 112.6 | 98.5 | 73.1 | 107.3 | 102.2 | 97 | 72.7 | 90.2 | 87.7 | 85.3 | 71.6 | 60 |
| 65 | 99.8 | 91.9 | 83.8 | 67.3 | 123 | 108 | 94.4 | 71.3 | 115.6 | 108.6 | 95.2 | 71.5 | 101.5 | 97.1 | 93.1 | 71.3 | 85.9 | 83.1 | 80.9 | 70.3 | 65 |
| 70 | 94.2 | 88.2 | 80.3 | 65.7 | 117.9 | 104 | 91.5 | 69.7 | 109.1 | 104.3 | 92.4 | 70.1 | 95.7 | 92 | 88.9 | 70 | 81.7 | 79.3 | 77.1 | 69.1 | 70 |
| 75 | 89.1 | 84.5 | 77.8 | 64.3 | 112.7 | 100.1 | 88.6 | 68.4 | 103.3 | 99.6 | 90 | 68.9 | 90.1 | 87 | 84.8 | 68.8 | 77.4 | 75.4 | 73.5 | 68.1 | 75 |
| 80 | 85.3 | 81.2 | 75.2 | 63.7 | 107.6 | 96.6 | 86 | 67.1 | 97.5 | 94.9 | 87.5 | 67.7 | 85.8 | 83.3 | 81.2 | 67.7 | 73.1 | 71.6 | 70 | 66.9 | 80 |
| 85 | 81.5 | 78.5 | 73.4 | 63.2 | 103.9 | 93.7 | 83.7 | 66 | 91.7 | 90.3 | 85 | 66.6 | 81.5 | 79.6 | 77.7 | 66.7 | 69.9 | 68.4 | 66.9 | 64.9 | 85 |
| 90 | 77.9 | 75.8 | 72.1 | 23.5 | 100.1 | 90.9 | 81.5 | 65 | 86.2 | 85.8 | 82.3 | 65.6 | 77.2 | 75.9 | 74.2 | 65.8 | 66.9 | 65.5 | 64.2 | 62.6 | 90 |
| 95 | 74.6 | 73 | 71.2 | 11 | 96.4 | 88.1 | 79.5 | 64.2 | 81.9 | 81.9 | 79.4 | 64.7 | 72.9 | 72.1 | 70.9 | 65 | 64 | 62.7 | 61.4 | 60.4 | 95 |
| 100 | 71 | 42.9 | | | 92.7 | 85.5 | 77.8 | 63.5 | 78.1 | 77.9 | 76.5 | 64 | 68.8 | 68.6 | 67.8 | 64.1 | 61.1 | 59.9 | 58.7 | 58.1 | 100 |
| 105 | | | | | 89.2 | 83.3 | 76.2 | 62.9 | 74.3 | 74 | 73.5 | 63.3 | 65.3 | 65.6 | 65.1 | 62.6 | 58.2 | 57.1 | 56.1 | 55.8 | 105 |
| 110 | | | | | 85.8 | 81 | 74.6 | 62.6 | 70.5 | 70.1 | 70.4 | 62.8 | 62.4 | 62.6 | 62.3 | 61 | 55.4 | 54.7 | 54 | 53.7 | 110 |
| 115 | | | | | 82.4 | 78.7 | 73.5 | 62.3 | 66.8 | 67.2 | 67.2 | 62.4 | 59.6 | 59.6 | 59.6 | 59.3 | 52.9 | 52.5 | 51.9 | 51.6 | 115 |
| 120 | | | | | 79 | 76.4 | 72.5 | | 63.9 | 64.2 | 64.1 | 61.7 | 56.7 | 56.5 | 57.1 | 57.1 | 50.8 | 50.5 | 49.8 | 49.7 | 120 |
| 125 | | | | | 76 | 74 | 71.4 | | 61.1 | 61.2 | 61.1 | 60.4 | 53.8 | 54 | 54.6 | 54.9 | 48.7 | 48.5 | 47.8 | 47.8 | 125 |
| 130 | | | | | 73.5 | 71.7 | 70 | | 58.3 | 58.3 | 58.5 | | 51.3 | 51.7 | 52.1 | 52.7 | 46.6 | 46.5 | 46 | 46.1 | 130 |
| 135 | | | | | 71.1 | 69.5 | 68.5 | | 55.5 | 55.8 | 55.9 | | 49.2 | 49.5 | 49.7 | 50.4 | 44.6 | 44.6 | 44.4 | 44.4 | 135 |
| 140 | | | | | 68.8 | 67.8 | | | 53 | 53.4 | 53.4 | | 47.1 | 47.3 | 47.5 | | 42.6 | 42.9 | 42.7 | 42.7 | 140 |
| 145 | | | | | 67 | 66.1 | | | 50.7 | 51.1 | 51.2 | | 45 | 45.1 | 45.5 | | 40.8 | 41.2 | 41.1 | 41.1 | 145 |
| 150 | | | | | 65.3 | | | | 48.5 | 48.8 | 49.1 | | 42.9 | 43.2 | 43.5 | | 39.2 | 39.5 | 39.5 | 39.6 | 150 |
| 155 | | | | | | | | | 46.3 | 46.7 | | | 40.9 | 41.3 | 41.5 | | 37.5 | 37.8 | 38 | | 155 |
| 160 | | | | | | | | | 44.2 | 44.7 | | | 39.2 | 39.5 | 39.7 | | 35.9 | 36.2 | 36.4 | | 160 |
| 165 | | | | | | | | | 42.2 | | | | 37.6 | 37.7 | 38 | | 34.3 | 34.7 | 34.8 | | 165 |
| 170 | | | | | | | | | | | | | 35.9 | 36.1 | | | 32.8 | 33.2 | 33.3 | | 170 |
| 175 | | | | | | | | | | | | | 34.4 | 34.7 | | | 31.4 | 31.7 | 31.9 | | 175 |
| 180 | | | | | | | | | | | | | 33.1 | 33.3 | | | 30.1 | 30.3 | 30.5 | | 180 |
| 185 | | | | | | | | | | | | | 31.9 | | | | 28.8 | 29 | | | 185 |
| 190 | | | | | | | | | | | | | | | | | 27.5 | 27.8 | | | 190 |
| 195 | | | | | | | | | | | | | | | | | 26.4 | 26.6 | | | 195 |
| 200 | | | | | | | | | | | | | | | | | 25.5 | | | | 200 |

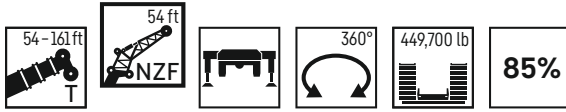
* adapter - pièce d'adaptateur

max1_198_203_00201_00_000

Lifting capacities

Forces de levage

TNZF 54 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|-------|------|------|----------------|-------|------|------|----------------|-------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 14 | 208.8 | | | | | | | | | | | | | | | | | | | | 14 |
| 15 | 203.6 | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 198.5 | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | 193.4 | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 188.3 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 183.2 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 178.1 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 169.5 | | | | 168.2 | | | | | | | | | | | | | | | | 22 |
| 24 | 162.1 | 127.1 | | | 163.2 | | | | 154.6 | | | | | | | | | | | | 24 |
| 26 | 154.6 | 121.5 | | | 158.3 | | | | 150.4 | | | | | | | | | | | | 26 |
| 28 | 147.2 | 115.9 | | | 153.4 | | | | 146.2 | | | | 135.2 | | | | | | | | 28 |
| 30 | 139.7 | 110.4 | | | 148.5 | 111.6 | | | 142.1 | | | | 132 | | | | | | | | 30 |
| 32 | 132.8 | 106.4 | 87.7 | | 143.9 | 108.6 | | | 138 | | | | 128.8 | | | | 114.9 | | | | 32 |
| 34 | 127.4 | 102.4 | 84.8 | | 139.4 | 105.6 | | | 133.8 | 102.8 | | | 125.6 | | | | 112.4 | | | | 34 |
| 36 | 122.1 | 98.5 | 81.9 | | 134.9 | 102.6 | | | 130.3 | 100.4 | | | 122.3 | | | | 109.9 | | | | 36 |
| 38 | 116.8 | 94.5 | 79 | | 130.4 | 99.8 | | | 126.9 | 98.1 | | | 119.2 | 93.9 | | | 107.4 | | | | 38 |
| 40 | 111.4 | 90.6 | 76.6 | | 125.9 | 97.4 | 79 | | 123.5 | 95.7 | | | 116.3 | 92 | | | 104.8 | | | | 40 |
| 45 | 98.3 | 83.3 | 71 | | 115.9 | 91.5 | 75.1 | | 115 | 90.6 | 74.3 | | 110.1 | 87.5 | | | 98.7 | 83.6 | | | 45 |
| 50 | 90.3 | 76.2 | 65.8 | 52.4 | 108.3 | 85.9 | 71.6 | | 106.7 | 85.9 | 71.1 | | 104.1 | 83.5 | 69.7 | | 93.8 | 80.2 | 67.2 | | 50 |
| 55 | 82.7 | 70 | 61.6 | 49.9 | 100.8 | 81.5 | 68.3 | 51.9 | 101 | 81.3 | 68.3 | 51.9 | 98.1 | 79.9 | 67.1 | | 88.8 | 77.1 | 65 | | 55 |
| 60 | 75 | 65.5 | 57.5 | 47.5 | 93.5 | 77.2 | 65.3 | 50.2 | 95.3 | 77.7 | 65.5 | 50.4 | 93.3 | 76.2 | 64.8 | 50.2 | 83.9 | 74.3 | 63 | | 60 |
| 65 | 68.2 | 60.9 | 54.4 | 45.6 | 88.3 | 73.1 | 62.4 | 48.6 | 89.6 | 74.2 | 63.1 | 49 | 89 | 73.3 | 62.5 | 48.9 | 79.5 | 71.5 | 61.1 | 48.4 | 65 |
| 70 | 63.5 | 56.4 | 51.5 | 43.7 | 83.7 | 70 | 59.9 | 47.2 | 84.8 | 70.6 | 60.8 | 47.6 | 84.8 | 70.5 | 60.6 | 47.6 | 75.9 | 68.9 | 59.2 | 47.2 | 70 |
| 75 | 58.9 | 53 | 48.6 | 42.2 | 79.1 | 66.8 | 57.5 | 45.9 | 80.8 | 67.9 | 58.6 | 46.4 | 80.6 | 67.8 | 58.7 | 46.5 | 72.3 | 66.8 | 57.5 | 46.2 | 75 |
| 80 | 54.4 | 50.1 | 46.2 | 40.8 | 74.4 | 63.6 | 55.1 | 44.6 | 77.1 | 65.4 | 56.7 | 45.3 | 76.8 | 65.1 | 56.8 | 45.4 | 68.7 | 64.6 | 56 | 45.2 | 80 |
| 85 | 50.8 | 47.1 | 44.2 | 39.5 | 70.1 | 60.6 | 53 | 43.6 | 73.5 | 62.9 | 54.7 | 44.1 | 73.9 | 63.1 | 55.2 | 44.5 | 65.2 | 62.5 | 54.5 | 44.3 | 85 |
| 90 | 47.8 | 44.6 | 42.2 | 38.7 | 66.8 | 58.2 | 51.1 | 42.5 | 69.9 | 60.3 | 52.7 | 43.2 | 71 | 61 | 53.5 | 43.5 | 62.4 | 60.3 | 53.1 | 43.5 | 90 |
| 95 | 44.8 | 42.6 | 40.5 | 37.9 | 63.8 | 55.8 | 49.3 | 41.6 | 66.3 | 58 | 50.9 | 42.3 | 68.2 | 59 | 51.9 | 42.7 | 59.8 | 58.1 | 51.7 | 42.7 | 95 |
| 100 | 42.2 | 40.5 | 39.2 | 34.7 | 60.8 | 53.4 | 47.6 | 40.8 | 63.7 | 55.9 | 49.5 | 41.5 | 65.3 | 57 | 50.3 | 41.9 | 57.4 | 55.8 | 50.5 | 41.9 | 100 |
| 105 | 40 | 38.9 | 38 | 11 | 57.8 | 51.2 | 46.1 | 39.9 | 61.3 | 54 | 48 | 40.7 | 62.4 | 55 | 48.9 | 41.1 | 54.9 | 53.6 | 49.2 | 41.2 | 105 |
| 110 | 37.9 | 37.4 | 27.2 | | 55 | 49.4 | 44.8 | 39.3 | 58.9 | 52 | 46.5 | 40 | 59.7 | 53.4 | 47.7 | 40.4 | 52.5 | 51.4 | 47.9 | 40.7 | 110 |
| 115 | | | | | 52.9 | 47.7 | 43.5 | 38.6 | 56.4 | 50.1 | 45.2 | 39.4 | 57.2 | 51.8 | 46.4 | 39.9 | 50 | 49.3 | 46.6 | 40.1 | 115 |
| 120 | | | | | 50.7 | 46 | 42.3 | 38.1 | 54 | 48.4 | 44.1 | 38.8 | 54.7 | 50.3 | 45.2 | 39.3 | 47.7 | 47.4 | 45.3 | 39.5 | 120 |
| 125 | | | | | 48.5 | 44.3 | 41.3 | 37.7 | 52 | 47 | 43 | 38.3 | 52.2 | 48.7 | 44.1 | 38.8 | 46 | 45.6 | 44.1 | 39 | 125 |
| 130 | | | | | 46.4 | 43 | 40.3 | | 50.3 | 45.6 | 41.9 | 37.9 | 49.8 | 47.2 | 43.2 | 38.4 | 44.3 | 43.9 | 42.8 | 38.6 | 130 |
| 135 | | | | | 44.7 | 41.7 | 39.4 | | 48.5 | 44.2 | 40.9 | 37.6 | 47.4 | 45.7 | 42.3 | 38 | 42.6 | 42.3 | 41.5 | 38.2 | 135 |
| 140 | | | | | 43.1 | 40.5 | 38.6 | | 46.7 | 42.8 | 40.2 | | 45.4 | 44.3 | 41.4 | 37.6 | 41 | 40.6 | 40.2 | 37.7 | 140 |
| 145 | | | | | 41.6 | 39.4 | 37.9 | | 45 | 41.8 | 39.4 | | 43.6 | 43 | 40.5 | 37.3 | 39.3 | 39 | 38.8 | 37.3 | 145 |
| 150 | | | | | 40.1 | 38.6 | 37.4 | | 43.5 | 40.8 | 38.6 | | 41.8 | 41.6 | 39.6 | 37.1 | 37.6 | 37.7 | 37.4 | 36.9 | 150 |
| 155 | | | | | 38.9 | 37.7 | | | 42.2 | 39.9 | 38.1 | | 40 | 40.1 | 38.8 | | 36.2 | 36.3 | 36 | 36 | 155 |
| 160 | | | | | 37.8 | | | | 41 | 38.9 | 37.6 | | 38.2 | 38.6 | 38 | | 34.8 | 35 | 34.7 | 34.8 | 160 |
| 165 | | | | | | | | | 39.7 | 38.2 | 37.2 | | 36.6 | 37 | 37 | | 33.5 | 33.7 | 33.5 | | 165 |
| 170 | | | | | | | | | 38.6 | 37.6 | | | 35.1 | 35.4 | 35.7 | | 32.1 | 32.4 | 32.2 | | 170 |
| 175 | | | | | | | | | 37.7 | 37 | | | 33.7 | 33.8 | 34.2 | | 30.7 | 31.1 | 31.1 | | 175 |
| 180 | | | | | | | | | 36.5 | | | | 32.2 | 32.4 | 32.7 | | 29.4 | 29.8 | 29.9 | | 180 |
| 185 | | | | | | | | | | | | | 30.8 | 31.1 | | | 28.2 | 28.5 | 28.6 | | 185 |
| 190 | | | | | | | | | | | | | 29.7 | 29.8 | | | 27 | 27.3 | 27.4 | | 190 |
| 195 | | | | | | | | | | | | | 28.6 | | | | 25.8 | 26.1 | 26.2 | | 195 |
| 200 | | | | | | | | | | | | | | | | | 24.7 | 25.1 | | | 200 |
| 205 | | | | | | | | | | | | | | | | | 23.7 | 24 | | | 205 |
| 210 | | | | | | | | | | | | | | | | | 22.8 | | | | 210 |
| 215 | | | | | | | | | | | | | | | | | 21.9 | | | | 215 |

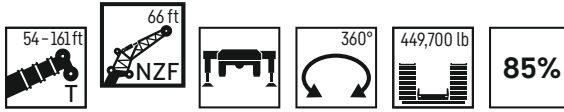
* adapter - pièce d'adaptateur

maxt_198_203_00301_00_000

Lifting capacities

Forces de levage

TNZF 66 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|-------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 15 | 178 | | | | | | | | | | | | | | | | | | | | 15 |
| 16 | 173.8 | | | | | | | | | | | | | | | | | | | | 16 |
| 17 | 169.6 | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 165.4 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 161.3 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 157.1 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 148.7 | | | | 143.6 | | | | | | | | | | | | | | | | 22 |
| 24 | 142.1 | | | | 139.7 | | | | | | | | | | | | | | | | 24 |
| 26 | 136.7 | | | | 135.7 | | | | 128.8 | | | | | | | | | | | | 26 |
| 28 | 131.4 | 108.2 | | | 131.6 | | | | 125.7 | | | | | | | | | | | | 28 |
| 30 | 126 | 104.7 | | | 127.6 | | | | 122.7 | | | | 114.5 | | | | | | | | 30 |
| 32 | 120.7 | 101.2 | | | 123.7 | | | | 119.6 | | | | 112.3 | | | | | | | | 32 |
| 34 | 115.4 | 97.8 | | | 120.7 | 97 | | | 116.6 | | | | 110.1 | | | | 99.8 | | | | 34 |
| 36 | 111.3 | 95 | | | 117.7 | 95 | | | 113.5 | | | | 107.9 | | | | 98 | | | | 36 |
| 38 | 107.9 | 92.3 | 79.7 | | 114.8 | 93 | | | 111.1 | 91.8 | | | 105.8 | | | | 96.2 | | | | 38 |
| 40 | 104.6 | 89.7 | 77.7 | | 111.8 | 91 | | | 108.8 | 90.1 | | | 103.6 | | | | 94.4 | | | | 40 |
| 45 | 96.3 | 83 | 72.8 | | 104.5 | 86.6 | 74.2 | | 103.2 | 86 | | | 99 | 83 | | | 90 | | | | 45 |
| 50 | 88.5 | 77.8 | 68.8 | | 98.8 | 82.6 | 71.2 | | 97.6 | 82.5 | 70.4 | | 94.8 | 79.9 | | | 85.7 | 75.9 | | | 50 |
| 55 | 82.7 | 72.9 | 64.7 | 51.1 | 93.8 | 78.8 | 68.6 | | 92.7 | 79.2 | 68 | | 90.6 | 77 | 66.5 | | 81.6 | 73.5 | | | 55 |
| 60 | 77.3 | 68.2 | 61.4 | 48.9 | 88.8 | 75.6 | 66 | | 88.8 | 75.9 | 65.8 | | 86.6 | 74.4 | 64.5 | | 77.4 | 71.1 | 62.4 | | 60 |
| 65 | 72 | 64.5 | 58.1 | 47 | 84.2 | 72.5 | 63.6 | 48.3 | 84.8 | 73.2 | 63.7 | 48.2 | 83.2 | 71.7 | 62.6 | | 73.3 | 68.9 | 60.7 | | 65 |
| 70 | 66.8 | 60.9 | 55 | 45.1 | 80.4 | 69.5 | 61.3 | 47 | 81 | 70.6 | 61.7 | 47 | 80 | 69.4 | 60.8 | 46.7 | 69.8 | 66.7 | 59 | | 70 |
| 75 | 62.8 | 57.4 | 52.4 | 43.6 | 77.2 | 67 | 59 | 45.7 | 77.5 | 68 | 59.7 | 45.9 | 76.8 | 67.4 | 59 | 45.6 | 66.7 | 64.4 | 57.5 | 45 | 75 |
| 80 | 59.2 | 54 | 49.9 | 42.1 | 73.9 | 64.5 | 56.9 | 44.5 | 74.7 | 65.7 | 57.7 | 44.8 | 73.6 | 65.4 | 57.3 | 44.6 | 63.7 | 61.8 | 55.9 | 44.1 | 80 |
| 85 | 55.7 | 51.4 | 47.3 | 40.9 | 70.6 | 62.1 | 54.9 | 43.5 | 72.1 | 63.7 | 55.9 | 43.8 | 70.6 | 63.4 | 55.7 | 43.7 | 60.7 | 59.2 | 54.6 | 43.3 | 85 |
| 90 | 52.3 | 48.8 | 45.3 | 39.9 | 67.3 | 59.7 | 52.8 | 42.6 | 69.5 | 61.6 | 54.1 | 42.9 | 67.8 | 61.5 | 54.1 | 42.8 | 57.7 | 56.6 | 53.3 | 42.5 | 90 |
| 95 | 49.5 | 46.2 | 43.5 | 38.9 | 64.7 | 57.5 | 50.9 | 41.7 | 66.9 | 59.6 | 52.4 | 42 | 65 | 59.8 | 52.7 | 42 | 55.3 | 54.1 | 52 | 41.7 | 95 |
| 100 | 46.9 | 44.1 | 41.7 | 38.2 | 62.3 | 55.4 | 49.4 | 40.8 | 64.3 | 57.6 | 50.6 | 41.2 | 62.2 | 58.1 | 51.3 | 41.3 | 53.1 | 51.9 | 50.5 | 41.1 | 100 |
| 105 | 44.2 | 42.3 | 40.2 | 37.7 | 59.9 | 53.4 | 47.8 | 40.1 | 62 | 55.7 | 49.2 | 40.5 | 59.5 | 56.3 | 49.9 | 40.6 | 50.9 | 49.9 | 48.7 | 40.5 | 105 |
| 110 | 41.9 | 40.4 | 39 | 37.4 | 57.5 | 51.3 | 46.3 | 39.4 | 59.9 | 54 | 47.8 | 39.9 | 56.7 | 54.6 | 48.5 | 40 | 48.8 | 48 | 46.9 | 39.9 | 110 |
| 115 | 40 | 38.9 | 37.9 | 11 | 55.1 | 49.4 | 45 | 38.8 | 58 | 52.3 | 46.5 | 39.3 | 54.1 | 52.8 | 47.3 | 39.5 | 46.7 | 46 | 45.1 | 39.3 | 115 |
| 120 | 38.2 | 37.7 | 37.6 | | 53 | 47.9 | 43.9 | 38.3 | 56 | 50.6 | 45.2 | 38.7 | 51.9 | 51 | 46.2 | 38.9 | 44.6 | 44.1 | 43.3 | 38.9 | 120 |
| 125 | | | | | 51.1 | 46.4 | 42.7 | 37.8 | 54 | 48.8 | 44.1 | 38.3 | 49.8 | 49.2 | 45.1 | 38.5 | 42.5 | 42.3 | 41.7 | 38.4 | 125 |
| 130 | | | | | 49.2 | 44.8 | 41.6 | 37.5 | 52.1 | 47.4 | 43.1 | 37.8 | 47.7 | 47.4 | 44.1 | 38.1 | 41 | 40.7 | 40.2 | 37.9 | 130 |
| 135 | | | | | 47.3 | 43.4 | 40.7 | 37.2 | 50.2 | 46.2 | 42.2 | 37.5 | 45.6 | 45.6 | 43 | 37.7 | 39.5 | 39.2 | 38.8 | 37.3 | 135 |
| 140 | | | | | 45.4 | 42.2 | 39.8 | | 48.5 | 44.9 | 41.2 | 37.2 | 43.5 | 43.8 | 41.9 | 37.3 | 38 | 37.8 | 37.3 | 36.6 | 140 |
| 145 | | | | | 43.9 | 41.1 | 38.9 | | 46.8 | 43.6 | 40.4 | 37 | 41.6 | 42.1 | 40.8 | 37.1 | 36.6 | 36.3 | 35.9 | 35.8 | 145 |
| 150 | | | | | 42.6 | 40 | 38.3 | | 45 | 42.4 | 39.7 | 36.8 | 40 | 40.5 | 39.6 | 36.8 | 35.2 | 34.9 | 34.6 | 34.8 | 150 |
| 155 | | | | | 41.2 | 39 | 37.7 | | 43.3 | 41.4 | 39 | | 38.4 | 38.9 | 38.5 | 36.6 | 33.7 | 33.6 | 33.4 | 33.7 | 155 |
| 160 | | | | | 39.9 | 38.3 | 37.2 | | 41.6 | 40.5 | 38.3 | | 36.9 | 37.3 | 37.2 | 36.4 | 32.4 | 32.5 | 32.3 | 32.4 | 160 |
| 165 | | | | | 38.8 | 37.5 | | | 40.1 | 39.5 | 37.8 | | 35.3 | 35.7 | 35.7 | | 31.3 | 31.3 | 31.1 | 31.2 | 165 |
| 170 | | | | | 37.8 | | | | 38.5 | 38.6 | 37.3 | | 33.8 | 34.2 | 34.3 | | 30.1 | 30.2 | 29.9 | 30.2 | 170 |
| 175 | | | | | | | | | 36.9 | 37.3 | 36.8 | | 32.4 | 32.8 | 32.9 | | 29 | 29 | 28.9 | | 175 |
| 180 | | | | | | | | | 35.4 | 35.9 | | | 31.1 | 31.4 | 31.5 | | 27.8 | 27.9 | 27.8 | | 180 |
| 185 | | | | | | | | | 34.1 | 34.5 | | | 29.8 | 30 | 30.2 | | 26.7 | 26.9 | 26.8 | | 185 |
| 190 | | | | | | | | | 32.8 | | | | 28.5 | 28.8 | 28.9 | | 25.6 | 25.9 | 25.8 | | 190 |
| 195 | | | | | | | | | | | | | 27.3 | 27.6 | | | 24.6 | 24.9 | 24.9 | | 195 |
| 200 | | | | | | | | | | | | | 26.2 | 26.4 | | | 23.6 | 23.9 | 24 | | 200 |
| 205 | | | | | | | | | | | | | 25.2 | | | | 22.6 | 22.9 | 23.1 | | 205 |
| 210 | | | | | | | | | | | | | | | | | 21.5 | 21.9 | | | 210 |
| 215 | | | | | | | | | | | | | | | | | 20.6 | 21 | | | 215 |
| 220 | | | | | | | | | | | | | | | | | 19.8 | | | | 220 |
| 225 | | | | | | | | | | | | | | | | | 19 | | | | 225 |

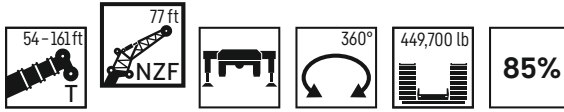
* adapter - pièce d'adaptateur

maxt_198_203_00401_00_000

Lifting capacities

Forces de levage

TNZF 77 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|-----|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 17 | 149.3 | | | | | | | | | | | | | | | | | | | | 17 |
| 18 | 146 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 142.7 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 139.3 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 132.7 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 126.1 | | | | 121.2 | | | | | | | | | | | | | | | | 24 |
| 26 | 120.5 | | | | 117.9 | | | | | | | | | | | | | | | | 26 |
| 28 | 116.2 | | | | 114.6 | | | | 109.1 | | | | | | | | | | | | 28 |
| 30 | 112 | 92.4 | | | 111.3 | | | | 106.6 | | | | | 98.7 | | | | | | | 30 |
| 32 | 107.7 | 89.9 | | | 108 | | | | 104 | | | | | 96.8 | | | | | | | 32 |
| 34 | 103.5 | 87.3 | | | 104.9 | | | | 101.5 | | | | | 94.9 | | | | | 86.7 | | 34 |
| 36 | 99.2 | 84.6 | | | 102.4 | | | | 98.9 | | | | | 93 | | | | | 85.4 | | 36 |
| 38 | 95.3 | 82 | | | 100 | 81 | | | 96.4 | | | | | 91.2 | | | | | 84 | | 38 |
| 40 | 92.3 | 79.7 | | | 97.6 | 79.4 | | | 94.4 | | | | | 89.3 | | | | | 82.8 | | 40 |
| 45 | 85.7 | 74.6 | 64.6 | | 91.6 | 75.4 | | | 89.7 | 74 | | | | 85 | 71.1 | | | | 79.5 | | 45 |
| 50 | 79.2 | 69.4 | 60.6 | | 86 | 71.9 | 61.9 | | 85 | 70.7 | | | | 81.5 | 68.4 | | | | 76.3 | 64.8 | 50 |
| 55 | 73.1 | 65.2 | 57.3 | | 81.6 | 68.6 | 59.7 | | 80.4 | 67.9 | 58.9 | | | 78 | 65.8 | | | | 73.5 | 62.7 | 55 |
| 60 | 68.6 | 61.2 | 54.1 | | 77.5 | 65.5 | 57.4 | | 76.8 | 65.2 | 56.8 | | | 74.5 | 63.6 | 55.6 | | | 70.7 | 60.7 | 60 |
| 65 | 64.4 | 57.2 | 51.3 | 41.3 | 73.4 | 62.9 | 55.3 | | 73.6 | 62.5 | 55 | | | 71.4 | 61.4 | 54 | | | 67.9 | 58.9 | 65 |
| 70 | 60.2 | 54.1 | 48.8 | 39.6 | 69.8 | 60.4 | 53.3 | 40.4 | 70.3 | 60.4 | 53.3 | | | 68.9 | 59.3 | 52.5 | | | 65.1 | 57.2 | 70 |
| 75 | 56 | 51.5 | 46.4 | 38.1 | 66.8 | 57.9 | 51.4 | 39.2 | 67.2 | 58.3 | 51.7 | 39.2 | | 66.4 | 57.4 | 51.1 | | | 62.4 | 55.5 | 75 |
| 80 | 52.6 | 48.8 | 44.4 | 36.6 | 64.1 | 55.8 | 49.5 | 38.1 | 64.3 | 56.2 | 50.1 | 38.2 | | 63.8 | 55.7 | 49.7 | 37.9 | | 59.8 | 53.9 | 80 |
| 85 | 50 | 46.2 | 42.7 | 35.4 | 61.4 | 53.8 | 47.9 | 37.1 | 62.1 | 54.3 | 48.5 | 37.3 | | 61.4 | 54 | 48.3 | 37.1 | | 57.2 | 52.4 | 85 |
| 90 | 47.4 | 44 | 41 | 34.2 | 58.7 | 51.9 | 46.4 | 36.2 | 59.9 | 52.6 | 47 | 36.4 | | 59.2 | 52.3 | 47.1 | 36.3 | | 54.6 | 51 | 90 |
| 95 | 44.8 | 42.2 | 39.3 | 33.2 | 56.1 | 49.9 | 44.9 | 35.3 | 57.8 | 51 | 45.7 | 35.6 | | 57.4 | 50.8 | 45.8 | 35.5 | | 52.1 | 49.6 | 95 |
| 100 | 42.4 | 40.4 | 37.9 | 32.4 | 53.8 | 48.1 | 43.5 | 34.5 | 55.6 | 49.4 | 44.5 | 34.9 | | 55.6 | 49.5 | 44.6 | 34.8 | | 50 | 48.1 | 100 |
| 105 | 40.6 | 38.7 | 36.7 | 31.5 | 51.9 | 46.5 | 42.2 | 33.8 | 53.5 | 47.8 | 43.2 | 34.1 | | 53.9 | 48.2 | 43.6 | 34.2 | | 48.1 | 46.6 | 105 |
| 110 | 38.9 | 37.3 | 35.6 | 31 | 50 | 45 | 41.1 | 33.2 | 51.6 | 46.3 | 42 | 33.5 | | 52.1 | 46.9 | 42.5 | 33.6 | | 46.2 | 44.9 | 110 |
| 115 | 37.2 | 36 | 34.5 | 30.6 | 48.2 | 43.6 | 40 | 32.6 | 49.9 | 45 | 41 | 32.9 | | 50.3 | 45.6 | 41.5 | 33 | | 44.4 | 43.2 | 115 |
| 120 | 35.6 | 34.8 | 33.8 | 30.3 | 46.3 | 42.1 | 39 | 32 | 48.4 | 43.8 | 40.1 | 32.3 | | 48.6 | 44.3 | 40.5 | 32.5 | | 42.6 | 41.6 | 120 |
| 125 | 34.4 | 33.8 | 33.2 | 17 | 44.5 | 40.8 | 38.1 | 31.4 | 46.9 | 42.5 | 39.1 | 31.8 | | 46.9 | 43.2 | 39.6 | 32 | | 40.8 | 39.9 | 125 |
| 130 | 33.2 | 33.2 | 32.9 | | 43.1 | 39.8 | 37.2 | 31 | 45.3 | 41.3 | 38.2 | 31.4 | | 45.2 | 42.2 | 38.8 | 31.5 | | 39 | 38.3 | 130 |
| 135 | 32.7 | | | | 41.8 | 38.7 | 36.4 | 30.6 | 43.8 | 40.1 | 37.4 | 31 | | 43.5 | 41.1 | 38.1 | 31.1 | | 37.5 | 36.8 | 135 |
| 140 | | | | | 40.4 | 37.6 | 35.6 | 30.3 | 42.5 | 39.2 | 36.7 | 30.6 | | 41.8 | 40.1 | 37.3 | 30.8 | | 36.2 | 35.5 | 140 |
| 145 | | | | | 39.1 | 36.6 | 35 | 30 | 41.3 | 38.3 | 36 | 30.3 | | 40.2 | 39.1 | 36.6 | 30.4 | | 34.9 | 34.3 | 145 |
| 150 | | | | | 37.8 | 35.8 | 34.4 | | 40.2 | 37.4 | 35.3 | 30 | | 38.5 | 38 | 35.9 | 30.1 | | 33.6 | 33.1 | 150 |
| 155 | | | | | 36.8 | 35.1 | 33.8 | | 39.1 | 36.5 | 34.7 | 29.8 | | 37 | 36.8 | 35.3 | 29.9 | | 32.3 | 31.8 | 155 |
| 160 | | | | | 35.9 | 34.3 | 33.4 | | 38 | 35.6 | 34.3 | 29.7 | | 35.6 | 35.6 | 34.7 | 29.7 | | 31.1 | 30.6 | 160 |
| 165 | | | | | 34.9 | 33.6 | 33 | | 36.8 | 35 | 33.8 | | | 34.2 | 34.4 | 34 | 29.5 | | 29.8 | 29.6 | 165 |
| 170 | | | | | 34 | 33.2 | 32.7 | | 35.9 | 34.4 | 33.3 | | | 32.9 | 33.1 | 33.1 | 29.5 | | 28.8 | 28.6 | 170 |
| 175 | | | | | 33.4 | 32.8 | | | 34.9 | 33.8 | 33 | | | 31.5 | 31.9 | 32 | | | 27.8 | 27.6 | 175 |
| 180 | | | | | 32.8 | 32.4 | | | 34 | 33.2 | 32.8 | | | 30.1 | 30.7 | 30.9 | | | 26.8 | 26.6 | 180 |
| 185 | | | | | 32.3 | | | | 33.1 | 32.6 | 32.6 | | | 28.9 | 29.4 | 29.8 | | | 25.8 | 25.6 | 185 |
| 190 | | | | | | | | | 32.1 | 31.8 | | | | 27.8 | 28.2 | 28.6 | | | 24.9 | 24.6 | 190 |
| 195 | | | | | | | | | 31 | 31.1 | | | | 26.7 | 26.9 | 27.4 | | | 23.9 | 23.7 | 195 |
| 200 | | | | | | | | | 29.9 | | | | | 25.6 | 25.8 | 26.2 | | | 22.9 | 22.9 | 200 |
| 205 | | | | | | | | | | | | | | 24.5 | 24.8 | | | | 22 | 22.1 | 205 |
| 210 | | | | | | | | | | | | | | 23.6 | 23.8 | | | | 21.1 | 21.3 | 210 |
| 215 | | | | | | | | | | | | | | 22.7 | | | | | 20.3 | 20.4 | 215 |
| 220 | | | | | | | | | | | | | | 21.9 | | | | | 19.4 | 19.6 | 220 |
| 225 | | | | | | | | | | | | | | | | | | | 18.6 | 18.8 | 225 |
| 230 | | | | | | | | | | | | | | | | | | | 17.8 | 18 | 230 |
| 235 | | | | | | | | | | | | | | | | | | | 17.1 | | 235 |

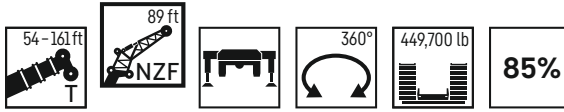
* adapter - pièce d'adaptateur

maxt_198_203_00501_00_000

Lifting capacities

Forces de levage

TNZF 89 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 18 | 129.3 | | | | | | | | | | | | | | | | | | | | 18 |
| 19 | 126.6 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 123.9 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 118.5 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 113.2 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 107.8 | | | | 103.4 | | | | | | | | | | | | | | | | 26 |
| 28 | 103.1 | | | | 100.6 | | | | 95.3 | | | | | | | | | | | | 28 |
| 30 | 99.7 | | | | 97.8 | | | | 93 | | | | | | | | | | | | 30 |
| 32 | 96.3 | | | | 95 | | | | 90.9 | | | | 85.1 | | | | | | | | 32 |
| 34 | 92.9 | 78.1 | | | 92.3 | | | | 88.8 | | | | 83.5 | | | | | | | | 34 |
| 36 | 89.4 | 75.9 | | | 89.6 | | | | 86.7 | | | | 81.9 | | | | 74.4 | | | | 36 |
| 38 | 86 | 73.7 | | | 87.5 | | | | 84.5 | | | | 80.3 | | | | 73.3 | | | | 38 |
| 40 | 82.6 | 71.4 | | | 85.5 | | | | 82.4 | | | | 78.7 | | | | 72.1 | | | | 40 |
| 45 | 76.4 | 66.5 | | | 80.6 | 66.1 | | | 78.4 | 64.5 | | | 74.9 | | | | 69.3 | | | | 45 |
| 50 | 71.1 | 62.4 | 55.2 | | 75.6 | 62.8 | | | 74.5 | 61.7 | | | 71.7 | 60.3 | | | 66.4 | | | | 50 |
| 55 | 65.9 | 58.3 | 51.8 | | 71.4 | 60 | | | 70.6 | 59 | | | 68.7 | 58 | | | 64.1 | 55 | | | 55 |
| 60 | 61.2 | 54.9 | 48.9 | | 68 | 57.3 | 49.9 | | 66.9 | 56.7 | 49.2 | | 65.7 | 55.9 | | | 61.8 | 53.3 | | | 60 |
| 65 | 57.5 | 51.6 | 46.3 | | 64.6 | 54.8 | 48.1 | | 64.2 | 54.5 | 47.6 | | 62.8 | 54 | 46.5 | | 59.7 | 51.5 | | | 65 |
| 70 | 54.1 | 48.4 | 43.8 | | 61.1 | 52.6 | 46.4 | | 61.5 | 52.2 | 46 | | 60.4 | 52.1 | 45.1 | | 57.4 | 50 | 43.7 | | 70 |
| 75 | 50.8 | 45.7 | 41.8 | 33.7 | 58.3 | 50.5 | 44.7 | | 58.8 | 50.5 | 44.6 | | 58.2 | 50.3 | 43.8 | | 55.3 | 48.6 | 42.5 | | 75 |
| 80 | 47.4 | 43.5 | 39.8 | 32.3 | 55.8 | 48.5 | 43.1 | 33 | 56.2 | 48.7 | 43.2 | | 56.1 | 48.7 | 42.6 | | 53.5 | 47.2 | 41.5 | | 80 |
| 85 | 44.3 | 41.3 | 37.9 | 31.1 | 53.6 | 46.7 | 41.5 | 32 | 53.8 | 47 | 41.9 | 32 | 53.9 | 47.3 | 41.5 | 31.7 | 51.6 | 45.8 | 40.5 | | 85 |
| 90 | 42.2 | 39.2 | 36.3 | 29.9 | 51.4 | 45 | 40 | 31.1 | 52 | 45.3 | 40.6 | 31.2 | 51.8 | 45.8 | 40.4 | 31.4 | 49.8 | 44.6 | 39.5 | 31.3 | 90 |
| 95 | 40.1 | 37.1 | 34.9 | 28.9 | 49.3 | 43.4 | 38.8 | 30.3 | 50.2 | 44 | 39.3 | 30.4 | 50.1 | 44.4 | 39.3 | 30.9 | 48 | 43.5 | 38.6 | 30.8 | 95 |
| 100 | 38 | 35.5 | 33.4 | 27.9 | 47.1 | 41.8 | 37.5 | 29.5 | 48.4 | 42.6 | 38.2 | 29.7 | 48.6 | 43.1 | 38.2 | 30.3 | 46.2 | 42.3 | 37.7 | 30.2 | 100 |
| 105 | 35.9 | 34.1 | 32 | 27.1 | 45.1 | 40.2 | 36.3 | 28.8 | 46.6 | 41.3 | 37.1 | 29 | 47.2 | 42 | 37.2 | 29.6 | 44.5 | 41.2 | 36.8 | 29.6 | 105 |
| 110 | 34.2 | 32.6 | 30.9 | 26.4 | 43.5 | 38.9 | 35.1 | 28.1 | 44.8 | 40 | 36 | 28.4 | 45.7 | 40.9 | 36.3 | 29 | 42.9 | 40 | 35.9 | 29 | 110 |
| 115 | 32.7 | 31.2 | 29.9 | 25.7 | 41.9 | 37.6 | 34.2 | 27.5 | 43.1 | 38.7 | 35 | 27.8 | 44.3 | 39.8 | 35.4 | 28.5 | 41.3 | 38.9 | 35.1 | 28.5 | 115 |
| 120 | 31.3 | 30 | 28.9 | 25.1 | 40.3 | 36.4 | 33.3 | 26.9 | 41.7 | 37.5 | 34 | 27.2 | 42.9 | 38.6 | 34.5 | 28 | 39.7 | 37.8 | 34.4 | 28 | 120 |
| 125 | 29.9 | 29.1 | 28.1 | 24.8 | 38.8 | 35.2 | 32.4 | 26.4 | 40.4 | 36.5 | 33.2 | 26.7 | 41.5 | 37.5 | 33.6 | 27.5 | 38.1 | 36.7 | 33.6 | 27.6 | 125 |
| 130 | 28.7 | 28.1 | 27.5 | 24.4 | 37.2 | 34 | 31.5 | 26 | 39.1 | 35.4 | 32.4 | 26.3 | 40.2 | 36.6 | 32.8 | 27 | 36.5 | 35.5 | 32.9 | 27.1 | 130 |
| 135 | 27.7 | 27.2 | 26.9 | 24.4 | 35.9 | 33 | 30.8 | 25.5 | 37.8 | 34.4 | 31.6 | 25.8 | 39.1 | 35.6 | 32.1 | 26.6 | 34.9 | 34.4 | 32.1 | 26.7 | 135 |
| 140 | 26.7 | 26.7 | 26.5 | | 34.8 | 32.1 | 30.1 | 25.1 | 36.6 | 33.3 | 30.8 | 25.4 | 38 | 34.8 | 31.4 | 26.2 | 33.5 | 33.3 | 31.4 | 26.4 | 140 |
| 145 | 26.2 | 26.3 | | | 33.7 | 31.3 | 29.4 | 24.8 | 35.3 | 32.4 | 30.2 | 25.1 | 37 | 33.9 | 30.8 | 25.9 | 32.3 | 32.2 | 30.6 | 26 | 145 |
| 150 | | | | | 32.6 | 30.4 | 28.7 | 24.5 | 34.3 | 31.6 | 29.6 | 24.8 | 35.9 | 33 | 30.1 | 25.6 | 31.2 | 31.1 | 29.9 | 25.7 | 150 |
| 155 | | | | | 31.5 | 29.6 | 28.2 | 24.3 | 33.4 | 30.9 | 29 | 24.5 | 34.8 | 32.2 | 29.5 | 25.3 | 30 | 30 | 29.1 | 25.4 | 155 |
| 160 | | | | | 30.5 | 28.9 | 27.7 | 24.1 | 32.4 | 30.2 | 28.4 | 24.2 | 33.8 | 31.4 | 29 | 25 | 28.9 | 28.9 | 28.4 | 25.2 | 160 |
| 165 | | | | | 29.7 | 28.3 | 27.2 | | 31.5 | 29.4 | 27.9 | 24 | 32.6 | 30.7 | 28.6 | 24.8 | 27.8 | 27.8 | 27.6 | 24.9 | 165 |
| 170 | | | | | 28.9 | 27.6 | 26.8 | | 30.6 | 28.7 | 27.5 | 23.9 | 31.4 | 30.1 | 28.1 | 24.6 | 26.7 | 26.7 | 26.7 | 24.6 | 170 |
| 175 | | | | | 28.1 | 27 | 26.5 | | 29.7 | 28.2 | 27.1 | | 30.3 | 29.4 | 27.6 | 24.3 | 25.6 | 25.8 | 25.8 | 24.4 | 175 |
| 180 | | | | | 27.4 | 26.6 | 26.2 | | 29 | 27.7 | 26.7 | | 29.1 | 28.8 | 27.1 | 23.7 | 24.7 | 25 | 24.9 | 24.2 | 180 |
| 185 | | | | | 26.8 | 26.2 | | | 28.4 | 27.2 | 26.4 | | 27.9 | 28 | 26.7 | | 23.9 | 24.1 | 24 | 24 | 185 |
| 190 | | | | | 26.3 | 25.9 | | | 27.7 | 26.6 | 26.2 | | 26.7 | 27.1 | 26.2 | | 23 | 23.2 | 23.1 | 23.3 | 190 |
| 195 | | | | | 25.8 | | | | 27.1 | 26.3 | 26 | | 25.6 | 26.1 | 25.7 | | 22.2 | 22.3 | 22.2 | 22.5 | 195 |
| 200 | | | | | | | | | 26.5 | 26 | | | 24.6 | 25 | 25.1 | | 21.3 | 21.5 | 21.4 | | 200 |
| 205 | | | | | | | | | 26.1 | 25.8 | | | 23.6 | 24 | 24.2 | | 20.5 | 20.7 | 20.6 | | 205 |
| 210 | | | | | | | | | 25.8 | | | | 22.6 | 22.9 | 23.2 | | 19.7 | 20 | 19.8 | | 210 |
| 215 | | | | | | | | | | | | | 21.6 | 22 | | | 18.9 | 19.2 | 19.1 | | 215 |
| 220 | | | | | | | | | | | | | 20.8 | 21.1 | | | 18.2 | 18.5 | 18.5 | | 220 |
| 225 | | | | | | | | | | | | | 20 | 20.2 | | | 17.5 | 17.7 | 17.8 | | 225 |
| 230 | | | | | | | | | | | | | 19.2 | | | | 16.7 | 17 | | | 230 |
| 235 | | | | | | | | | | | | | | | | | 16 | 16.4 | | | 235 |
| 240 | | | | | | | | | | | | | | | | | 15.4 | 15.7 | | | 240 |
| 245 | | | | | | | | | | | | | | | | | 14.7 | | | | 245 |

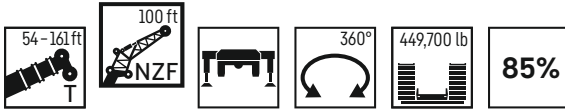
* adapter - pièce d'adaptateur

maxt_198_203_00601_00_000

Lifting capacities

Forces de levage

TNZF 100 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|-----|----------------|------|------|------|----------------|------|------|------|-----|
| | TNZF 100 ft | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 19 | 113.6 | | | | | | | | | | | | | | | | | | | | 19 |
| 20 | 111.6 | | | | | | | | | | | | | | | | | | | | 20 |
| 22 | 107.2 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 102.8 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 98.4 | | | | 92.1 | | | | | | | | | | | | | | | | 26 |
| 28 | 94 | | | | 89.8 | | | | | | | | | | | | | | | | 28 |
| 30 | 90 | | | | 87.5 | | | 82.9 | | | | | | | | | | | | | 30 |
| 32 | 87.2 | | | | 85.2 | | | 81.1 | | | | | | | | | | | | | 32 |
| 34 | 84.4 | | | | 82.8 | | | 79.3 | | | | | 73.5 | | | | | | | | 34 |
| 36 | 81.5 | | | | 80.5 | | | 77.5 | | | | | 72.2 | | | | | | | | 36 |
| 38 | 78.7 | 66.4 | | | 78.3 | | | 75.7 | | | | | 70.8 | | | | 64.4 | | | | 38 |
| 40 | 75.9 | 64.6 | | | 76.4 | | | 73.9 | | | | | 69.5 | | | | 63.4 | | | | 40 |
| 45 | 69.3 | 60.1 | | | 72.2 | 59.5 | | 70 | | | | | 66.1 | | | | 61 | | | | 45 |
| 50 | 64.7 | 56.3 | | | 68 | 56.6 | | 66.6 | 55.4 | | | | 63.1 | | | | 58.5 | | | | 50 |
| 55 | 60.3 | 52.9 | 47.2 | | 64 | 53.9 | | 63.2 | 53 | | | | 60.6 | 51.1 | | | 56.3 | | | | 55 |
| 60 | 56 | 49.5 | 44.4 | | 60.8 | 51.6 | | 59.9 | 50.7 | | | | 58 | 49.2 | | | 54.4 | 46.7 | | | 60 |
| 65 | 52.2 | 46.7 | 41.9 | | 57.9 | 49.3 | 42.4 | 57.2 | 48.8 | 41.8 | | | 55.4 | 47.4 | | | 52.4 | 45.2 | | | 65 |
| 70 | 49.2 | 44.1 | 39.7 | | 55.1 | 47.2 | 40.8 | 54.8 | 46.9 | 40.4 | | | 53 | 45.8 | 39.4 | | 50.5 | 43.7 | | | 70 |
| 75 | 46.4 | 41.5 | 37.5 | | 52.2 | 45.4 | 39.4 | 52.5 | 45 | 39.1 | | | 51.1 | 44.2 | 38.2 | | 48.6 | 42.4 | 37 | | 75 |
| 80 | 43.7 | 39.2 | 35.7 | 29.8 | 49.9 | 43.6 | 38 | 50.2 | 43.5 | 37.9 | | | 49.3 | 42.7 | 37.1 | | 47 | 41.2 | 36 | | 80 |
| 85 | 40.9 | 37.2 | 34 | 28.6 | 47.9 | 41.8 | 36.7 | 48.1 | 42 | 36.7 | | | 47.5 | 41.3 | 36.1 | | 45.6 | 40 | 35.1 | | 85 |
| 90 | 38.3 | 35.4 | 32.4 | 27.4 | 46 | 40.3 | 35.4 | 46.1 | 40.5 | 35.5 | 28.1 | | 45.7 | 40.1 | 35.1 | | 44.2 | 38.8 | 34.2 | | 90 |
| 95 | 36.3 | 33.7 | 30.9 | 26.3 | 44.1 | 38.9 | 34 | 44.6 | 39.1 | 34.4 | 27.3 | | 43.9 | 38.8 | 34.1 | 27.1 | 42.8 | 37.8 | 33.4 | | 95 |
| 100 | 34.5 | 31.9 | 29.7 | 25.3 | 42.3 | 37.5 | 32.9 | 43 | 37.8 | 33.3 | 26.5 | | 42.5 | 37.6 | 33.2 | 26.4 | 41.5 | 36.8 | 32.6 | 26 | 100 |
| 105 | 32.8 | 30.2 | 28.5 | 24.5 | 40.4 | 36.1 | 31.9 | 41.5 | 36.7 | 32.3 | 25.9 | | 41.3 | 36.5 | 32.3 | 25.8 | 40.1 | 35.8 | 31.8 | 25.5 | 105 |
| 110 | 31.1 | 29 | 27.3 | 23.6 | 38.6 | 34.8 | 30.9 | 40 | 35.6 | 31.4 | 25.2 | | 40 | 35.5 | 31.4 | 25.2 | 38.8 | 34.9 | 31 | 24.9 | 110 |
| 115 | 29.4 | 27.9 | 26.2 | 22.9 | 37.3 | 33.6 | 29.8 | 38.5 | 34.4 | 30.5 | 24.7 | | 38.8 | 34.6 | 30.6 | 24.7 | 37.5 | 34 | 30.3 | 24.4 | 115 |
| 120 | 28.1 | 26.7 | 25.3 | 22.3 | 36 | 32.4 | 28.9 | 37 | 33.3 | 29.6 | 24.1 | | 37.5 | 33.6 | 29.8 | 24.1 | 36.3 | 33.2 | 29.5 | 24 | 120 |
| 125 | 26.9 | 25.5 | 24.5 | 21.7 | 34.6 | 31.4 | 28.1 | 35.8 | 32.2 | 28.7 | 23.6 | | 36.3 | 32.7 | 29.1 | 23.7 | 35.1 | 32.4 | 28.9 | 23.5 | 125 |
| 130 | 25.7 | 24.6 | 23.7 | 21.1 | 33.3 | 30.3 | 27.3 | 34.7 | 31.3 | 27.9 | 23.1 | | 35.1 | 31.8 | 28.3 | 23.2 | 33.8 | 31.7 | 28.2 | 23.1 | 130 |
| 135 | 24.6 | 23.8 | 22.9 | 20.8 | 32 | 29.3 | 26.5 | 33.6 | 30.4 | 27.2 | 22.7 | | 33.9 | 30.9 | 27.5 | 22.8 | 32.6 | 30.9 | 27.6 | 22.7 | 135 |
| 140 | 23.6 | 23 | 22.4 | 20.5 | 30.8 | 28.3 | 25.8 | 32.5 | 29.5 | 26.6 | 22.2 | | 33 | 30.1 | 26.9 | 22.4 | 31.4 | 30.1 | 27 | 22.3 | 140 |
| 145 | 22.8 | 22.2 | 21.9 | 20.4 | 29.8 | 27.5 | 25.2 | 31.4 | 28.6 | 25.9 | 21.8 | | 32.2 | 29.3 | 26.3 | 22 | 30.2 | 29.4 | 26.3 | 22 | 145 |
| 150 | 22 | 21.7 | 21.4 | 11 | 28.9 | 26.7 | 24.6 | 30.3 | 27.7 | 25.2 | 21.5 | | 31.3 | 28.5 | 25.7 | 21.6 | 29.1 | 28.6 | 25.8 | 21.6 | 150 |
| 155 | 21.4 | 21.3 | 21.4 | | 27.9 | 26 | 24 | 29.3 | 27 | 24.7 | 21.1 | | 30.4 | 27.8 | 25.2 | 21.3 | 28.1 | 27.7 | 25.3 | 21.3 | 155 |
| 160 | | | | | 27 | 25.2 | 23.4 | 28.5 | 26.3 | 24.2 | 20.8 | | 29.5 | 27 | 24.6 | 21 | 27.1 | 26.8 | 24.8 | 21 | 160 |
| 165 | | | | | 26 | 24.5 | 23 | 27.7 | 25.7 | 23.7 | 20.6 | | 28.6 | 26.3 | 24.1 | 20.8 | 26.1 | 26 | 24.3 | 20.8 | 165 |
| 170 | | | | | 25.2 | 23.9 | 22.5 | 26.9 | 25 | 23.2 | 20.3 | | 27.8 | 25.7 | 23.7 | 20.5 | 25.2 | 25.1 | 23.9 | 20.6 | 170 |
| 175 | | | | | 24.5 | 23.4 | 22.1 | 26.1 | 24.4 | 22.8 | 20.2 | | 27.1 | 25.2 | 23.3 | 20.3 | 24.2 | 24.2 | 23.4 | 20.3 | 175 |
| 180 | | | | | 23.8 | 22.8 | 21.7 | 25.3 | 23.8 | 22.4 | 20 | | 26.4 | 24.6 | 22.9 | 20.1 | 23.2 | 23.4 | 22.8 | 20.1 | 180 |
| 185 | | | | | 23.2 | 22.3 | 21.5 | 24.5 | 23.3 | 22.1 | | | 25.7 | 24.1 | 22.5 | 20 | 22.4 | 22.6 | 22.1 | 20 | 185 |
| 190 | | | | | 22.5 | 21.9 | 21.2 | 23.9 | 22.9 | 21.7 | | | 25 | 23.6 | 22.1 | 19.9 | 21.6 | 21.8 | 21.4 | 19.9 | 190 |
| 195 | | | | | 22 | 21.5 | | 23.4 | 22.4 | 21.4 | | | 24.3 | 23.1 | 21.9 | 19.8 | 20.8 | 21 | 20.8 | 19.8 | 195 |
| 200 | | | | | 21.5 | 21.2 | | 22.8 | 22 | 21.2 | | | 23.6 | 22.5 | 21.6 | | 20.1 | 20.2 | 20.1 | 19.6 | 200 |
| 205 | | | | | 21.1 | | | 22.3 | 21.6 | 21 | | | 22.8 | 22 | 21.3 | | 19.3 | 19.4 | 19.4 | 19.3 | 205 |
| 210 | | | | | | | | 21.7 | 21.4 | 20.9 | | | 21.9 | 21.5 | 21 | | 18.5 | 18.6 | 18.7 | | 210 |
| 215 | | | | | | | | 21.4 | 21.1 | | | | 21 | 21 | 20.6 | | 17.8 | 18 | 18 | | 215 |
| 220 | | | | | | | | 21.1 | | | | | 20.1 | 20.4 | 20.3 | | 17.1 | 17.3 | 17.3 | | 220 |
| 225 | | | | | | | | 20.8 | | | | | 19.2 | 19.6 | 19.8 | | 16.5 | 16.7 | 16.6 | | 225 |
| 230 | | | | | | | | | | | | | 18.4 | 18.8 | | | 15.9 | 16 | 16 | | 230 |
| 235 | | | | | | | | | | | | | 17.7 | 18 | | | 15.2 | 15.3 | 15.4 | | 235 |
| 240 | | | | | | | | | | | | | 17 | | | | 14.6 | 14.8 | 14.8 | | 240 |
| 245 | | | | | | | | | | | | | | | | | 14 | 14.3 | | | 245 |
| 250 | | | | | | | | | | | | | | | | | 13.4 | 13.7 | | | 250 |
| 255 | | | | | | | | | | | | | | | | | 12.9 | | | | 255 |
| 260 | | | | | | | | | | | | | | | | | 12.3 | | | | 260 |

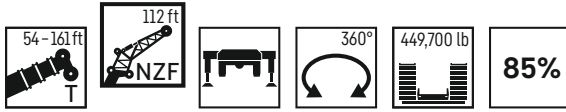
* adapter - pièce d'adaptateur

maxt_198_203_00701_00_000

Lifting capacities

Forces de levage

TNZF 112 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 22 | 96.3 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 92.7 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 89 | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 85.4 | | | | 79.8 | | | | | | | | | | | | | | | | 28 |
| 30 | 81.8 | | | | 77.8 | | | | | | | | | | | | | | | | 30 |
| 32 | 78.4 | | | | 75.8 | | | | 71.9 | | | | | | | | | | | | 32 |
| 34 | 76 | | | | 73.9 | | | | 70.3 | | | | 65.1 | | | | | | | | 34 |
| 36 | 73.7 | | | | 71.9 | | | | 68.8 | | | | 63.9 | | | | | | | | 36 |
| 38 | 71.4 | | | | 70 | | | | 67.2 | | | | 62.7 | | | | 57.5 | | | | 38 |
| 40 | 69.1 | | | | 68.1 | | | | 65.7 | | | | 61.6 | | | | 56.7 | | | | 40 |
| 45 | 63.3 | 55.6 | | | 64.4 | | | | 62 | | | | 58.7 | | | | 54.6 | | | | 45 |
| 50 | 58.4 | 51.7 | | | 60.9 | 50.6 | | | 59.1 | | | | 55.9 | | | | 52.5 | | | | 50 |
| 55 | 54.8 | 48.7 | | | 57.3 | 48.2 | | | 56.3 | 47 | | | 53.6 | | | | 50.4 | | | | 55 |
| 60 | 51.2 | 45.8 | 40.5 | | 54.1 | 46 | | | 53.4 | 45 | | | 51.4 | 43.5 | | | 48.7 | | | | 60 |
| 65 | 47.6 | 43 | 38.2 | | 51.6 | 44 | | | 50.6 | 43.2 | | | 49.2 | 41.9 | | | 47 | 39.8 | | | 65 |
| 70 | 44.6 | 40.6 | 36.1 | | 49.2 | 42.1 | 36.2 | | 48.6 | 41.6 | | | 47 | 40.4 | | | 45.4 | 38.5 | | | 70 |
| 75 | 42.1 | 38.4 | 34.2 | | 46.8 | 40.2 | 34.9 | | 46.6 | 39.9 | 34.4 | | 45.1 | 39 | 33.5 | | 43.7 | 37.3 | | | 75 |
| 80 | 39.8 | 36.3 | 32.3 | | 44.5 | 38.8 | 33.7 | | 44.7 | 38.4 | 33.3 | | 43.6 | 37.6 | 32.5 | | 42.1 | 36.2 | 31.4 | | 80 |
| 85 | 37.5 | 34.2 | 30.7 | | 42.5 | 37.3 | 32.5 | | 42.7 | 37.1 | 32.2 | | 42 | 36.3 | 31.6 | | 40.8 | 35.1 | 30.6 | | 85 |
| 90 | 35.2 | 32.4 | 29.3 | 24.6 | 40.8 | 35.8 | 31.3 | | 40.9 | 35.8 | 31.2 | | 40.4 | 35.1 | 30.7 | | 39.5 | 34 | 29.8 | | 90 |
| 95 | 33 | 30.9 | 27.9 | 23.5 | 39.2 | 34.4 | 30.2 | 23.9 | 39.3 | 34.5 | 30.2 | | 38.9 | 34.1 | 29.9 | | 38.3 | 33 | 29 | | 95 |
| 100 | 31.1 | 29.4 | 26.5 | 22.6 | 37.7 | 33.2 | 29.1 | 23.2 | 38 | 33.3 | 29.3 | 23.2 | 37.3 | 33.1 | 29 | | 37.1 | 32.1 | 28.3 | | 100 |
| 105 | 29.7 | 27.9 | 25.4 | 21.7 | 36.1 | 32 | 28.1 | 22.5 | 36.7 | 32.2 | 28.3 | 22.5 | 36.2 | 32 | 28.2 | 22.3 | 35.9 | 31.3 | 27.6 | | 105 |
| 110 | 28.2 | 26.4 | 24.4 | 20.9 | 34.5 | 30.8 | 27.1 | 21.8 | 35.4 | 31.3 | 27.4 | 21.9 | 35.1 | 31 | 27.4 | 21.8 | 34.7 | 30.5 | 26.9 | 21.4 | 110 |
| 115 | 26.7 | 25.2 | 23.4 | 20.1 | 32.9 | 29.7 | 26.2 | 21.2 | 34 | 30.3 | 26.6 | 21.4 | 34 | 30.2 | 26.6 | 21.3 | 33.7 | 29.6 | 26.3 | 21 | 115 |
| 120 | 25.3 | 24.2 | 22.4 | 19.4 | 31.8 | 28.6 | 25.3 | 20.7 | 32.7 | 29.3 | 25.8 | 20.8 | 33 | 29.4 | 25.9 | 20.8 | 32.7 | 28.8 | 25.6 | 20.5 | 120 |
| 125 | 23.9 | 23.2 | 21.4 | 18.8 | 30.7 | 27.6 | 24.4 | 20.1 | 31.5 | 28.4 | 25 | 20.3 | 31.9 | 28.6 | 25.2 | 20.3 | 31.8 | 28.1 | 25 | 20.1 | 125 |
| 130 | 23 | 22.1 | 20.7 | 18.3 | 29.5 | 26.7 | 23.7 | 19.6 | 30.4 | 27.4 | 24.3 | 19.8 | 30.9 | 27.8 | 24.5 | 19.8 | 30.9 | 27.4 | 24.4 | 19.7 | 130 |
| 135 | 22 | 21.2 | 20 | 17.8 | 28.4 | 25.8 | 23.1 | 19.1 | 29.4 | 26.6 | 23.5 | 19.4 | 29.8 | 27 | 23.9 | 19.4 | 30 | 26.8 | 23.8 | 19.3 | 135 |
| 140 | 21 | 20.4 | 19.3 | 17.3 | 27.3 | 24.9 | 22.4 | 18.7 | 28.5 | 25.8 | 22.9 | 18.9 | 28.8 | 26.2 | 23.2 | 19 | 29 | 26.1 | 23.2 | 18.9 | 140 |
| 145 | 20 | 19.7 | 18.7 | 16.9 | 26.2 | 24 | 21.7 | 18.3 | 27.6 | 25 | 22.3 | 18.5 | 28 | 25.4 | 22.6 | 18.6 | 28.1 | 25.5 | 22.7 | 18.6 | 145 |
| 150 | 19.2 | 19 | 18.2 | 16.6 | 25.3 | 23.2 | 21.1 | 17.9 | 26.6 | 24.2 | 21.7 | 18.2 | 27.2 | 24.8 | 22 | 18.3 | 27.2 | 24.8 | 22.1 | 18.2 | 150 |
| 155 | 18.5 | 18.2 | 17.8 | 16.5 | 24.5 | 22.6 | 20.6 | 17.6 | 25.7 | 23.5 | 21.1 | 17.8 | 26.5 | 24.1 | 21.5 | 18 | 26.3 | 24.1 | 21.5 | 17.9 | 155 |
| 160 | 17.9 | 17.8 | 17.4 | 13.9 | 23.6 | 21.9 | 20.1 | 17.2 | 24.8 | 22.7 | 20.6 | 17.5 | 25.7 | 23.5 | 21 | 17.6 | 25.5 | 23.5 | 21.1 | 17.6 | 160 |
| 165 | 17.3 | 17.4 | 17.3 | | 22.8 | 21.2 | 19.6 | 17 | 24 | 22.1 | 20.1 | 17.2 | 24.9 | 22.8 | 20.6 | 17.4 | 24.6 | 23 | 20.7 | 17.4 | 165 |
| 170 | | | | | 22 | 20.6 | 19.1 | 16.7 | 23.3 | 21.5 | 19.7 | 17 | 24.1 | 22.2 | 20.1 | 17.1 | 23.7 | 22.4 | 20.3 | 17.1 | 170 |
| 175 | | | | | 21.2 | 20 | 18.7 | 16.5 | 22.7 | 21 | 19.3 | 16.7 | 23.4 | 21.6 | 19.7 | 16.9 | 22.8 | 21.8 | 19.9 | 16.9 | 175 |
| 180 | | | | | 20.5 | 19.5 | 18.3 | 16.3 | 22 | 20.4 | 18.8 | 16.5 | 22.8 | 21.1 | 19.3 | 16.7 | 22 | 21.3 | 19.5 | 16.7 | 180 |
| 185 | | | | | 20 | 19 | 17.9 | | 21.3 | 19.9 | 18.5 | 16.3 | 22.2 | 20.6 | 18.9 | 16.5 | 21.1 | 20.7 | 19 | 16.5 | 185 |
| 190 | | | | | 19.4 | 18.6 | 17.6 | | 20.6 | 19.4 | 18.2 | 16.2 | 21.6 | 20.1 | 18.6 | 16.3 | 20.3 | 20.1 | 18.7 | 16.3 | 190 |
| 195 | | | | | 18.8 | 18.1 | 17.4 | | 19.9 | 19 | 17.9 | 16.1 | 21 | 19.7 | 18.2 | 16.1 | 19.5 | 19.4 | 18.3 | 16.2 | 195 |
| 200 | | | | | 18.3 | 17.8 | 17.1 | | 19.4 | 18.6 | 17.6 | | 20.4 | 19.2 | 17.9 | 16 | 18.8 | 18.7 | 17.9 | 16.1 | 200 |
| 205 | | | | | 17.8 | 17.4 | 17 | | 19 | 18.2 | 17.3 | | 19.9 | 18.8 | 17.7 | 16 | 18.1 | 18 | 17.5 | 16 | 205 |
| 210 | | | | | 17.4 | 17.1 | | | 18.5 | 17.8 | 17.1 | | 19.3 | 18.4 | 17.4 | | 17.4 | 17.3 | 17.1 | 15.9 | 210 |
| 215 | | | | | 17.1 | | | | 18.1 | 17.5 | 17 | | 18.7 | 18.1 | 17.2 | | 16.7 | 16.6 | 16.6 | 15.9 | 215 |
| 220 | | | | | | | | | 17.6 | 17.3 | 16.8 | | 18.2 | 17.8 | 17 | | 16 | 15.9 | 16 | | 220 |
| 225 | | | | | | | | | 17.3 | 17 | | | 17.6 | 17.5 | 16.9 | | 15.3 | 15.3 | 15.3 | | 225 |
| 230 | | | | | | | | | 17 | 16.9 | | | 17 | 17.2 | 16.8 | | 14.7 | 14.7 | 14.7 | | 230 |
| 235 | | | | | | | | | 16.8 | | | | 16.4 | 16.7 | 16.7 | | 14.1 | 14.1 | 14.1 | | 235 |
| 240 | | | | | | | | | | | | | 15.9 | 16.1 | | | 13.6 | 13.5 | 13.5 | | 240 |
| 245 | | | | | | | | | | | | | 15.2 | 15.6 | | | 13 | 13 | 13 | | 245 |
| 250 | | | | | | | | | | | | | 14.6 | | | | 12.5 | 12.4 | 12.5 | | 250 |
| 255 | | | | | | | | | | | | | | | | | 11.9 | 11.9 | | | 255 |
| 260 | | | | | | | | | | | | | | | | | 11.4 | 11.5 | | | 260 |
| 265 | | | | | | | | | | | | | | | | | 10.9 | | | | 265 |
| 270 | | | | | | | | | | | | | | | | | 10.4 | | | | 270 |

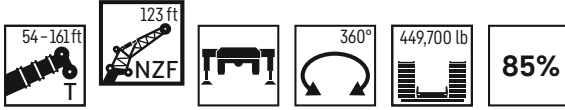
* adapter - pièce d'adaptateur

maxt_198_203_00801_00_000

Lifting capacities

Forces de levage

TNZF 123 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | TNZF 123 ft | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 22 | 86.7 | | | | | | | | | | | | | | | | | | | | 22 |
| 24 | 84 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 81 | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 78.1 | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 75.1 | | | | 69.2 | | | | | | | | | | | | | | | | 30 |
| 32 | 72.2 | | | | 67.6 | | | | 63.9 | | | | | | | | | | | | 32 |
| 34 | 69.3 | | | | 65.9 | | | | 62.5 | | | | | | | | | | | | 34 |
| 36 | 67.3 | | | | 64.3 | | | | 61.2 | | | | 57.5 | | | | | | | | 36 |
| 38 | 65.3 | | | | 62.7 | | | | 59.9 | | | | 56.5 | | | | | | | | 38 |
| 40 | 63.4 | | | | 61.1 | | | | 58.7 | | | | 55.5 | | | | 50.3 | | | | 40 |
| 45 | 58.6 | 50.6 | | | 57.6 | | | | 55.4 | | | | 53 | | | | 48.5 | | | | 45 |
| 50 | 53.9 | 47.4 | | | 54.6 | | | | 52.7 | | | | 50.6 | | | | 46.7 | | | | 50 |
| 55 | 50.2 | 44.3 | | | 51.6 | 43.3 | | | 50.3 | | | | 48.4 | | | | 44.9 | | | | 55 |
| 60 | 47.3 | 41.8 | | | 48.7 | 41.3 | | | 47.9 | 40.3 | | | 46.5 | 38.7 | | | 43.2 | | | | 60 |
| 65 | 44.3 | 39.5 | 35 | | 46.2 | 39.5 | | | 45.5 | 38.7 | | | 44.6 | 37.3 | | | 41.8 | 35.3 | | | 65 |
| 70 | 41.3 | 37.2 | 33.1 | | 44.2 | 37.8 | | | 43.4 | 37.2 | | | 42.7 | 35.9 | | | 40.3 | 34.2 | | | 70 |
| 75 | 38.8 | 35.2 | 31.3 | | 42.1 | 36.2 | 31.2 | | 41.6 | 35.8 | | | 40.9 | 34.7 | | | 38.9 | 33.1 | | | 75 |
| 80 | 36.7 | 33.4 | 29.7 | | 40.1 | 34.6 | 30.1 | | 40 | 34.4 | 30.5 | | 39.4 | 33.5 | | | 37.5 | 32 | | | 80 |
| 85 | 34.8 | 31.5 | 28.2 | | 38.2 | 33.4 | 29 | | 38.3 | 33 | 29.5 | | 38.1 | 32.4 | 28.8 | | 36.2 | 31.1 | | | 85 |
| 90 | 32.9 | 29.7 | 26.6 | | 36.5 | 32.1 | 28 | | 36.7 | 31.9 | 28.6 | | 36.7 | 31.3 | 28 | | 35 | 30.2 | 27.1 | | 90 |
| 95 | 31 | 28.2 | 25.4 | | 35.1 | 30.8 | 27 | | 35.1 | 30.8 | 27.7 | | 35.4 | 30.3 | 27.2 | | 34 | 29.3 | 26.4 | | 95 |
| 100 | 29.1 | 26.9 | 24.2 | 20.5 | 33.8 | 29.6 | 26 | | 33.8 | 29.7 | 26.8 | | 34 | 29.4 | 26.4 | | 32.9 | 28.4 | 25.7 | | 100 |
| 105 | 27.3 | 25.6 | 23 | 19.6 | 32.4 | 28.6 | 25 | 20 | 32.7 | 28.7 | 26 | | 32.7 | 28.5 | 25.7 | | 31.9 | 27.6 | 25.1 | | 105 |
| 110 | 26 | 24.3 | 22 | 18.8 | 31.1 | 27.6 | 24.1 | 19.4 | 31.5 | 27.7 | 25.2 | 19.3 | 31.8 | 27.6 | 25 | | 30.8 | 26.9 | 24.5 | | 110 |
| 115 | 24.8 | 23.1 | 21.1 | 18.1 | 29.8 | 26.6 | 23.3 | 18.8 | 30.4 | 26.9 | 24.4 | 18.8 | 30.8 | 26.7 | 24.3 | 18.6 | 29.9 | 26.2 | 23.8 | | 115 |
| 120 | 23.6 | 21.8 | 20.2 | 17.4 | 28.4 | 25.6 | 22.5 | 18.2 | 29.3 | 26.1 | 23.6 | 18.2 | 29.9 | 25.9 | 23.6 | 18.2 | 28.9 | 25.4 | 23.2 | 17.9 | 120 |
| 125 | 22.3 | 20.9 | 19.4 | 16.8 | 27.4 | 24.6 | 21.7 | 17.7 | 28.2 | 25.3 | 22.9 | 17.8 | 28.9 | 25.2 | 22.9 | 17.7 | 28.2 | 24.8 | 22.6 | 17.4 | 125 |
| 130 | 21.1 | 20 | 18.5 | 16.1 | 26.4 | 23.7 | 21 | 17.2 | 27.1 | 24.4 | 22.2 | 17.3 | 28 | 24.5 | 22.3 | 17.3 | 27.5 | 24.1 | 22.1 | 17.1 | 130 |
| 135 | 20 | 19.1 | 17.7 | 15.6 | 25.4 | 22.9 | 20.3 | 16.7 | 26.1 | 23.6 | 21.5 | 16.9 | 27.1 | 23.8 | 21.7 | 16.8 | 26.7 | 23.5 | 21.5 | 16.7 | 135 |
| 140 | 19.2 | 18.3 | 17.1 | 15.1 | 24.5 | 22.2 | 19.7 | 16.3 | 25.3 | 22.8 | 20.8 | 16.5 | 26.2 | 23.1 | 21.1 | 16.4 | 26 | 22.9 | 20.9 | 16.3 | 140 |
| 145 | 18.4 | 17.5 | 16.5 | 14.7 | 23.5 | 21.4 | 19.1 | 15.9 | 24.5 | 22.1 | 20.2 | 16.1 | 25.3 | 22.4 | 20.5 | 16.1 | 25.3 | 22.3 | 20.4 | 16 | 145 |
| 150 | 17.5 | 16.8 | 15.9 | 14.2 | 22.6 | 20.6 | 18.5 | 15.5 | 23.7 | 21.5 | 19.6 | 15.7 | 24.5 | 21.8 | 19.9 | 15.7 | 24.5 | 21.8 | 19.9 | 15.7 | 150 |
| 155 | 16.7 | 16.2 | 15.4 | 13.9 | 21.6 | 19.9 | 17.9 | 15.1 | 22.8 | 20.8 | 19.1 | 15.4 | 23.8 | 21.1 | 19.4 | 15.4 | 23.8 | 21.2 | 19.4 | 15.4 | 155 |
| 160 | 16 | 15.6 | 15 | 13.7 | 20.9 | 19.2 | 17.4 | 14.8 | 22 | 20.1 | 18.6 | 15 | 23.2 | 20.6 | 18.9 | 15.1 | 23.1 | 20.6 | 18.9 | 15.1 | 160 |
| 165 | 15.4 | 15.1 | 14.6 | 13.5 | 20.2 | 18.7 | 17 | 14.5 | 21.2 | 19.5 | 18 | 14.7 | 22.5 | 20 | 18.5 | 14.8 | 22.4 | 20.1 | 18.5 | 14.8 | 165 |
| 170 | 14.8 | 14.6 | 14.2 | 13.5 | 19.5 | 18.1 | 16.5 | 14.2 | 20.5 | 18.9 | 17.5 | 14.5 | 21.8 | 19.4 | 18 | 14.6 | 21.7 | 19.6 | 18.1 | 14.5 | 170 |
| 175 | 14.3 | 14.3 | 14.1 | | 18.8 | 17.6 | 16.1 | 14 | 19.9 | 18.3 | 17.1 | 14.2 | 21.2 | 18.9 | 17.5 | 14.3 | 21 | 19.1 | 17.7 | 14.3 | 175 |
| 180 | 14 | 14.1 | | | 18.2 | 17 | 15.7 | 13.7 | 19.3 | 17.8 | 16.8 | 14 | 20.5 | 18.3 | 17.1 | 14.1 | 20.3 | 18.6 | 17.3 | 14.1 | 180 |
| 185 | | | | | 17.5 | 16.4 | 15.3 | 13.5 | 18.7 | 17.4 | 16.4 | 13.8 | 19.8 | 17.8 | 16.7 | 13.9 | 19.6 | 18.2 | 16.9 | 13.9 | 185 |
| 190 | | | | | 16.9 | 16 | 15 | 13.4 | 18.1 | 16.9 | 16 | 13.5 | 19.3 | 17.4 | 16.4 | 13.6 | 18.9 | 17.7 | 16.6 | 13.7 | 190 |
| 195 | | | | | 16.4 | 15.6 | 14.7 | | 17.5 | 16.4 | 15.7 | 13.4 | 18.8 | 17 | 16.1 | 13.5 | 18.2 | 17.2 | 16.2 | 13.5 | 195 |
| 200 | | | | | 15.9 | 15.3 | 14.4 | | 16.9 | 16 | 15.4 | 13.2 | 18.3 | 16.6 | 15.7 | 13.4 | 17.6 | 16.7 | 16 | 13.4 | 200 |
| 205 | | | | | 15.4 | 14.9 | 14.2 | | 16.4 | 15.6 | 15.1 | 13.2 | 17.8 | 16.2 | 15.4 | 13.2 | 16.9 | 16.2 | 15.7 | 13.3 | 205 |
| 210 | | | | | 15 | 14.5 | 14 | | 16 | 15.3 | 14.8 | | 17.3 | 15.8 | 15.1 | 13.1 | 16.3 | 15.7 | 15.4 | 13.1 | 210 |
| 215 | | | | | 14.6 | 14.3 | 13.8 | | 15.6 | 14.9 | 14.6 | | 16.7 | 15.4 | 14.9 | 13 | 15.7 | 15.3 | 15.1 | 13.1 | 215 |
| 220 | | | | | 14.3 | 14 | | | 15.2 | 14.6 | 14.4 | | 16.3 | 15.1 | 14.7 | | 15.1 | 14.8 | 14.9 | 13 | 220 |
| 225 | | | | | 14 | 13.8 | | | 14.8 | 14.3 | 14.2 | | 15.9 | 14.8 | 14.5 | | 14.5 | 14.3 | 14.5 | 12.9 | 225 |
| 230 | | | | | 13.7 | | | | 14.4 | 14.1 | 14 | | 15.5 | 14.6 | 14.3 | | 13.9 | 13.8 | 14 | | 230 |
| 235 | | | | | | | | | 14.1 | 13.9 | | | 15.2 | 14.3 | 14.1 | | 13.3 | 13.3 | 13.5 | | 235 |
| 240 | | | | | | | | | 13.9 | 13.7 | | | 14.8 | 14 | 14 | | 12.7 | 12.7 | 13 | | 240 |
| 245 | | | | | | | | | 13.6 | | | | 14.5 | 13.9 | 13.9 | | 12.2 | 12.2 | 12.5 | | 245 |
| 250 | | | | | | | | | | | | | 14.1 | 13.7 | | | 11.7 | 11.7 | 12 | | 250 |
| 255 | | | | | | | | | | | | | 13.6 | 13.6 | | | 11.2 | 11.2 | 11.5 | | 255 |
| 260 | | | | | | | | | | | | | 13 | | | | 10.7 | 10.7 | 11 | | 260 |
| 265 | | | | | | | | | | | | | 12.5 | | | | 10.2 | 10.3 | | | 265 |
| 270 | | | | | | | | | | | | | | | | | 9.8 | 9.9 | | | 270 |
| 275 | | | | | | | | | | | | | | | | | 9.4 | 9.5 | | | 275 |
| 280 | | | | | | | | | | | | | | | | | 9.1 | | | | 280 |

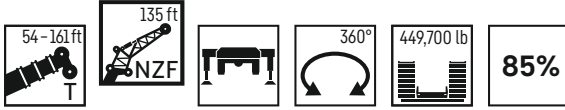
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TNZF 135 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|-----|------|------|-----|
| | TNZF 135 ft | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 24 | 76 | | | | | | | | | | | | | | | | | | | | 24 |
| 26 | 73.5 | | | | | | | | | | | | | | | | | | | | 26 |
| 28 | 71 | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 68.5 | | | | 62.3 | | | | | | | | | | | | | | | | 30 |
| 32 | 66.1 | | | | 61 | | | | | | | | | | | | | | | | 32 |
| 34 | 63.6 | | | | 59.7 | | | | 56.7 | | | | | | | | | | | | 34 |
| 36 | 61.2 | | | | 58.4 | | | | 55.6 | | | | | | | | | | | | 36 |
| 38 | 59.4 | | | | 57 | | | | 54.5 | | | | | 50.5 | | | | | | | 38 |
| 40 | 57.7 | | | | 55.7 | | | | 53.4 | | | | | 49.6 | | | | | | | 40 |
| 45 | 53.7 | | | | 52.5 | | | | 50.6 | | | | | 47.4 | | | | | 43.2 | | 45 |
| 50 | 49.6 | 43.4 | | | 49.9 | | | | 48 | | | | | 45.3 | | | | | 41.6 | | 50 |
| 55 | 45.8 | 40.7 | | | 47.3 | | | | 45.8 | | | | | 43.3 | | | | | 40 | | 55 |
| 60 | 43.1 | 38.2 | | | 44.7 | 37.2 | | | 43.7 | 36.2 | | | | 41.6 | | | | | 38.4 | | 60 |
| 65 | 40.6 | 36.1 | | | 42.3 | 35.5 | | | 41.7 | 34.7 | | | | 39.9 | 33.2 | | | | 37.1 | | 65 |
| 70 | 38.1 | 34.1 | 31.1 | | 40.3 | 33.9 | | | 39.6 | 33.2 | | | | 38.3 | 32 | | | | 35.9 | 31 | 70 |
| 75 | 35.5 | 32.2 | 29.5 | | 38.6 | 32.6 | | | 37.9 | 32 | | | | 36.6 | 30.9 | | | | 34.6 | 30.1 | 75 |
| 80 | 33.4 | 30.4 | 28 | | 36.8 | 31.2 | 27.7 | | 36.4 | 30.7 | | | | 35.1 | 29.8 | | | | 33.4 | 29.2 | 80 |
| 85 | 31.7 | 28.9 | 26.5 | | 35 | 29.8 | 26.7 | | 35 | 29.5 | 26.3 | | | 33.9 | 28.8 | | | | 32.1 | 28.3 | 85 |
| 90 | 30 | 27.3 | 25.1 | | 33.4 | 28.8 | 25.7 | | 33.5 | 28.4 | 25.4 | | | 32.7 | 27.8 | 24.8 | | | 31.1 | 27.5 | 90 |
| 95 | 28.4 | 25.8 | 23.7 | | 31.9 | 27.7 | 24.8 | | 32.1 | 27.4 | 24.6 | | | 31.5 | 26.8 | 24 | | | 30.1 | 26.7 | 95 |
| 100 | 26.8 | 24.4 | 22.5 | | 30.7 | 26.6 | 23.9 | | 30.7 | 26.5 | 23.8 | | | 30.4 | 25.9 | 23.3 | | | 29.2 | 25.9 | 100 |
| 105 | 25.2 | 23.2 | 21.5 | 17.6 | 29.6 | 25.5 | 23 | | 29.6 | 25.6 | 23 | | | 29.2 | 25.2 | 22.7 | | | 28.3 | 25.1 | 105 |
| 110 | 23.6 | 22.1 | 20.5 | 16.8 | 28.4 | 24.6 | 22.2 | | 28.6 | 24.7 | 22.3 | | | 28.1 | 24.4 | 22 | | | 27.4 | 24.4 | 110 |
| 115 | 22.4 | 21 | 19.4 | 16.1 | 27.3 | 23.7 | 21.3 | 16.4 | 27.6 | 23.8 | 21.5 | | | 27.2 | 23.6 | 21.4 | | | 26.4 | 23.7 | 115 |
| 120 | 21.4 | 19.9 | 18.5 | 15.4 | 26.1 | 22.9 | 20.5 | 15.9 | 26.6 | 23 | 20.8 | 15.9 | | 26.4 | 22.8 | 20.7 | 15.7 | | 25.6 | 23.1 | 120 |
| 125 | 20.3 | 18.8 | 17.8 | 14.8 | 24.9 | 22 | 19.8 | 15.4 | 25.7 | 22.3 | 20.1 | 15.4 | | 25.6 | 22.2 | 20.1 | 15.2 | | 24.8 | 22.4 | 125 |
| 130 | 19.2 | 17.8 | 17 | 14.2 | 24 | 21.1 | 19.1 | 14.9 | 24.7 | 21.6 | 19.5 | 14.9 | | 24.8 | 21.5 | 19.5 | 14.8 | | 24.2 | 21.8 | 130 |
| 135 | 18.2 | 17.1 | 16.3 | 13.6 | 23.1 | 20.3 | 18.5 | 14.4 | 23.7 | 20.9 | 18.9 | 14.5 | | 24 | 20.9 | 18.9 | 14.4 | | 23.5 | 21.2 | 135 |
| 140 | 17.2 | 16.4 | 15.5 | 13.1 | 22.2 | 19.6 | 17.8 | 14 | 22.9 | 20.1 | 18.3 | 14.1 | | 23.2 | 20.3 | 18.4 | 14 | | 22.9 | 20.7 | 140 |
| 145 | 16.4 | 15.6 | 14.9 | 12.6 | 21.4 | 18.9 | 17.2 | 13.6 | 22.1 | 19.4 | 17.7 | 13.7 | | 22.4 | 19.7 | 17.8 | 13.7 | | 22.2 | 20.2 | 145 |
| 150 | 15.6 | 14.9 | 14.3 | 12.2 | 20.6 | 18.2 | 16.6 | 13.2 | 21.3 | 18.8 | 17.1 | 13.4 | | 21.6 | 19 | 17.3 | 13.3 | | 21.6 | 19.6 | 150 |
| 155 | 14.9 | 14.2 | 13.8 | 11.8 | 19.7 | 17.5 | 16.1 | 12.8 | 20.6 | 18.2 | 16.5 | 13 | | 20.9 | 18.4 | 16.8 | 13 | | 20.9 | 19.1 | 155 |
| 160 | 14.2 | 13.6 | 13.2 | 11.4 | 18.9 | 16.9 | 15.6 | 12.5 | 19.9 | 17.6 | 16.1 | 12.7 | | 20.3 | 17.9 | 16.3 | 12.7 | | 20.3 | 18.6 | 160 |
| 165 | 13.5 | 13.1 | 12.7 | 11.1 | 18.2 | 16.2 | 15.1 | 12.2 | 19.2 | 17 | 15.6 | 12.4 | | 19.7 | 17.4 | 15.8 | 12.4 | | 19.7 | 18.1 | 165 |
| 170 | 12.9 | 12.6 | 12.3 | 10.9 | 17.5 | 15.7 | 14.6 | 11.9 | 18.5 | 16.4 | 15.1 | 12.1 | | 19.1 | 16.9 | 15.5 | 12.2 | | 19.1 | 17.6 | 170 |
| 175 | 12.4 | 12.1 | 12 | 10.7 | 16.9 | 15.2 | 14.2 | 11.6 | 17.8 | 15.8 | 14.7 | 11.8 | | 18.5 | 16.4 | 15 | 11.9 | | 18.6 | 17.1 | 175 |
| 180 | 11.9 | 11.7 | 11.7 | 10.6 | 16.3 | 14.7 | 13.8 | 11.4 | 17.2 | 15.3 | 14.3 | 11.6 | | 17.9 | 15.9 | 14.6 | 11.7 | | 18 | 16.7 | 180 |
| 185 | 11.5 | 11.4 | 11.5 | | 15.7 | 14.2 | 13.4 | 11.1 | 16.7 | 14.9 | 13.9 | 11.4 | | 17.3 | 15.4 | 14.3 | 11.5 | | 17.5 | 16.3 | 185 |
| 190 | 11.2 | 11.2 | 11.5 | | 15.1 | 13.7 | 13 | 10.9 | 16.1 | 14.5 | 13.6 | 11.1 | | 16.7 | 14.9 | 13.9 | 11.3 | | 17 | 15.8 | 190 |
| 195 | | | | | 14.5 | 13.3 | 12.7 | 10.8 | 15.6 | 14 | 13.2 | 10.9 | | 16.2 | 14.5 | 13.6 | 11.1 | | 16.4 | 15.4 | 195 |
| 200 | | | | | 14 | 12.9 | 12.4 | 10.6 | 15.1 | 13.6 | 12.9 | 10.8 | | 15.7 | 14.1 | 13.3 | 10.9 | | 15.9 | 15 | 200 |
| 205 | | | | | 13.6 | 12.6 | 12.1 | 10.5 | 14.6 | 13.2 | 12.6 | 10.6 | | 15.3 | 13.8 | 13 | 10.7 | | 15.4 | 14.5 | 205 |
| 210 | | | | | 13.1 | 12.2 | 11.8 | | 14 | 12.8 | 12.3 | 10.5 | | 14.9 | 13.4 | 12.7 | 10.6 | | 14.9 | 14.1 | 210 |
| 215 | | | | | 12.7 | 11.9 | 11.6 | | 13.6 | 12.5 | 12.1 | 10.4 | | 14.4 | 13 | 12.4 | 10.4 | | 14.3 | 13.7 | 215 |
| 220 | | | | | 12.3 | 11.6 | 11.4 | | 13.2 | 12.2 | 11.8 | | | 14 | 12.7 | 12.1 | 10.3 | | 13.7 | 13.4 | 220 |
| 225 | | | | | 11.9 | 11.4 | 11.2 | | 12.8 | 11.9 | 11.6 | | | 13.5 | 12.4 | 12 | 10.3 | | 13.2 | 13 | 225 |
| 230 | | | | | 11.6 | 11.1 | | | 12.5 | 11.6 | 11.4 | | | 13.1 | 12.1 | 11.8 | | | 12.6 | 12.6 | 230 |
| 235 | | | | | 11.3 | 11 | | | 12.1 | 11.4 | 11.3 | | | 12.7 | 11.9 | 11.6 | | | 12.1 | 12.2 | 235 |
| 240 | | | | | 11 | | | | 11.7 | 11.2 | 11.1 | | | 12.5 | 11.6 | 11.4 | | | 11.5 | 11.8 | 240 |
| 245 | | | | | | | | | 11.5 | 11 | | | | 12.2 | 11.4 | 11.2 | | | 11 | 11.4 | 245 |
| 250 | | | | | | | | | 11.2 | 10.9 | | | | 11.8 | 11.2 | 11.1 | | | 10.5 | 10.9 | 250 |
| 255 | | | | | | | | | | | | | | 11.6 | 11 | 11 | | | 10.1 | 10.5 | 255 |
| 260 | | | | | | | | | | | | | | 11.3 | 10.9 | | | | 9.7 | 10 | 260 |
| 265 | | | | | | | | | | | | | | 11 | 10.7 | | | | 9.3 | 9.5 | 265 |
| 270 | | | | | | | | | | | | | | 10.7 | 10.7 | | | | 8.9 | 9.1 | 270 |
| 275 | | | | | | | | | | | | | | 10.5 | | | | | 8.5 | 8.7 | 275 |
| 280 | | | | | | | | | | | | | | | | | | | 8.1 | 8.4 | 280 |
| 285 | | | | | | | | | | | | | | | | | | | 7.8 | 8.1 | 285 |
| 290 | | | | | | | | | | | | | | | | | | | 7.5 | | 290 |

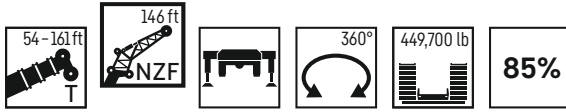
* adapter - pièce d'adaptateur

maxt_198_203_01001_00_000

Lifting capacities

Forces de levage

TNZF 146 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | | |
| 26 | 66.8 | | | | | | | | | | | | | | | | | | | | 26 | |
| 28 | 64.7 | | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 62.6 | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 60.6 | | | | 55.5 | | | | | | | | | | | | | | | | 32 | |
| 34 | 58.5 | | | | 54.3 | | | | | | | | | | | | | | | | 34 | |
| 36 | 56.4 | | | | 53.1 | | | | 50.1 | | | | | | | | | | | | 36 | |
| 38 | 54.5 | | | | 51.9 | | | | 49.2 | | | | | | | | | | | | 38 | |
| 40 | 52.9 | | | | 50.7 | | | | 48.2 | | | | | 44.6 | | | | | | | 40 | |
| 45 | 49.4 | | | | 47.7 | | | | 45.8 | | | | | 42.7 | | | | | 38.8 | | 45 | |
| 50 | 46 | | | | 45.2 | | | | 43.3 | | | | | 40.9 | | | | 37.4 | | | 50 | |
| 55 | 42.5 | 37.6 | | | 43 | | | | 41.4 | | | | | 39.1 | | | | 36 | | | 55 | |
| 60 | 39.5 | 35.3 | | | 40.7 | 33.8 | | | 39.6 | | | | | 37.4 | | | | 34.6 | | | 60 | |
| 65 | 37.3 | 33.2 | | | 38.5 | 32.3 | | | 37.8 | 31.3 | | | | 36 | | | | 33.3 | | | 65 | |
| 70 | 35.2 | 31.5 | | | 36.5 | 30.8 | | | 36 | 30.2 | | | | 34.6 | 29.7 | | | 32.2 | | | 70 | |
| 75 | 33.1 | 29.8 | | | 35 | 29.5 | | | 34.3 | 29.4 | | | | 33.1 | 28.7 | | | 31.1 | 27.1 | | 75 | |
| 80 | 30.9 | 28.1 | 25.9 | | 33.4 | 28.3 | | | 32.9 | 28.4 | | | | 31.7 | 27.7 | | | 30 | 26.3 | | 80 | |
| 85 | 29.1 | 26.6 | 24.5 | | 31.9 | 27.1 | 24.1 | | 31.6 | 27.4 | | | | 30.5 | 26.7 | | | 28.9 | 25.4 | | 85 | |
| 90 | 27.6 | 25.3 | 23.2 | | 30.4 | 25.9 | 23.2 | | 30.4 | 26.3 | 22.8 | | | 29.4 | 25.8 | | | 27.8 | 24.6 | | 90 | |
| 95 | 26.2 | 23.9 | 22.1 | | 29 | 25 | 22.4 | | 29.1 | 25.3 | 22 | | | 28.4 | 24.9 | 21.5 | | 26.9 | 23.9 | | 95 | |
| 100 | 24.8 | 22.6 | 20.9 | | 27.7 | 24 | 21.6 | | 27.8 | 24.4 | 21.3 | | | 27.4 | 24 | 20.8 | | 26.1 | 23.1 | 20.1 | 100 | |
| 105 | 23.5 | 21.4 | 19.7 | | 26.7 | 23.1 | 20.8 | | 26.6 | 23.6 | 20.6 | | | 26.3 | 23.3 | 20.2 | | 25.3 | 22.4 | 19.5 | 105 | |
| 110 | 22.1 | 20.3 | 18.8 | | 25.7 | 22.1 | 20.1 | | 25.7 | 22.8 | 20 | | | 25.3 | 22.6 | 19.6 | | 24.5 | 21.7 | 19 | 110 | |
| 115 | 20.7 | 19.3 | 17.9 | 14.6 | 24.7 | 21.3 | 19.3 | | 24.8 | 22 | 19.3 | | | 24.4 | 21.9 | 19 | | 23.7 | 21.1 | 18.5 | 115 | |
| 120 | 19.6 | 18.4 | 17 | 14 | 23.7 | 20.6 | 18.5 | | 24 | 21.2 | 18.7 | | | 23.6 | 21.2 | 18.4 | | 22.9 | 20.5 | 18 | 120 | |
| 125 | 18.6 | 17.4 | 16.1 | 13.4 | 22.7 | 19.8 | 17.8 | 13.6 | 23.1 | 20.5 | 18 | 13.6 | | 22.9 | 20.5 | 17.9 | | 22.1 | 20 | 17.5 | 125 | |
| 130 | 17.7 | 16.5 | 15.4 | 12.8 | 21.7 | 19.1 | 17.2 | 13.2 | 22.3 | 19.9 | 17.4 | 13.1 | | 22.2 | 19.8 | 17.3 | 13 | 21.4 | 19.4 | 17 | 130 | |
| 135 | 16.8 | 15.5 | 14.7 | 12.2 | 20.8 | 18.3 | 16.5 | 12.7 | 21.4 | 19.2 | 16.8 | 12.7 | | 21.5 | 19.2 | 16.8 | 12.6 | 20.9 | 18.8 | 16.5 | 12.4 | 135 |
| 140 | 15.9 | 14.7 | 14.1 | 11.7 | 20 | 17.6 | 15.9 | 12.3 | 20.6 | 18.6 | 16.3 | 12.3 | | 20.8 | 18.7 | 16.3 | 12.2 | 20.3 | 18.3 | 16.1 | 12 | 140 |
| 145 | 14.9 | 14.1 | 13.4 | 11.2 | 19.3 | 16.9 | 15.3 | 11.9 | 19.8 | 17.9 | 15.7 | 11.9 | | 20.1 | 18.1 | 15.8 | 11.9 | 19.7 | 17.8 | 15.6 | 11.7 | 145 |
| 150 | 14.1 | 13.5 | 12.8 | 10.8 | 18.6 | 16.3 | 14.7 | 11.5 | 19.1 | 17.3 | 15.2 | 11.6 | | 19.4 | 17.6 | 15.3 | 11.6 | 19.1 | 17.3 | 15.1 | 11.4 | 150 |
| 155 | 13.4 | 12.8 | 12.2 | 10.4 | 17.8 | 15.7 | 14.2 | 11.2 | 18.4 | 16.6 | 14.6 | 11.3 | | 18.7 | 17 | 14.8 | 11.2 | 18.6 | 16.9 | 14.7 | 11.1 | 155 |
| 160 | 12.8 | 12.2 | 11.7 | 10 | 17.1 | 15.1 | 13.8 | 10.8 | 17.8 | 16.1 | 14.2 | 11 | | 18 | 16.5 | 14.4 | 10.9 | 18 | 16.4 | 14.3 | 10.8 | 160 |
| 165 | 12.2 | 11.6 | 11.3 | 9.7 | 16.4 | 14.5 | 13.3 | 10.5 | 17.2 | 15.6 | 13.7 | 10.6 | | 17.5 | 16 | 13.9 | 10.7 | 17.4 | 15.9 | 13.9 | 10.5 | 165 |
| 170 | 11.6 | 11.1 | 10.8 | 9.4 | 15.7 | 13.9 | 12.9 | 10.2 | 16.5 | 15.1 | 13.3 | 10.4 | | 16.9 | 15.5 | 13.5 | 10.4 | 16.9 | 15.5 | 13.5 | 10.3 | 170 |
| 175 | 11 | 10.7 | 10.4 | 9.1 | 15.1 | 13.3 | 12.4 | 9.9 | 15.9 | 14.5 | 12.9 | 10.1 | | 16.4 | 15 | 13.1 | 10.1 | 16.4 | 15 | 13.1 | 10.1 | 175 |
| 180 | 10.5 | 10.3 | 10 | 9 | 14.5 | 12.9 | 12 | 9.7 | 15.3 | 14 | 12.5 | 9.8 | | 15.9 | 14.5 | 12.7 | 9.9 | 15.9 | 14.6 | 12.8 | 9.9 | 180 |
| 185 | 10.1 | 9.9 | 9.8 | 8.8 | 14 | 12.5 | 11.7 | 9.5 | 14.7 | 13.5 | 12.1 | 9.6 | | 15.4 | 14.1 | 12.4 | 9.7 | 15.4 | 14.2 | 12.4 | 9.7 | 185 |
| 190 | 9.7 | 9.5 | 9.5 | 8.8 | 13.4 | 12 | 11.3 | 9.3 | 14.2 | 13.1 | 11.7 | 9.4 | | 14.8 | 13.6 | 12 | 9.5 | 15 | 13.8 | 12.1 | 9.5 | 190 |
| 195 | 9.3 | 9.3 | 9.3 | 8.8 | 12.9 | 11.6 | 10.9 | 9.1 | 13.7 | 12.7 | 11.4 | 9.3 | | 14.3 | 13.2 | 11.7 | 9.3 | 14.6 | 13.4 | 11.8 | 9.4 | 195 |
| 200 | 9.1 | 9.1 | 9.3 | | 12.4 | 11.2 | 10.6 | 9 | 13.3 | 12.3 | 11.1 | 9.1 | | 13.8 | 12.7 | 11.4 | 9.2 | 14.1 | 13 | 11.5 | 9.2 | 200 |
| 205 | | | | | 11.8 | 10.8 | 10.3 | 8.8 | 12.8 | 11.9 | 10.8 | 9 | | 13.4 | 12.4 | 11.1 | 9 | 13.7 | 12.6 | 11.2 | 9.1 | 205 |
| 210 | | | | | 11.4 | 10.5 | 10.1 | 8.7 | 12.4 | 11.5 | 10.5 | 8.8 | | 13 | 12 | 10.8 | 8.9 | 13.2 | 12.3 | 11 | 8.9 | 210 |
| 215 | | | | | 11.1 | 10.2 | 9.8 | 8.6 | 11.9 | 11.2 | 10.2 | 8.7 | | 12.6 | 11.7 | 10.6 | 8.8 | 12.8 | 11.9 | 10.7 | 8.8 | 215 |
| 220 | | | | | 10.7 | 9.9 | 9.6 | | 11.4 | 10.8 | 10 | 8.6 | | 12.2 | 11.4 | 10.3 | 8.7 | 12.4 | 11.6 | 10.5 | 8.7 | 220 |
| 225 | | | | | 10.3 | 9.6 | 9.4 | | 11.1 | 10.5 | 9.8 | 8.5 | | 11.8 | 11.1 | 10 | 8.6 | 11.9 | 11.3 | 10.3 | 8.6 | 225 |
| 230 | | | | | 9.9 | 9.4 | 9.3 | | 10.7 | 10.3 | 9.6 | | | 11.4 | 10.7 | 9.8 | 8.5 | 11.5 | 11.1 | 10.1 | 8.5 | 230 |
| 235 | | | | | 9.6 | 9.2 | 9.1 | | 10.4 | 10 | 9.4 | | | 11 | 10.4 | 9.7 | 8.4 | 11.1 | 10.8 | 9.9 | 8.5 | 235 |
| 240 | | | | | 9.4 | 9.1 | | | 10.1 | 9.8 | 9.2 | | | 10.6 | 10.2 | 9.5 | 8.4 | 10.7 | 10.5 | 9.7 | 8.4 | 240 |
| 245 | | | | | 9.2 | 8.9 | | | 9.8 | 9.5 | 9.1 | | | 10.4 | 10 | 9.4 | | 10.3 | 10.3 | 9.5 | 8.3 | 245 |
| 250 | | | | | 9 | | | | 9.5 | 9.4 | 9 | | | 10.1 | 9.8 | 9.2 | | 9.9 | 10 | 9.3 | 8.3 | 250 |
| 255 | | | | | | | | | 9.3 | 9.2 | 9 | | | 9.9 | 9.6 | 9.1 | | 9.4 | 9.7 | 9.2 | | 255 |
| 260 | | | | | | | | | 9.1 | 9.1 | | | | 9.6 | 9.4 | 9 | | 9.1 | 9.3 | 9 | | 260 |
| 265 | | | | | | | | | 9 | | | | | 9.4 | 9.2 | 9 | | 8.7 | 9 | 8.9 | | 265 |
| 270 | | | | | | | | | 8.8 | | | | | 9.1 | 9.1 | 8.9 | | 8.4 | 8.7 | 8.7 | | 270 |
| 275 | | | | | | | | | | | | | | 9 | 9 | | | 8 | 8.3 | 8.4 | | 275 |
| 280 | | | | | | | | | | | | | | 8.9 | 8.9 | | | 7.7 | 8 | 8.1 | | 280 |
| 285 | | | | | | | | | | | | | | 8.8 | | | | 7.3 | 7.7 | 7.7 | | 285 |
| 290 | | | | | | | | | | | | | | | | | | 7 | 7.4 | | | 290 |
| 295 | | | | | | | | | | | | | | | | | | 6.7 | 7 | | | 295 |
| 300 | | | | | | | | | | | | | | | | | | 6.4 | | | | 300 |
| 305 | | | | | | | | | | | | | | | | | | 6.1 | | | | 305 |

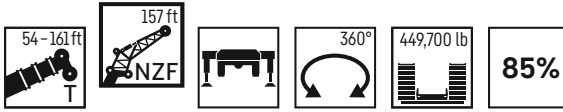
* adapter - pièce d'adaptateur

maxt_198_203_01101_00_000

Lifting capacities

Forces de levage

TNZF 157 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|-----|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 28 | 59.6 | | | | | | | | | | | | | | | | | | | | 28 |
| 30 | 57.8 | | | | | | | | | | | | | | | | | | | | 30 |
| 32 | 56.1 | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 54.3 | | | | 48.9 | | | | | | | | | | | | | | | | 34 |
| 36 | 52.5 | | | | 47.9 | | | | | | | | | | | | | | | | 36 |
| 38 | 50.7 | | | | 46.8 | | | | 44.2 | | | | | | | | | | | | 38 |
| 40 | 49 | | | | 45.8 | | | | 43.3 | | | | 40 | | | | | | | | 40 |
| 45 | 45.7 | | | | 43.2 | | | | 41.2 | | | | 38.3 | | | | 34.6 | | | | 45 |
| 50 | 42.8 | | | | 40.7 | | | | 39.1 | | | | 36.7 | | | | 33.4 | | | | 50 |
| 55 | 39.9 | | | | 38.8 | | | | 37.2 | | | | 35 | | | | 32.1 | | | | 55 |
| 60 | 36.9 | 32.5 | | | 36.9 | | | | 35.6 | | | | 33.5 | | | | 30.9 | | | | 60 |
| 65 | 34.6 | 30.5 | | | 35 | 30 | | | 34.1 | | | | 32.2 | | | | 29.7 | | | | 65 |
| 70 | 32.8 | 28.7 | | | 33.1 | 28.7 | | | 32.5 | 27.9 | | | 31 | | | | 28.7 | | | | 70 |
| 75 | 30.9 | 27.3 | | | 31.5 | 27.4 | | | 30.9 | 26.8 | | | 29.7 | 25.7 | | | 27.7 | | | | 75 |
| 80 | 29.1 | 25.8 | | | 30.2 | 26.3 | | | 29.5 | 25.7 | | | 28.5 | 24.7 | | | 26.7 | 23.3 | | | 80 |
| 85 | 27.2 | 24.4 | 22.4 | | 28.9 | 25.2 | | | 28.4 | 24.7 | | | 27.2 | 23.8 | | | 25.8 | 22.6 | | | 85 |
| 90 | 25.6 | 23 | 21.3 | | 27.5 | 24.1 | 20.8 | | 27.2 | 23.8 | | | 26.2 | 23 | | | 24.8 | 21.8 | | | 90 |
| 95 | 24.3 | 21.9 | 20.1 | | 26.2 | 23.1 | 20 | | 26.1 | 22.8 | 19.6 | | 25.3 | 22.2 | | | 23.9 | 21.1 | | | 95 |
| 100 | 23.1 | 20.7 | 19.1 | | 25 | 22.3 | 19.2 | | 25 | 21.9 | 18.9 | | 24.4 | 21.4 | 18.4 | | 23.1 | 20.5 | | | 100 |
| 105 | 21.9 | 19.6 | 18.1 | | 23.9 | 21.4 | 18.6 | | 23.9 | 21.2 | 18.3 | | 23.5 | 20.6 | 17.8 | | 22.4 | 19.8 | 17.1 | | 105 |
| 110 | 20.7 | 18.5 | 17 | | 23 | 20.6 | 17.9 | | 22.8 | 20.4 | 17.7 | | 22.6 | 19.9 | 17.2 | | 21.7 | 19.2 | 16.6 | | 110 |
| 115 | 19.5 | 17.4 | 16.2 | | 22.1 | 19.7 | 17.2 | | 22 | 19.7 | 17.1 | | 21.7 | 19.3 | 16.7 | | 21 | 18.6 | 16.1 | | 115 |
| 120 | 18.3 | 16.6 | 15.4 | | 21.3 | 18.9 | 16.5 | | 21.3 | 19 | 16.5 | | 20.9 | 18.7 | 16.2 | | 20.2 | 18 | 15.7 | | 120 |
| 125 | 17.2 | 15.8 | 14.6 | 11.8 | 20.4 | 18.3 | 15.8 | | 20.6 | 18.2 | 15.9 | | 20.2 | 18.1 | 15.7 | | 19.5 | 17.5 | 15.2 | | 125 |
| 130 | 16.3 | 14.9 | 13.8 | 11.3 | 19.5 | 17.6 | 15.2 | 11.4 | 19.8 | 17.6 | 15.3 | | 19.6 | 17.5 | 15.2 | | 18.9 | 17 | 14.8 | | 130 |
| 135 | 15.5 | 14.1 | 13.1 | 10.7 | 18.6 | 16.9 | 14.5 | 10.9 | 19.1 | 17.1 | 14.8 | 10.9 | 18.9 | 16.9 | 14.7 | | 18.2 | 16.5 | 14.4 | | 135 |
| 140 | 14.7 | 13.3 | 12.5 | 10.2 | 17.8 | 16.2 | 14 | 10.5 | 18.3 | 16.5 | 14.2 | 10.5 | 18.3 | 16.4 | 14.2 | 10.4 | 17.7 | 16 | 13.9 | | 140 |
| 145 | 13.9 | 12.4 | 11.9 | 9.7 | 17.1 | 15.5 | 13.5 | 10.2 | 17.6 | 15.9 | 13.7 | 10.2 | 17.7 | 15.9 | 13.7 | 10.1 | 17.2 | 15.5 | 13.5 | 9.9 | 145 |
| 150 | 13.1 | 11.9 | 11.3 | 9.3 | 16.4 | 14.9 | 12.9 | 9.8 | 16.9 | 15.3 | 13.2 | 9.8 | 17.1 | 15.4 | 13.3 | 9.8 | 16.7 | 15.1 | 13.1 | 9.6 | 150 |
| 155 | 12.3 | 11.4 | 10.8 | 9 | 15.8 | 14.3 | 12.4 | 9.5 | 16.2 | 14.7 | 12.7 | 9.5 | 16.5 | 14.9 | 12.8 | 9.5 | 16.2 | 14.6 | 12.7 | 9.3 | 155 |
| 160 | 11.6 | 10.8 | 10.2 | 8.7 | 15.1 | 13.8 | 11.9 | 9.2 | 15.6 | 14.2 | 12.3 | 9.3 | 15.8 | 14.4 | 12.4 | 9.2 | 15.7 | 14.2 | 12.3 | 9.1 | 160 |
| 165 | 11.1 | 10.3 | 9.7 | 8.4 | 14.5 | 13.2 | 11.5 | 9 | 15.1 | 13.7 | 11.8 | 9 | 15.2 | 13.9 | 12 | 9 | 15.2 | 13.8 | 11.9 | 8.9 | 165 |
| 170 | 10.6 | 9.8 | 9.4 | 8.1 | 13.9 | 12.7 | 11.1 | 8.7 | 14.5 | 13.2 | 11.4 | 8.8 | 14.7 | 13.4 | 11.6 | 8.8 | 14.7 | 13.4 | 11.6 | 8.7 | 170 |
| 175 | 10 | 9.2 | 9.1 | 7.8 | 13.2 | 12.1 | 10.6 | 8.5 | 14 | 12.7 | 11 | 8.6 | 14.3 | 13 | 11.2 | 8.6 | 14.2 | 13 | 11.2 | 8.5 | 175 |
| 180 | 9.5 | 8.9 | 8.7 | 7.6 | 12.7 | 11.6 | 10.2 | 8.3 | 13.4 | 12.3 | 10.7 | 8.3 | 13.8 | 12.5 | 10.8 | 8.4 | 13.7 | 12.6 | 10.9 | 8.3 | 180 |
| 185 | 9 | 8.6 | 8.4 | 7.4 | 12.2 | 11.2 | 9.9 | 8 | 12.9 | 11.8 | 10.3 | 8.2 | 13.3 | 12.1 | 10.5 | 8.2 | 13.3 | 12.2 | 10.5 | 8.2 | 185 |
| 190 | 8.6 | 8.3 | 8.1 | 7.2 | 11.7 | 10.8 | 9.6 | 7.9 | 12.3 | 11.3 | 10 | 8 | 12.8 | 11.7 | 10.2 | 8 | 12.9 | 11.8 | 10.2 | 8 | 190 |
| 195 | 8.3 | 8 | 7.9 | 7.1 | 11.2 | 10.4 | 9.3 | 7.7 | 11.8 | 10.9 | 9.6 | 7.8 | 12.4 | 11.3 | 9.9 | 7.9 | 12.5 | 11.5 | 9.9 | 7.8 | 195 |
| 200 | 8 | 7.7 | 7.7 | 7 | 10.8 | 10.1 | 9 | 7.5 | 11.4 | 10.6 | 9.4 | 7.6 | 11.9 | 10.9 | 9.6 | 7.7 | 12.1 | 11.1 | 9.7 | 7.7 | 200 |
| 205 | 7.7 | 7.5 | 7.5 | 7 | 10.3 | 9.7 | 8.8 | 7.3 | 11.1 | 10.2 | 9.1 | 7.5 | 11.4 | 10.5 | 9.3 | 7.5 | 11.7 | 10.8 | 9.5 | 7.6 | 205 |
| 210 | 7.4 | 7.3 | 7.4 | | 9.8 | 9.3 | 8.5 | 7.2 | 10.7 | 9.9 | 8.9 | 7.3 | 11 | 10.1 | 9.1 | 7.4 | 11.3 | 10.5 | 9.2 | 7.4 | 210 |
| 215 | 7.3 | | | | 9.4 | 9 | 8.3 | 7.1 | 10.3 | 9.6 | 8.7 | 7.2 | 10.7 | 9.9 | 8.9 | 7.3 | 10.9 | 10.1 | 9 | 7.3 | 215 |
| 220 | | | | | 9.1 | 8.8 | 8.1 | 7 | 9.9 | 9.3 | 8.5 | 7.1 | 10.4 | 9.6 | 8.7 | 7.2 | 10.5 | 9.8 | 8.8 | 7.2 | 220 |
| 225 | | | | | 8.8 | 8.5 | 8 | 6.9 | 9.5 | 9 | 8.3 | 7 | 10.1 | 9.4 | 8.5 | 7.1 | 10.1 | 9.5 | 8.6 | 7.1 | 225 |
| 230 | | | | | 8.6 | 8.3 | 7.8 | | 9.1 | 8.7 | 8.1 | 6.9 | 9.7 | 9.1 | 8.3 | 7 | 9.8 | 9.3 | 8.4 | 7 | 230 |
| 235 | | | | | 8.3 | 8.1 | 7.6 | | 8.8 | 8.5 | 7.9 | 6.8 | 9.4 | 8.9 | 8.1 | 6.9 | 9.5 | 9.1 | 8.3 | 6.9 | 235 |
| 240 | | | | | 8.1 | 7.8 | 7.5 | | 8.6 | 8.3 | 7.8 | 6.8 | 9.1 | 8.6 | 7.9 | 6.8 | 9.2 | 8.9 | 8.1 | 6.8 | 240 |
| 245 | | | | | 7.8 | 7.7 | 7.4 | | 8.4 | 8.1 | 7.6 | | 8.8 | 8.4 | 7.8 | 6.7 | 8.8 | 8.7 | 8 | 6.8 | 245 |
| 250 | | | | | 7.6 | 7.5 | 7.3 | | 8.1 | 7.9 | 7.4 | | 8.5 | 8.2 | 7.7 | 6.7 | 8.5 | 8.5 | 7.8 | 6.7 | 250 |
| 255 | | | | | 7.4 | 7.4 | | | 7.9 | 7.7 | 7.4 | | 8.3 | 8.1 | 7.6 | | 8.2 | 8.3 | 7.7 | 6.6 | 255 |
| 260 | | | | | 7.2 | | | | 7.7 | 7.6 | 7.3 | | 8.1 | 7.9 | 7.4 | | 7.9 | 8.1 | 7.5 | 6.6 | 260 |
| 265 | | | | | | | | | 7.5 | 7.4 | 7.2 | | 7.9 | 7.7 | 7.3 | | 7.6 | 7.8 | 7.4 | | 265 |
| 270 | | | | | | | | | 7.3 | 7.3 | | | 7.7 | 7.6 | 7.2 | | 7.2 | 7.5 | 7.3 | | 270 |
| 275 | | | | | | | | | 7.2 | 7.2 | | | 7.6 | 7.4 | 7.2 | | 6.9 | 7.2 | 7.2 | | 275 |
| 280 | | | | | | | | | 7.1 | | | | 7.4 | 7.3 | 7.1 | | 6.6 | 6.9 | 7.1 | | 280 |
| 285 | | | | | | | | | | | | | 7.2 | 7.2 | | | 6.2 | 6.6 | 6.8 | | 285 |
| 290 | | | | | | | | | | | | | 7.1 | 7.1 | | | 5.9 | 6.3 | 6.5 | | 290 |
| 295 | | | | | | | | | | | | | 7 | | | | 5.6 | 6 | 6.1 | | 295 |
| 300 | | | | | | | | | | | | | | | | | 5.3 | 5.7 | | | 300 |
| 305 | | | | | | | | | | | | | | | | | 5 | 5.4 | | | 305 |
| 310 | | | | | | | | | | | | | | | | | 4.7 | | | | 310 |
| 315 | | | | | | | | | | | | | | | | | 4.4 | | | | 315 |

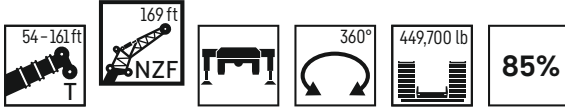
* adapter - pièce d'adaptateur

maxt_198_203_01201_00_000

Lifting capacities

Forces de levage

TNZF 169 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|---------------|------|------|------|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|------|----------------|------|------|-----|--|
| | TNZF 169 ft | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 28 | 54 | | | | | | | | | | | | | | | | | | | 28 | |
| 30 | 52.5 | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 51 | | | | | | | | | | | | | | | | | | | 32 | |
| 34 | 49.6 | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 48.1 | | | | 43.2 | | | | | | | | | | | | | | | 36 | |
| 38 | 46.6 | | | | 42.3 | | | | 39.9 | | | | | | | | | | | 38 | |
| 40 | 45.2 | | | | 41.4 | | | | 39.1 | | | | | | | | | | | 40 | |
| 45 | 41.9 | | | | 39.2 | | | | 37.3 | | | | | 34.5 | | | | 31.2 | | 45 | |
| 50 | 39.4 | | | | 37 | | | | 35.5 | | | | | 33.1 | | | | 30.4 | | 50 | |
| 55 | 36.9 | | | | 35.2 | | | | 33.7 | | | | | 31.7 | | | | 29.4 | | 55 | |
| 60 | 34.4 | 30.8 | | | 33.6 | | | | 32.3 | | | | | 30.3 | | | | 28.5 | | 60 | |
| 65 | 32 | 29.2 | | | 32 | | | | 30.9 | | | | | 29.1 | | | | 27.6 | | 65 | |
| 70 | 30.3 | 27.5 | | | 30.3 | 26.3 | | | 29.5 | | | | | 28 | | | | 26.7 | | 70 | |
| 75 | 28.7 | 25.9 | | | 28.7 | 25.1 | | | 28.2 | 24.4 | | | | 26.9 | | | | 25.8 | | 75 | |
| 80 | 27.1 | 24.7 | | | 27.5 | 24 | | | 26.8 | 23.4 | | | | 25.8 | 22.4 | | | 24.9 | | 80 | |
| 85 | 25.5 | 23.4 | | | 26.3 | 23 | | | 25.7 | 22.5 | | | | 24.7 | 21.6 | | | 24.1 | 20.4 | 85 | |
| 90 | 24 | 22.1 | 19.8 | | 25.2 | 22.1 | | | 24.7 | 21.6 | | | | 23.6 | 20.8 | | | 23.2 | 19.7 | 90 | |
| 95 | 22.5 | 20.9 | 18.8 | | 24 | 21.2 | | | 23.8 | 20.8 | | | | 22.9 | 20.1 | | | 22.3 | 19 | 95 | |
| 100 | 21.4 | 19.9 | 17.8 | | 22.9 | 20.3 | 17.5 | | 22.8 | 20 | 17.2 | | | 22.1 | 19.4 | | | 21.6 | 18.4 | 100 | |
| 105 | 20.4 | 18.8 | 16.8 | | 21.8 | 19.5 | 16.9 | | 21.8 | 19.2 | 16.6 | | | 21.3 | 18.7 | 16.1 | | 20.9 | 17.9 | 105 | |
| 110 | 19.3 | 17.8 | 15.9 | | 20.9 | 18.8 | 16.3 | | 20.9 | 18.5 | 16 | | | 20.5 | 18 | 15.5 | | 20.3 | 17.3 | 110 | |
| 115 | 18.3 | 16.8 | 15 | | 20.1 | 18 | 15.7 | | 19.9 | 17.9 | 15.5 | | | 19.7 | 17.4 | 15 | | 19.6 | 16.8 | 115 | |
| 120 | 17.2 | 15.9 | 14.2 | | 19.4 | 17.3 | 15.1 | | 19.3 | 17.3 | 14.9 | | | 18.9 | 16.9 | 14.6 | | 19 | 16.2 | 120 | |
| 125 | 16.2 | 15.1 | 13.5 | | 18.6 | 16.6 | 14.5 | | 18.6 | 16.6 | 14.4 | | | 18.2 | 16.3 | 14.1 | | 18.4 | 15.7 | 125 | |
| 130 | 15.1 | 14.4 | 12.8 | 10.3 | 17.8 | 16 | 13.9 | | 18 | 16 | 13.9 | | | 17.6 | 15.8 | 13.7 | | 17.7 | 15.3 | 130 | |
| 135 | 14.3 | 13.6 | 12.1 | 9.9 | 17.1 | 15.4 | 13.3 | | 17.3 | 15.4 | 13.4 | | | 17 | 15.2 | 13.2 | | 17.2 | 14.8 | 135 | |
| 140 | 13.6 | 12.9 | 11.4 | 9.4 | 16.3 | 14.8 | 12.7 | 9.5 | 16.7 | 14.9 | 12.8 | | | 16.5 | 14.7 | 12.7 | | 16.6 | 14.4 | 140 | |
| 145 | 12.9 | 12.1 | 10.8 | 9 | 15.6 | 14.2 | 12.2 | 9.2 | 16 | 14.4 | 12.3 | 9.2 | | 15.9 | 14.3 | 12.3 | | 16.1 | 13.9 | 145 | |
| 150 | 12.2 | 11.4 | 10.4 | 8.6 | 14.9 | 13.6 | 11.7 | 8.9 | 15.3 | 13.9 | 11.9 | 8.9 | | 15.4 | 13.8 | 11.8 | 8.8 | 15.7 | 13.5 | 150 | |
| 155 | 11.5 | 10.8 | 10 | 8.3 | 14.3 | 13 | 11.2 | 8.6 | 14.7 | 13.4 | 11.4 | 8.6 | | 14.8 | 13.4 | 11.4 | 8.5 | 15.2 | 13.1 | 155 | |
| 160 | 10.8 | 10.3 | 9.5 | 8 | 13.7 | 12.4 | 10.7 | 8.4 | 14.1 | 12.8 | 11 | 8.4 | | 14.3 | 12.9 | 11 | 8.3 | 14.8 | 12.7 | 160 | |
| 165 | 10.1 | 9.8 | 9.1 | 7.7 | 13.2 | 12 | 10.3 | 8.1 | 13.6 | 12.3 | 10.6 | 8.1 | | 13.8 | 12.5 | 10.7 | 8.1 | 14.3 | 12.3 | 165 | |
| 170 | 9.6 | 9.4 | 8.6 | 7.4 | 12.6 | 11.5 | 9.9 | 7.8 | 13.1 | 11.9 | 10.2 | 7.9 | | 13.2 | 12 | 10.3 | 7.9 | 13.8 | 11.9 | 170 | |
| 175 | 9.2 | 9 | 8.3 | 7.1 | 12 | 11 | 9.6 | 7.6 | 12.6 | 11.4 | 9.8 | 7.7 | | 12.8 | 11.6 | 10 | 7.7 | 13.4 | 11.5 | 175 | |
| 180 | 8.8 | 8.5 | 8 | 6.9 | 11.5 | 10.5 | 9.2 | 7.4 | 12.1 | 11 | 9.5 | 7.4 | | 12.3 | 11.2 | 9.7 | 7.5 | 12.9 | 11.2 | 180 | |
| 185 | 8.4 | 8.1 | 7.7 | 6.7 | 10.9 | 10.1 | 8.9 | 7.2 | 11.6 | 10.7 | 9.2 | 7.2 | | 11.9 | 10.8 | 9.3 | 7.3 | 12.5 | 10.8 | 185 | |
| 190 | 8 | 7.8 | 7.4 | 6.5 | 10.5 | 9.6 | 8.6 | 7 | 11.1 | 10.2 | 8.9 | 7.1 | | 11.5 | 10.5 | 9 | 7.1 | 12.1 | 10.4 | 190 | |
| 195 | 7.6 | 7.5 | 7.1 | 6.2 | 10.1 | 9.3 | 8.3 | 6.8 | 10.6 | 9.8 | 8.6 | 6.9 | | 11.1 | 10.2 | 8.8 | 6.9 | 11.7 | 10 | 195 | |
| 200 | 7.3 | 7.2 | 6.8 | 6.1 | 9.7 | 9 | 8.1 | 6.6 | 10.2 | 9.5 | 8.4 | 6.7 | | 10.7 | 9.8 | 8.6 | 6.8 | 11.4 | 9.8 | 200 | |
| 205 | 7 | 7 | 6.6 | 5.9 | 9.4 | 8.7 | 7.9 | 6.5 | 9.8 | 9.1 | 8.1 | 6.6 | | 10.3 | 9.5 | 8.4 | 6.6 | 11 | 9.5 | 205 | |
| 210 | 6.7 | 6.7 | 6.5 | 5.8 | 9 | 8.4 | 7.7 | 6.3 | 9.5 | 8.8 | 7.9 | 6.4 | | 9.9 | 9.2 | 8.1 | 6.5 | 10.7 | 9.3 | 210 | |
| 215 | 6.5 | 6.5 | 6.3 | 5.8 | 8.7 | 8.2 | 7.4 | 6.2 | 9.2 | 8.6 | 7.7 | 6.3 | | 9.5 | 8.9 | 7.9 | 6.3 | 10.3 | 9 | 215 | |
| 220 | 6.2 | 6.3 | 6.2 | | 8.3 | 7.9 | 7.2 | 6.1 | 8.9 | 8.3 | 7.5 | 6.2 | | 9.2 | 8.6 | 7.7 | 6.2 | 10 | 8.8 | 220 | |
| 225 | 6.1 | 6.2 | | | 8 | 7.6 | 7.1 | 5.9 | 8.6 | 8.1 | 7.3 | 6 | | 8.9 | 8.4 | 7.5 | 6.1 | 9.6 | 8.5 | 225 | |
| 230 | | | | | 7.7 | 7.4 | 6.9 | 5.8 | 8.3 | 7.8 | 7.1 | 5.9 | | 8.6 | 8.2 | 7.3 | 6 | 9.3 | 8.3 | 230 | |
| 235 | | | | | 7.5 | 7.2 | 6.7 | 5.7 | 8 | 7.6 | 7 | 5.8 | | 8.4 | 7.9 | 7.2 | 5.9 | 8.9 | 8.1 | 235 | |
| 240 | | | | | 7.2 | 7 | 6.5 | | 7.7 | 7.4 | 6.8 | 5.7 | | 8.1 | 7.7 | 7 | 5.8 | 8.7 | 7.9 | 240 | |
| 245 | | | | | 7 | 6.8 | 6.4 | | 7.4 | 7.2 | 6.7 | 5.7 | | 7.9 | 7.5 | 6.8 | 5.7 | 8.4 | 7.7 | 245 | |
| 250 | | | | | 6.8 | 6.6 | 6.3 | | 7.2 | 7 | 6.5 | 5.6 | | 7.6 | 7.3 | 6.7 | 5.6 | 8.1 | 7.5 | 250 | |
| 255 | | | | | 6.5 | 6.4 | 6.2 | | 7 | 6.8 | 6.4 | | | 7.4 | 7.1 | 6.5 | 5.6 | 7.9 | 7.3 | 255 | |
| 260 | | | | | 6.3 | 6.3 | 6 | | 6.8 | 6.7 | 6.2 | | | 7.2 | 6.9 | 6.4 | 5.5 | 7.6 | 7.1 | 260 | |
| 265 | | | | | 6.2 | 6.1 | | | 6.6 | 6.5 | 6.2 | | | 7 | 6.8 | 6.3 | | 7.3 | 7 | 265 | |
| 270 | | | | | 6 | 6 | | | 6.4 | 6.3 | 6.1 | | | 6.8 | 6.6 | 6.2 | | 7 | 6.8 | 270 | |
| 275 | | | | | 5.9 | | | | 6.2 | 6.2 | 6 | | | 6.6 | 6.5 | 6.1 | | 6.8 | 6.6 | 275 | |
| 280 | | | | | | | | | 6.1 | 6.1 | | | | 6.5 | 6.3 | 6 | | 6.5 | 6.3 | 280 | |
| 285 | | | | | | | | | 6 | 6 | | | | 6.3 | 6.2 | 6 | | 6.2 | 6.1 | 285 | |
| 290 | | | | | | | | | 5.8 | | | | | 6.1 | 6.1 | 5.9 | | 5.8 | 5.8 | 290 | |
| 295 | | | | | | | | | | | | | | 6 | 6 | | | 5.5 | 5.6 | 295 | |
| 300 | | | | | | | | | | | | | | 5.9 | 5.9 | | | 5.2 | 5.3 | 300 | |
| 305 | | | | | | | | | | | | | | 5.8 | | | | 4.9 | 5 | 305 | |
| 310 | | | | | | | | | | | | | | 5.7 | | | | 4.6 | 4.8 | 310 | |
| 315 | | | | | | | | | | | | | | | | | | 4.3 | 4.5 | 315 | |
| 320 | | | | | | | | | | | | | | | | | | 4.1 | 4.2 | 320 | |
| 325 | | | | | | | | | | | | | | | | | | 3.8 | | 325 | |

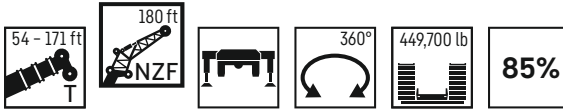
* adapter - pièce d'adaptateur

max1_198_203_01301_00_000

Lifting capacities

Forces de levage

TNZF 180 ft



| | 54 ft + 9 ft* | | | | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | | |
|-----|---------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | | |
| 30 | 47.8 | | | | | | | | | | | | | | | | | | | | 30 | |
| 32 | 46.5 | | | | | | | | | | | | | | | | | | | | | 32 |
| 34 | 45.3 | | | | | | | | | | | | | | | | | | | | | 34 |
| 36 | 44 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 42.8 | | | | 38.2 | | | | | | | | | | | | | | | | | 38 |
| 40 | 41.5 | | | | 37.4 | | | | 35.1 | | | | | | | | | | | | | 40 |
| 45 | 38.5 | | | | 35.5 | | | | 33.6 | | | | 30.8 | | | | | | | | | 45 |
| 50 | 36 | | | | 33.6 | | | | 32 | | | | 29.8 | | | | 27.6 | | | | | 50 |
| 55 | 33.9 | | | | 31.8 | | | | 30.5 | | | | 28.9 | | | | 26.7 | | | | | 55 |
| 60 | 31.7 | | | | 30.3 | | | | 29.1 | | | | 27.9 | | | | 25.7 | | | | | 60 |
| 65 | 29.6 | 26.7 | | | 28.9 | | | | 27.8 | | | | 26.9 | | | | 24.7 | | | | | 65 |
| 70 | 27.6 | 25.2 | | | 27.5 | | | | 26.6 | | | | 25.9 | | | | 23.8 | | | | | 70 |
| 75 | 26.2 | 23.8 | | | 26 | 22.7 | | | 25.4 | 21.9 | | | 25 | | | | 23 | | | | | 75 |
| 80 | 24.8 | 22.4 | | | 24.7 | 21.7 | | | 24.2 | 21 | | | 24 | 20 | | | 22.2 | | | | | 80 |
| 85 | 23.4 | 21.3 | | | 23.7 | 20.7 | | | 23.1 | 20.2 | | | 23 | 19.3 | | | 21.5 | 18 | | | | 85 |
| 90 | 22 | 20.2 | | | 22.7 | 19.9 | | | 22.1 | 19.4 | | | 22 | 18.6 | | | 20.7 | 17.4 | | | | 90 |
| 95 | 20.7 | 19.1 | 17.1 | | 21.7 | 19 | | | 21.3 | 18.6 | | | 21.2 | 17.8 | | | 19.9 | 16.8 | | | | 95 |
| 100 | 19.4 | 18.1 | 16.2 | | 20.7 | 18.2 | | | 20.4 | 17.9 | | | 20.4 | 17.2 | | | 19.2 | 16.2 | | | | 100 |
| 105 | 18.4 | 17.2 | 15.3 | | 19.7 | 17.4 | 15 | | 19.5 | 17.2 | | | 19.7 | 16.6 | | | 18.5 | 15.7 | | | | 105 |
| 110 | 17.5 | 16.3 | 14.5 | | 18.7 | 16.7 | 14.4 | | 18.7 | 16.5 | 14.1 | | 19 | 16 | | | 17.9 | 15.2 | | | | 110 |
| 115 | 16.6 | 15.4 | 13.7 | | 17.9 | 16.1 | 13.8 | | 17.8 | 15.9 | 13.6 | | 18.3 | 15.4 | 13.1 | | 17.4 | 14.7 | | | | 115 |
| 120 | 15.7 | 14.5 | 12.9 | | 17.3 | 15.4 | 13.3 | | 17 | 15.3 | 13.1 | | 17.5 | 14.8 | 12.7 | | 16.8 | 14.2 | 12.1 | | | 120 |
| 125 | 14.8 | 13.6 | 12.1 | | 16.6 | 14.8 | 12.8 | | 16.4 | 14.7 | 12.6 | | 16.8 | 14.3 | 12.3 | | 16.2 | 13.7 | 11.7 | | | 125 |
| 130 | 13.9 | 12.9 | 11.5 | | 15.9 | 14.1 | 12.2 | | 15.8 | 14.1 | 12.2 | | 16.2 | 13.9 | 11.9 | | 15.6 | 13.3 | 11.4 | | | 130 |
| 135 | 13 | 12.3 | 10.9 | | 15.2 | 13.6 | 11.7 | | 15.3 | 13.6 | 11.7 | | 15.6 | 13.4 | 11.4 | | 15.1 | 12.9 | 11 | | | 135 |
| 140 | 12.2 | 11.7 | 10.3 | 8.4 | 14.5 | 13 | 11.2 | | 14.7 | 13 | 11.2 | | 15.1 | 12.9 | 11 | | 14.5 | 12.5 | 10.7 | | | 140 |
| 145 | 11.6 | 11 | 9.7 | 8 | 13.9 | 12.5 | 10.6 | | 14.1 | 12.6 | 10.8 | | 14.6 | 12.4 | 10.7 | | 14 | 12.1 | 10.3 | | | 145 |
| 150 | 11 | 10.4 | 9.2 | 7.6 | 13.2 | 12 | 10.2 | 7.7 | 13.5 | 12.1 | 10.3 | | 14.1 | 12 | 10.3 | | 13.6 | 11.6 | 10 | | | 150 |
| 155 | 10.4 | 9.8 | 8.7 | 7.3 | 12.6 | 11.4 | 9.8 | 7.5 | 13 | 11.7 | 9.8 | 7.4 | 13.6 | 11.6 | 9.9 | | 13.2 | 11.3 | 9.7 | | | 155 |
| 160 | 9.9 | 9.1 | 8.4 | 7 | 12.1 | 10.9 | 9.4 | 7.1 | 12.4 | 11.2 | 9.5 | 7.1 | 13.1 | 11.2 | 9.5 | 7 | 12.8 | 10.9 | 9.4 | | | 160 |
| 165 | 9.3 | 8.7 | 8 | 6.6 | 11.6 | 10.4 | 9.1 | 6.8 | 11.9 | 10.7 | 9.2 | 6.8 | 12.6 | 10.8 | 9.2 | 6.7 | 12.4 | 10.6 | 9.1 | 6.5 | | 165 |
| 170 | 8.7 | 8.3 | 7.7 | 6.4 | 11.1 | 10 | 8.7 | 6.6 | 11.4 | 10.3 | 8.9 | 6.6 | 12.1 | 10.5 | 8.9 | 6.5 | 12 | 10.3 | 8.8 | 6.3 | | 170 |
| 175 | 8.2 | 7.9 | 7.3 | 6.1 | 10.6 | 9.6 | 8.3 | 6.3 | 11 | 9.8 | 8.6 | 6.3 | 11.7 | 10.1 | 8.6 | 6.3 | 11.6 | 10 | 8.5 | 6.1 | | 175 |
| 180 | 7.8 | 7.6 | 6.9 | | 10.1 | 9.3 | 8 | 6 | 10.6 | 9.5 | 8.3 | 6.1 | 11.2 | 9.7 | 8.4 | 6 | 11.2 | 9.6 | 8.3 | 5.9 | | 180 |
| 185 | 7.4 | 7.2 | 6.7 | | 9.7 | 8.9 | 7.8 | 5.8 | 10.2 | 9.2 | 8 | 5.9 | 10.9 | 9.4 | 8.1 | 5.8 | 10.8 | 9.3 | 8 | 5.7 | | 185 |
| 190 | 7.1 | 6.9 | 6.4 | | 9.2 | 8.5 | 7.5 | 5.5 | 9.8 | 8.9 | 7.7 | 5.7 | 10.5 | 9 | 7.8 | 5.6 | 10.4 | 9 | 7.8 | 5.5 | | 190 |
| 195 | 6.7 | 6.5 | 6.1 | | 8.8 | 8.2 | 7.2 | 5.3 | 9.4 | 8.6 | 7.5 | 5.5 | 10.1 | 8.7 | 7.6 | 5.4 | 10 | 8.7 | 7.6 | 5.4 | | 195 |
| 200 | 6.4 | 6.3 | 5.9 | | 8.4 | 7.8 | 7 | 5.1 | 9 | 8.3 | 7.2 | 5.3 | 9.8 | 8.5 | 7.3 | 5.3 | 9.7 | 8.4 | 7.4 | 5.2 | | 200 |
| 205 | | 6 | 5.6 | | 8.1 | 7.6 | 6.7 | 4.9 | 8.6 | 7.9 | 7 | 5.1 | 9.5 | 8.2 | 7.1 | 5.1 | 9.4 | 8.2 | 7.1 | 5.1 | | 205 |
| 210 | | 5.7 | | | 7.8 | 7.3 | 6.5 | 4.7 | 8.2 | 7.6 | 6.8 | 4.9 | 9.1 | 7.9 | 6.9 | 4.9 | 9.1 | 7.9 | 6.9 | 4.9 | | 210 |
| 215 | | 5.5 | | | 7.5 | 7.1 | 6.3 | 4.5 | 7.9 | 7.4 | 6.5 | 4.7 | 8.8 | 7.7 | 6.7 | 4.8 | 8.8 | 7.7 | 6.7 | 4.8 | | 215 |
| 220 | | | | | 7.2 | 6.8 | 6.1 | 4.4 | 7.7 | 7.1 | 6.3 | 4.6 | 8.4 | 7.4 | 6.5 | 4.6 | 8.5 | 7.5 | 6.6 | 4.6 | | 220 |
| 225 | | | | | 6.9 | 6.6 | 5.9 | 4.2 | 7.4 | 6.9 | 6.2 | 4.4 | 8.1 | 7.1 | 6.3 | 4.5 | 8.2 | 7.2 | 6.4 | 4.5 | | 225 |
| 230 | | | | | 6.6 | 6.3 | 5.7 | 4.1 | 7.1 | 6.7 | 6 | 4.3 | 7.8 | 6.9 | 6.1 | 4.3 | 8 | 7 | 6.2 | 4.4 | | 230 |
| 235 | | | | | 6.3 | 6.1 | 5.5 | 4 | 6.9 | 6.5 | 5.8 | 4.1 | 7.6 | 6.7 | 6 | 4.2 | 7.7 | 6.8 | 6 | 4.2 | | 235 |
| 240 | | | | | 6.1 | 5.9 | 5.4 | 3.9 | 6.6 | 6.3 | 5.6 | 4 | 7.4 | 6.5 | 5.8 | 4.1 | 7.4 | 6.6 | 5.8 | 4.1 | | 240 |
| 245 | | | | | 5.9 | 5.7 | 5.2 | 3.9 | 6.3 | 6 | 5.5 | 4 | 7.1 | 6.3 | 5.7 | 4 | 7.1 | 6.4 | 5.7 | 4 | | 245 |
| 250 | | | | | 5.7 | 5.5 | 5 | 3.8 | 6.1 | 5.8 | 5.3 | 3.9 | 6.9 | 6.1 | 5.5 | 4 | 6.9 | 6.2 | 5.5 | 3.9 | | 250 |
| 255 | | | | | 5.5 | 5.3 | 4.9 | | 5.8 | 5.7 | 5.2 | 3.8 | 6.6 | 5.9 | 5.4 | 3.9 | 6.6 | 6 | 5.4 | 3.8 | | 255 |
| 260 | | | | | 5.3 | 5.1 | 4.8 | | 5.7 | 5.5 | 5.1 | 3.8 | 6.4 | 5.7 | 5.2 | 3.8 | 6.4 | 5.8 | 5.3 | 3.8 | | 260 |
| 265 | | | | | 5 | 5 | 4.7 | | 5.5 | 5.3 | 4.9 | | 6.2 | 5.5 | 5.1 | 3.8 | 6.1 | 5.7 | 5.2 | | | 265 |
| 270 | | | | | 4.9 | 4.9 | 4.6 | | 5.3 | 5.2 | 4.8 | | 5.9 | 5.4 | 5 | 3.8 | 5.8 | 5.5 | 5 | | | 270 |
| 275 | | | | | 4.7 | 4.7 | | | 5.1 | 5 | 4.7 | | 5.7 | 5.2 | 4.8 | | 5.6 | 5.4 | 4.9 | | | 275 |
| 280 | | | | | 4.6 | 4.6 | | | 4.9 | 4.9 | 4.6 | | 5.6 | 5.1 | 4.7 | | 5.3 | 5.2 | 4.8 | | | 280 |
| 285 | | | | | 4.5 | | | | 4.7 | 4.8 | 4.6 | | 5.4 | 5 | 4.6 | | 5.1 | 5 | 4.7 | | | 285 |
| 290 | | | | | | | | | 4.6 | 4.7 | | | 5.2 | 4.8 | 4.5 | | 4.8 | 4.7 | 4.6 | | | 290 |
| 295 | | | | | | | | | 4.5 | 4.6 | | | 5 | 4.7 | 4.5 | | 4.5 | 4.5 | 4.5 | | | 295 |
| 300 | | | | | | | | | 4.4 | | | | 4.9 | 4.6 | 4.4 | | 4.2 | 4.2 | 4.4 | | | 300 |
| 305 | | | | | | | | | | | | | 4.7 | 4.5 | | | 3.9 | 3.9 | 4.3 | | | 305 |
| 310 | | | | | | | | | | | | | 4.6 | 4.4 | | | | | 3.9 | | | 310 |
| 315 | | | | | | | | | | | | | 4.5 | 4.4 | | | | | | | | 315 |
| 320 | | | | | | | | | | | | | 4.4 | | | | | | | | | 320 |

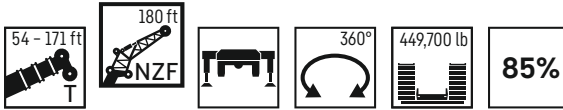
* adapter - pièce d'adaptateur

maxt_198_203_01401_00_000

Lifting capacities

Forces de levage

TNZF 180 ft



| | 164 ft + 9 ft* | | | | 167 ft + 9 ft* | | | | 171 ft + 9 ft* | | | | |
|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|-----|
| | TNZF 180 ft | | | | | | | | | | | | |
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 50 | 27 | | | | 26.5 | | | | 26.1 | | | | 50 |
| 55 | 26.1 | | | | 25.6 | | | | 25.3 | | | | 55 |
| 60 | 25.2 | | | | 24.7 | | | | 24.4 | | | | 60 |
| 65 | 24.3 | | | | 23.9 | | | | 23.6 | | | | 65 |
| 70 | 23.4 | | | | 23 | | | | 22.7 | | | | 70 |
| 75 | 22.6 | | | | 22.2 | | | | 22 | | | | 75 |
| 80 | 21.8 | | | | 21.5 | | | | 21.3 | | | | 80 |
| 85 | 21.1 | | | | 20.8 | | | | 20.6 | | | | 85 |
| 90 | 20.4 | 17.2 | | | 20.1 | 17 | | | 19.9 | 16.8 | | | 90 |
| 95 | 19.6 | 16.6 | | | 19.4 | 16.4 | | | 19.2 | 16.3 | | | 95 |
| 100 | 18.9 | 16.1 | | | 18.7 | 15.9 | | | 18.5 | 15.7 | | | 100 |
| 105 | 18.2 | 15.5 | | | 18 | 15.3 | | | 17.9 | 15.2 | | | 105 |
| 110 | 17.7 | 15 | | | 17.5 | 14.9 | | | 17.3 | 14.7 | | | 110 |
| 115 | 17.1 | 14.5 | | | 16.9 | 14.4 | | | 16.8 | 14.3 | | | 115 |
| 120 | 16.6 | 14.1 | 12 | | 16.4 | 13.9 | 11.9 | | 16.2 | 13.8 | 11.8 | | 120 |
| 125 | 16 | 13.6 | 11.6 | | 15.9 | 13.5 | 11.5 | | 15.7 | 13.4 | 11.4 | | 125 |
| 130 | 15.5 | 13.1 | 11.3 | | 15.3 | 13 | 11.2 | | 15.2 | 12.9 | 11.1 | | 130 |
| 135 | 14.9 | 12.7 | 10.9 | | 14.8 | 12.6 | 10.8 | | 14.7 | 12.5 | 10.7 | | 135 |
| 140 | 14.4 | 12.4 | 10.6 | | 14.3 | 12.2 | 10.5 | | 14.2 | 12.2 | 10.4 | | 140 |
| 145 | 13.9 | 12 | 10.2 | | 13.7 | 11.9 | 10.2 | | 13.7 | 11.8 | 10.1 | | 145 |
| 150 | 13.5 | 11.6 | 9.9 | | 13.3 | 11.5 | 9.8 | | 13.2 | 11.4 | 9.8 | | 150 |
| 155 | 13.1 | 11.2 | 9.6 | | 13 | 11.1 | 9.6 | | 12.9 | 11.1 | 9.5 | | 155 |
| 160 | 12.7 | 10.8 | 9.3 | | 12.6 | 10.8 | 9.3 | | 12.5 | 10.7 | 9.2 | | 160 |
| 165 | 12.3 | 10.5 | 9 | 6.5 | 12.2 | 10.4 | 9 | 6.4 | 12.2 | 10.4 | 9 | 6.4 | 165 |
| 170 | 11.9 | 10.2 | 8.8 | 6.3 | 11.8 | 10.1 | 8.7 | 6.2 | 11.8 | 10.1 | 8.7 | 6.2 | 170 |
| 175 | 11.5 | 9.9 | 8.5 | 6.1 | 11.5 | 9.8 | 8.4 | 6 | 11.4 | 9.8 | 8.4 | 6 | 175 |
| 180 | 11.1 | 9.6 | 8.2 | 5.9 | 11.1 | 9.6 | 8.2 | 5.8 | 11 | 9.5 | 8.2 | 5.8 | 180 |
| 185 | 10.7 | 9.3 | 8 | 5.7 | 10.7 | 9.3 | 8 | 5.7 | 10.7 | 9.2 | 8 | 5.6 | 185 |
| 190 | 10.3 | 9 | 7.8 | 5.5 | 10.3 | 9 | 7.8 | 5.5 | 10.3 | 8.9 | 7.7 | 5.5 | 190 |
| 195 | 10 | 8.7 | 7.6 | 5.3 | 10 | 8.7 | 7.5 | 5.3 | 9.9 | 8.6 | 7.5 | 5.3 | 195 |
| 200 | 9.6 | 8.4 | 7.4 | 5.2 | 9.6 | 8.4 | 7.3 | 5.2 | 9.6 | 8.4 | 7.3 | 5.1 | 200 |
| 205 | 9.4 | 8.1 | 7.1 | 5 | 9.2 | 8.1 | 7.1 | 5 | 9.2 | 8.1 | 7.1 | 5 | 205 |
| 210 | 9.1 | 7.9 | 6.9 | 4.9 | 8.9 | 7.9 | 6.9 | 4.9 | 8.9 | 7.8 | 6.9 | 4.9 | 210 |
| 215 | 8.8 | 7.7 | 6.7 | 4.7 | 8.6 | 7.6 | 6.7 | 4.7 | 8.6 | 7.6 | 6.7 | 4.7 | 215 |
| 220 | 8.5 | 7.5 | 6.5 | 4.6 | 8.2 | 7.4 | 6.5 | 4.6 | 8.2 | 7.4 | 6.5 | 4.6 | 220 |
| 225 | 8.3 | 7.2 | 6.4 | 4.5 | 7.9 | 7.2 | 6.3 | 4.5 | 7.9 | 7.2 | 6.3 | 4.4 | 225 |
| 230 | 8 | 7 | 6.2 | 4.3 | 7.6 | 7 | 6.2 | 4.3 | 7.6 | 7 | 6.2 | 4.3 | 230 |
| 235 | 7.7 | 6.8 | 6 | 4.2 | 7.2 | 6.8 | 6 | 4.2 | 7.2 | 6.8 | 6 | 4.2 | 235 |
| 240 | 7.4 | 6.6 | 5.8 | 4.1 | 6.9 | 6.6 | 5.8 | 4.1 | 6.9 | 6.6 | 5.8 | 4.1 | 240 |
| 245 | 7.2 | 6.4 | 5.7 | 4 | 6.6 | 6.4 | 5.7 | 4 | 6.6 | 6.4 | 5.7 | 4 | 245 |
| 250 | 6.9 | 6.2 | 5.5 | 3.9 | 6.2 | 6.1 | 5.5 | 3.9 | 6.3 | 6.2 | 5.5 | 3.9 | 250 |
| 255 | 6.6 | 6 | 5.4 | 3.9 | 5.9 | 5.9 | 5.4 | 3.9 | 5.8 | 5.9 | 5.4 | 3.8 | 255 |
| 260 | 6.2 | 5.8 | 5.3 | 3.8 | 5.6 | 5.6 | 5.2 | 3.8 | 5.4 | 5.6 | 5.2 | 3.8 | 260 |
| 265 | 5.9 | 5.6 | 5.2 | | 5.2 | 5.3 | 5.1 | | 5 | 5.2 | 5 | | 265 |
| 270 | 5.6 | 5.4 | 5 | | 4.9 | 4.9 | 4.9 | | 4.5 | 4.9 | 4.9 | | 270 |
| 275 | 5.3 | 5.2 | 4.9 | | 4.5 | 4.6 | 4.7 | | 3.9 | 4.4 | 4.7 | | 275 |
| 280 | 5 | 5 | 4.7 | | 4 | 4.2 | 4.5 | | | 3.9 | 4.5 | | 280 |
| 285 | 4.7 | 4.8 | 4.6 | | | 3.8 | 4.2 | | | | 4.2 | | 285 |
| 290 | 4.4 | 4.6 | 4.3 | | | | 3.8 | | | | | | 290 |
| 295 | 4 | 4.3 | 4.1 | | | | | | | | | | 295 |
| 300 | | 3.9 | 3.9 | | | | | | | | | | 300 |

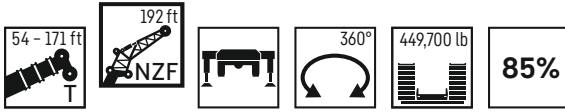
* adapter - pièce d'adaptateur

maxt_198_203_01401_00_000

Lifting capacities

Forces de levage

TNZF 192 ft



| | 54 ft + 9 ft* | | | 107 ft + 9 ft* | | | 125 ft + 9 ft* | | | 143 ft + 9 ft* | | | 161 ft + 9 ft* | | | 164 ft + 9 ft* | | | 167 ft + 9 ft* | | | 171 ft + 9 ft* | | | | | | | | | |
|-----|---------------|------|------|----------------|-----|------|----------------|------|-----|----------------|-----|------|----------------|------|------|----------------|------|-----|----------------|------|------|----------------|------|-----|------|------|-----|------|------|-----|-----|
| | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | | | | | | | |
| 32 | 42.4 | | | | | | | | | | | | | | | | | | | | | | | | 32 | | | | | | |
| 34 | 41.3 | | | | | | | | | | | | | | | | | | | | | | | | | 34 | | | | | |
| 36 | 40.2 | | | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | | |
| 38 | 39.1 | | | | | 34.5 | | | | | | | | | | | | | | | | | | | | 38 | | | | | |
| 40 | 38 | | | | | 33.8 | | | | | | | | | | | | | | | | | | | | 40 | | | | | |
| 45 | 35.3 | | | | | 32.1 | | | | | | 28.6 | | | | | | | | | | | | | | 45 | | | | | |
| 50 | 32.9 | | | | | 30.4 | | | | | | 27.5 | | | 24.7 | | | | 24.1 | | | 23.6 | | | | 50 | | | | | |
| 55 | 31 | | | | | 28.8 | | | | | | 26.4 | | | 23.8 | | | | 23.3 | | | 22.9 | | | 22.5 | 55 | | | | | |
| 60 | 29.2 | | | | | 27.4 | | | | | | 25.3 | | | 23 | | | | 22.5 | | | 22.1 | | | 21.7 | 60 | | | | | |
| 65 | 27.3 | | | | | 26.1 | | | | | | 24.2 | | | 22.1 | | | | 21.7 | | | 21.3 | | | 21 | 65 | | | | | |
| 70 | 25.4 | 23.1 | | | | 24.9 | | | | | | 23.2 | | | 21.3 | | | | 20.8 | | | 20.5 | | | 20.2 | 70 | | | | | |
| 75 | 23.9 | 21.9 | | | | 23.6 | 20.4 | | | | | 22.4 | | | 20.5 | | | | 20.1 | | | 19.8 | | | 19.5 | 75 | | | | | |
| 80 | 22.6 | 20.6 | | | | 22.4 | 19.6 | | | | | 21.5 | | | 19.8 | | | | 19.4 | | | 19.1 | | | 18.8 | 80 | | | | | |
| 85 | 21.4 | 19.5 | | | | 21.3 | 18.7 | | | | | 20.6 | 17.2 | | 19.1 | | | | 18.8 | | | 18.5 | | | 18.2 | 85 | | | | | |
| 90 | 20.2 | 18.5 | | | | 20.4 | 17.8 | | | | | 19.7 | 16.5 | | 18.4 | 15.4 | | | 18.1 | 15.1 | | 17.8 | | | 17.6 | 90 | | | | | |
| 95 | 19 | 17.5 | | | | 19.5 | 17.1 | | | | | 18.8 | 16.6 | | 17.7 | 14.8 | | | 17.4 | 14.6 | | 17.2 | 14.4 | | 17 | 14.3 | 95 | | | | |
| 100 | 17.8 | 16.5 | 14.7 | | | 18.6 | 16.3 | | | | | 19 | 15.9 | | 18.1 | 15.2 | | | 16.8 | 14.1 | | 16.6 | 14 | | 16.4 | 13.8 | 100 | | | | |
| 105 | 16.7 | 15.5 | 13.9 | | | 17.7 | 15.6 | | | | | 18.2 | 15.3 | | 17.5 | 14.7 | | | 16.4 | 13.8 | | 16.1 | 13.6 | | 15.9 | 13.5 | 105 | | | | |
| 110 | 15.8 | 14.7 | 13.2 | | | 16.8 | 14.9 | 12.7 | | | | 17.4 | 14.6 | | 16.8 | 14.1 | | | 15.8 | 13.3 | | 15.5 | 13.1 | | 15.3 | 13 | 105 | 15.2 | 12.8 | 110 | |
| 115 | 15 | 13.9 | 12.4 | | | 16 | 14.3 | 12.2 | | | | 16.7 | 14 | 11.9 | 16.2 | 13.6 | | | 15.3 | 12.8 | | 15 | 12.7 | | 14.9 | 12.6 | 105 | 14.7 | 12.4 | 115 | |
| 120 | 14.2 | 13.1 | 11.7 | | | 15.3 | 13.7 | 11.7 | | | | 15.9 | 13.5 | 11.4 | 15.6 | 13.1 | 11 | | 14.8 | 12.4 | | 14.5 | 12.3 | | 14.4 | 12.1 | 105 | 14.2 | 12 | 120 | |
| 125 | 13.4 | 12.4 | 11 | | | 14.7 | 13.1 | 11.2 | | | | 15.2 | 13 | 11 | 14.9 | 12.6 | 10.6 | | 14.2 | 12 | 10.1 | 14 | 11.8 | 10 | 13.9 | 11.7 | 9.8 | 13.8 | 11.6 | 125 | |
| 130 | 12.6 | 11.6 | 10.3 | | | 14.1 | 12.5 | 10.7 | | | | 14.6 | 12.4 | 10.6 | 14.3 | 12.1 | 10.2 | | 13.7 | 11.5 | 9.7 | 13.5 | 11.4 | 9.6 | 13.4 | 11.3 | 9.5 | 13.3 | 11.2 | 9.4 | 130 |
| 135 | 11.8 | 10.9 | 9.6 | | | 13.5 | 12 | 10.3 | | | | 14.1 | 11.9 | 10.1 | 13.7 | 11.7 | 9.8 | | 13.2 | 11.1 | 9.4 | 13.1 | 11 | 9.3 | 13 | 10.9 | 9.2 | 12.9 | 10.8 | 9.1 | 135 |
| 140 | 11 | 10.4 | 9.2 | | | 12.9 | 11.5 | 9.8 | | | | 13.6 | 11.4 | 9.7 | 13.2 | 11.2 | 9.5 | | 12.7 | 10.7 | 9.1 | 12.6 | 10.6 | 9 | 12.5 | 10.5 | 8.8 | 12.4 | 10.4 | 8.8 | 140 |
| 145 | 10.3 | 9.9 | 8.7 | | | 12.3 | 11.1 | 9.4 | | | | 13.1 | 11 | 9.4 | 12.8 | 10.8 | 9.1 | | 12.2 | 10.4 | 8.8 | 12.1 | 10.2 | 8.7 | 12 | 10.2 | 8.6 | 12 | 10.1 | 8.5 | 145 |
| 150 | 9.7 | 9.4 | 8.3 | | | 11.7 | 10.6 | 9 | | | | 12.5 | 10.6 | 9 | 12.3 | 10.4 | 8.8 | | 11.8 | 10 | 8.5 | 11.6 | 9.9 | 8.3 | 11.5 | 9.8 | 8.3 | 11.5 | 9.8 | 8.2 | 150 |
| 155 | 9.2 | 8.9 | 7.9 | | | 11.1 | 10.2 | 8.6 | | | | 12 | 10.2 | 8.7 | 11.9 | 10 | 8.4 | | 11.4 | 9.7 | 8.1 | 11.3 | 9.6 | 8.1 | 11.2 | 9.5 | 8 | 11.1 | 9.4 | 7.9 | 155 |
| 160 | 8.8 | 8.4 | 7.4 | | | 10.6 | 9.7 | 8.3 | | | | 11.5 | 9.8 | 8.3 | 11.4 | 9.6 | 8.1 | | 11 | 9.3 | 7.9 | 10.9 | 9.2 | 7.8 | 10.8 | 9.2 | 7.7 | 10.8 | 9.1 | 7.7 | 160 |
| 165 | 8.3 | 7.9 | 7.1 | | | 10.1 | 9.3 | 8 | | | | 10.9 | 9.4 | 8 | 11 | 9.3 | 7.8 | | 10.7 | 8.9 | 7.6 | 10.6 | 8.9 | 7.5 | 10.5 | 8.8 | 7.5 | 10.4 | 8.8 | 7.4 | 165 |
| 170 | 7.8 | 7.4 | 6.8 | | | 9.7 | 8.8 | 7.6 | | | | 10.4 | 9 | 7.7 | 10.6 | 8.9 | 7.5 | | 10.3 | 8.6 | 7.3 | 10.2 | 8.5 | 7.3 | 10.2 | 8.5 | 7.2 | 10.1 | 8.4 | 7.1 | 170 |
| 175 | 7.4 | 7 | 6.5 | | | 9.3 | 8.4 | 7.3 | | | | 10 | 8.7 | 7.4 | 10.1 | 8.6 | 7.3 | | 9.9 | 8.4 | 7 | 9.9 | 8.3 | 7 | 9.8 | 8.2 | 6.9 | 9.8 | 8.2 | 6.9 | 175 |
| 180 | 6.9 | 6.7 | 6.1 | | | 8.9 | 8.1 | 7 | | | | 9.6 | 8.3 | 7.1 | 9.7 | 8.3 | 7 | | 9.6 | 8.1 | 6.7 | 9.5 | 8 | 6.7 | 9.5 | 8 | 6.6 | 9.4 | 7.9 | 6.6 | 180 |
| 185 | 6.5 | 6.4 | | | | 8.5 | 7.8 | 6.7 | | | | 9.3 | 7.9 | 6.8 | 9.3 | 8 | 6.8 | | 9.2 | 7.8 | 6.5 | 9.2 | 7.7 | 6.4 | 9.1 | 7.7 | 6.3 | 9.1 | 7.6 | 6.3 | 185 |
| 190 | 6.2 | 6 | | | | 8.1 | 7.5 | 6.3 | | | | 8.9 | 7.6 | 6.5 | 8.9 | 7.6 | 6.5 | | 8.8 | 7.5 | 6.2 | 8.8 | 7.5 | 6.1 | 8.8 | 7.4 | 6.1 | 8.8 | 7.4 | 6.1 | 190 |
| 195 | 5.9 | 5.7 | | | | 7.7 | 7.2 | 6 | | | | 8.5 | 7.3 | 6.1 | 8.6 | 7.3 | 6.2 | | 8.5 | 7.3 | 6 | 8.5 | 7.2 | 5.9 | 8.4 | 7.2 | 5.8 | 8.4 | 7.1 | 5.8 | 195 |
| 200 | 5.6 | | | | | 7.3 | 6.8 | 5.7 | | | | 8.2 | 7 | 5.9 | 8.3 | 7 | 5.9 | | 8.1 | 7 | 5.7 | 8.1 | 7 | 5.7 | 8.1 | 6.9 | 5.6 | 8.1 | 6.9 | 5.6 | 200 |
| 205 | 5.3 | | | | | 6.9 | 6.5 | 5.4 | | | | 7.8 | 6.8 | 5.6 | 8 | 6.8 | 5.6 | | 7.8 | 6.7 | 5.5 | 7.8 | 6.7 | 5.4 | 7.8 | 6.7 | 5.4 | 7.8 | 6.6 | 5.4 | 205 |
| 210 | 5 | | | | | 6.6 | 6.2 | 5.1 | | | | 7.5 | 6.5 | 5.3 | 7.7 | 6.6 | 5.3 | | 7.6 | 6.4 | 5.2 | 7.5 | 6.4 | 5.2 | 7.5 | 6.4 | 5.1 | 7.5 | 6.4 | 5.1 | 210 |
| 215 | | | | | | 6.3 | 5.9 | 4.8 | | | | 7.1 | 6.2 | 5 | 7.4 | 6.3 | 5.1 | | 7.3 | 6.2 | 5 | 7.3 | 6.2 | 4.9 | 7.2 | 6.2 | 4.9 | 7.2 | 6.1 | 4.9 | 215 |
| 220 | | | | | | 6 | 5.6 | 4.6 | | | | 6.8 | 5.9 | 4.7 | 7.1 | 6.1 | 4.8 | | 7.1 | 6 | 4.7 | 7.1 | 6 | 4.7 | 6.9 | 5.9 | 4.7 | 6.9 | 5.9 | 4.7 | 220 |
| 225 | | | | | | 5.8 | 5.3 | 4.3 | | | | 6.5 | 5.6 | 4.5 | 6.8 | 5.8 | 4.6 | | 6.8 | 5.8 | 4.5 | 6.8 | 5.8 | 4.5 | 6.6 | 5.7 | 4.5 | 6.6 | 5.7 | 4.4 | 225 |
| 230 | | | | | | 5.4 | 5 | 4.1 | | | | 6.3 | 5.4 | 4.3 | 6.5 | 5.5 | 4.4 | | 6.5 | 5.5 | 4.3 | 6.6 | 5.5 | 4.3 | 6.3 | 5.5 | 4.3 | 6.3 | 5.5 | 4.2 | 230 |
| 235 | | | | | | 5.1 | 4.7 | 3.9 | | | | 6 | 5.1 | 4.1 | 6.2 | 5.2 | 4.1 | | 6.3 | 5.3 | 4.1 | 6.3 | 5.3 | 4.1 | 6.1 | 5.3 | 4.1 | 6 | 5.2 | 4.1 | 235 |
| 240 | | | | | | 4.7 | 4.4 | | | | | 5.8 | 4.8 | 3.9 | 6 | 5 | 3.9 | | 6 | 5 | 4 | 6.1 | 5 | 3.9 | 5.8 | 5 | 3.9 | 5.8 | 5 | 3.9 | 240 |
| 245 | | | | | | 4.4 | 4.2 | | | | | 5.5 | 4.6 | | 5.7 | 4.8 | | | 5.8 | 4.8 | 3.8 | 5.8 | 4.8 | 3.8 | 5.5 | 4.8 | 3.8 | 5.5 | 4.8 | | 245 |
| 250 | | | | | | 4.2 | 4 | | | | | 5.3 | 4.3 | | 5.5 | 4.5 | | | 5.5 | 4.5 | | 5.6 | 4.6 | | 5.2 | 4.5 | | 5.2 | 4.6 | | 250 |
| 255 | | | | | | 4 | 3.8 | | | | | 5 | 4 | | 5.3 | 4.3 | | | 5.3 | 4.3 | | 5.3 | 4.3 | | 4.9 | 4.3 | | 4.8 | 4.3 | | 255 |
| 260 | | | | | | 3.8 | | | | | | 4.7 | 3.8 | | 5.1 | 4.1 | | | 5.1 | 4.1 | | 5 | 4.1 | | 4.5 | 4.1 | | 4.4 | 4.1 | | 260 |
| 265 | | | | | | | | | | | | 4.5 | | | 4.8 | 3.9 | | | 4.8 | 3.9 | | 4.7 | 4 | | 4.1 | | | 3.9 | 3.8 | | 265 |
| 270 | | | | | | | | | | | | 4.2 | | | | | | | 4.6 | 3.8 | | 4.4 | 3.8 | | | | | | | | 270 |
| 275 | | | | | | | | | | | | 4 | | | | | | | 4.3 | | | 4.1 | | | | | | | | | 275 |
| 280 | | | | | | | | | | | | 3.8 | | | | | | | 4.1 | | | | | | | | | | | | 280 |
| 285 | | | | | | | | | | | | | | | | | | | 3.9 | | | | | | | | | | | | 285 |

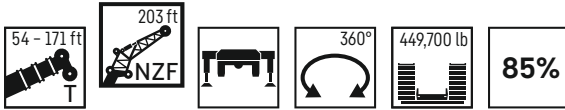
* adapter - pièce d'adaptateur

maxt_198_203_01501_00_000

Lifting capacities

Forces de levage

TNZF 203 ft



| | 54 ft + 9 ft* | | | 107 ft + 9 ft* | | | 125 ft + 9 ft* | | | 143 ft + 9 ft* | | | 161 ft + 9 ft* | | | 164 ft + 9 ft* | | | 167 ft + 9 ft* | | | 171 ft + 9 ft* | | | | | | | |
|-----|---------------|------|------|----------------|------|------|----------------|------|-----|----------------|------|-----|----------------|------|-----|----------------|------|-----|----------------|------|-----|----------------|------|-----|----|------|------|-----|-----|
| | TNZF 203 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | | |
| 34 | 31.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | |
| 36 | 31.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | |
| 38 | 31.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | |
| 40 | 31.5 | | | | | 31 | | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 31.5 | | | | | 29.6 | | | | 28 | | | | | | | | | | | | | | | | | | 45 | |
| 50 | 30.1 | | | | | 28.2 | | | | 26.7 | | | 24.6 | | | | 21.2 | | | | | | | | | | | 50 | |
| 55 | 28.3 | | | | | 26.8 | | | | 25.5 | | | 23.6 | | | 21 | | | 20.3 | | | 19.6 | | | | 18.1 | | 55 | |
| 60 | 26.6 | | | | | 25.5 | | | | 24.3 | | | 22.6 | | | 20.4 | | | 19.9 | | | 19.4 | | | | 18.1 | | 60 | |
| 65 | 25 | | | | | 24.3 | | | | 23.2 | | | 21.6 | | | 19.6 | | | 19.2 | | | 18.8 | | | | 18.1 | | 65 | |
| 70 | 23.4 | | | | | 23.2 | | | | 22.2 | | | 20.7 | | | 18.9 | | | 18.5 | | | 18.1 | | | | 17.8 | | 70 | |
| 75 | 21.8 | 19.9 | | | | 22.1 | | | | 21.2 | | | 19.9 | | | 18.1 | | | 17.8 | | | 17.4 | | | | 17.2 | | 75 | |
| 80 | 20.5 | 18.8 | | | | 20.9 | 17.5 | | | 20.3 | | | 19.1 | | | 17.5 | | | 17.1 | | | 16.8 | | | | 16.6 | | 80 | |
| 85 | 19.4 | 17.6 | | | | 19.8 | 16.7 | | | 19.3 | 16 | | 18.3 | | | 16.8 | | | 16.5 | | | 16.2 | | | | 16 | | 85 | |
| 90 | 18.3 | 16.7 | | | | 18.9 | 15.9 | | | 18.4 | 15.4 | | 17.6 | 14.5 | | 16.2 | | | 15.9 | | | 15.7 | | | | 15.4 | | 90 | |
| 95 | 17.3 | 15.8 | | | | 18.1 | 15.2 | | | 17.6 | 14.7 | | 16.8 | 13.9 | | 15.6 | 12.9 | | 15.3 | 12.7 | | 15.1 | | | | 14.9 | | 95 | |
| 100 | 16.2 | 14.9 | | | | 17.3 | 14.5 | | | 16.9 | 14 | | 16 | 13.4 | | 15 | 12.4 | | 14.7 | 12.2 | | 14.5 | 12.1 | | | 14.3 | 11.9 | 100 | |
| 105 | 15.1 | 14.1 | 12.5 | | | 16.5 | 13.8 | | | 16.2 | 13.4 | | 15.4 | 12.8 | | 14.4 | 11.9 | | 14.2 | 11.8 | | 14 | 11.6 | | | 13.8 | 11.5 | 105 | |
| 110 | 14.2 | 13.2 | 11.8 | | | 15.7 | 13.2 | | | 15.5 | 12.9 | | 14.8 | 12.3 | | 13.8 | 11.5 | | 13.6 | 11.3 | | 13.4 | 11.2 | | | 13.3 | 11 | 110 | |
| 115 | 13.5 | 12.5 | 11.1 | 14.9 | 12.6 | 10.6 | 14.8 | 12.3 | | 14.3 | 11.8 | | 13.3 | 11 | | 13.1 | 10.9 | | 13.1 | 10.9 | | 12.9 | 10.7 | | | 12.8 | 10.6 | 115 | |
| 120 | 12.8 | 11.8 | 10.4 | 14.1 | 12 | 10.1 | 14.1 | 11.7 | 9.8 | 13.7 | 11.3 | | 12.8 | 10.6 | | 12.6 | 10.5 | | 12.6 | 10.5 | | 12.5 | 10.3 | | | 12.3 | 10.2 | 120 | |
| 125 | 12.1 | 11.2 | 9.9 | 13.5 | 11.5 | 9.7 | 13.4 | 11.2 | 9.4 | 13.1 | 10.8 | 8.8 | 12.4 | 10.2 | | 12.2 | 10.1 | | 12.2 | 10.1 | | 12 | 10 | | | 11.9 | 9.9 | 125 | |
| 130 | 11.4 | 10.5 | 9.3 | 13 | 11 | 9.2 | 12.8 | 10.8 | 8.9 | 12.5 | 10.4 | 8.4 | 11.9 | 9.8 | 7.6 | 11.7 | 9.7 | | 11.6 | 9.6 | | 11.6 | 9.6 | | | 11.5 | 9.5 | 130 | |
| 135 | 10.8 | 9.8 | 8.7 | 12.4 | 10.4 | 8.8 | 12.3 | 10.3 | 8.5 | 12 | 10 | 8 | 11.4 | 9.4 | 7.3 | 11.3 | 9.3 | 7.2 | 11.2 | 9.2 | 7 | 11.2 | 9.2 | 7 | | 11.1 | 9.1 | 6.9 | 135 |
| 140 | 10.1 | 9.1 | 8.2 | 11.9 | 9.9 | 8.3 | 11.8 | 9.9 | 8 | 11.5 | 9.6 | 7.6 | 11 | 9 | 7 | 10.8 | 8.9 | 6.8 | 10.7 | 8.8 | 6.7 | 10.7 | 8.8 | 6.7 | | 10.6 | 8.7 | 6.6 | 140 |
| 145 | 9.4 | 8.7 | 7.8 | 11.3 | 9.5 | 7.8 | 11.4 | 9.4 | 7.6 | 11 | 9.2 | 7.2 | 10.5 | 8.7 | 6.6 | 10.4 | 8.6 | 6.5 | 10.3 | 8.5 | 6.4 | 10.3 | 8.5 | 6.4 | | 10.2 | 8.4 | 6.3 | 145 |
| 150 | 8.7 | 8.3 | 7.4 | 10.8 | 9.1 | 7.4 | 10.9 | 9 | 7.2 | 10.6 | 8.8 | 6.9 | 10.1 | 8.4 | 6.3 | 9.9 | 8.3 | 6.2 | 9.9 | 8.1 | 6.1 | 9.9 | 8.1 | 6.1 | | 9.8 | 8 | 6 | 150 |
| 155 | 8.2 | 7.9 | 7 | 10.2 | 8.7 | 7 | 10.4 | 8.6 | 6.8 | 10.2 | 8.4 | 6.5 | 9.7 | 8 | 6 | 9.5 | 7.9 | 5.9 | 9.5 | 7.8 | 5.8 | 9.5 | 7.8 | 5.8 | | 9.4 | 7.7 | 5.8 | 155 |
| 160 | 7.7 | 7.5 | 6.6 | 9.7 | 8.3 | 6.5 | 9.9 | 8.2 | 6.5 | 9.8 | 8.1 | 6.2 | 9.4 | 7.7 | 5.7 | 9.2 | 7.6 | 5.6 | 9.1 | 7.4 | 5.5 | 9 | 7.4 | 5.5 | | 9 | 7.4 | 5.5 | 160 |
| 165 | 7.3 | 7 | | 9.2 | 7.9 | 6.1 | 9.5 | 7.9 | 6.1 | 9.4 | 7.7 | 5.8 | 9 | 7.3 | 5.4 | 8.9 | 7.2 | 5.3 | 8.8 | 7.1 | 5.2 | 8.8 | 7.1 | 5.2 | | 8.7 | 7 | 5.2 | 165 |
| 170 | 6.9 | | | 8.7 | 7.5 | 5.8 | 9 | 7.6 | 5.7 | 9 | 7.4 | 5.5 | 8.7 | 6.9 | 5.1 | 8.6 | 6.8 | 5 | 8.5 | 6.7 | 5 | 8.5 | 6.7 | 5 | | 8.4 | 6.7 | 4.9 | 170 |
| 175 | 6.5 | | | 8.3 | 7 | 5.4 | 8.5 | 7.1 | 5.4 | 8.6 | 7 | 5.2 | 8.4 | 6.6 | 4.9 | 8.3 | 6.5 | 4.7 | 8.2 | 6.4 | 4.7 | 8.2 | 6.4 | 4.7 | | 8.1 | 6.3 | 4.7 | 175 |
| 180 | 6.1 | | | 8 | 6.5 | 5.1 | 8.1 | 6.7 | 5.1 | 8.2 | 6.7 | 4.9 | 8 | 6.3 | 4.6 | 7.9 | 6.2 | 4.5 | 7.9 | 6.1 | 4.5 | 7.9 | 6.1 | 4.5 | | 7.8 | 6 | 4.4 | 180 |
| 185 | | | | 7.6 | 6.1 | 4.7 | 7.8 | 6.3 | 4.8 | 7.8 | 6.3 | 4.6 | 7.7 | 6 | 4.3 | 7.6 | 5.9 | 4.2 | 7.6 | 5.8 | 4.2 | 7.6 | 5.8 | 4.2 | | 7.5 | 5.8 | 4.2 | 185 |
| 190 | | | | 7.2 | 5.8 | 4.4 | 7.4 | 5.9 | 4.5 | 7.4 | 5.9 | 4.3 | 7.4 | 5.7 | 4 | 7.3 | 5.6 | 4 | 7.3 | 5.5 | 3.9 | 7.3 | 5.5 | 3.9 | | 7.2 | 5.5 | 3.9 | 190 |
| 195 | | | | 6.9 | 5.4 | 4 | 7.1 | 5.5 | 4.1 | 7.1 | 5.6 | 4.1 | 7 | 5.4 | 3.8 | 7 | 5.3 | | 7 | 5.2 | | 7 | 5.2 | | | 6.9 | 5.2 | | 195 |
| 200 | | | | 6.5 | 5 | | 6.8 | 5.2 | 3.8 | 6.8 | 5.2 | 3.8 | 6.7 | 5.1 | | 6.7 | 5 | | 6.7 | 5 | | 6.7 | 5 | | | 6.6 | 5 | | 200 |
| 205 | | | | 6 | 4.7 | | 6.5 | 4.9 | | 6.5 | 4.9 | | 6.4 | 4.8 | | 6.3 | 4.8 | | 6.3 | 4.7 | | 6.3 | 4.7 | | | 6.3 | 4.7 | | 205 |
| 210 | | | | 5.6 | 4.3 | | 6.1 | 4.6 | | 6.2 | 4.6 | | 6 | 4.5 | | 5.9 | 4.5 | | 5.9 | 4.4 | | 5.9 | 4.4 | | | 5.9 | 4.4 | | 210 |
| 215 | | | | 5.2 | 3.9 | | 5.7 | 4.3 | | 5.9 | 4.3 | | 5.8 | 4.2 | | 5.7 | 4.2 | | 5.6 | 4.1 | | 5.6 | 4.1 | | | 5.5 | 4.1 | | 215 |
| 220 | | | | 4.9 | | | 5.3 | 4 | | 5.5 | 4 | | 5.5 | 3.9 | | 5.4 | 3.9 | | 5.3 | 3.8 | | 5.3 | 3.8 | | | 5.2 | 3.8 | | 220 |
| 225 | | | | 4.6 | | | 4.8 | | | 5.2 | 3.8 | | 5.2 | | | 5.1 | | | 4.9 | | | 4.9 | | | | 4.9 | | | 225 |
| 230 | | | | 4.2 | | | 4.5 | | | 4.9 | | | 4.9 | | | 4.8 | | | 4.6 | | | 4.6 | | | | 4.6 | | | 230 |
| 235 | | | | 3.9 | | | 4.3 | | | 4.5 | | | 4.6 | | | 4.6 | | | 4.3 | | | 4.3 | | | | 4.3 | | | 235 |
| 240 | | | | | | | 4 | | | 4.2 | | | 4.3 | | | 4.3 | | | 4 | | | 4 | | | | 4 | | | 240 |
| 245 | | | | | | | | | | 3.9 | | | 4 | | | 4 | | | 4 | | | 4 | | | | 4 | | | 245 |

* adapter - pièce d'adaptateur

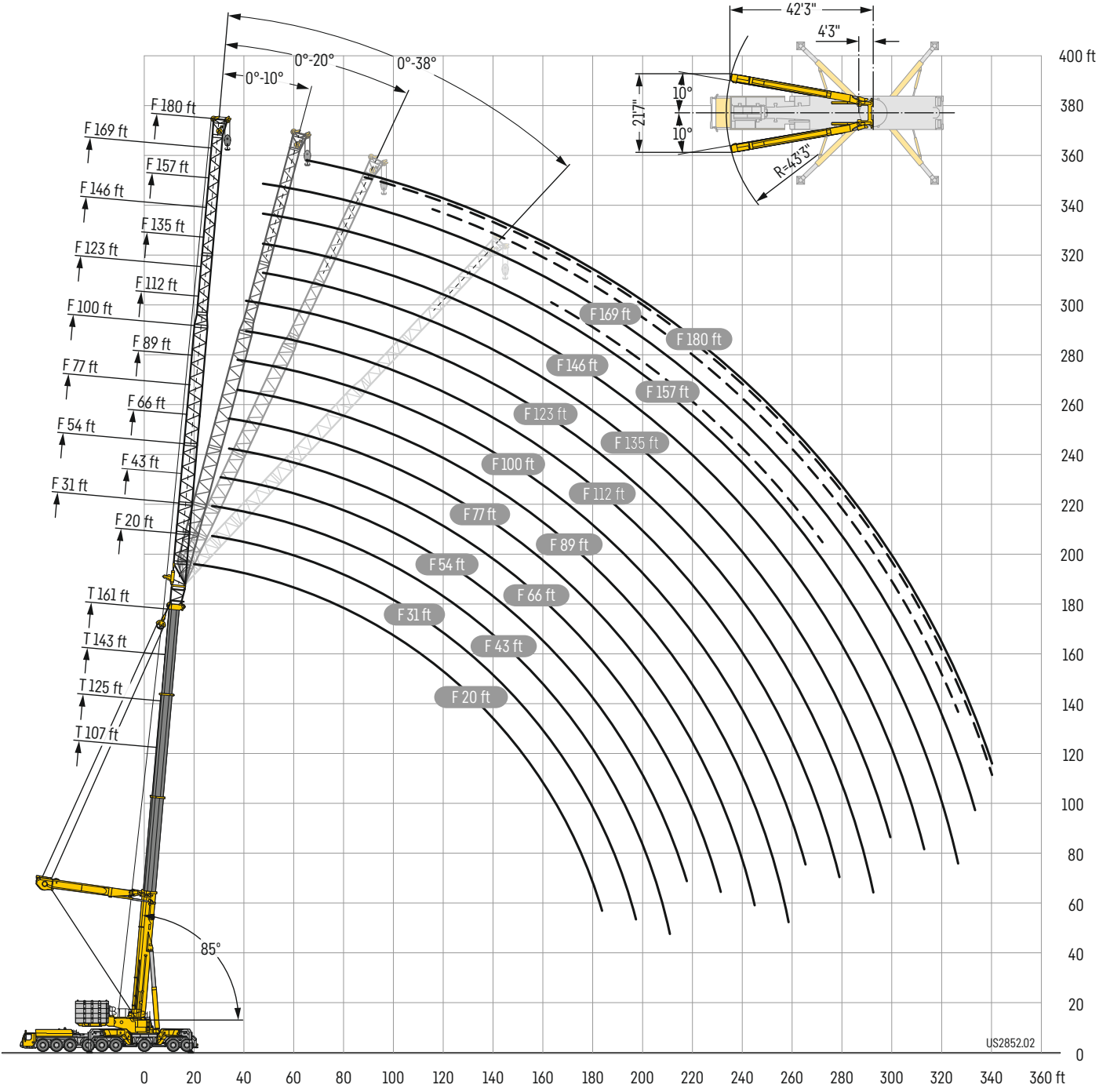
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Lifting heights

Hauteurs de levage

TYNZF

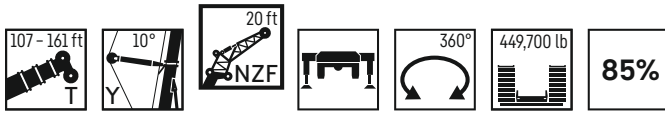
10°
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Lifting capacities

Forces de levage

TYNZF 20 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|----------------|-------|-------|-------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 16 | 248.2 | | | | | | | | | | | | | | | | 16 |
| 17 | 246.6 | | | | | | | | | | | | | | | | 17 |
| 18 | 244.9 | | | | | | | | | | | | | | | | 18 |
| 19 | 243.3 | | | | 240.7 | | | | | | | | | | | | 19 |
| 20 | 241.6 | 207 | | | 239.5 | | | | | | | | | | | | 20 |
| 22 | 238.3 | 202.7 | | | 237.1 | | | | 225.2 | | | | | | | | 22 |
| 24 | 235.2 | 198.3 | 159 | | 234.7 | 203.2 | | | 225.3 | | | | 200.4 | | | | 24 |
| 26 | 232.6 | 194 | 156.4 | | 232.3 | 199.4 | 159.1 | | 225.3 | 203.6 | | | 201 | | | | 26 |
| 28 | 229.9 | 189.7 | 153.8 | 120.4 | 230 | 195.5 | 156.8 | | 225.3 | 200.2 | 159.2 | | 201.6 | 202.8 | | | 28 |
| 30 | 227.2 | 185.4 | 151.2 | 119.3 | 228 | 191.7 | 154.5 | 120.4 | 225.3 | 196.7 | 157.2 | | 202.2 | 200.8 | 159.3 | | 30 |
| 32 | 224.5 | 181.1 | 148.5 | 118.3 | 226 | 187.9 | 152.2 | 119.5 | 224.2 | 193.3 | 155.1 | | 202.8 | 197.7 | 157.5 | | 32 |
| 34 | 221.9 | 176.7 | 145.9 | 117.2 | 224 | 184.1 | 149.9 | 118.5 | 222.5 | 189.9 | 153.1 | 119.6 | 203.1 | 194.6 | 155.6 | | 34 |
| 36 | 215.8 | 172.4 | 143.3 | 116.1 | 222 | 180.3 | 147.6 | 117.6 | 220.8 | 186.5 | 151 | 118.7 | 203.2 | 191.6 | 153.7 | 119.7 | 36 |
| 38 | 210.7 | 168.1 | 141.3 | 115.1 | 220 | 176.5 | 145.3 | 116.7 | 219.1 | 183.1 | 148.9 | 117.9 | 203.3 | 188.5 | 151.9 | 118.9 | 38 |
| 40 | 206.1 | 163.9 | 139.3 | 113.9 | 216.5 | 172.7 | 143.1 | 115.7 | 217.4 | 179.7 | 146.9 | 117.1 | 203.5 | 185.4 | 150 | 118.2 | 40 |
| 45 | 194.8 | 157.1 | 134.3 | 110.4 | 206.3 | 163.6 | 138.6 | 113 | 212.8 | 171.2 | 142.1 | 114.8 | 203.7 | 177.7 | 145.4 | 116.1 | 45 |
| 50 | 183.5 | 150.2 | 129.2 | 107 | 196.4 | 157.5 | 134.2 | 110 | 206.4 | 163.3 | 138.1 | 111.8 | 202.6 | 170 | 141.3 | 113.4 | 50 |
| 55 | 172.1 | 143.4 | 124.8 | 104.1 | 186.4 | 151.5 | 129.8 | 107.1 | 197.6 | 157.9 | 134.2 | 109.2 | 199 | 163 | 137.7 | 110.8 | 55 |
| 60 | 162.2 | 138 | 121.8 | 101.3 | 176.4 | 145.5 | 125.5 | 104.4 | 188.6 | 152.5 | 130.2 | 106.7 | 195.4 | 158.1 | 134.2 | 108.4 | 60 |
| 65 | 154.6 | 132.6 | 118.8 | 99 | 166.9 | 140.3 | 122.9 | 102 | 179.7 | 147.1 | 126.3 | 104.3 | 190.3 | 153.3 | 130.6 | 106.1 | 65 |
| 70 | 147.3 | 127.3 | 115.8 | 96.8 | 159.2 | 135.6 | 120.3 | 99.8 | 170.8 | 142.1 | 123.7 | 102.2 | 182.4 | 148.4 | 127.1 | 103.9 | 70 |
| 75 | 140.6 | 123.3 | 112.8 | 94.9 | 152.7 | 130.8 | 117.6 | 97.9 | 163.1 | 137.8 | 121.4 | 100.1 | 174.4 | 143.6 | 124.4 | 102.1 | 75 |
| 80 | 134.6 | 120 | 109.2 | 93.2 | 146.2 | 126.1 | 115 | 96 | 156.9 | 133.6 | 119.1 | 98.4 | 166.8 | 139.7 | 122.3 | 100.3 | 80 |
| 85 | 128.7 | 116.7 | 105.5 | 91.7 | 140.4 | 123 | 112.2 | 94.4 | 151.1 | 129.4 | 116.7 | 96.7 | 160.3 | 135.9 | 120.2 | 98.7 | 85 |
| 90 | 123.8 | 113.3 | 102.1 | 90.5 | 135.2 | 120.1 | 109 | 93 | 145.3 | 125.4 | 114.2 | 95.1 | 155.1 | 132.1 | 118.1 | 97.2 | 90 |
| 95 | 119.9 | 108.6 | 99.3 | | 129.9 | 117.2 | 105.8 | 91.7 | 140.3 | 122.8 | 111.3 | 93.9 | 149.8 | 128.3 | 115.9 | 95.8 | 95 |
| 100 | 116 | 104.5 | 96.5 | | 125 | 114.2 | 102.6 | 90.7 | 135.6 | 120.2 | 108.4 | 92.7 | 143.2 | 124.9 | 112.9 | 94.4 | 100 |
| 105 | 111.3 | 100.9 | 94.2 | | 121.6 | 110.3 | 100.1 | 89.8 | 130.9 | 117.6 | 105.6 | 91.5 | 135.2 | 122.6 | 110.2 | 93.3 | 105 |
| 110 | 106.4 | 97.4 | 92.1 | | 118.3 | 106.3 | 97.7 | | 126.2 | 114.9 | 102.8 | 90.7 | 127.4 | 120.2 | 107.7 | 92.3 | 110 |
| 115 | 101.6 | 94.5 | 90.3 | | 114.6 | 103 | 95.3 | | 123 | 111.6 | 100.4 | 89.9 | 120.2 | 117.8 | 105.2 | 91.2 | 115 |
| 120 | 97.1 | 91.9 | | | 110 | 100 | 93.5 | | 116.7 | 107.9 | 98.4 | | 113.6 | 114.4 | 102.8 | 90.5 | 120 |
| 125 | 93.3 | | | | 105.7 | 96.9 | 91.6 | | 110.4 | 104.6 | 96.4 | | 107.4 | 108.2 | 100.6 | 89.8 | 125 |
| 130 | | | | | 101.6 | 94.4 | 90.3 | | 104.5 | 101.4 | 94.4 | | 101.7 | 102.5 | 98.7 | | 130 |
| 135 | | | | | 97.2 | 92.2 | | | 99 | 98.8 | 93 | | 96.3 | 97.1 | 96.9 | | 135 |
| 140 | | | | | 92.6 | 90.3 | | | 93.9 | 94.4 | 91.3 | | 91.4 | 92.1 | 92.6 | | 140 |
| 145 | | | | | 74.8 | | | | 88.9 | 89.4 | 89.4 | | 86.7 | 87.3 | 87.8 | | 145 |
| 150 | | | | | | | | | 84.1 | 84.6 | | | 82.3 | 82.9 | 83.4 | | 150 |
| 155 | | | | | | | | | 79.6 | 80 | | | 78.2 | 78.7 | 79.1 | | 155 |
| 160 | | | | | | | | | 69 | | | | 74.3 | 74.8 | 75.1 | | 160 |
| 165 | | | | | | | | | | | | | 70.6 | 71 | | | 165 |
| 170 | | | | | | | | | | | | | 67.1 | 67.4 | | | 170 |
| 175 | | | | | | | | | | | | | 60.9 | | | | 175 |
| 180 | | | | | | | | | | | | | 47.3 | | | | 180 |

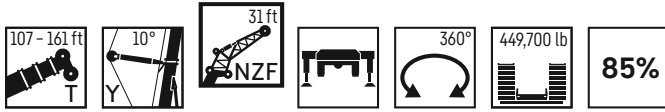
* adapter - pièce d'adaptateur

maxt_198_211_02001_00_000

Lifting capacities

Forces de levage

TYNZF 31 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|-------|-------|------|----------------|-------|-------|------|----------------|-------|-------|------|----------------|-------|-------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 18 | 240.2 | | | | | | | | | | | | | | | | 18 |
| 19 | 238.8 | | | | | | | | | | | | | | | | 19 |
| 20 | 237.5 | | | | | | | | | | | | | | | | 20 |
| 22 | 234.7 | | | | 232.1 | | | | | | | | | | | | 22 |
| 24 | 232.1 | 201.3 | | | 230.4 | | | | 207.6 | | | | | | | | 24 |
| 26 | 229.3 | 195.9 | | | 228.7 | | | | 208.2 | | | | 183.9 | | | | 26 |
| 28 | 226.4 | 190.5 | | | 227.1 | 193.3 | | | 208.8 | | | | 184.5 | | | | 28 |
| 30 | 223.5 | 185.2 | 145.4 | | 225.1 | 188.5 | | | 209.4 | 187.9 | | | 185.2 | | | | 30 |
| 32 | 220.6 | 180.3 | 142.2 | | 222.3 | 183.7 | 143.7 | | 210 | 183.7 | | | 185.8 | 180.5 | | | 32 |
| 34 | 217.7 | 175.5 | 139 | | 219.3 | 179 | 140.9 | | 209.6 | 179.5 | 140.9 | | 186.4 | 177 | | | 34 |
| 36 | 214.8 | 170.7 | 136.2 | 99.1 | 216.3 | 174.9 | 138.2 | | 207.9 | 175.4 | 138.5 | | 186.9 | 173.5 | 137.4 | | 36 |
| 38 | 211.2 | 165.9 | 133.4 | 97.7 | 213.4 | 170.8 | 135.6 | | 206.2 | 171.5 | 136.1 | | 187 | 170 | 135.3 | | 38 |
| 40 | 206.5 | 161.3 | 130.7 | 96.4 | 210.4 | 166.7 | 133.2 | 97.4 | 204.5 | 168 | 133.7 | | 187.2 | 166.5 | 133.3 | | 40 |
| 45 | 193.4 | 152 | 124.3 | 93.3 | 201.3 | 156.8 | 127.2 | 94.6 | 200.2 | 159.3 | 128.5 | 95.3 | 187.4 | 159.2 | 128.4 | 95.7 | 45 |
| 50 | 180.4 | 142.9 | 118.4 | 90.4 | 190 | 148.8 | 122 | 91.9 | 193.4 | 151.1 | 123.5 | 92.8 | 187.6 | 151.9 | 123.9 | 93.4 | 50 |
| 55 | 169 | 134.9 | 113 | 87.8 | 178.8 | 141 | 117.1 | 89.4 | 184 | 144.3 | 119.1 | 90.6 | 183 | 145.2 | 119.6 | 91.3 | 55 |
| 60 | 158.8 | 128.5 | 108.3 | 85.4 | 168.4 | 133.7 | 112.5 | 87.2 | 174.5 | 137.7 | 114.9 | 88.4 | 175.3 | 139.5 | 115.9 | 89.2 | 60 |
| 65 | 148.8 | 122 | 103.6 | 83.2 | 159.5 | 128.2 | 108.5 | 85.1 | 165.3 | 131.3 | 110.9 | 86.5 | 167.6 | 133.9 | 112.2 | 87.3 | 65 |
| 70 | 138.8 | 115.4 | 99.4 | 81.2 | 151 | 122.7 | 104.4 | 83.1 | 157.4 | 126.3 | 107.5 | 84.6 | 159.9 | 128.4 | 108.6 | 85.6 | 70 |
| 75 | 130.1 | 110.3 | 95.9 | 79.4 | 142.5 | 117.2 | 100.6 | 81.4 | 150.3 | 121.6 | 104.2 | 82.8 | 153.4 | 124 | 105.8 | 83.9 | 75 |
| 80 | 123.7 | 105.4 | 92.4 | 77.8 | 134.3 | 112.1 | 97.2 | 79.7 | 143.2 | 116.9 | 100.9 | 81.3 | 147.2 | 119.9 | 102.9 | 82.4 | 80 |
| 85 | 117.3 | 100.6 | 89.2 | 76.3 | 127.2 | 107.8 | 94.2 | 78.3 | 136.2 | 112.2 | 97.8 | 79.8 | 141.3 | 115.8 | 100 | 81 | 85 |
| 90 | 110.9 | 96.2 | 86.4 | 75 | 121.8 | 103.7 | 91.1 | 76.9 | 129.3 | 108.3 | 95 | 78.5 | 135.3 | 111.7 | 97.3 | 79.7 | 90 |
| 95 | 105.1 | 92.6 | 83.7 | 73.8 | 116.4 | 99.7 | 88.4 | 75.7 | 123.6 | 104.8 | 92.3 | 77.3 | 129.4 | 107.9 | 94.8 | 78.5 | 95 |
| 100 | 100.5 | 89.2 | 81.3 | 73 | 111 | 95.9 | 86.1 | 74.7 | 119 | 101.4 | 89.6 | 76.1 | 123.7 | 104.7 | 92.6 | 77.3 | 100 |
| 105 | 95.9 | 85.7 | 79.2 | | 105.9 | 92.7 | 83.7 | 73.6 | 114.4 | 98.1 | 87.3 | 75.1 | 119.2 | 101.8 | 90.3 | 76.3 | 105 |
| 110 | 91.3 | 82.9 | 77.3 | | 101.6 | 89.7 | 81.5 | 72.8 | 109.8 | 94.9 | 85.3 | 74.1 | 115.3 | 99 | 88 | 75.2 | 110 |
| 115 | 87.2 | 80.4 | 75.5 | | 97.6 | 86.6 | 79.6 | 72.1 | 105.3 | 92.1 | 83.3 | 73.2 | 111.4 | 96.1 | 86.1 | 74.4 | 115 |
| 120 | 83.9 | 77.9 | 74.1 | | 93.7 | 83.8 | 77.9 | | 101.4 | 89.5 | 81.3 | 72.6 | 107.4 | 93.4 | 84.4 | 73.5 | 120 |
| 125 | 80.6 | 75.7 | 72.8 | | 89.7 | 81.5 | 76.2 | | 98 | 86.9 | 79.5 | 72 | 103.5 | 91 | 82.6 | 72.7 | 125 |
| 130 | 77.4 | 73.9 | | | 86.3 | 79.3 | 74.8 | | 94.7 | 84.3 | 78.1 | | 99.9 | 88.8 | 80.9 | 72.2 | 130 |
| 135 | 74.8 | 72.3 | | | 83.5 | 77.2 | 73.6 | | 91.4 | 82 | 76.6 | | 96.4 | 86.6 | 79.3 | 71.7 | 135 |
| 140 | 71.9 | | | | 80.6 | 75.3 | 72.5 | | 88 | 80.2 | 75.2 | | 91.5 | 84.3 | 77.9 | | 140 |
| 145 | | | | | 77.8 | 73.8 | | | 85.2 | 78.3 | 74 | | 87 | 82.2 | 76.6 | | 145 |
| 150 | | | | | 75.4 | 72.3 | | | 82.2 | 76.4 | 73 | | 82.7 | 80.5 | 75.3 | | 150 |
| 155 | | | | | 71.7 | | | | 79.8 | 74.8 | 72 | | 78.7 | 78.8 | 74.1 | | 155 |
| 160 | | | | | | | | | 77.2 | 73.5 | | | 74.9 | 75.7 | 73.3 | | 160 |
| 165 | | | | | | | | | 73.3 | 72 | | | 71.3 | 72 | 72.1 | | 165 |
| 170 | | | | | | | | | 65.3 | | | | 67.9 | 68.5 | 69.1 | | 170 |
| 175 | | | | | | | | | 49.2 | | | | 64.6 | 65.2 | | | 175 |
| 180 | | | | | | | | | | | | | 61.6 | 62.1 | | | 180 |
| 185 | | | | | | | | | | | | | 57 | 58.5 | | | 185 |
| 190 | | | | | | | | | | | | | 45.7 | | | | 190 |

* adapter - pièce d'adaptateur

maxt_198_211_02101_00_000

Lifting capacities

Forces de levage

TYNZF 43 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|-------|-------|------|----------------|-------|-------|------|----------------|-------|-------|------|----------------|-------|-------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 20 | 209.7 | | | | | | | | | | | | | | | | 20 |
| 22 | 204.1 | | | | | | | | | | | | | | | | 22 |
| 24 | 198.4 | | | | 202.2 | | | | | | | | | | | | 24 |
| 26 | 192.8 | | | | 197.2 | | | | 190.6 | | | | | | | | 26 |
| 28 | 187.2 | 150.5 | | | 192.2 | | | | 187.3 | | | | 169 | | | | 28 |
| 30 | 182.8 | 147.6 | | | 187.2 | 149 | | | 184 | | | | 168.9 | | | | 30 |
| 32 | 178.5 | 144.7 | | | 182.4 | 146.6 | | | 180.8 | | | | 168.9 | | | | 32 |
| 34 | 174.1 | 141.9 | 120.3 | | 178.5 | 144 | | | 177.5 | 143.6 | | | 168.8 | | | | 34 |
| 36 | 169.8 | 139.3 | 118.2 | | 174.7 | 141.3 | | | 174.3 | 141.3 | | | 168.8 | 139.4 | | | 36 |
| 38 | 165.5 | 136.8 | 116.2 | | 170.9 | 138.7 | 117 | | 171.1 | 139 | | | 168.5 | 137.4 | | | 38 |
| 40 | 161.2 | 134.4 | 114.3 | | 167.1 | 136.5 | 115.3 | | 167.8 | 136.7 | 114.8 | | 166.3 | 135.5 | | | 40 |
| 45 | 152.8 | 128.3 | 109.9 | 78.8 | 157.8 | 131.1 | 111.2 | | 159.8 | 131.7 | 111.2 | | 159.5 | 130.7 | 110.1 | | 45 |
| 50 | 145 | 123.2 | 105.6 | 76.7 | 150.4 | 125.9 | 107.5 | 77 | 152 | 126.9 | 107.9 | 77.2 | 152.8 | 126.6 | 107 | | 50 |
| 55 | 137.1 | 118.2 | 101.8 | 74.8 | 143.5 | 121.4 | 103.9 | 75.2 | 145.7 | 122.3 | 104.6 | 75.6 | 146.4 | 122.4 | 104.2 | 75.6 | 55 |
| 60 | 130.9 | 113.5 | 98 | 72.9 | 136.7 | 117 | 100.6 | 73.5 | 139.8 | 118.5 | 101.5 | 74.1 | 141.1 | 118.6 | 101.4 | 74.1 | 60 |
| 65 | 125.5 | 109.5 | 94.9 | 71.3 | 130.8 | 112.8 | 97.4 | 72.1 | 134 | 114.7 | 98.7 | 72.6 | 136.1 | 115.4 | 98.9 | 72.8 | 65 |
| 70 | 120.1 | 105.5 | 91.9 | 69.7 | 125.8 | 109.3 | 94.6 | 70.6 | 128.7 | 111 | 95.9 | 71.2 | 131.2 | 112.1 | 96.5 | 71.5 | 70 |
| 75 | 114.7 | 101.5 | 89 | 68.4 | 121.2 | 105.9 | 91.9 | 69.3 | 124.1 | 107.9 | 93.4 | 70 | 126.4 | 109 | 94.1 | 70.3 | 75 |
| 80 | 109.6 | 98 | 86.4 | 67.1 | 116.5 | 102.5 | 89.2 | 68 | 120.2 | 105.1 | 91.1 | 68.8 | 122.4 | 106.1 | 92 | 69.2 | 80 |
| 85 | 105.7 | 95 | 84.2 | 66 | 111.9 | 99.1 | 86.7 | 67 | 116.2 | 102.3 | 88.8 | 67.7 | 118.9 | 103.6 | 90 | 68.2 | 85 |
| 90 | 101.9 | 92.1 | 81.9 | 65 | 107.6 | 96.3 | 84.7 | 65.9 | 112.2 | 99.4 | 86.6 | 66.7 | 115.5 | 101 | 88 | 67.2 | 90 |
| 95 | 98 | 89.2 | 80 | 64.1 | 104.3 | 93.8 | 82.7 | 65.1 | 108.3 | 96.8 | 84.6 | 65.8 | 112 | 98.5 | 86.1 | 66.3 | 95 |
| 100 | 94.3 | 86.7 | 78.2 | 63.4 | 101 | 91.2 | 80.7 | 64.3 | 104.8 | 94.3 | 82.9 | 65 | 108.5 | 95.9 | 84.2 | 65.5 | 100 |
| 105 | 91.2 | 84.6 | 76.5 | 62.8 | 97.8 | 88.7 | 79 | 63.6 | 102 | 92 | 81.1 | 64.3 | 105.2 | 93.7 | 82.6 | 64.7 | 105 |
| 110 | 88.5 | 82.5 | 74.9 | 62.4 | 94.5 | 86.4 | 77.6 | 63 | 99.3 | 89.7 | 79.4 | 63.6 | 102.3 | 91.7 | 81.1 | 64.1 | 110 |
| 115 | 85.8 | 80.4 | 73.7 | 62.1 | 91.6 | 84.5 | 76.1 | 62.5 | 96.5 | 87.4 | 77.9 | 63 | 100 | 89.7 | 79.6 | 63.5 | 115 |
| 120 | 83.1 | 78.7 | 72.6 | | 89.2 | 82.5 | 74.6 | 62.2 | 93.7 | 85.3 | 76.7 | 62.5 | 97.6 | 87.8 | 78.1 | 62.9 | 120 |
| 125 | 80.8 | 77.2 | 71.5 | | 86.8 | 80.6 | 73.5 | 61.9 | 91.1 | 83.6 | 75.4 | 62 | 95.2 | 85.8 | 76.9 | 62.4 | 125 |
| 130 | 79.1 | 75.7 | 70.8 | | 84.5 | 78.8 | 72.6 | | 89 | 82 | 74.2 | 61.7 | 92.8 | 84 | 75.8 | 62 | 130 |
| 135 | 77.3 | 74.1 | 70.2 | | 82.1 | 77.4 | 71.6 | | 86.9 | 80.3 | 73.1 | 61.5 | 90.5 | 82.5 | 74.6 | 61.6 | 135 |
| 140 | 75.4 | 72.6 | | | 80.3 | 76 | 70.8 | | 84.9 | 78.6 | 72.3 | | 88.5 | 81 | 73.5 | 61.3 | 140 |
| 145 | 73.3 | 71.2 | | | 78.7 | 74.7 | 70.3 | | 82.9 | 77.2 | 71.4 | | 86.3 | 79.6 | 72.5 | 61.1 | 145 |
| 150 | 70.7 | | | | 77.1 | 73.5 | 69.9 | | 80.9 | 76.1 | 70.6 | | 83.1 | 78.1 | 71.8 | 61 | 150 |
| 155 | | | | | 75.4 | 72.3 | | | 78.9 | 74.9 | 70 | | 79.1 | 76.8 | 71.1 | | 155 |
| 160 | | | | | 73.5 | 71.2 | | | 77.5 | 73.8 | 69.6 | | 75.4 | 75.5 | 70.3 | | 160 |
| 165 | | | | | 68.3 | | | | 74.3 | 72.6 | 69.2 | | 71.8 | 72.9 | 69.6 | | 165 |
| 170 | | | | | | | | | 70.9 | 71.6 | | | 68.5 | 69.5 | 69.1 | | 170 |
| 175 | | | | | | | | | 67.5 | 68.2 | | | 65.3 | 66.2 | 67 | | 175 |
| 180 | | | | | | | | | 61.4 | 64.4 | | | 62.3 | 63.1 | 63.8 | | 180 |
| 185 | | | | | | | | | 48.2 | | | | 59.4 | 60.2 | | | 185 |
| 190 | | | | | | | | | | | | | 56.7 | 57.3 | | | 190 |
| 195 | | | | | | | | | | | | | 53.4 | 54.5 | | | 195 |
| 200 | | | | | | | | | | | | | 43.7 | | | | 200 |

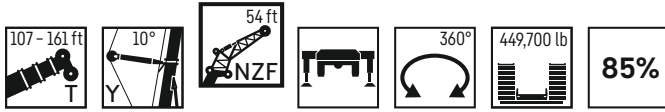
* adapter - pièce d'adaptateur

maxt_198_211_02201_00_000

Lifting capacities

Forces de levage

TYNZF 54 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|-------|------|------|----------------|-------|------|------|----------------|-------|------|------|----------------|-------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 22 | 170.1 | | | | | | | | | | | | | | | | 22 |
| 24 | 165.3 | | | | 166.9 | | | | | | | | | | | | 24 |
| 26 | 160.6 | | | | 163.1 | | | | | | | | | | | | 26 |
| 28 | 155.8 | | | | 159 | | | | 157.5 | | | | | | | | 28 |
| 30 | 151 | 112.1 | | | 154.9 | | | | 153.9 | | | | 150.1 | | | | 30 |
| 32 | 146.5 | 109.2 | | | 150.8 | | | | 150.3 | | | | 147 | | | | 32 |
| 34 | 142 | 106.2 | | | 146.7 | 107.6 | | | 146.8 | | | | 143.8 | | | | 34 |
| 36 | 137.6 | 103.3 | | | 142.7 | 105.1 | | | 143.2 | 105 | | | 140.6 | | | | 36 |
| 38 | 133.1 | 100.5 | | | 138.7 | 102.5 | | | 139.6 | 102.8 | | | 137.4 | 101.9 | | | 38 |
| 40 | 128.6 | 98.1 | 79.1 | | 134.7 | 100 | | | 136.2 | 100.6 | | | 134.2 | 99.9 | | | 40 |
| 45 | 118.6 | 92.2 | 75.1 | | 124.7 | 94.6 | 75.9 | | 127.5 | 95.2 | 76.1 | | 126.9 | 95.1 | | | 45 |
| 50 | 110.8 | 86.6 | 71.8 | | 115.6 | 89.5 | 72.7 | | 118.8 | 90.7 | 73.2 | | 119.7 | 90.7 | 73.1 | | 50 |
| 55 | 103 | 82.2 | 68.5 | 51.9 | 108.8 | 84.7 | 69.8 | 52.3 | 110.9 | 86.4 | 70.4 | | 112.4 | 86.9 | 70.4 | | 55 |
| 60 | 95.5 | 77.9 | 65.6 | 50.2 | 102.1 | 80.8 | 67.1 | 50.8 | 105.2 | 82.3 | 67.8 | 51.2 | 106.2 | 83.1 | 68.1 | 51.4 | 60 |
| 65 | 90.1 | 73.8 | 62.6 | 48.7 | 95.4 | 77 | 64.6 | 49.3 | 99.5 | 78.9 | 65.4 | 49.9 | 101.3 | 79.6 | 65.8 | 50.2 | 65 |
| 70 | 85.3 | 70.6 | 60.1 | 47.2 | 90.2 | 73.3 | 62.2 | 48 | 93.8 | 75.5 | 63.3 | 48.6 | 96.4 | 76.7 | 63.8 | 49 | 70 |
| 75 | 80.5 | 67.4 | 57.7 | 45.9 | 85.8 | 70.4 | 59.9 | 46.8 | 88.9 | 72.2 | 61.2 | 47.5 | 91.5 | 73.8 | 61.9 | 47.9 | 75 |
| 80 | 75.7 | 64.2 | 55.3 | 44.7 | 81.6 | 67.7 | 57.9 | 45.7 | 84.7 | 69.5 | 59.3 | 46.4 | 87 | 70.9 | 60.1 | 46.9 | 80 |
| 85 | 71.2 | 61.2 | 53.2 | 43.6 | 77.4 | 65 | 55.8 | 44.5 | 81.1 | 67.1 | 57.5 | 45.4 | 83.3 | 68.4 | 58.4 | 45.9 | 85 |
| 90 | 67.9 | 58.7 | 51.3 | 42.5 | 73.2 | 62.3 | 53.8 | 43.6 | 77.6 | 64.7 | 55.7 | 44.4 | 80.1 | 66.3 | 56.9 | 45 | 90 |
| 95 | 64.8 | 56.3 | 49.6 | 41.6 | 69.3 | 59.8 | 52 | 42.7 | 74 | 62.3 | 54 | 43.5 | 77 | 64.2 | 55.4 | 44.1 | 95 |
| 100 | 61.7 | 53.9 | 47.8 | 40.8 | 66.6 | 57.7 | 50.4 | 41.8 | 70.4 | 60 | 52.3 | 42.7 | 73.9 | 62.1 | 53.8 | 43.3 | 100 |
| 105 | 58.6 | 51.6 | 46.4 | 40 | 64 | 55.6 | 48.8 | 41.1 | 67.2 | 58 | 50.8 | 41.9 | 70.7 | 60 | 52.4 | 42.6 | 105 |
| 110 | 55.8 | 49.8 | 45 | 39.3 | 61.3 | 53.5 | 47.3 | 40.3 | 64.9 | 56.2 | 49.4 | 41.2 | 67.7 | 58.1 | 51 | 41.9 | 110 |
| 115 | 53.5 | 48.1 | 43.7 | 38.7 | 58.6 | 51.5 | 46 | 39.6 | 62.6 | 54.5 | 48.1 | 40.5 | 65.1 | 56.4 | 49.8 | 41.2 | 115 |
| 120 | 51.3 | 46.3 | 42.5 | 38.2 | 56.1 | 49.8 | 44.9 | 39.1 | 60.3 | 52.7 | 46.8 | 39.9 | 63.1 | 54.9 | 48.5 | 40.6 | 120 |
| 125 | 49 | 44.6 | 41.4 | 37.7 | 54 | 48.2 | 43.7 | 38.5 | 58 | 51 | 45.6 | 39.3 | 61.1 | 53.4 | 47.3 | 40.1 | 125 |
| 130 | 46.8 | 43.3 | 40.5 | | 52 | 46.7 | 42.6 | 38.1 | 55.7 | 49.5 | 44.6 | 38.8 | 59.1 | 51.9 | 46.1 | 39.5 | 130 |
| 135 | 45 | 42 | 39.5 | | 50.1 | 45.2 | 41.6 | 37.7 | 53.8 | 48.1 | 43.5 | 38.4 | 57.1 | 50.5 | 45.1 | 39.1 | 135 |
| 140 | 43.5 | 40.7 | 38.8 | | 48.1 | 43.8 | 40.7 | | 52.1 | 46.8 | 42.5 | 38 | 55.1 | 49.1 | 44.2 | 38.6 | 140 |
| 145 | 41.9 | 39.6 | 38.1 | | 46.2 | 42.6 | 39.8 | | 50.4 | 45.4 | 41.6 | 37.6 | 53.2 | 47.9 | 43.3 | 38.2 | 145 |
| 150 | 40.3 | 38.7 | 37.5 | | 44.7 | 41.5 | 39 | | 48.7 | 44.1 | 40.8 | 37.3 | 51.8 | 46.7 | 42.3 | 37.8 | 150 |
| 155 | 39.1 | 37.8 | | | 43.2 | 40.4 | 38.4 | | 46.9 | 43 | 40.1 | | 50.3 | 45.5 | 41.5 | 37.5 | 155 |
| 160 | 37.8 | | | | 41.8 | 39.4 | 37.9 | | 45.4 | 42 | 39.3 | | 48.8 | 44.3 | 40.8 | 37.3 | 160 |
| 165 | | | | | 40.4 | 38.6 | 37.4 | | 44.1 | 41 | 38.7 | | 47.4 | 43.2 | 40.2 | | 165 |
| 170 | | | | | 39.2 | 37.9 | | | 42.8 | 40.1 | 38.2 | | 45.9 | 42.2 | 39.5 | | 170 |
| 175 | | | | | 38.2 | 37.2 | | | 41.5 | 39.2 | 37.6 | | 44.6 | 41.4 | 38.8 | | 175 |
| 180 | | | | | 37.2 | | | | 40.3 | 38.5 | 37.2 | | 43.5 | 40.5 | 38.3 | | 180 |
| 185 | | | | | | | | | 39.2 | 37.7 | | | 42.3 | 39.6 | 37.8 | | 185 |
| 190 | | | | | | | | | 38.3 | 37.2 | | | 41.2 | 38.9 | 37.4 | | 190 |
| 195 | | | | | | | | | 37.4 | | | | 40.1 | 38.3 | 37.1 | | 195 |
| 200 | | | | | | | | | | | | | 39.2 | 37.7 | | | 200 |
| 205 | | | | | | | | | | | | | 38.3 | 37.2 | | | 205 |
| 210 | | | | | | | | | | | | | 37.5 | | | | 210 |
| 215 | | | | | | | | | | | | | 30.7 | | | | 215 |

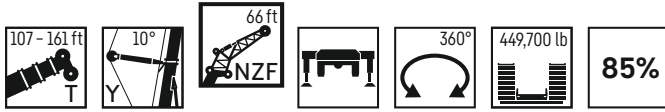
* adapter - pièce d'adaptateur

max1_198_211_02301_00_000

Lifting capacities

Forces de levage

TYNZF 66 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 22 | 145 | | | | | | | | | | | | | | | | 22 |
| 24 | 141.1 | | | | | | | | | | | | | | | | 24 |
| 26 | 137.1 | | | | 138.5 | | | | | | | | | | | | 26 |
| 28 | 133.1 | | | | 135.1 | | | | | | | | | | | | 28 |
| 30 | 129 | | | | 131.7 | | | | 131 | | | | 127.2 | | | | 30 |
| 32 | 125.2 | | | | 128.3 | | | | 128 | | | | 125.1 | | | | 32 |
| 34 | 122.2 | 97.6 | | | 125 | | | | 125.1 | | | | 122.6 | | | | 34 |
| 36 | 119.2 | 95.6 | | | 121.6 | | | | 122.2 | | | | 120.1 | | | | 36 |
| 38 | 116.3 | 93.6 | | | 118.9 | 94.2 | | | 119.2 | | | | 117.6 | | | | 38 |
| 40 | 113.4 | 91.6 | | | 116.4 | 92.5 | | | 116.5 | 92.5 | | | 115.1 | | | | 40 |
| 45 | 106.1 | 87.2 | 74.4 | | 110 | 88.4 | | | 110.8 | 89.2 | | | 109.6 | 88.6 | | | 45 |
| 50 | 100.3 | 83.3 | 71.5 | | 103.7 | 84.7 | 71.9 | | 105.3 | 85.7 | | | 104.9 | 85.3 | | | 50 |
| 55 | 95.3 | 79.5 | 68.9 | | 98.4 | 81.2 | 69.5 | | 99.8 | 82.6 | 69.5 | | 100.2 | 82.3 | 69.2 | | 55 |
| 60 | 90.3 | 76.3 | 66.2 | | 93.9 | 77.8 | 67.3 | | 95.2 | 79.5 | 67.4 | | 95.6 | 79.5 | 67.2 | | 60 |
| 65 | 85.6 | 73.2 | 63.9 | 48.2 | 89.5 | 75 | 65.1 | 48.4 | 91.4 | 76.5 | 65.5 | | 91.8 | 76.8 | 65.4 | | 65 |
| 70 | 81.8 | 70.1 | 61.6 | 47 | 85.1 | 72.2 | 63.1 | 47.2 | 87.5 | 74.1 | 63.6 | 47.4 | 88.4 | 74.3 | 63.7 | 47.4 | 70 |
| 75 | 78.4 | 67.6 | 59.4 | 45.7 | 81.5 | 69.5 | 61 | 46 | 83.7 | 71.6 | 61.8 | 46.3 | 85 | 72.2 | 62 | 46.4 | 75 |
| 80 | 75.1 | 65.1 | 57.3 | 44.5 | 78.4 | 67.2 | 59 | 45 | 80.4 | 69.1 | 60.1 | 45.4 | 81.6 | 70 | 60.4 | 45.5 | 80 |
| 85 | 71.7 | 62.7 | 55.3 | 43.5 | 75.4 | 65.1 | 57.2 | 44 | 77.5 | 66.9 | 58.3 | 44.5 | 78.7 | 67.8 | 58.8 | 44.6 | 85 |
| 90 | 68.4 | 60.2 | 53.3 | 42.5 | 72.4 | 63.1 | 55.4 | 43.2 | 74.9 | 65.1 | 56.7 | 43.6 | 76 | 65.8 | 57.2 | 43.8 | 90 |
| 95 | 65.7 | 58 | 51.4 | 41.6 | 69.5 | 61 | 53.6 | 42.3 | 72.3 | 63.2 | 55.2 | 42.8 | 73.7 | 64.1 | 55.8 | 43.1 | 95 |
| 100 | 63.2 | 56 | 49.8 | 40.8 | 66.5 | 58.9 | 51.9 | 41.5 | 69.7 | 61.4 | 53.6 | 42 | 71.5 | 62.5 | 54.5 | 42.3 | 100 |
| 105 | 60.8 | 53.9 | 48.2 | 40.1 | 64.3 | 57 | 50.4 | 40.7 | 67.1 | 59.5 | 52.1 | 41.3 | 69.2 | 60.8 | 53.2 | 41.6 | 105 |
| 110 | 58.4 | 51.9 | 46.7 | 39.4 | 62.3 | 55.2 | 49 | 40 | 64.6 | 57.7 | 50.7 | 40.6 | 66.9 | 59.1 | 51.9 | 41 | 110 |
| 115 | 56 | 50 | 45.4 | 38.8 | 60.2 | 53.4 | 47.6 | 39.4 | 62.7 | 56.1 | 49.4 | 39.9 | 64.7 | 57.5 | 50.6 | 40.4 | 115 |
| 120 | 53.9 | 48.4 | 44.2 | 38.3 | 58.1 | 51.5 | 46.3 | 38.9 | 60.9 | 54.5 | 48.1 | 39.4 | 62.6 | 56 | 49.5 | 39.8 | 120 |
| 125 | 51.9 | 46.8 | 43 | 37.8 | 56.1 | 49.8 | 45.1 | 38.3 | 59.1 | 52.9 | 46.8 | 38.9 | 61 | 54.6 | 48.4 | 39.3 | 125 |
| 130 | 49.9 | 45.3 | 41.8 | 37.4 | 54.1 | 48.4 | 44 | 37.9 | 57.3 | 51.3 | 45.7 | 38.4 | 59.4 | 53.3 | 47.2 | 38.8 | 130 |
| 135 | 47.9 | 43.8 | 40.9 | 37.1 | 52.4 | 47 | 42.9 | 37.5 | 55.5 | 49.8 | 44.6 | 38 | 57.8 | 51.9 | 46.1 | 38.4 | 135 |
| 140 | 46 | 42.6 | 40 | | 50.6 | 45.6 | 41.9 | 37.2 | 53.6 | 48.5 | 43.7 | 37.6 | 56.2 | 50.5 | 45.1 | 37.9 | 140 |
| 145 | 44.4 | 41.5 | 39.1 | | 48.8 | 44.2 | 41 | 36.9 | 52.1 | 47.2 | 42.7 | 37.3 | 54.5 | 49.2 | 44.2 | 37.6 | 145 |
| 150 | 43 | 40.3 | 38.4 | | 47.1 | 43 | 40.2 | 36.7 | 50.6 | 46 | 41.8 | 37 | 53 | 48.1 | 43.3 | 37.3 | 150 |
| 155 | 41.6 | 39.3 | 37.8 | | 45.4 | 42 | 39.5 | | 49.1 | 44.7 | 41 | 36.7 | 51.6 | 47 | 42.5 | 36.9 | 155 |
| 160 | 40.2 | 38.5 | 37.3 | | 44 | 41 | 38.7 | | 47.6 | 43.5 | 40.3 | 36.5 | 50.3 | 45.8 | 41.7 | 36.7 | 160 |
| 165 | 39 | 37.6 | | | 42.8 | 40 | 38.2 | | 46.1 | 42.5 | 39.6 | | 49 | 44.7 | 40.9 | 36.5 | 165 |
| 170 | 37.9 | | | | 41.5 | 39.1 | 37.6 | | 44.6 | 41.6 | 38.9 | | 47.7 | 43.6 | 40.3 | 36.4 | 170 |
| 175 | | | | | 40.2 | 38.4 | 37.2 | | 43.5 | 40.7 | 38.3 | | 46.4 | 42.7 | 39.6 | | 175 |
| 180 | | | | | 39.1 | 37.7 | | | 42.3 | 39.7 | 37.9 | | 45.1 | 41.8 | 39 | | 180 |
| 185 | | | | | 38.2 | 37.1 | | | 41.2 | 38.9 | 37.4 | | 43.9 | 41 | 38.4 | | 185 |
| 190 | | | | | 37.3 | | | | 40.1 | 38.3 | 37 | | 42.9 | 40.2 | 37.9 | | 190 |
| 195 | | | | | | | | | 39.1 | 37.6 | | | 41.9 | 39.4 | 37.5 | | 195 |
| 200 | | | | | | | | | 38.3 | 37.1 | | | 40.9 | 38.7 | 37.1 | | 200 |
| 205 | | | | | | | | | 37.4 | | | | 39.9 | 38.1 | 36.8 | | 205 |
| 210 | | | | | | | | | | | | | 38.9 | 37.5 | | | 210 |
| 215 | | | | | | | | | | | | | 38.2 | 37 | | | 215 |
| 220 | | | | | | | | | | | | | 37.4 | | | | 220 |
| 225 | | | | | | | | | | | | | 30.3 | | | | 225 |

* adapter - pièce d'adaptateur

maxt_198_211_02401_00_000

Lifting capacities

Forces de levage

TYNZF 77 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 24 | 121.4 | | | | | | | | | | | | | | | | 24 |
| 26 | 118.1 | | | | | | | | | | | | | | | | 26 |
| 28 | 114.9 | | | | 116.6 | | | | | | | | | | | | 28 |
| 30 | 111.6 | | | | 113.9 | | | | 113 | | | | | | | | 30 |
| 32 | 108.4 | | | | 111.1 | | | | 110.8 | | | | 108.1 | | | | 32 |
| 34 | 105.3 | | | | 108.4 | | | | 108.3 | | | | 106 | | | | 34 |
| 36 | 102.8 | | | | 105.6 | | | | 105.9 | | | | 103.9 | | | | 36 |
| 38 | 100.4 | 81.4 | | | 102.9 | | | | 103.5 | | | | 101.8 | | | | 38 |
| 40 | 98 | 79.8 | | | 100.7 | | | | 101 | | | | 99.7 | | | | 40 |
| 45 | 92 | 75.7 | | | 95.4 | 76.6 | | | 95.7 | 76.4 | | | 94.6 | | | | 45 |
| 50 | 86.4 | 72.3 | 61.9 | | 90.1 | 73.1 | | | 91.2 | 73.4 | | | 90.5 | 72.8 | | | 50 |
| 55 | 82.1 | 69.1 | 59.8 | | 85.1 | 70.2 | 60 | | 86.6 | 70.5 | | | 86.6 | 70 | | | 55 |
| 60 | 78 | 66 | 57.6 | | 81.1 | 67.4 | 58 | | 82.1 | 67.9 | 58.1 | | 82.6 | 67.6 | 57.8 | | 60 |
| 65 | 73.8 | 63.4 | 55.5 | | 77.5 | 64.6 | 56.2 | | 78.7 | 65.4 | 56.3 | | 78.8 | 65.4 | 56.1 | | 65 |
| 70 | 70.2 | 60.9 | 53.5 | 40.4 | 73.8 | 62.4 | 54.4 | | 75.6 | 62.9 | 54.7 | | 76 | 63.2 | 54.6 | | 70 |
| 75 | 67.2 | 58.4 | 51.6 | 39.2 | 70.4 | 60.1 | 52.7 | 39.3 | 72.4 | 60.9 | 53.2 | 39.4 | 73.2 | 61.1 | 53.2 | | 75 |
| 80 | 64.5 | 56.3 | 49.7 | 38.1 | 67.4 | 57.8 | 51.1 | 38.4 | 69.2 | 59 | 51.7 | 38.5 | 70.4 | 59.3 | 51.8 | 38.6 | 80 |
| 85 | 61.8 | 54.3 | 48.1 | 37.1 | 65 | 55.8 | 49.4 | 37.4 | 66.5 | 57 | 50.3 | 37.6 | 67.6 | 57.6 | 50.6 | 37.8 | 85 |
| 90 | 59.1 | 52.3 | 46.6 | 36.2 | 62.5 | 54.2 | 48 | 36.6 | 64.2 | 55.2 | 48.9 | 36.8 | 65.3 | 55.8 | 49.3 | 37 | 90 |
| 95 | 56.4 | 50.4 | 45.1 | 35.3 | 60.1 | 52.5 | 46.7 | 35.8 | 62.1 | 53.6 | 47.6 | 36.1 | 63.1 | 54.1 | 48.1 | 36.3 | 95 |
| 100 | 54.1 | 48.5 | 43.7 | 34.5 | 57.7 | 50.8 | 45.3 | 35 | 60 | 52.2 | 46.4 | 35.4 | 61.2 | 52.8 | 47 | 35.6 | 100 |
| 105 | 52.2 | 46.9 | 42.4 | 33.8 | 55.3 | 49.1 | 44 | 34.3 | 57.8 | 50.7 | 45.3 | 34.7 | 59.3 | 51.4 | 45.9 | 35 | 105 |
| 110 | 50.3 | 45.4 | 41.3 | 33.2 | 53.4 | 47.6 | 42.8 | 33.6 | 55.7 | 49.2 | 44.1 | 34.1 | 57.5 | 50.1 | 44.9 | 34.4 | 110 |
| 115 | 48.3 | 43.9 | 40.1 | 32.5 | 51.7 | 46.2 | 41.8 | 33 | 53.6 | 47.8 | 42.9 | 33.5 | 55.6 | 48.8 | 43.9 | 33.8 | 115 |
| 120 | 46.4 | 42.4 | 39 | 32 | 50.1 | 44.8 | 40.8 | 32.4 | 52.1 | 46.5 | 41.9 | 32.9 | 53.7 | 47.5 | 42.9 | 33.2 | 120 |
| 125 | 44.7 | 41.1 | 38.1 | 31.4 | 48.4 | 43.5 | 39.8 | 31.9 | 50.6 | 45.3 | 41 | 32.4 | 51.9 | 46.3 | 41.9 | 32.7 | 125 |
| 130 | 43.3 | 40.1 | 37.2 | 31 | 46.8 | 42.2 | 38.9 | 31.5 | 49.2 | 44.1 | 40.1 | 32 | 50.6 | 45.2 | 41.1 | 32.3 | 130 |
| 135 | 41.9 | 39 | 36.3 | 30.6 | 45.1 | 41 | 38 | 31 | 47.8 | 42.9 | 39.2 | 31.5 | 49.4 | 44.2 | 40.3 | 31.8 | 135 |
| 140 | 40.5 | 37.9 | 35.6 | 30.2 | 43.8 | 40 | 37.2 | 30.7 | 46.3 | 41.8 | 38.4 | 31.1 | 48.1 | 43.2 | 39.5 | 31.4 | 140 |
| 145 | 39.1 | 36.8 | 34.9 | 30 | 42.6 | 39.1 | 36.4 | 30.3 | 44.9 | 40.6 | 37.6 | 30.7 | 46.8 | 42.2 | 38.7 | 31 | 145 |
| 150 | 37.9 | 36 | 34.3 | | 41.3 | 38.1 | 35.7 | 30 | 43.6 | 39.8 | 37 | 30.4 | 45.6 | 41.2 | 37.9 | 30.7 | 150 |
| 155 | 36.8 | 35.2 | 33.7 | | 40 | 37.2 | 35.1 | 29.8 | 42.5 | 38.9 | 36.3 | 30.1 | 44.3 | 40.3 | 37.3 | 30.4 | 155 |
| 160 | 35.9 | 34.5 | 33.2 | | 38.7 | 36.3 | 34.5 | 29.6 | 41.4 | 38.1 | 35.6 | 29.9 | 43.1 | 39.4 | 36.7 | 30.1 | 160 |
| 165 | 34.9 | 33.8 | 32.9 | | 37.6 | 35.6 | 34 | | 40.3 | 37.2 | 35.1 | 29.6 | 42.1 | 38.7 | 36.1 | 29.8 | 165 |
| 170 | 34 | 33.3 | 32.5 | | 36.7 | 34.9 | 33.5 | | 39.2 | 36.4 | 34.6 | 29.5 | 41.2 | 37.9 | 35.5 | 29.6 | 170 |
| 175 | 33.3 | 32.8 | | | 35.8 | 34.2 | 33.2 | | 38.1 | 35.7 | 34.1 | | 40.2 | 37.1 | 34.9 | 29.4 | 175 |
| 180 | 32.7 | 32.5 | | | 35 | 33.6 | 32.9 | | 37.1 | 35.1 | 33.7 | | 39.3 | 36.3 | 34.5 | 29.3 | 180 |
| 185 | 32.2 | | | | 34.1 | 33.1 | 32.6 | | 36.3 | 34.5 | 33.3 | | 38.3 | 35.6 | 34.1 | | 185 |
| 190 | | | | | 33.4 | 32.7 | | | 35.5 | 33.9 | 33 | | 37.3 | 35.1 | 33.6 | | 190 |
| 195 | | | | | 32.8 | 32.4 | | | 34.8 | 33.3 | 32.7 | | 36.5 | 34.6 | 33.2 | | 195 |
| 200 | | | | | 32.3 | | | | 34 | 32.9 | 32.5 | | 35.8 | 34 | 32.9 | | 200 |
| 205 | | | | | | | | | 33.3 | 32.5 | | | 35.2 | 33.5 | 32.7 | | 205 |
| 210 | | | | | | | | | 32.9 | 32.2 | | | 34.5 | 33 | 32.4 | | 210 |
| 215 | | | | | | | | | 32.4 | | | | 33.8 | 32.7 | 32.3 | | 215 |
| 220 | | | | | | | | | 32 | | | | 33.2 | 32.4 | | | 220 |
| 225 | | | | | | | | | | | | | 32.8 | 32.1 | | | 225 |
| 230 | | | | | | | | | | | | | 32.3 | 31.9 | | | 230 |
| 235 | | | | | | | | | | | | | 30.1 | | | | 235 |

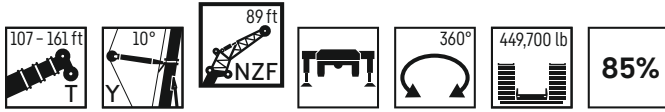
* adapter - pièce d'adaptateur

maxt_198_211_02501_00_000

Lifting capacities

Forces de levage

TYNZF 89 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 26 | 104 | | | | | | | | | | | | | | | | 26 |
| 28 | 101.3 | | | | 101.3 | | | | | | | | | | | | 28 |
| 30 | 98.6 | | | | 98.9 | | | | | | | | | | | | 30 |
| 32 | 95.8 | | | | 96.7 | | | | 96.3 | | | | | | | | 32 |
| 34 | 93.1 | | | | 94.5 | | | | 94.2 | | | | 92.2 | | | | 34 |
| 36 | 90.5 | | | | 92.2 | | | | 92.2 | | | | 90.6 | | | | 36 |
| 38 | 88.4 | | | | 90 | | | | 90.2 | | | | 89 | | | | 38 |
| 40 | 86.4 | | | | 87.7 | | | | 88.1 | | | | 87.3 | | | | 40 |
| 45 | 81.4 | 66.3 | | | 83.2 | 66.6 | | | 83.4 | | | | 83.2 | | | | 45 |
| 50 | 76.4 | 63.1 | | | 78.9 | 63.8 | | | 79.4 | 63.7 | | | 79.5 | 63 | | | 50 |
| 55 | 72.2 | 60.3 | | | 74.6 | 61 | | | 75.6 | 61.2 | | | 76.1 | 60.7 | | | 55 |
| 60 | 68.8 | 57.6 | 50.1 | | 70.7 | 58.6 | 50.1 | | 71.8 | 58.7 | | | 72.8 | 58.4 | | | 60 |
| 65 | 65.3 | 55.1 | 48.2 | | 67.6 | 56.3 | 48.5 | | 68.3 | 56.6 | 48.5 | | 69.5 | 56.4 | 48.2 | | 65 |
| 70 | 62 | 52.9 | 46.5 | | 64.6 | 54 | 46.9 | | 65.7 | 54.5 | 47.1 | | 66.5 | 54.6 | 46.9 | | 70 |
| 75 | 59.1 | 50.9 | 44.9 | | 61.5 | 52.1 | 45.5 | | 63 | 52.5 | 45.7 | | 64.2 | 52.7 | 45.6 | | 75 |
| 80 | 56.6 | 48.8 | 43.3 | 32.9 | 58.7 | 50.2 | 44 | | 60.4 | 50.9 | 44.4 | | 61.8 | 51 | 44.4 | | 80 |
| 85 | 54.3 | 47 | 41.7 | 32 | 56.2 | 48.4 | 42.7 | 32.1 | 57.8 | 49.2 | 43.1 | 32.2 | 59.4 | 49.5 | 43.2 | | 85 |
| 90 | 52.1 | 45.4 | 40.2 | 31.1 | 54.3 | 46.7 | 41.4 | 31.3 | 55.5 | 47.6 | 41.9 | 31.5 | 57 | 48 | 42.1 | 31.5 | 90 |
| 95 | 49.8 | 43.8 | 39 | 30.3 | 52.3 | 45.2 | 40.1 | 30.5 | 53.6 | 46 | 40.8 | 30.8 | 55 | 46.6 | 41.1 | 30.8 | 95 |
| 100 | 47.6 | 42.1 | 37.8 | 29.5 | 50.3 | 43.9 | 38.9 | 29.8 | 51.8 | 44.7 | 39.7 | 30.1 | 53.2 | 45.1 | 40.1 | 30.2 | 100 |
| 105 | 45.5 | 40.5 | 36.5 | 28.8 | 48.3 | 42.5 | 37.8 | 29.2 | 50.1 | 43.5 | 38.7 | 29.5 | 51.6 | 44 | 39.1 | 29.6 | 105 |
| 110 | 44 | 39.1 | 35.3 | 28.1 | 46.3 | 41.1 | 36.7 | 28.5 | 48.3 | 42.3 | 37.7 | 28.8 | 50 | 42.9 | 38.2 | 29 | 110 |
| 115 | 42.4 | 37.9 | 34.4 | 27.5 | 44.6 | 39.8 | 35.6 | 27.9 | 46.5 | 41.1 | 36.7 | 28.3 | 48.5 | 41.8 | 37.3 | 28.5 | 115 |
| 120 | 40.8 | 36.6 | 33.4 | 27 | 43.2 | 38.6 | 34.7 | 27.4 | 44.7 | 39.9 | 35.7 | 27.7 | 46.9 | 40.7 | 36.4 | 28 | 120 |
| 125 | 39.2 | 35.4 | 32.5 | 26.4 | 41.8 | 37.4 | 33.8 | 26.9 | 43.3 | 38.7 | 34.7 | 27.2 | 45.3 | 39.6 | 35.6 | 27.5 | 125 |
| 130 | 37.6 | 34.2 | 31.6 | 26 | 40.4 | 36.3 | 32.9 | 26.4 | 42.1 | 37.7 | 34 | 26.8 | 43.7 | 38.5 | 34.7 | 27 | 130 |
| 135 | 36.4 | 33.2 | 30.9 | 25.5 | 39 | 35.2 | 32.1 | 25.9 | 40.9 | 36.7 | 33.2 | 26.3 | 42.6 | 37.5 | 34 | 26.6 | 135 |
| 140 | 35.2 | 32.3 | 30.2 | 25.1 | 37.7 | 34.1 | 31.3 | 25.5 | 39.7 | 35.7 | 32.5 | 25.9 | 41.5 | 36.7 | 33.3 | 26.2 | 140 |
| 145 | 34.1 | 31.4 | 29.4 | 24.8 | 36.4 | 33.2 | 30.7 | 25.1 | 38.6 | 34.7 | 31.7 | 25.5 | 40.4 | 35.8 | 32.6 | 25.8 | 145 |
| 150 | 32.9 | 30.5 | 28.8 | 24.4 | 35.4 | 32.4 | 30 | 24.8 | 37.4 | 33.8 | 31 | 25.2 | 39.3 | 35 | 31.9 | 25.4 | 150 |
| 155 | 31.8 | 29.7 | 28.2 | 24.2 | 34.3 | 31.6 | 29.4 | 24.5 | 36.2 | 32.9 | 30.4 | 24.9 | 38.2 | 34.1 | 31.2 | 25.1 | 155 |
| 160 | 30.7 | 29 | 27.7 | 24 | 33.3 | 30.7 | 28.8 | 24.2 | 35.3 | 32.1 | 29.8 | 24.6 | 37.1 | 33.3 | 30.6 | 24.8 | 160 |
| 165 | 29.9 | 28.4 | 27.2 | | 32.3 | 29.9 | 28.3 | 24 | 34.3 | 31.4 | 29.3 | 24.3 | 36.1 | 32.5 | 30.1 | 24.5 | 165 |
| 170 | 29.1 | 27.7 | 26.8 | | 31.2 | 29.2 | 27.8 | 23.9 | 33.4 | 30.7 | 28.7 | 24.1 | 35.2 | 31.9 | 29.6 | 24.3 | 170 |
| 175 | 28.3 | 27.1 | 26.5 | | 30.3 | 28.6 | 27.4 | | 32.5 | 30 | 28.2 | 23.9 | 34.4 | 31.2 | 29.1 | 24.1 | 175 |
| 180 | 27.6 | 26.7 | 26.2 | | 29.6 | 28.1 | 26.9 | | 31.6 | 29.3 | 27.8 | 23.7 | 33.5 | 30.6 | 28.5 | 23.8 | 180 |
| 185 | 26.9 | 26.3 | | | 28.9 | 27.5 | 26.6 | | 30.7 | 28.7 | 27.4 | | 32.7 | 29.9 | 28.1 | 23.7 | 185 |
| 190 | 26.4 | 25.9 | | | 28.2 | 26.9 | 26.3 | | 29.9 | 28.2 | 27 | | 31.9 | 29.3 | 27.7 | 23.6 | 190 |
| 195 | 25.9 | | | | 27.5 | 26.5 | 26 | | 29.2 | 27.7 | 26.6 | | 31 | 28.7 | 27.3 | 23.5 | 195 |
| 200 | | | | | 26.9 | 26.2 | | | 28.6 | 27.2 | 26.4 | | 30.3 | 28.2 | 27 | | 200 |
| 205 | | | | | 26.4 | 25.9 | | | 27.9 | 26.7 | 26.2 | | 29.6 | 27.8 | 26.6 | | 205 |
| 210 | | | | | 25.9 | | | | 27.3 | 26.3 | 25.9 | | 29 | 27.3 | 26.4 | | 210 |
| 215 | | | | | | | | | 26.7 | 26 | | | 28.4 | 26.9 | 26.2 | | 215 |
| 220 | | | | | | | | | 26.3 | 25.7 | | | 27.8 | 26.4 | 26 | | 220 |
| 225 | | | | | | | | | 25.9 | 25.6 | | | 27.2 | 26.2 | 25.8 | | 225 |
| 230 | | | | | | | | | 25.6 | | | | 26.7 | 25.9 | | | 230 |
| 235 | | | | | | | | | | | | | 26.3 | 25.6 | | | 235 |
| 240 | | | | | | | | | | | | | 25.9 | 25.4 | | | 240 |
| 245 | | | | | | | | | | | | | 25.6 | | | | 245 |

* adapter - pièce d'adaptateur

maxt_198_211_02601_00_000

Lifting capacities

Forces de levage

TYNZF 100 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 26 | 92.3 | | | | | | | | | | | | | | | | 26 |
| 28 | 90.1 | | | | | | | | | | | | | | | | 28 |
| 30 | 87.8 | | | | 87.7 | | | | | | | | | | | | 30 |
| 32 | 85.6 | | | | 85.8 | | | | | | | | | | | | 32 |
| 34 | 83.3 | | | | 83.9 | | | | 83.6 | | | | | | | | 34 |
| 36 | 81 | | | | 82 | | | | 81.9 | | | | 80.4 | | | | 36 |
| 38 | 78.8 | | | | 80.1 | | | | 80.2 | | | | 78.9 | | | | 38 |
| 40 | 77 | | | | 78.2 | | | | 78.5 | | | | 77.3 | | | | 40 |
| 45 | 72.8 | 59.7 | | | 74 | | | | 74.2 | | | | 73.6 | | | | 45 |
| 50 | 68.6 | 56.8 | | | 70.3 | 57 | | | 70.6 | | | | 70 | | | | 50 |
| 55 | 64.6 | 54.1 | | | 66.7 | 54.6 | | | 67.4 | 54.7 | | | 67 | 54.1 | | | 55 |
| 60 | 61.4 | 51.8 | | | 63.2 | 52.3 | | | 64.2 | 52.5 | | | 64.1 | 52.2 | | | 60 |
| 65 | 58.5 | 49.5 | 42.5 | | 60.2 | 50.3 | 42.5 | | 61 | 50.5 | | | 61.3 | 50.3 | | | 65 |
| 70 | 55.6 | 47.3 | 40.9 | | 57.6 | 48.3 | 41.1 | | 58.3 | 48.7 | 41.1 | | 58.4 | 48.6 | 40.8 | | 70 |
| 75 | 52.8 | 45.6 | 39.5 | | 55.1 | 46.4 | 39.8 | | 56.1 | 47 | 39.9 | | 56.2 | 47 | 39.6 | | 75 |
| 80 | 50.5 | 43.8 | 38.1 | | 52.5 | 44.8 | 38.6 | | 53.8 | 45.2 | 38.7 | | 54.2 | 45.4 | 38.5 | | 80 |
| 85 | 48.4 | 42 | 36.8 | | 50.2 | 43.2 | 37.3 | | 51.5 | 43.8 | 37.6 | | 52.2 | 43.9 | 37.5 | | 85 |
| 90 | 46.5 | 40.5 | 35.4 | 28.1 | 48.2 | 41.7 | 36.2 | 28.2 | 49.4 | 42.4 | 36.5 | | 50.2 | 42.6 | 36.5 | | 90 |
| 95 | 44.6 | 39.1 | 34.1 | 27.3 | 46.5 | 40.2 | 35.1 | 27.4 | 47.4 | 41 | 35.5 | 27.5 | 48.2 | 41.3 | 35.5 | 27.5 | 95 |
| 100 | 42.7 | 37.8 | 33 | 26.5 | 44.8 | 39 | 33.9 | 26.7 | 45.9 | 39.6 | 34.5 | 26.8 | 46.5 | 40.1 | 34.7 | 26.9 | 100 |
| 105 | 40.8 | 36.4 | 32 | 25.8 | 43.1 | 37.8 | 32.9 | 26 | 44.4 | 38.5 | 33.6 | 26.2 | 45 | 38.8 | 33.8 | 26.3 | 105 |
| 110 | 39.1 | 35 | 30.9 | 25.1 | 41.4 | 36.6 | 32 | 25.4 | 42.9 | 37.4 | 32.7 | 25.7 | 43.7 | 37.8 | 33 | 25.8 | 110 |
| 115 | 37.7 | 33.8 | 29.9 | 24.5 | 39.7 | 35.4 | 31 | 24.8 | 41.4 | 36.4 | 31.8 | 25.1 | 42.3 | 36.8 | 32.2 | 25.2 | 115 |
| 120 | 36.4 | 32.7 | 29 | 23.9 | 38.2 | 34.2 | 30.1 | 24.3 | 39.9 | 35.3 | 31 | 24.6 | 41 | 35.9 | 31.4 | 24.7 | 120 |
| 125 | 35 | 31.6 | 28.2 | 23.4 | 37 | 33.1 | 29.1 | 23.7 | 38.4 | 34.3 | 30.1 | 24.1 | 39.7 | 35 | 30.7 | 24.3 | 125 |
| 130 | 33.7 | 30.5 | 27.4 | 22.8 | 35.8 | 32.2 | 28.4 | 23.2 | 37.2 | 33.3 | 29.3 | 23.6 | 38.4 | 34 | 29.9 | 23.8 | 130 |
| 135 | 32.4 | 29.5 | 26.6 | 22.4 | 34.6 | 31.2 | 27.7 | 22.8 | 36.1 | 32.3 | 28.5 | 23.1 | 37 | 33.1 | 29.2 | 23.4 | 135 |
| 140 | 31.1 | 28.5 | 25.9 | 22 | 33.4 | 30.2 | 27 | 22.3 | 35 | 31.5 | 27.8 | 22.7 | 36 | 32.3 | 28.4 | 23 | 140 |
| 145 | 30.1 | 27.7 | 25.3 | 21.5 | 32.2 | 29.3 | 26.3 | 21.9 | 34 | 30.6 | 27.2 | 22.3 | 35 | 31.5 | 27.8 | 22.6 | 145 |
| 150 | 29.1 | 26.9 | 24.6 | 21.2 | 31.1 | 28.4 | 25.6 | 21.6 | 33 | 29.8 | 26.5 | 21.9 | 34.2 | 30.7 | 27.2 | 22.2 | 150 |
| 155 | 28.1 | 26.1 | 24 | 20.8 | 30.2 | 27.6 | 25.1 | 21.2 | 32 | 28.9 | 25.9 | 21.6 | 33.3 | 30 | 26.6 | 21.9 | 155 |
| 160 | 27.1 | 25.2 | 23.5 | 20.5 | 29.2 | 26.9 | 24.5 | 20.9 | 31 | 28.1 | 25.3 | 21.3 | 32.4 | 29.2 | 26.1 | 21.6 | 160 |
| 165 | 26.1 | 24.6 | 23 | 20.3 | 28.3 | 26.2 | 24 | 20.6 | 30.1 | 27.4 | 24.8 | 21 | 31.5 | 28.5 | 25.5 | 21.3 | 165 |
| 170 | 25.3 | 24 | 22.6 | 20.1 | 27.4 | 25.5 | 23.5 | 20.4 | 29.3 | 26.7 | 24.4 | 20.7 | 30.6 | 27.7 | 25 | 20.9 | 170 |
| 175 | 24.6 | 23.4 | 22.1 | | 26.6 | 24.8 | 23 | 20.2 | 28.5 | 26.1 | 23.9 | 20.5 | 29.7 | 27.1 | 24.6 | 20.7 | 175 |
| 180 | 23.9 | 22.8 | 21.8 | | 25.7 | 24.2 | 22.6 | 20 | 27.7 | 25.5 | 23.4 | 20.2 | 29 | 26.5 | 24.1 | 20.5 | 180 |
| 185 | 23.2 | 22.3 | 21.5 | | 24.9 | 23.7 | 22.3 | | 26.9 | 24.9 | 23 | 20.1 | 28.3 | 26 | 23.7 | 20.3 | 185 |
| 190 | 22.5 | 21.8 | 21.2 | | 24.3 | 23.2 | 21.9 | | 26.1 | 24.3 | 22.6 | 19.9 | 27.6 | 25.4 | 23.2 | 20.1 | 190 |
| 195 | 22 | 21.5 | | | 23.7 | 22.7 | 21.6 | | 25.3 | 23.8 | 22.3 | 19.8 | 26.9 | 24.9 | 22.8 | 19.9 | 195 |
| 200 | 21.5 | 21.1 | | | 23 | 22.2 | 21.3 | | 24.7 | 23.3 | 21.9 | | 26.2 | 24.3 | 22.5 | 19.8 | 200 |
| 205 | 21 | | | | 22.4 | 21.8 | 21.1 | | 24.1 | 22.9 | 21.6 | | 25.5 | 23.8 | 22.2 | 19.6 | 205 |
| 210 | | | | | 21.9 | 21.5 | 20.9 | | 23.6 | 22.5 | 21.4 | | 24.9 | 23.4 | 21.9 | | 210 |
| 215 | | | | | 21.5 | 21.2 | | | 23 | 22 | 21.2 | | 24.3 | 23 | 21.6 | | 215 |
| 220 | | | | | 21.1 | | | | 22.5 | 21.7 | 21 | | 23.8 | 22.6 | 21.3 | | 220 |
| 225 | | | | | 20.9 | | | | 21.9 | 21.4 | 20.8 | | 23.3 | 22.2 | 21.2 | | 225 |
| 230 | | | | | | | | | 21.6 | 21.1 | | | 22.8 | 21.8 | 21 | | 230 |
| 235 | | | | | | | | | 21.2 | 20.9 | | | 22.3 | 21.5 | 20.8 | | 235 |
| 240 | | | | | | | | | 20.8 | | | | 21.8 | 21.2 | 20.8 | | 240 |
| 245 | | | | | | | | | | | | | 21.4 | 21 | | | 245 |
| 250 | | | | | | | | | | | | | 21.1 | 20.8 | | | 250 |
| 255 | | | | | | | | | | | | | 20.8 | | | | 255 |
| 260 | | | | | | | | | | | | | 19.5 | | | | 260 |

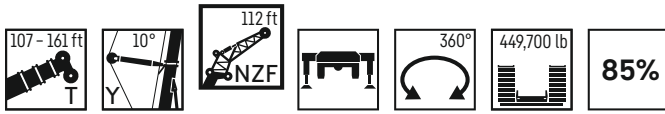
* adapter - pièce d'adaptateur

maxt_198_211_02701_00_000

Lifting capacities

Forces de levage

TYNZF 112 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 28 | 80 | | | | | | | | | | | | | | | | 28 |
| 30 | 78.1 | | | | | | | | | | | | | | | | 30 |
| 32 | 76.1 | | | | 75.8 | | | | | | | | | | | | 32 |
| 34 | 74.2 | | | | 74.2 | | | | | | | | | | | | 34 |
| 36 | 72.3 | | | | 72.6 | | | | 72.4 | | | | | | | | 36 |
| 38 | 70.3 | | | | 71 | | | | 71 | | | | 69.7 | | | | 38 |
| 40 | 68.5 | | | | 69.4 | | | | 69.6 | | | | 68.4 | | | | 40 |
| 45 | 64.8 | | | | 65.6 | | | | 66 | | | | 65.1 | | | | 45 |
| 50 | 61.3 | 50.6 | | | 62.4 | | | | 62.6 | | | | 61.9 | | | | 50 |
| 55 | 57.7 | 48.3 | | | 59.4 | 48.5 | | | 59.7 | | | | 59.1 | | | | 55 |
| 60 | 54.5 | 46.1 | | | 56.4 | 46.4 | | | 57 | 46.5 | | | 56.7 | 46.1 | | | 60 |
| 65 | 52 | 44.2 | | | 53.3 | 44.6 | | | 54.3 | 44.7 | | | 54.2 | 44.4 | | | 65 |
| 70 | 49.6 | 42.2 | 36.3 | | 51.1 | 42.9 | | | 51.6 | 43 | | | 51.8 | 42.8 | | | 70 |
| 75 | 47.2 | 40.4 | 34.9 | | 49 | 41.2 | 35 | | 49.6 | 41.5 | 35 | | 49.5 | 41.3 | | | 75 |
| 80 | 44.9 | 38.9 | 33.7 | | 46.8 | 39.6 | 33.9 | | 47.7 | 40 | 33.9 | | 47.8 | 40 | 33.7 | | 80 |
| 85 | 42.9 | 37.4 | 32.6 | | 44.6 | 38.2 | 32.9 | | 45.7 | 38.5 | 32.9 | | 46.1 | 38.6 | 32.8 | | 85 |
| 90 | 41.2 | 35.9 | 31.4 | | 42.7 | 36.9 | 31.8 | | 43.8 | 37.3 | 32 | | 44.4 | 37.3 | 31.9 | | 90 |
| 95 | 39.6 | 34.5 | 30.3 | 23.9 | 41 | 35.6 | 30.8 | | 42.1 | 36.1 | 31 | | 42.7 | 36.2 | 31 | | 95 |
| 100 | 38 | 33.4 | 29.1 | 23.2 | 39.6 | 34.3 | 29.9 | 23.2 | 40.4 | 34.9 | 30.1 | | 41.1 | 35.2 | 30.2 | | 100 |
| 105 | 36.4 | 32.2 | 28.1 | 22.5 | 38.2 | 33.2 | 28.9 | 22.6 | 39.1 | 33.7 | 29.3 | | 39.6 | 34.1 | 29.4 | 22.7 | 105 |
| 110 | 34.9 | 31 | 27.2 | 21.8 | 36.7 | 32.2 | 27.9 | 22 | 37.8 | 32.7 | 28.5 | 22.1 | 38.3 | 33 | 28.7 | 22.2 | 110 |
| 115 | 33.3 | 29.9 | 26.3 | 21.2 | 35.3 | 31.2 | 27.1 | 21.4 | 36.5 | 31.8 | 27.7 | 21.6 | 37.2 | 32.1 | 28 | 21.7 | 115 |
| 120 | 32.1 | 28.8 | 25.4 | 20.7 | 33.9 | 30.2 | 26.3 | 20.9 | 35.3 | 30.9 | 26.9 | 21.1 | 36 | 31.3 | 27.3 | 21.2 | 120 |
| 125 | 31 | 27.8 | 24.6 | 20.1 | 32.6 | 29.1 | 25.5 | 20.4 | 34 | 30 | 26.2 | 20.6 | 34.9 | 30.5 | 26.6 | 20.8 | 125 |
| 130 | 29.8 | 26.9 | 23.8 | 19.6 | 31.5 | 28.2 | 24.7 | 19.9 | 32.7 | 29.2 | 25.5 | 20.2 | 33.8 | 29.7 | 25.9 | 20.3 | 130 |
| 135 | 28.7 | 26 | 23.2 | 19.1 | 30.5 | 27.3 | 24 | 19.5 | 31.6 | 28.3 | 24.8 | 19.8 | 32.6 | 28.9 | 25.3 | 19.9 | 135 |
| 140 | 27.6 | 25 | 22.5 | 18.7 | 29.5 | 26.5 | 23.3 | 19 | 30.6 | 27.4 | 24 | 19.3 | 31.5 | 28.1 | 24.6 | 19.6 | 140 |
| 145 | 26.4 | 24.1 | 21.8 | 18.3 | 28.5 | 25.7 | 22.7 | 18.7 | 29.7 | 26.7 | 23.4 | 18.9 | 30.5 | 27.3 | 24 | 19.2 | 145 |
| 150 | 25.5 | 23.3 | 21.2 | 17.9 | 27.5 | 24.9 | 22.1 | 18.3 | 28.8 | 26 | 22.9 | 18.6 | 29.7 | 26.6 | 23.4 | 18.8 | 150 |
| 155 | 24.7 | 22.7 | 20.7 | 17.6 | 26.5 | 24 | 21.5 | 17.9 | 28 | 25.2 | 22.3 | 18.2 | 28.9 | 25.9 | 22.9 | 18.5 | 155 |
| 160 | 23.9 | 22 | 20.2 | 17.2 | 25.6 | 23.3 | 20.9 | 17.6 | 27.1 | 24.5 | 21.8 | 17.9 | 28.2 | 25.3 | 22.4 | 18.2 | 160 |
| 165 | 23 | 21.4 | 19.6 | 17 | 24.8 | 22.6 | 20.5 | 17.3 | 26.2 | 23.7 | 21.2 | 17.6 | 27.4 | 24.6 | 21.8 | 17.8 | 165 |
| 170 | 22.2 | 20.7 | 19.2 | 16.7 | 24 | 22 | 20 | 17 | 25.4 | 23 | 20.7 | 17.3 | 26.6 | 24 | 21.3 | 17.6 | 170 |
| 175 | 21.4 | 20.1 | 18.8 | 16.5 | 23.3 | 21.5 | 19.6 | 16.8 | 24.7 | 22.5 | 20.3 | 17.1 | 25.9 | 23.4 | 20.9 | 17.3 | 175 |
| 180 | 20.7 | 19.6 | 18.4 | 16.3 | 22.5 | 20.9 | 19.1 | 16.5 | 24 | 21.9 | 19.9 | 16.8 | 25.1 | 22.7 | 20.4 | 17.1 | 180 |
| 185 | 20.1 | 19.1 | 18 | | 21.8 | 20.3 | 18.7 | 16.3 | 23.3 | 21.4 | 19.4 | 16.6 | 24.4 | 22.2 | 20.1 | 16.8 | 185 |
| 190 | 19.5 | 18.6 | 17.6 | | 21.1 | 19.7 | 18.4 | 16.2 | 22.7 | 20.9 | 19 | 16.4 | 23.8 | 21.8 | 19.7 | 16.6 | 190 |
| 195 | 19 | 18.2 | 17.4 | | 20.4 | 19.3 | 18.1 | 16 | 22 | 20.3 | 18.6 | 16.2 | 23.2 | 21.3 | 19.3 | 16.4 | 195 |
| 200 | 18.4 | 17.8 | 17.2 | | 19.9 | 18.9 | 17.7 | | 21.3 | 19.8 | 18.3 | 16.1 | 22.6 | 20.8 | 18.9 | 16.2 | 200 |
| 205 | 17.9 | 17.5 | 17 | | 19.4 | 18.4 | 17.4 | | 20.6 | 19.4 | 18 | 16 | 22 | 20.3 | 18.5 | 16.1 | 205 |
| 210 | 17.5 | 17.2 | | | 18.8 | 18 | 17.2 | | 20.1 | 19 | 17.8 | | 21.4 | 19.8 | 18.3 | 16 | 210 |
| 215 | 17.1 | | | | 18.3 | 17.7 | 17 | | 19.6 | 18.6 | 17.5 | | 20.8 | 19.4 | 18 | 15.9 | 215 |
| 220 | | | | | 17.9 | 17.4 | 16.9 | | 19.1 | 18.2 | 17.2 | | 20.2 | 19 | 17.7 | | 220 |
| 225 | | | | | 17.5 | 17.1 | | | 18.7 | 17.8 | 17.1 | | 19.8 | 18.7 | 17.5 | | 225 |
| 230 | | | | | 17.2 | 16.9 | | | 18.2 | 17.5 | 16.9 | | 19.3 | 18.3 | 17.2 | | 230 |
| 235 | | | | | 16.8 | | | | 17.7 | 17.3 | 16.7 | | 18.9 | 18 | 17.1 | | 235 |
| 240 | | | | | | | | | 17.4 | 17 | | | 18.5 | 17.6 | 16.9 | | 240 |
| 245 | | | | | | | | | 17.1 | 16.8 | | | 18 | 17.4 | 16.7 | | 245 |
| 250 | | | | | | | | | 16.8 | | | | 17.6 | 17.2 | 16.7 | | 250 |
| 255 | | | | | | | | | | | | | 17.3 | 17 | | | 255 |
| 260 | | | | | | | | | | | | | 17.1 | 16.8 | | | 260 |
| 265 | | | | | | | | | | | | | 16.8 | | | | 265 |
| 270 | | | | | | | | | | | | | 16.6 | | | | 270 |

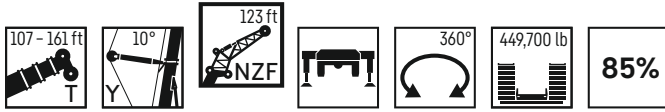
* adapter - pièce d'adaptateur

maxt_198_211_02801_00_000

Lifting capacities

Forces de levage

TYNZF 123 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 30 | 69.4 | | | | | | | | | | | | | | | | 30 |
| 32 | 67.8 | | | | 67.1 | | | | | | | | | | | | 32 |
| 34 | 66.2 | | | | 65.6 | | | | | | | | | | | | 34 |
| 36 | 64.5 | | | | 64.3 | | | | | | | | | | | | 36 |
| 38 | 62.9 | | | | 63 | | | | 62.9 | | | | | | | | 38 |
| 40 | 61.3 | | | | 61.7 | | | | 61.7 | | | | 61.5 | | | | 40 |
| 45 | 57.8 | | | | 58.4 | | | | 58.7 | | | | 58.8 | | | | 45 |
| 50 | 54.9 | | | | 55.5 | | | | 55.8 | | | | 56.1 | | | | 50 |
| 55 | 51.9 | 43.4 | | | 52.9 | | | | 53.1 | | | | 53.5 | | | | 55 |
| 60 | 49 | 41.4 | | | 50.4 | 41.5 | | | 50.8 | 41.4 | | | 51.3 | | | | 60 |
| 65 | 46.5 | 39.5 | | | 47.8 | 39.8 | | | 48.6 | 39.9 | | | 49.2 | 39.5 | | | 65 |
| 70 | 44.5 | 37.9 | | | 45.6 | 38.2 | | | 46.4 | 38.3 | | | 47.1 | 38.1 | | | 70 |
| 75 | 42.5 | 36.3 | 31.3 | | 43.7 | 36.8 | | | 44.3 | 37 | | | 45 | 36.7 | | | 75 |
| 80 | 40.4 | 34.8 | 30.1 | | 41.9 | 35.4 | 30.8 | | 42.6 | 35.7 | 30.9 | | 43.2 | 35.5 | | | 80 |
| 85 | 38.5 | 33.5 | 29.1 | | 40 | 34 | 29.7 | | 41 | 34.4 | 29.9 | | 41.7 | 34.3 | 29.9 | | 85 |
| 90 | 36.8 | 32.3 | 28.1 | | 38.2 | 32.9 | 28.8 | | 39.4 | 33.2 | 29 | | 40.2 | 33.2 | 29.1 | | 90 |
| 95 | 35.4 | 31 | 27.1 | | 36.6 | 31.8 | 27.8 | | 37.8 | 32.1 | 28.1 | | 38.7 | 32.1 | 28.3 | | 95 |
| 100 | 34.1 | 29.8 | 26.1 | | 35.2 | 30.6 | 27 | | 36.3 | 31 | 27.3 | | 37.1 | 31.1 | 27.5 | | 100 |
| 105 | 32.7 | 28.8 | 25.1 | 20 | 34 | 29.5 | 26.1 | | 34.8 | 30 | 26.5 | | 35.8 | 30.2 | 26.7 | | 105 |
| 110 | 31.4 | 27.8 | 24.1 | 19.3 | 32.8 | 28.5 | 25.3 | 19.4 | 33.8 | 29 | 25.8 | 19.5 | 34.6 | 29.3 | 26.1 | | 110 |
| 115 | 30.1 | 26.8 | 23.3 | 18.8 | 31.6 | 27.7 | 24.4 | 18.9 | 32.7 | 28.1 | 25.1 | 19 | 33.5 | 28.4 | 25.4 | 19 | 115 |
| 120 | 28.7 | 25.8 | 22.6 | 18.2 | 30.4 | 26.8 | 23.7 | 18.3 | 31.6 | 27.3 | 24.3 | 18.5 | 32.5 | 27.5 | 24.8 | 18.5 | 120 |
| 125 | 27.7 | 24.8 | 21.8 | 17.7 | 29.2 | 26 | 23 | 17.8 | 30.4 | 26.6 | 23.6 | 18 | 31.4 | 26.8 | 24.1 | 18.1 | 125 |
| 130 | 26.7 | 23.9 | 21.1 | 17.2 | 28 | 25.1 | 22.2 | 17.4 | 29.3 | 25.8 | 23 | 17.6 | 30.4 | 26.2 | 23.5 | 17.7 | 130 |
| 135 | 25.7 | 23.1 | 20.3 | 16.7 | 27 | 24.2 | 21.5 | 16.9 | 28.2 | 25 | 22.4 | 17.1 | 29.4 | 25.5 | 22.9 | 17.3 | 135 |
| 140 | 24.7 | 22.3 | 19.8 | 16.3 | 26.1 | 23.4 | 20.8 | 16.5 | 27.2 | 24.3 | 21.7 | 16.8 | 28.3 | 24.8 | 22.3 | 16.9 | 140 |
| 145 | 23.8 | 21.6 | 19.2 | 15.9 | 25.3 | 22.7 | 20.2 | 16.1 | 26.4 | 23.5 | 21.1 | 16.4 | 27.3 | 24.1 | 21.7 | 16.5 | 145 |
| 150 | 22.8 | 20.8 | 18.6 | 15.5 | 24.4 | 22 | 19.6 | 15.8 | 25.6 | 22.9 | 20.5 | 16 | 26.5 | 23.4 | 21.2 | 16.2 | 150 |
| 155 | 21.9 | 20 | 18 | 15.1 | 23.6 | 21.3 | 19.1 | 15.4 | 24.8 | 22.2 | 20 | 15.7 | 25.8 | 22.8 | 20.6 | 15.9 | 155 |
| 160 | 21.1 | 19.3 | 17.5 | 14.8 | 22.7 | 20.6 | 18.5 | 15.1 | 24.1 | 21.6 | 19.4 | 15.4 | 25.1 | 22.2 | 20.1 | 15.5 | 160 |
| 165 | 20.4 | 18.8 | 17.1 | 14.5 | 21.9 | 19.9 | 18 | 14.8 | 23.3 | 20.9 | 19 | 15.1 | 24.4 | 21.6 | 19.6 | 15.3 | 165 |
| 170 | 19.7 | 18.2 | 16.6 | 14.2 | 21.2 | 19.3 | 17.5 | 14.5 | 22.6 | 20.3 | 18.5 | 14.8 | 23.7 | 21.1 | 19.2 | 15 | 170 |
| 175 | 19.1 | 17.6 | 16.1 | 14 | 20.5 | 18.8 | 17.1 | 14.2 | 21.8 | 19.6 | 18 | 14.5 | 23 | 20.5 | 18.7 | 14.7 | 175 |
| 180 | 18.4 | 17.1 | 15.7 | 13.7 | 19.9 | 18.2 | 16.7 | 14 | 21.2 | 19.1 | 17.6 | 14.2 | 22.3 | 19.9 | 18.2 | 14.5 | 180 |
| 185 | 17.7 | 16.6 | 15.4 | 13.5 | 19.2 | 17.7 | 16.3 | 13.8 | 20.6 | 18.6 | 17.2 | 14 | 21.7 | 19.4 | 17.8 | 14.2 | 185 |
| 190 | 17.1 | 16.1 | 15.1 | 13.4 | 18.6 | 17.2 | 15.9 | 13.6 | 20 | 18.1 | 16.8 | 13.8 | 21 | 18.8 | 17.4 | 14 | 190 |
| 195 | 16.6 | 15.7 | 14.7 | | 18 | 16.7 | 15.5 | 13.4 | 19.4 | 17.7 | 16.5 | 13.6 | 20.5 | 18.4 | 17.1 | 13.8 | 195 |
| 200 | 16.1 | 15.3 | 14.4 | | 17.3 | 16.2 | 15.2 | 13.2 | 18.8 | 17.2 | 16.1 | 13.4 | 19.9 | 18 | 16.7 | 13.6 | 200 |
| 205 | 15.6 | 14.9 | 14.2 | | 16.8 | 15.9 | 14.9 | 13.1 | 18.2 | 16.7 | 15.7 | 13.3 | 19.4 | 17.6 | 16.4 | 13.5 | 205 |
| 210 | 15.1 | 14.6 | 14 | | 16.4 | 15.5 | 14.6 | | 17.6 | 16.3 | 15.5 | 13.1 | 18.9 | 17.1 | 16 | 13.3 | 210 |
| 215 | 14.7 | 14.3 | 13.8 | | 15.9 | 15.1 | 14.3 | | 17 | 15.9 | 15.2 | 13 | 18.3 | 16.7 | 15.7 | 13.2 | 215 |
| 220 | 14.3 | 14 | | | 15.4 | 14.8 | 14.2 | | 16.6 | 15.6 | 14.9 | | 17.8 | 16.3 | 15.5 | 13 | 220 |
| 225 | 14 | 13.8 | | | 15 | 14.5 | 14 | | 16.2 | 15.2 | 14.7 | | 17.3 | 15.9 | 15.2 | 13 | 225 |
| 230 | 13.8 | | | | 14.6 | 14.2 | 13.8 | | 15.8 | 14.9 | 14.4 | | 16.8 | 15.6 | 15 | | 230 |
| 235 | | | | | 14.3 | 14 | | | 15.4 | 14.6 | 14.3 | | 16.4 | 15.3 | 14.7 | | 235 |
| 240 | | | | | 14 | 13.8 | | | 15 | 14.3 | 14.1 | | 16 | 15 | 14.5 | | 240 |
| 245 | | | | | 13.7 | | | | 14.6 | 14.1 | 14 | | 15.6 | 14.7 | 14.3 | | 245 |
| 250 | | | | | | | | | 14.3 | 13.9 | | | 15.2 | 14.4 | 14.2 | | 250 |
| 255 | | | | | | | | | 14 | 13.7 | | | 14.8 | 14.2 | 14 | | 255 |
| 260 | | | | | | | | | 13.7 | | | | 14.5 | 14 | 13.9 | | 260 |
| 265 | | | | | | | | | 13.5 | | | | 14.2 | 13.8 | | | 265 |
| 270 | | | | | | | | | | | | | 14 | 13.6 | | | 270 |
| 275 | | | | | | | | | | | | | 13.7 | 13.5 | | | 275 |
| 280 | | | | | | | | | | | | | 13.5 | | | | 280 |

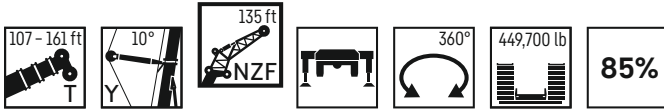
* adapter - pièce d'adaptateur

maxt_198_211_02901_00_000

Lifting capacities

Forces de levage

TYNZF 135 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 32 | 60.9 | | | | | | | | | | | | | | | | 32 |
| 34 | 59.7 | | | | 59.4 | | | | | | | | | | | | 34 |
| 36 | 58.4 | | | | 58.3 | | | | | | | | | | | | 36 |
| 38 | 57.1 | | | | 57.2 | | | | 56.8 | | | | | | | | 38 |
| 40 | 55.8 | | | | 56.1 | | | | 55.9 | | | | | | | | 40 |
| 45 | 52.7 | | | | 53.2 | | | | 53.4 | | | | 52.6 | | | | 45 |
| 50 | 50.1 | | | | 50.5 | | | | 50.8 | | | | 50.2 | | | | 50 |
| 55 | 47.5 | | | | 48.2 | | | | 48.4 | | | | 47.9 | | | | 55 |
| 60 | 45 | 37.3 | | | 46 | 37.1 | | | 46.3 | | | | 45.8 | | | | 60 |
| 65 | 42.5 | 35.6 | | | 43.8 | 35.6 | | | 44.3 | 35.6 | | | 44 | | | | 65 |
| 70 | 40.6 | 34.1 | | | 41.6 | 34.2 | | | 42.3 | 34.3 | | | 42.2 | 34 | | | 70 |
| 75 | 38.8 | 32.6 | | | 39.7 | 32.9 | | | 40.3 | 33 | | | 40.4 | 32.7 | | | 75 |
| 80 | 37.1 | 31.2 | 27.7 | | 38.2 | 31.6 | | | 38.6 | 31.8 | | | 38.6 | 31.6 | | | 80 |
| 85 | 35.3 | 29.9 | 26.7 | | 36.6 | 30.4 | 26.7 | | 37.1 | 30.7 | | | 37.1 | 30.5 | | | 85 |
| 90 | 33.7 | 28.8 | 25.7 | | 35 | 29.2 | 25.8 | | 35.7 | 29.5 | 25.9 | | 35.8 | 29.5 | 25.7 | | 90 |
| 95 | 32.2 | 27.7 | 24.8 | | 33.5 | 28.2 | 25 | | 34.3 | 28.5 | 25 | | 34.6 | 28.5 | 24.9 | | 95 |
| 100 | 31 | 26.7 | 24 | | 32 | 27.3 | 24.2 | | 32.9 | 27.5 | 24.3 | | 33.3 | 27.6 | 24.2 | | 100 |
| 105 | 29.8 | 25.6 | 23.1 | | 30.8 | 26.3 | 23.4 | | 31.6 | 26.7 | 23.6 | | 32 | 26.7 | 23.5 | | 105 |
| 110 | 28.7 | 24.7 | 22.3 | | 29.8 | 25.3 | 22.7 | | 30.3 | 25.8 | 22.9 | | 30.8 | 25.9 | 22.9 | | 110 |
| 115 | 27.5 | 23.8 | 21.4 | 16.4 | 28.7 | 24.5 | 22 | 16.5 | 29.4 | 24.9 | 22.2 | | 29.7 | 25.1 | 22.3 | | 115 |
| 120 | 26.3 | 23 | 20.6 | 15.9 | 27.5 | 23.7 | 21.2 | 15.9 | 28.4 | 24 | 21.6 | 16 | 28.8 | 24.3 | 21.7 | | 120 |
| 125 | 25.1 | 22.1 | 19.9 | 15.4 | 26.4 | 22.9 | 20.5 | 15.4 | 27.5 | 23.4 | 21 | 15.6 | 27.9 | 23.6 | 21.1 | 15.6 | 125 |
| 130 | 24.1 | 21.3 | 19.2 | 14.9 | 25.4 | 22.2 | 19.9 | 15 | 26.5 | 22.7 | 20.3 | 15.1 | 27.1 | 22.9 | 20.6 | 15.2 | 130 |
| 135 | 23.3 | 20.5 | 18.6 | 14.4 | 24.3 | 21.5 | 19.2 | 14.6 | 25.6 | 22.1 | 19.7 | 14.7 | 26.2 | 22.3 | 20 | 14.8 | 135 |
| 140 | 22.4 | 19.7 | 17.9 | 14 | 23.5 | 20.7 | 18.6 | 14.2 | 24.6 | 21.4 | 19.2 | 14.3 | 25.3 | 21.7 | 19.5 | 14.4 | 140 |
| 145 | 21.5 | 19 | 17.3 | 13.6 | 22.7 | 20 | 18 | 13.8 | 23.7 | 20.7 | 18.6 | 14 | 24.5 | 21.1 | 19 | 14.1 | 145 |
| 150 | 20.7 | 18.3 | 16.7 | 13.2 | 21.9 | 19.3 | 17.4 | 13.4 | 22.9 | 20.1 | 18 | 13.6 | 23.6 | 20.5 | 18.5 | 13.7 | 150 |
| 155 | 19.8 | 17.7 | 16.2 | 12.9 | 21.2 | 18.7 | 16.9 | 13 | 22.2 | 19.4 | 17.5 | 13.3 | 22.8 | 19.9 | 17.9 | 13.4 | 155 |
| 160 | 18.9 | 17 | 15.7 | 12.5 | 20.4 | 18.1 | 16.4 | 12.7 | 21.5 | 18.9 | 16.9 | 13 | 22.2 | 19.3 | 17.4 | 13.1 | 160 |
| 165 | 18.2 | 16.3 | 15.2 | 12.2 | 19.7 | 17.4 | 15.9 | 12.4 | 20.9 | 18.3 | 16.5 | 12.7 | 21.5 | 18.7 | 16.9 | 12.8 | 165 |
| 170 | 17.6 | 15.8 | 14.7 | 11.9 | 18.9 | 16.8 | 15.4 | 12.1 | 20.2 | 17.7 | 16 | 12.4 | 21 | 18.3 | 16.5 | 12.5 | 170 |
| 175 | 17 | 15.3 | 14.3 | 11.6 | 18.2 | 16.2 | 15 | 11.9 | 19.6 | 17.2 | 15.6 | 12.1 | 20.4 | 17.8 | 16.1 | 12.3 | 175 |
| 180 | 16.3 | 14.8 | 13.9 | 11.4 | 17.6 | 15.7 | 14.6 | 11.6 | 18.9 | 16.6 | 15.1 | 11.8 | 19.8 | 17.3 | 15.7 | 12 | 180 |
| 185 | 15.7 | 14.3 | 13.5 | 11.1 | 17.1 | 15.3 | 14.2 | 11.4 | 18.3 | 16 | 14.7 | 11.6 | 19.2 | 16.8 | 15.3 | 11.8 | 185 |
| 190 | 15 | 13.8 | 13.1 | 10.9 | 16.5 | 14.8 | 13.8 | 11.2 | 17.7 | 15.6 | 14.4 | 11.4 | 18.7 | 16.3 | 14.9 | 11.6 | 190 |
| 195 | 14.4 | 13.3 | 12.8 | 10.8 | 15.9 | 14.4 | 13.5 | 11 | 17.2 | 15.1 | 14 | 11.2 | 18.1 | 15.8 | 14.5 | 11.4 | 195 |
| 200 | 14 | 13 | 12.5 | 10.6 | 15.3 | 13.9 | 13.1 | 10.8 | 16.6 | 14.7 | 13.7 | 11 | 17.6 | 15.4 | 14.2 | 11.2 | 200 |
| 205 | 13.5 | 12.6 | 12.2 | 10.5 | 14.8 | 13.5 | 12.8 | 10.6 | 16.1 | 14.3 | 13.4 | 10.8 | 17.1 | 15 | 13.9 | 11 | 205 |
| 210 | 13 | 12.3 | 11.9 | | 14.2 | 13.1 | 12.5 | 10.5 | 15.6 | 13.9 | 13 | 10.6 | 16.6 | 14.6 | 13.6 | 10.8 | 210 |
| 215 | 12.6 | 11.9 | 11.7 | | 13.8 | 12.8 | 12.2 | 10.4 | 15.1 | 13.5 | 12.7 | 10.5 | 16.1 | 14.2 | 13.3 | 10.7 | 215 |
| 220 | 12.1 | 11.6 | 11.5 | | 13.4 | 12.5 | 11.9 | | 14.5 | 13.1 | 12.5 | 10.4 | 15.6 | 13.9 | 12.9 | 10.5 | 220 |
| 225 | 11.8 | 11.4 | 11.3 | | 13 | 12.1 | 11.7 | | 14 | 12.8 | 12.2 | 10.3 | 15.2 | 13.5 | 12.7 | 10.4 | 225 |
| 230 | 11.5 | 11.2 | | | 12.6 | 11.8 | 11.5 | | 13.7 | 12.5 | 12 | | 14.7 | 13.1 | 12.4 | 10.3 | 230 |
| 235 | 11.2 | 11 | | | 12.2 | 11.5 | 11.3 | | 13.3 | 12.2 | 11.7 | | 14.2 | 12.8 | 12.2 | 10.2 | 235 |
| 240 | 10.9 | | | | 11.9 | 11.3 | 11.2 | | 12.9 | 11.9 | 11.5 | | 13.8 | 12.5 | 12 | 10.1 | 240 |
| 245 | | | | | 11.6 | 11.1 | | | 12.6 | 11.6 | 11.4 | | 13.4 | 12.3 | 11.8 | | 245 |
| 250 | | | | | 11.3 | 10.9 | | | 12.2 | 11.4 | 11.2 | | 13.1 | 12 | 11.6 | | 250 |
| 255 | | | | | 11 | | | | 11.8 | 11.2 | 11.1 | | 12.8 | 11.7 | 11.4 | | 255 |
| 260 | | | | | | | | | 11.6 | 11 | | | 12.4 | 11.5 | 11.3 | | 260 |
| 265 | | | | | | | | | 11.3 | 10.8 | | | 12.1 | 11.3 | 11.1 | | 265 |
| 270 | | | | | | | | | 11.1 | 10.7 | | | 11.8 | 11.1 | 11 | | 270 |
| 275 | | | | | | | | | 10.9 | | | | 11.5 | 10.9 | | | 275 |
| 280 | | | | | | | | | | | | | 11.3 | 10.8 | | | 280 |
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| 290 | | | | | | | | | | | | | 10.8 | | | | 290 |

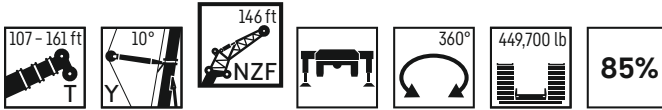
* adapter - pièce d'adaptateur

maxt_198_211_03001_00_000

Lifting capacities

Forces de levage

TYNZF 146 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 32 | 55.6 | | | | | | | | | | | | | | | | 32 |
| 34 | 54.4 | | | | | | | | | | | | | | | | 34 |
| 36 | 53.2 | | | | 52.4 | | | | | | | | | | | | 36 |
| 38 | 52 | | | | 51.4 | | | | | | | | | | | | 38 |
| 40 | 50.8 | | | | 50.4 | | | | 50.2 | | | | | | | | 40 |
| 45 | 47.8 | | | | 48 | | | | 48 | | | | 47.4 | | | | 45 |
| 50 | 45.3 | | | | 45.5 | | | | 45.8 | | | | 45.3 | | | | 50 |
| 55 | 43.1 | | | | 43.4 | | | | 43.6 | | | | 43.2 | | | | 55 |
| 60 | 40.9 | 33.8 | | | 41.5 | | | | 41.7 | | | | 41.3 | | | | 60 |
| 65 | 38.7 | 32.3 | | | 39.7 | 32.2 | | | 40 | | | | 39.6 | | | | 65 |
| 70 | 36.7 | 30.9 | | | 37.8 | 30.9 | | | 38.2 | 31.1 | | | 38.1 | 31.1 | | | 70 |
| 75 | 35.2 | 29.6 | | | 36 | 29.7 | | | 36.5 | 30.1 | | | 36.5 | 30 | | | 75 |
| 80 | 33.7 | 28.4 | | | 34.5 | 28.7 | | | 34.8 | 28.9 | | | 34.9 | 28.9 | | | 80 |
| 85 | 32.1 | 27.1 | 24.1 | | 33.1 | 27.7 | | | 33.4 | 27.9 | | | 33.5 | 27.9 | | | 85 |
| 90 | 30.6 | 26 | 23.2 | | 31.7 | 26.7 | 23.2 | | 32.2 | 26.8 | | | 32.2 | 27 | | | 90 |
| 95 | 29.2 | 25.1 | 22.4 | | 30.4 | 25.7 | 22.4 | | 31 | 25.8 | 22.4 | | 31.1 | 26 | 22.3 | | 95 |
| 100 | 28 | 24.1 | 21.6 | | 29.1 | 24.7 | 21.7 | | 29.7 | 24.9 | 21.8 | | 30 | 25.1 | 21.6 | | 100 |
| 105 | 27 | 23.2 | 20.9 | | 27.8 | 23.9 | 21 | | 28.5 | 24.1 | 21.1 | | 28.9 | 24.3 | 21 | | 105 |
| 110 | 26 | 22.2 | 20.1 | | 26.8 | 23 | 20.4 | | 27.3 | 23.3 | 20.4 | | 27.7 | 23.5 | 20.4 | | 110 |
| 115 | 25 | 21.4 | 19.4 | | 25.9 | 22.1 | 19.7 | | 26.3 | 22.5 | 19.8 | | 26.7 | 22.8 | 19.8 | | 115 |
| 120 | 24 | 20.7 | 18.6 | | 25 | 21.3 | 19 | | 25.5 | 21.7 | 19.2 | | 25.7 | 22.1 | 19.2 | | 120 |
| 125 | 23 | 19.9 | 17.8 | 13.7 | 24 | 20.7 | 18.4 | 13.7 | 24.7 | 20.9 | 18.7 | | 24.9 | 21.3 | 18.7 | | 125 |
| 130 | 21.9 | 19.2 | 17.2 | 13.2 | 23.1 | 20 | 17.7 | 13.2 | 23.8 | 20.3 | 18.1 | 13.3 | 24.2 | 20.7 | 18.2 | 13.3 | 130 |
| 135 | 21 | 18.4 | 16.6 | 12.7 | 22.2 | 19.3 | 17.1 | 12.8 | 23 | 19.7 | 17.5 | 12.9 | 23.4 | 20.1 | 17.7 | 12.9 | 135 |
| 140 | 20.2 | 17.7 | 16 | 12.3 | 21.3 | 18.7 | 16.6 | 12.4 | 22.2 | 19.2 | 17 | 12.5 | 22.7 | 19.5 | 17.2 | 12.6 | 140 |
| 145 | 19.5 | 17 | 15.4 | 11.9 | 20.5 | 18 | 16 | 12 | 21.3 | 18.6 | 16.5 | 12.1 | 21.9 | 19 | 16.8 | 12.2 | 145 |
| 150 | 18.7 | 16.4 | 14.8 | 11.5 | 19.7 | 17.4 | 15.5 | 11.7 | 20.5 | 18 | 16 | 11.8 | 21.2 | 18.4 | 16.3 | 11.9 | 150 |
| 155 | 18 | 15.8 | 14.3 | 11.2 | 19.1 | 16.7 | 14.9 | 11.3 | 19.8 | 17.4 | 15.5 | 11.5 | 20.4 | 17.9 | 15.8 | 11.6 | 155 |
| 160 | 17.2 | 15.2 | 13.8 | 10.8 | 18.4 | 16.2 | 14.4 | 11 | 19.2 | 16.8 | 15 | 11.2 | 19.7 | 17.3 | 15.4 | 11.3 | 160 |
| 165 | 16.5 | 14.6 | 13.4 | 10.5 | 17.8 | 15.6 | 14 | 10.7 | 18.6 | 16.3 | 14.5 | 10.9 | 19.1 | 16.8 | 14.9 | 11 | 165 |
| 170 | 15.8 | 14 | 12.9 | 10.2 | 17.1 | 15.1 | 13.6 | 10.4 | 18 | 15.8 | 14 | 10.6 | 18.5 | 16.3 | 14.4 | 10.7 | 170 |
| 175 | 15.2 | 13.4 | 12.5 | 9.9 | 16.4 | 14.5 | 13.1 | 10.1 | 17.4 | 15.3 | 13.6 | 10.3 | 18 | 15.8 | 14 | 10.5 | 175 |
| 180 | 14.6 | 13 | 12.1 | 9.7 | 15.8 | 13.9 | 12.7 | 9.9 | 16.9 | 14.8 | 13.2 | 10.1 | 17.5 | 15.4 | 13.6 | 10.2 | 180 |
| 185 | 14.1 | 12.6 | 11.7 | 9.5 | 15.2 | 13.4 | 12.3 | 9.7 | 16.3 | 14.3 | 12.8 | 9.9 | 17 | 14.9 | 13.3 | 10 | 185 |
| 190 | 13.6 | 12.1 | 11.4 | 9.3 | 14.7 | 13 | 11.9 | 9.5 | 15.7 | 13.8 | 12.5 | 9.6 | 16.5 | 14.5 | 12.9 | 9.8 | 190 |
| 195 | 13 | 11.7 | 11 | 9.1 | 14.2 | 12.6 | 11.6 | 9.3 | 15.2 | 13.3 | 12.1 | 9.5 | 16 | 14 | 12.6 | 9.6 | 195 |
| 200 | 12.5 | 11.3 | 10.7 | 9 | 13.7 | 12.2 | 11.3 | 9.1 | 14.7 | 12.9 | 11.8 | 9.3 | 15.5 | 13.6 | 12.2 | 9.4 | 200 |
| 205 | 11.9 | 10.9 | 10.4 | 8.8 | 13.2 | 11.8 | 11 | 9 | 14.2 | 12.5 | 11.5 | 9.1 | 15 | 13.2 | 11.9 | 9.3 | 205 |
| 210 | 11.5 | 10.6 | 10.1 | 8.7 | 12.7 | 11.4 | 10.6 | 8.8 | 13.7 | 12.1 | 11.2 | 9 | 14.5 | 12.8 | 11.6 | 9.1 | 210 |
| 215 | 11.2 | 10.3 | 9.9 | 8.6 | 12.2 | 11 | 10.4 | 8.7 | 13.3 | 11.8 | 10.9 | 8.9 | 14.1 | 12.5 | 11.3 | 9 | 215 |
| 220 | 10.8 | 10 | 9.6 | | 11.7 | 10.7 | 10.1 | 8.6 | 12.8 | 11.4 | 10.6 | 8.7 | 13.7 | 12.1 | 11.1 | 8.9 | 220 |
| 225 | 10.4 | 9.7 | 9.4 | | 11.4 | 10.4 | 9.9 | 8.5 | 12.4 | 11 | 10.3 | 8.6 | 13.3 | 11.8 | 10.8 | 8.8 | 225 |
| 230 | 10 | 9.4 | 9.3 | | 11 | 10.1 | 9.7 | | 11.9 | 10.7 | 10.1 | 8.5 | 12.9 | 11.4 | 10.5 | 8.7 | 230 |
| 235 | 9.6 | 9.2 | 9.1 | | 10.7 | 9.9 | 9.5 | | 11.5 | 10.4 | 9.9 | 8.5 | 12.4 | 11.1 | 10.2 | 8.6 | 235 |
| 240 | 9.4 | 9.1 | | | 10.3 | 9.6 | 9.3 | | 11.1 | 10.2 | 9.7 | 8.4 | 12 | 10.8 | 10 | 8.5 | 240 |
| 245 | 9.2 | 8.9 | | | 10 | 9.3 | 9.2 | | 10.8 | 10 | 9.5 | | 11.6 | 10.5 | 9.9 | 8.4 | 245 |
| 250 | 9 | | | | 9.6 | 9.2 | 9.1 | | 10.5 | 9.7 | 9.4 | | 11.2 | 10.3 | 9.7 | 8.4 | 250 |
| 255 | | | | | 9.4 | 9.1 | 9 | | 10.2 | 9.5 | 9.2 | | 10.9 | 10.1 | 9.5 | | 255 |
| 260 | | | | | 9.2 | 8.9 | | | 9.9 | 9.3 | 9.1 | | 10.6 | 9.8 | 9.4 | | 260 |
| 265 | | | | | 9 | | | | 9.6 | 9.1 | 9 | | 10.4 | 9.6 | 9.2 | | 265 |
| 270 | | | | | 8.9 | | | | 9.4 | 9 | 8.9 | | 10.1 | 9.4 | 9.1 | | 270 |
| 275 | | | | | | | | | 9.2 | 8.9 | | | 9.8 | 9.2 | 9 | | 275 |
| 280 | | | | | | | | | 9 | 8.8 | | | 9.5 | 9.1 | 8.9 | | 280 |
| 285 | | | | | | | | | 8.9 | | | | 9.3 | 8.9 | 8.9 | | 285 |
| 290 | | | | | | | | | | | | | 9.1 | 8.8 | | | 290 |
| 295 | | | | | | | | | | | | | 9 | 8.7 | | | 295 |
| 300 | | | | | | | | | | | | | 8.8 | | | | 300 |
| 305 | | | | | | | | | | | | | 8.7 | | | | 305 |

* adapter - pièce d'adaptateur

maxt_198_211_03101_00_000

Lifting capacities

Forces de levage

TYNZF 157 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 34 | 49 | | | | | | | | | | | | | | | | 34 |
| 36 | 47.9 | | | | | | | | | | | | | | | | 36 |
| 38 | 46.9 | | | | 46.1 | | | | | | | | | | | | 38 |
| 40 | 45.9 | | | | 45.2 | | | | | | | | | | | | 40 |
| 45 | 43.3 | | | | 43.1 | | | | 43 | | | | 42.5 | | | | 45 |
| 50 | 40.9 | | | | 41 | | | | 41.1 | | | | 40.7 | | | | 50 |
| 55 | 39 | | | | 39 | | | | 39.2 | | | | 38.9 | | | | 55 |
| 60 | 37 | | | | 37.3 | | | | 37.4 | | | | 37.1 | | | | 60 |
| 65 | 35.1 | 30.1 | | | 35.7 | | | | 35.9 | | | | 35.5 | | | | 65 |
| 70 | 33.3 | 28.7 | | | 34.1 | 28.7 | | | 34.4 | | | | 34.1 | | | | 70 |
| 75 | 31.7 | 27.4 | | | 32.4 | 27.5 | | | 32.9 | 27.5 | | | 32.7 | 27.2 | | | 75 |
| 80 | 30.4 | 26.3 | | | 31 | 26.5 | | | 31.4 | 26.5 | | | 31.4 | 26.3 | | | 80 |
| 85 | 29 | 25.2 | | | 29.7 | 25.4 | | | 30 | 25.5 | | | 30 | 25.3 | | | 85 |
| 90 | 27.7 | 24.2 | 20.8 | | 28.5 | 24.5 | | | 28.8 | 24.6 | | | 28.8 | 24.4 | | | 90 |
| 95 | 26.4 | 23.2 | 20 | | 27.3 | 23.5 | 19.9 | | 27.7 | 23.7 | | | 27.7 | 23.6 | | | 95 |
| 100 | 25.2 | 22.3 | 19.2 | | 26.2 | 22.6 | 19.3 | | 26.7 | 22.8 | 19.2 | | 26.8 | 22.8 | 19.1 | | 100 |
| 105 | 24.1 | 21.4 | 18.6 | | 25 | 21.8 | 18.6 | | 25.6 | 22 | 18.6 | | 25.8 | 22 | 18.5 | | 105 |
| 110 | 23.2 | 20.6 | 17.9 | | 23.9 | 21.1 | 18 | | 24.5 | 21.2 | 18 | | 24.8 | 21.3 | 17.9 | | 110 |
| 115 | 22.3 | 19.7 | 17.2 | | 23.1 | 20.3 | 17.4 | | 23.4 | 20.6 | 17.5 | | 23.8 | 20.6 | 17.4 | | 115 |
| 120 | 21.5 | 19 | 16.6 | | 22.3 | 19.5 | 16.8 | | 22.6 | 19.9 | 16.9 | | 22.9 | 19.9 | 16.9 | | 120 |
| 125 | 20.6 | 18.3 | 15.9 | | 21.5 | 18.8 | 16.2 | | 21.9 | 19.2 | 16.4 | | 22 | 19.3 | 16.4 | | 125 |
| 130 | 19.7 | 17.6 | 15.2 | 11.4 | 20.6 | 18.2 | 15.7 | | 21.1 | 18.5 | 15.9 | | 21.4 | 18.7 | 15.9 | | 130 |
| 135 | 18.8 | 17 | 14.6 | 11 | 19.9 | 17.6 | 15.1 | 11 | 20.4 | 17.9 | 15.4 | | 20.7 | 18 | 15.5 | | 135 |
| 140 | 18 | 16.3 | 14.1 | 10.5 | 19.1 | 17 | 14.5 | 10.6 | 19.7 | 17.4 | 14.8 | 10.7 | 20 | 17.5 | 15 | 10.6 | 140 |
| 145 | 17.3 | 15.6 | 13.5 | 10.2 | 18.3 | 16.4 | 14 | 10.2 | 19 | 16.8 | 14.3 | 10.3 | 19.4 | 17 | 14.6 | 10.3 | 145 |
| 150 | 16.6 | 15 | 13 | 9.8 | 17.5 | 15.8 | 13.5 | 9.9 | 18.2 | 16.3 | 13.9 | 10 | 18.7 | 16.5 | 14.2 | 10 | 150 |
| 155 | 16 | 14.4 | 12.5 | 9.5 | 16.9 | 15.2 | 13 | 9.6 | 17.5 | 15.8 | 13.4 | 9.7 | 18.1 | 16.1 | 13.7 | 9.7 | 155 |
| 160 | 15.3 | 13.8 | 12 | 9.2 | 16.3 | 14.6 | 12.6 | 9.3 | 16.9 | 15.2 | 13 | 9.4 | 17.4 | 15.6 | 13.3 | 9.5 | 160 |
| 165 | 14.6 | 13.3 | 11.5 | 9 | 15.7 | 14.1 | 12.1 | 9.1 | 16.3 | 14.7 | 12.6 | 9.2 | 16.8 | 15.1 | 12.9 | 9.3 | 165 |
| 170 | 14 | 12.8 | 11.1 | 8.7 | 15.1 | 13.6 | 11.7 | 8.8 | 15.8 | 14.2 | 12.1 | 9 | 16.2 | 14.6 | 12.5 | 9 | 170 |
| 175 | 13.4 | 12.2 | 10.7 | 8.5 | 14.5 | 13.1 | 11.2 | 8.6 | 15.2 | 13.7 | 11.7 | 8.7 | 15.7 | 14.2 | 12 | 8.8 | 175 |
| 180 | 12.8 | 11.7 | 10.3 | 8.3 | 13.9 | 12.6 | 10.9 | 8.4 | 14.7 | 13.3 | 11.3 | 8.5 | 15.2 | 13.7 | 11.6 | 8.6 | 180 |
| 185 | 12.3 | 11.3 | 9.9 | 8 | 13.3 | 12.1 | 10.5 | 8.2 | 14.2 | 12.8 | 11 | 8.3 | 14.8 | 13.3 | 11.3 | 8.4 | 185 |
| 190 | 11.8 | 10.9 | 9.6 | 7.9 | 12.8 | 11.6 | 10.1 | 8 | 13.7 | 12.4 | 10.6 | 8.1 | 14.3 | 12.9 | 11 | 8.2 | 190 |
| 195 | 11.3 | 10.5 | 9.4 | 7.7 | 12.3 | 11.2 | 9.7 | 7.8 | 13.2 | 11.9 | 10.3 | 8 | 13.9 | 12.5 | 10.6 | 8.1 | 195 |
| 200 | 10.9 | 10.1 | 9.1 | 7.5 | 11.9 | 10.8 | 9.5 | 7.7 | 12.7 | 11.5 | 9.9 | 7.8 | 13.4 | 12.1 | 10.3 | 7.9 | 200 |
| 205 | 10.4 | 9.7 | 8.8 | 7.3 | 11.4 | 10.5 | 9.3 | 7.5 | 12.2 | 11.1 | 9.6 | 7.6 | 12.9 | 11.7 | 10 | 7.8 | 205 |
| 210 | 9.9 | 9.4 | 8.6 | 7.2 | 11 | 10.1 | 9 | 7.4 | 11.8 | 10.7 | 9.4 | 7.5 | 12.5 | 11.3 | 9.7 | 7.6 | 210 |
| 215 | 9.5 | 9 | 8.4 | 7.1 | 10.6 | 9.8 | 8.8 | 7.2 | 11.4 | 10.4 | 9.2 | 7.3 | 12.1 | 10.9 | 9.4 | 7.5 | 215 |
| 220 | 9.2 | 8.8 | 8.2 | 7 | 10.2 | 9.5 | 8.6 | 7.1 | 11 | 10.1 | 9 | 7.2 | 11.7 | 10.6 | 9.2 | 7.4 | 220 |
| 225 | 8.9 | 8.6 | 8 | 6.9 | 9.7 | 9.1 | 8.4 | 7 | 10.6 | 9.8 | 8.7 | 7.1 | 11.3 | 10.3 | 9.1 | 7.2 | 225 |
| 230 | 8.6 | 8.3 | 7.8 | | 9.3 | 8.9 | 8.2 | 6.9 | 10.2 | 9.5 | 8.5 | 7 | 11 | 10 | 8.9 | 7.1 | 230 |
| 235 | 8.4 | 8.1 | 7.6 | | 9 | 8.7 | 8 | 6.8 | 9.8 | 9.2 | 8.3 | 6.9 | 10.6 | 9.8 | 8.7 | 7 | 235 |
| 240 | 8.1 | 7.9 | 7.5 | | 8.8 | 8.4 | 7.8 | 6.8 | 9.5 | 8.9 | 8.2 | 6.8 | 10.3 | 9.5 | 8.5 | 6.9 | 240 |
| 245 | 7.8 | 7.7 | 7.4 | | 8.5 | 8.2 | 7.7 | | 9.1 | 8.7 | 8 | 6.7 | 9.9 | 9.2 | 8.3 | 6.8 | 245 |
| 250 | 7.6 | 7.5 | 7.3 | | 8.3 | 8 | 7.5 | | 8.9 | 8.5 | 7.8 | 6.7 | 9.6 | 8.9 | 8.1 | 6.7 | 250 |
| 255 | 7.4 | 7.4 | | | 8 | 7.8 | 7.4 | | 8.6 | 8.3 | 7.7 | | 9.2 | 8.7 | 8 | 6.7 | 255 |
| 260 | 7.2 | | | | 7.8 | 7.6 | 7.3 | | 8.4 | 8.1 | 7.5 | | 8.9 | 8.5 | 7.9 | 6.6 | 260 |
| 265 | | | | | 7.6 | 7.5 | 7.2 | | 8.2 | 7.9 | 7.4 | | 8.7 | 8.3 | 7.7 | | 265 |
| 270 | | | | | 7.4 | 7.4 | | | 8 | 7.7 | 7.3 | | 8.5 | 8.2 | 7.6 | | 270 |
| 275 | | | | | 7.2 | 7.2 | | | 7.7 | 7.6 | 7.2 | | 8.3 | 8 | 7.4 | | 275 |
| 280 | | | | | 7.1 | | | | 7.5 | 7.5 | 7.1 | | 8.1 | 7.8 | 7.3 | | 280 |
| 285 | | | | | | | | | 7.4 | 7.3 | | | 7.9 | 7.6 | 7.3 | | 285 |
| 290 | | | | | | | | | 7.2 | 7.2 | | | 7.7 | 7.5 | 7.2 | | 290 |
| 295 | | | | | | | | | 7.1 | | | | 7.5 | 7.4 | 7.1 | | 295 |
| 300 | | | | | | | | | | | | | 7.4 | 7.3 | | | 300 |
| 305 | | | | | | | | | | | | | 7.2 | 7.2 | | | 305 |
| 310 | | | | | | | | | | | | | 7.1 | | | | 310 |
| 315 | | | | | | | | | | | | | 7 | | | | 315 |

* adapter - pièce d'adaptateur

maxt_198_211_03201_00_000

Lifting capacities

Forces de levage

TYNZF 169 ft



| | 107 ft + 9 ft* | | | | 125 ft + 9 ft* | | | | 143 ft + 9 ft* | | | | 161 ft + 9 ft* | | | | |
|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|----------------|------|------|-----|-----|
| | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | 0° | 10° | 20° | 38° | |
| 36 | 43.3 | | | | | | | | | | | | | | | | 36 |
| 38 | 42.4 | | | | 41.5 | | | | | | | | | | | | 38 |
| 40 | 41.5 | | | | 40.8 | | | | | | | | | | | | 40 |
| 45 | 39.3 | | | | 38.9 | | | | 38.7 | | | | | | | | 45 |
| 50 | 37.1 | | | | 37.1 | | | | 37.1 | | | | 36.7 | | | | 50 |
| 55 | 35.3 | | | | 35.3 | | | | 35.5 | | | | 35.1 | | | | 55 |
| 60 | 33.7 | | | | 33.8 | | | | 33.9 | | | | 33.6 | | | | 60 |
| 65 | 32 | | | | 32.4 | | | | 32.5 | | | | 32.1 | | | | 65 |
| 70 | 30.4 | 26.3 | | | 30.9 | | | | 31.2 | | | | 30.9 | | | | 70 |
| 75 | 28.8 | 25.2 | | | 29.6 | 25 | | | 29.9 | | | | 29.7 | | | | 75 |
| 80 | 27.6 | 24 | | | 28.1 | 24.1 | | | 28.6 | 24.1 | | | 28.5 | 23.8 | | | 80 |
| 85 | 26.4 | 23.1 | | | 26.9 | 23.1 | | | 27.3 | 23.2 | | | 27.3 | 23 | | | 85 |
| 90 | 25.3 | 22.1 | | | 25.9 | 22.3 | | | 26.1 | 22.3 | | | 26.1 | 22.1 | | | 90 |
| 95 | 24.2 | 21.2 | | | 24.9 | 21.4 | | | 25.1 | 21.5 | | | 25.1 | 21.4 | | | 95 |
| 100 | 23 | 20.3 | 17.6 | | 23.8 | 20.6 | 17.5 | | 24.2 | 20.8 | | | 24.2 | 20.7 | | | 100 |
| 105 | 22 | 19.6 | 16.9 | | 22.8 | 19.8 | 16.9 | | 23.3 | 20 | 16.8 | | 23.4 | 19.9 | | | 105 |
| 110 | 21.1 | 18.8 | 16.3 | | 21.8 | 19.1 | 16.3 | | 22.3 | 19.3 | 16.3 | | 22.5 | 19.2 | 16.2 | | 110 |
| 115 | 20.3 | 18.1 | 15.7 | | 20.9 | 18.4 | 15.8 | | 21.4 | 18.6 | 15.8 | | 21.6 | 18.6 | 15.7 | | 115 |
| 120 | 19.5 | 17.4 | 15.1 | | 20.2 | 17.8 | 15.2 | | 20.5 | 18 | 15.2 | | 20.8 | 18 | 15.2 | | 120 |
| 125 | 18.8 | 16.7 | 14.5 | | 19.4 | 17.1 | 14.7 | | 19.8 | 17.4 | 14.8 | | 20 | 17.4 | 14.7 | | 125 |
| 130 | 18 | 16.1 | 13.9 | | 18.7 | 16.5 | 14.2 | | 19.1 | 16.8 | 14.3 | | 19.2 | 16.9 | 14.3 | | 130 |
| 135 | 17.2 | 15.5 | 13.3 | | 18 | 15.9 | 13.7 | | 18.5 | 16.2 | 13.8 | | 18.7 | 16.3 | 13.8 | | 135 |
| 140 | 16.5 | 14.9 | 12.7 | 9.5 | 17.3 | 15.4 | 13.1 | | 17.8 | 15.6 | 13.4 | | 18.1 | 15.8 | 13.4 | | 140 |
| 145 | 15.7 | 14.3 | 12.2 | 9.2 | 16.6 | 14.8 | 12.6 | 9.2 | 17.2 | 15.1 | 12.9 | 9.2 | 17.5 | 15.2 | 13 | | 145 |
| 150 | 15.1 | 13.7 | 11.7 | 8.9 | 15.9 | 14.3 | 12.2 | 8.9 | 16.6 | 14.7 | 12.4 | 8.9 | 16.9 | 14.8 | 12.6 | 8.9 | 150 |
| 155 | 14.5 | 13.1 | 11.3 | 8.6 | 15.3 | 13.8 | 11.7 | 8.7 | 15.9 | 14.2 | 12 | 8.7 | 16.3 | 14.4 | 12.2 | 8.7 | 155 |
| 160 | 13.9 | 12.5 | 10.8 | 8.3 | 14.6 | 13.2 | 11.3 | 8.4 | 15.3 | 13.7 | 11.6 | 8.5 | 15.7 | 14 | 11.8 | 8.5 | 160 |
| 165 | 13.3 | 12 | 10.3 | 8.1 | 14.1 | 12.7 | 10.8 | 8.2 | 14.7 | 13.3 | 11.2 | 8.2 | 15.2 | 13.5 | 11.5 | 8.3 | 165 |
| 170 | 12.7 | 11.6 | 9.9 | 7.8 | 13.6 | 12.2 | 10.4 | 7.9 | 14.1 | 12.8 | 10.8 | 8 | 14.6 | 13.1 | 11.1 | 8.1 | 170 |
| 175 | 12.2 | 11.1 | 9.6 | 7.6 | 13.1 | 11.8 | 10 | 7.7 | 13.6 | 12.3 | 10.4 | 7.8 | 14.1 | 12.7 | 10.7 | 7.9 | 175 |
| 180 | 11.6 | 10.6 | 9.3 | 7.4 | 12.6 | 11.4 | 9.7 | 7.5 | 13.2 | 11.9 | 10 | 7.6 | 13.6 | 12.3 | 10.4 | 7.7 | 180 |
| 185 | 11.1 | 10.1 | 9 | 7.2 | 12 | 10.9 | 9.4 | 7.3 | 12.7 | 11.5 | 9.7 | 7.4 | 13.2 | 11.9 | 10 | 7.5 | 185 |
| 190 | 10.6 | 9.7 | 8.7 | 7 | 11.5 | 10.5 | 9.1 | 7.1 | 12.2 | 11.1 | 9.4 | 7.2 | 12.8 | 11.5 | 9.7 | 7.3 | 190 |
| 195 | 10.2 | 9.4 | 8.4 | 6.8 | 11 | 10.1 | 8.8 | 6.9 | 11.8 | 10.7 | 9.2 | 7.1 | 12.3 | 11.2 | 9.4 | 7.1 | 195 |
| 200 | 9.9 | 9.1 | 8.2 | 6.6 | 10.6 | 9.7 | 8.6 | 6.7 | 11.3 | 10.3 | 8.9 | 6.9 | 11.9 | 10.8 | 9.1 | 7 | 200 |
| 205 | 9.5 | 8.8 | 7.9 | 6.5 | 10.2 | 9.3 | 8.3 | 6.6 | 10.9 | 9.9 | 8.6 | 6.7 | 11.5 | 10.5 | 8.9 | 6.8 | 205 |
| 210 | 9.1 | 8.5 | 7.7 | 6.3 | 9.9 | 9 | 8.1 | 6.4 | 10.5 | 9.5 | 8.4 | 6.6 | 11.1 | 10.1 | 8.7 | 6.7 | 210 |
| 215 | 8.7 | 8.2 | 7.5 | 6.2 | 9.5 | 8.8 | 7.9 | 6.3 | 10.1 | 9.2 | 8.2 | 6.4 | 10.7 | 9.8 | 8.4 | 6.5 | 215 |
| 220 | 8.4 | 7.9 | 7.2 | 6.1 | 9.2 | 8.5 | 7.6 | 6.2 | 9.8 | 8.9 | 8 | 6.3 | 10.3 | 9.4 | 8.2 | 6.4 | 220 |
| 225 | 8 | 7.7 | 7.1 | 5.9 | 8.9 | 8.3 | 7.4 | 6 | 9.5 | 8.7 | 7.8 | 6.2 | 10 | 9.1 | 8 | 6.3 | 225 |
| 230 | 7.8 | 7.4 | 6.9 | 5.8 | 8.5 | 8 | 7.2 | 5.9 | 9.2 | 8.5 | 7.6 | 6.1 | 9.7 | 8.9 | 7.8 | 6.2 | 230 |
| 235 | 7.5 | 7.2 | 6.7 | 5.7 | 8.2 | 7.7 | 7 | 5.8 | 8.9 | 8.2 | 7.4 | 5.9 | 9.4 | 8.6 | 7.6 | 6 | 235 |
| 240 | 7.3 | 7 | 6.6 | | 7.9 | 7.5 | 6.9 | 5.7 | 8.6 | 8 | 7.2 | 5.8 | 9.1 | 8.4 | 7.5 | 5.9 | 240 |
| 245 | 7.1 | 6.8 | 6.4 | | 7.6 | 7.3 | 6.7 | 5.6 | 8.3 | 7.8 | 7 | 5.7 | 8.9 | 8.2 | 7.3 | 5.8 | 245 |
| 250 | 6.8 | 6.6 | 6.3 | | 7.4 | 7.1 | 6.6 | 5.6 | 8 | 7.5 | 6.9 | 5.7 | 8.6 | 8 | 7.1 | 5.7 | 250 |
| 255 | 6.6 | 6.5 | 6.2 | | 7.2 | 6.9 | 6.4 | | 7.7 | 7.3 | 6.7 | 5.6 | 8.3 | 7.7 | 7 | 5.6 | 255 |
| 260 | 6.4 | 6.3 | 6 | | 7 | 6.7 | 6.3 | | 7.5 | 7.2 | 6.6 | 5.5 | 8 | 7.5 | 6.8 | 5.6 | 260 |
| 265 | 6.2 | 6.2 | | | 6.7 | 6.6 | 6.2 | | 7.3 | 7 | 6.4 | | 7.8 | 7.3 | 6.7 | 5.5 | 265 |
| 270 | 6.1 | 6.1 | | | 6.5 | 6.4 | 6.1 | | 7.1 | 6.8 | 6.3 | | 7.5 | 7.2 | 6.6 | 5.5 | 270 |
| 275 | 5.9 | | | | 6.3 | 6.3 | 6 | | 6.9 | 6.6 | 6.2 | | 7.3 | 7 | 6.4 | | 275 |
| 280 | | | | | 6.2 | 6.2 | | | 6.7 | 6.5 | 6.1 | | 7.1 | 6.9 | 6.3 | | 280 |
| 285 | | | | | 6 | 6 | | | 6.5 | 6.3 | 6 | | 6.9 | 6.7 | 6.2 | | 285 |
| 290 | | | | | 5.9 | | | | 6.3 | 6.2 | 6 | | 6.8 | 6.5 | 6.1 | | 290 |
| 295 | | | | | | | | | 6.2 | 6.1 | | | 6.6 | 6.4 | 6 | | 295 |
| 300 | | | | | | | | | 6 | 6 | | | 6.4 | 6.3 | 6 | | 300 |
| 305 | | | | | | | | | 5.9 | | | | 6.2 | 6.2 | 5.9 | | 305 |
| 310 | | | | | | | | | 5.8 | | | | 6.1 | 6 | | | 310 |
| 315 | | | | | | | | | | | | | 6 | 6 | | | 315 |
| 320 | | | | | | | | | | | | | 5.9 | 5.9 | | | 320 |
| 325 | | | | | | | | | | | | | 5.8 | | | | 325 |

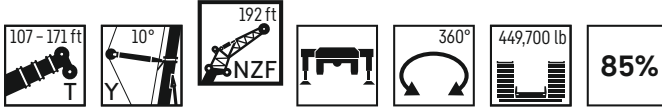
* adapter - pièce d'adaptateur

maxt_198_211_03301_00_000

Lifting capacities

Forces de levage

TYNZF 192 ft



| | 107 ft + 9 ft* | | | 125 ft + 9 ft* | | | 143 ft + 9 ft* | | | 161 ft + 9 ft* | | | 164 ft + 9 ft* | | | 167 ft + 9 ft* | | | 171 ft + 9 ft* | | | | |
|-----|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|------|-----|
| | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | | |
| 40 | 33.9 | | | | | | | | | | | | | | | | | | | | | 40 | |
| 45 | 32.2 | | | 31.5 | | | 31.2 | | | | | | | | | | | | | | | 45 | |
| 50 | 30.5 | | | 30.1 | | | 30.3 | | | 30.6 | | | 30.3 | | | | | | | | | 50 | |
| 55 | 28.8 | | | 28.7 | | | 29.2 | | | 29.3 | | | 29.2 | | | 29 | | | | 28.9 | | 55 | |
| 60 | 27.5 | | | 27.4 | | | 28.2 | | | 28 | | | 28 | | | 27.9 | | | | 27.7 | | 60 | |
| 65 | 26.2 | | | 26.2 | | | 27.1 | | | 26.7 | | | 26.8 | | | 26.7 | | | | 26.6 | | 65 | |
| 70 | 25 | | | 25.1 | | | 26 | | | 25.5 | | | 25.6 | | | 25.5 | | | | 25.4 | | 70 | |
| 75 | 23.7 | 20.5 | | 24 | | | 25 | | | 24.5 | | | 24.6 | | | 24.5 | | | | 24.4 | | 75 | |
| 80 | 22.4 | 19.6 | | 22.9 | 19.4 | | 23.8 | | | 23.5 | | | 23.7 | | | 23.6 | | | | 23.5 | | 80 | |
| 85 | 21.4 | 18.7 | | 21.9 | 18.6 | | 22.7 | 18.6 | | 22.5 | | | 22.8 | | | 22.7 | | | | 22.6 | | 85 | |
| 90 | 20.5 | 17.9 | | 20.9 | 17.8 | | 21.6 | 17.8 | | 21.5 | 17.6 | | 21.8 | 17.5 | | 21.8 | 17.5 | | | 21.7 | 17.4 | 90 | |
| 95 | 19.6 | 17.1 | | 20.1 | 17.1 | | 20.7 | 17.1 | | 20.4 | 16.9 | | 20.7 | 16.9 | | 20.7 | 16.8 | | | 20.7 | 16.8 | 95 | |
| 100 | 18.7 | 16.4 | | 19.3 | 16.4 | | 19.8 | 16.4 | | 19.7 | 16.3 | | 19.9 | 16.2 | | 19.9 | 16.2 | | | 19.9 | 16.1 | 100 | |
| 105 | 17.8 | 15.6 | | 18.6 | 15.8 | | 19 | 15.8 | | 18.9 | 15.7 | | 19.2 | 15.6 | | 19.2 | 15.6 | | | 19.1 | 15.5 | 105 | |
| 110 | 16.9 | 14.9 | 12.7 | 17.8 | 15.1 | | 18.3 | 15.2 | | 18.2 | 15.1 | | 18.5 | 15.1 | | 18.5 | 15 | | | 18.4 | 15 | 110 | |
| 115 | 16.1 | 14.3 | 12.2 | 17 | 14.5 | 12.2 | 17.4 | 14.6 | | 17.5 | 14.6 | | 17.8 | 14.5 | | 17.7 | 14.5 | | | 17.7 | 14.4 | 115 | |
| 120 | 15.4 | 13.7 | 11.7 | 16.1 | 13.9 | 11.7 | 16.7 | 14 | 11.6 | 16.7 | 14 | 11.5 | 17 | 14 | 11.4 | 17 | 14 | 11.4 | | 17 | 13.9 | 11.4 | 120 |
| 125 | 14.8 | 13.1 | 11.2 | 15.4 | 13.4 | 11.2 | 15.9 | 13.5 | 11.2 | 16 | 13.5 | 11.1 | 16.3 | 13.4 | 11.1 | 16.3 | 13.4 | 11 | | 16.3 | 13.4 | 11 | 125 |
| 130 | 14.2 | 12.6 | 10.7 | 14.8 | 12.9 | 10.8 | 15.2 | 13 | 10.8 | 15.4 | 13 | 10.7 | 15.6 | 12.9 | 10.6 | 15.6 | 12.9 | 10.6 | | 15.7 | 12.9 | 10.6 | 130 |
| 135 | 13.6 | 12 | 10.3 | 14.2 | 12.4 | 10.4 | 14.6 | 12.5 | 10.4 | 14.7 | 12.6 | 10.3 | 15 | 12.5 | 10.3 | 15 | 12.5 | 10.3 | | 15 | 12.5 | 10.2 | 135 |
| 140 | 13 | 11.5 | 9.8 | 13.7 | 11.8 | 10 | 14.1 | 12 | 10 | 14.2 | 12.1 | 9.9 | 14.4 | 12.1 | 9.9 | 14.4 | 12.1 | 9.9 | | 14.4 | 12 | 9.9 | 140 |
| 145 | 12.4 | 11.1 | 9.4 | 13.1 | 11.4 | 9.6 | 13.6 | 11.6 | 9.6 | 13.7 | 11.6 | 9.6 | 13.9 | 11.6 | 9.6 | 13.9 | 11.6 | 9.6 | | 13.9 | 11.6 | 9.5 | 145 |
| 150 | 11.8 | 10.6 | 9 | 12.5 | 11 | 9.2 | 13 | 11.1 | 9.3 | 13.2 | 11.2 | 9.2 | 13.4 | 11.2 | 9.2 | 13.4 | 11.2 | 9.2 | | 13.4 | 11.2 | 9.2 | 150 |
| 155 | 11.2 | 10.2 | 8.6 | 11.9 | 10.5 | 8.9 | 12.5 | 10.7 | 9 | 12.7 | 10.7 | 8.9 | 12.9 | 10.8 | 8.9 | 12.9 | 10.8 | 8.9 | | 12.9 | 10.8 | 8.9 | 155 |
| 160 | 10.7 | 9.8 | 8.3 | 11.4 | 10.1 | 8.5 | 11.9 | 10.3 | 8.6 | 12.2 | 10.4 | 8.6 | 12.4 | 10.4 | 8.6 | 12.4 | 10.4 | 8.6 | | 12.5 | 10.4 | 8.6 | 160 |
| 165 | 10.2 | 9.3 | 8 | 10.8 | 9.7 | 8.2 | 11.4 | 9.9 | 8.3 | 11.7 | 10 | 8.3 | 11.9 | 10 | 8.3 | 11.9 | 10 | 8.3 | | 12 | 10 | 8.3 | 165 |
| 170 | 9.8 | 8.9 | 7.7 | 10.3 | 9.3 | 7.9 | 10.9 | 9.6 | 8 | 11.2 | 9.7 | 8 | 11.4 | 9.7 | 8 | 11.5 | 9.7 | 8 | | 11.5 | 9.7 | 8 | 170 |
| 175 | 9.4 | 8.5 | 7.3 | 9.8 | 8.9 | 7.6 | 10.4 | 9.2 | 7.7 | 10.7 | 9.3 | 7.7 | 10.9 | 9.4 | 7.7 | 11 | 9.4 | 7.7 | | 11 | 9.4 | 7.7 | 175 |
| 180 | 8.9 | 8.2 | 7 | 9.5 | 8.5 | 7.3 | 10 | 8.9 | 7.4 | 10.3 | 9 | 7.5 | 10.5 | 9 | 7.5 | 10.5 | 9 | 7.5 | | 10.5 | 9.1 | 7.5 | 180 |
| 185 | 8.5 | 7.8 | 6.7 | 9.1 | 8.2 | 7 | 9.6 | 8.5 | 7.2 | 9.8 | 8.7 | 7.2 | 10 | 8.7 | 7.2 | 10 | 8.7 | 7.2 | | 10.1 | 8.7 | 7.2 | 185 |
| 190 | 8.1 | 7.5 | 6.4 | 8.7 | 7.9 | 6.7 | 9.2 | 8.1 | 6.9 | 9.5 | 8.3 | 7 | 9.6 | 8.4 | 7 | 9.7 | 8.4 | 7 | | 9.7 | 8.4 | 7 | 190 |
| 195 | 7.7 | 7.2 | 6.1 | 8.3 | 7.6 | 6.4 | 8.8 | 7.8 | 6.6 | 9.1 | 8 | 6.7 | 9.2 | 8 | 6.7 | 9.3 | 8.1 | 6.7 | | 9.3 | 8.1 | 6.7 | 195 |
| 200 | 7.4 | 6.9 | 5.8 | 8 | 7.3 | 6.1 | 8.5 | 7.5 | 6.3 | 8.8 | 7.7 | 6.5 | 8.9 | 7.7 | 6.5 | 9 | 7.7 | 6.5 | | 9 | 7.8 | 6.5 | 200 |
| 205 | 7 | 6.6 | 5.4 | 7.6 | 7 | 5.8 | 8.1 | 7.3 | 6 | 8.4 | 7.4 | 6.2 | 8.6 | 7.4 | 6.2 | 8.6 | 7.5 | 6.2 | | 8.6 | 7.5 | 6.3 | 205 |
| 210 | 6.7 | 6.3 | 5.1 | 7.2 | 6.7 | 5.5 | 7.8 | 7 | 5.8 | 8.1 | 7.2 | 5.9 | 8.3 | 7.2 | 6 | 8.3 | 7.2 | 6 | | 8.3 | 7.2 | 6 | 210 |
| 215 | 6.4 | 6 | 4.8 | 6.9 | 6.4 | 5.3 | 7.4 | 6.7 | 5.5 | 7.8 | 6.9 | 5.7 | 7.9 | 6.9 | 5.7 | 8 | 7 | 5.7 | | 8 | 7 | 5.7 | 215 |
| 220 | 6.1 | 5.7 | 4.6 | 6.6 | 6.1 | 5 | 7.1 | 6.4 | 5.2 | 7.5 | 6.7 | 5.4 | 7.6 | 6.7 | 5.4 | 7.7 | 6.7 | 5.5 | | 7.7 | 6.8 | 5.5 | 220 |
| 225 | 5.8 | 5.4 | 4.3 | 6.3 | 5.9 | 4.7 | 6.8 | 6.2 | 5 | 7.1 | 6.4 | 5.2 | 7.3 | 6.4 | 5.2 | 7.3 | 6.5 | 5.2 | | 7.4 | 6.5 | 5.3 | 225 |
| 230 | 5.5 | 5.1 | 4.1 | 6 | 5.6 | 4.5 | 6.5 | 5.9 | 4.7 | 6.8 | 6.2 | 5 | 6.9 | 6.2 | 5 | 7 | 6.2 | 5 | | 7.1 | 6.3 | 5 | 230 |
| 235 | 5.2 | 4.8 | 3.9 | 5.8 | 5.4 | 4.3 | 6.2 | 5.7 | 4.5 | 6.5 | 5.9 | 4.7 | 6.6 | 5.9 | 4.7 | 6.7 | 6 | 4.8 | | 6.7 | 6 | 4.8 | 235 |
| 240 | 4.8 | 4.5 | | 5.5 | 5.1 | 4 | 6 | 5.4 | 4.2 | 6.2 | 5.7 | 4.5 | 6.4 | 5.7 | 4.5 | 6.4 | 5.8 | 4.6 | | 6.4 | 5.8 | 4.6 | 240 |
| 245 | 4.5 | 4.2 | | 5.2 | 4.8 | 3.8 | 5.7 | 5.2 | 4 | 6 | 5.5 | 4.3 | 6.1 | 5.5 | 4.3 | 6.1 | 5.5 | 4.3 | | 6.2 | 5.6 | 4.3 | 245 |
| 250 | 4.3 | 4 | | 4.9 | 4.5 | | 5.5 | 5 | 3.9 | 5.8 | 5.3 | 4.1 | 5.9 | 5.3 | 4.1 | 5.9 | 5.3 | 4.2 | | 6 | 5.3 | 4.1 | 250 |
| 255 | 4.1 | 3.8 | | 4.6 | 4.2 | | 5.2 | 4.7 | | 5.5 | 5 | 3.9 | 5.6 | 5.1 | 3.9 | 5.7 | 5.1 | 4 | | 5.7 | 5.1 | 4 | 255 |
| 260 | 3.8 | | | 4.3 | 4 | | 4.9 | 4.4 | | 5.3 | 4.8 | | 5.4 | 4.9 | | 5.5 | 4.9 | 3.8 | | 5.5 | 4.9 | 3.8 | 260 |
| 265 | | | | 4.1 | 3.8 | | 4.7 | 4.2 | | 5.1 | 4.6 | | 5.2 | 4.6 | | 5.2 | 4.7 | | | 5.3 | 4.7 | | 265 |
| 270 | | | | 3.9 | | | 4.3 | 4 | | 4.8 | 4.3 | | 5 | 4.4 | | 5 | 4.5 | | | 5.1 | 4.5 | | 270 |
| 275 | | | | | | | 4.1 | 3.8 | | 4.6 | 4.1 | | 4.7 | 4.2 | | 4.8 | 4.3 | | | 4.9 | 4.3 | | 275 |
| 280 | | | | | | | 3.9 | | | 4.3 | 3.9 | | 4.5 | 4 | | 4.5 | 4 | | | 4.6 | 4.1 | | 280 |
| 285 | | | | | | | | | | 4 | | | 4.2 | 3.8 | | 4.3 | 3.8 | | | 4.4 | 3.8 | | 285 |
| 290 | | | | | | | | | | 3.8 | | | 4 | | | 4 | | | | 4.1 | | | 290 |
| 295 | | | | | | | | | | | | | 3.8 | | | 3.8 | | | | 3.9 | | | 295 |

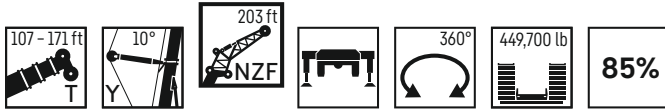
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TYNZF 203 ft



| | 107 ft + 9 ft* | | | 125 ft + 9 ft* | | | 143 ft + 9 ft* | | | 161 ft + 9 ft* | | | 164 ft + 9 ft* | | | 167 ft + 9 ft* | | | 171 ft + 9 ft* | | | |
|-----|----------------|------|------|----------------|------|------|----------------|------|-----|----------------|------|-----|----------------|------|-----|----------------|------|-----|----------------|------|-----|-----|
| | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | 0° | 10° | 20° | |
| 40 | 30.9 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 29.6 | | | 29.1 | | | | | | | | | | | | | | | | | | 45 |
| 50 | 28.2 | | | 27.9 | | | 27.7 | | | | | | | | | | | | | | | 50 |
| 55 | 26.8 | | | 26.6 | | | 26.6 | | | 26.4 | | | 26.1 | | | 25.9 | | | 25.8 | | | 55 |
| 60 | 25.6 | | | 25.4 | | | 25.5 | | | 25.3 | | | 25.1 | | | 24.9 | | | 24.8 | | | 60 |
| 65 | 24.4 | | | 24.3 | | | 24.4 | | | 24.2 | | | 24 | | | 23.9 | | | 23.8 | | | 65 |
| 70 | 23.3 | | | 23.3 | | | 23.3 | | | 23.1 | | | 22.9 | | | 22.9 | | | 22.8 | | | 70 |
| 75 | 22.1 | | | 22.3 | | | 22.4 | | | 22.1 | | | 22 | | | 21.9 | | | 21.8 | | | 75 |
| 80 | 21 | 17.5 | | 21.3 | | | 21.5 | | | 21.3 | | | 21.1 | | | 21 | | | 21 | | | 80 |
| 85 | 19.9 | 16.7 | | 20.3 | 16.5 | | 20.6 | | | 20.4 | | | 20.3 | | | 20.2 | | | 20.2 | | | 85 |
| 90 | 19 | 15.9 | | 19.4 | 15.8 | | 19.7 | 15.8 | | 19.6 | 15.6 | | 19.5 | | | 19.4 | | | 19.4 | | | 90 |
| 95 | 18.2 | 15.2 | | 18.5 | 15.1 | | 18.8 | 15.2 | | 18.7 | 15 | | 18.6 | 14.9 | | 18.6 | 14.8 | | 18.6 | 14.8 | | 95 |
| 100 | 17.4 | 14.5 | | 17.8 | 14.5 | | 17.9 | 14.5 | | 17.9 | 14.4 | | 17.8 | 14.3 | | 17.8 | 14.2 | | 17.8 | 14.2 | | 100 |
| 105 | 16.6 | 13.8 | | 17 | 13.9 | | 17.2 | 13.9 | | 17.1 | 13.8 | | 17 | 13.7 | | 17 | 13.6 | | 17 | 13.6 | | 105 |
| 110 | 15.7 | 13.2 | | 16.3 | 13.4 | | 16.5 | 13.4 | | 16.5 | 13.2 | | 16.4 | 13.2 | | 16.3 | 13.1 | | 16.3 | 13.1 | | 110 |
| 115 | 14.9 | 12.6 | 10.6 | 15.5 | 12.8 | | 15.8 | 12.8 | | 15.8 | 12.7 | | 15.8 | 12.7 | | 15.7 | 12.6 | | 15.7 | 12.6 | | 115 |
| 120 | 14.1 | 12 | 10.2 | 14.7 | 12.2 | 10.1 | 15.2 | 12.3 | | 15.2 | 12.2 | | 15.2 | 12.2 | | 15.1 | 12.1 | | 15.1 | 12.1 | | 120 |
| 125 | 13.5 | 11.5 | 9.7 | 14 | 11.7 | 9.6 | 14.5 | 11.7 | 9.6 | 14.6 | 11.7 | 9.5 | 14.6 | 11.7 | 9.4 | 14.5 | 11.7 | | 14.6 | 11.6 | | 125 |
| 130 | 12.9 | 11 | 9.2 | 13.4 | 11.2 | 9.2 | 13.8 | 11.2 | 9.2 | 14 | 11.2 | 9.1 | 14 | 11.2 | 9 | 14 | 11.2 | 9 | 14 | 11.2 | 9 | 130 |
| 135 | 12.4 | 10.5 | 8.8 | 12.8 | 10.7 | 8.8 | 13.2 | 10.8 | 8.8 | 13.3 | 10.8 | 8.7 | 13.4 | 10.8 | 8.6 | 13.4 | 10.7 | 8.6 | 13.4 | 10.7 | 8.6 | 135 |
| 140 | 11.8 | 10 | 8.3 | 12.3 | 10.3 | 8.4 | 12.7 | 10.4 | 8.4 | 12.7 | 10.4 | 8.3 | 12.7 | 10.4 | 8.2 | 12.8 | 10.3 | 8.2 | 12.8 | 10.3 | 8.2 | 140 |
| 145 | 11.2 | 9.5 | 7.8 | 11.7 | 9.8 | 8 | 12.2 | 9.9 | 8 | 12.2 | 10 | 7.9 | 12.2 | 10 | 7.9 | 12.2 | 9.9 | 7.8 | 12.2 | 9.9 | 7.8 | 145 |
| 150 | 10.6 | 9.1 | 7.4 | 11.3 | 9.3 | 7.6 | 11.7 | 9.5 | 7.6 | 11.8 | 9.6 | 7.5 | 11.8 | 9.6 | 7.5 | 11.8 | 9.6 | 7.5 | 11.8 | 9.6 | 7.5 | 150 |
| 155 | 10 | 8.7 | 7 | 10.8 | 9 | 7.2 | 11.3 | 9.1 | 7.2 | 11.4 | 9.2 | 7.1 | 11.4 | 9.2 | 7.2 | 11.4 | 9.2 | 7.1 | 11.4 | 9.2 | 7.1 | 155 |
| 160 | 9.5 | 8.3 | 6.6 | 10.3 | 8.6 | 6.8 | 10.8 | 8.7 | 6.9 | 10.9 | 8.8 | 6.8 | 11 | 8.8 | 6.8 | 11 | 8.8 | 6.8 | 11 | 8.8 | 6.8 | 160 |
| 165 | 9 | 7.9 | 6.2 | 9.8 | 8.2 | 6.4 | 10.3 | 8.4 | 6.5 | 10.5 | 8.4 | 6.5 | 10.5 | 8.4 | 6.5 | 10.5 | 8.4 | 6.5 | 10.6 | 8.4 | 6.4 | 165 |
| 170 | 8.5 | 7.5 | 5.8 | 9.3 | 7.9 | 6 | 9.9 | 8 | 6.2 | 10.1 | 8.1 | 6.2 | 10.1 | 8.1 | 6.2 | 10.1 | 8.1 | 6.2 | 10.2 | 8.1 | 6.1 | 170 |
| 175 | 8.1 | 7.1 | 5.5 | 8.8 | 7.5 | 5.6 | 9.4 | 7.7 | 5.8 | 9.7 | 7.8 | 5.8 | 9.7 | 7.8 | 5.8 | 9.7 | 7.8 | 5.8 | 9.8 | 7.8 | 5.8 | 175 |
| 180 | 7.7 | 6.6 | 5.1 | 8.4 | 7.1 | 5.3 | 8.9 | 7.4 | 5.5 | 9.2 | 7.5 | 5.5 | 9.3 | 7.5 | 5.5 | 9.3 | 7.5 | 5.5 | 9.4 | 7.5 | 5.5 | 180 |
| 185 | 7.4 | 6.2 | 4.8 | 8.1 | 6.7 | 5 | 8.5 | 7 | 5.2 | 8.8 | 7.2 | 5.2 | 8.9 | 7.2 | 5.2 | 8.9 | 7.2 | 5.2 | 8.9 | 7.2 | 5.2 | 185 |
| 190 | 6.9 | 5.8 | 4.4 | 7.7 | 6.3 | 4.7 | 8.1 | 6.7 | 4.9 | 8.4 | 6.9 | 4.9 | 8.5 | 6.9 | 4.9 | 8.5 | 6.9 | 5 | 8.5 | 6.9 | 4.9 | 190 |
| 195 | 6.5 | 5.5 | 4.1 | 7.4 | 5.9 | 4.4 | 7.8 | 6.3 | 4.6 | 8 | 6.6 | 4.7 | 8.1 | 6.5 | 4.7 | 8.1 | 6.6 | 4.7 | 8.2 | 6.6 | 4.7 | 195 |
| 200 | 6 | 5.1 | 3.8 | 7 | 5.6 | 4.1 | 7.5 | 5.9 | 4.3 | 7.7 | 6.2 | 4.4 | 7.7 | 6.2 | 4.4 | 7.7 | 6.2 | 4.4 | 7.8 | 6.3 | 4.4 | 200 |
| 205 | 5.5 | 4.7 | | 6.7 | 5.2 | 3.8 | 7.2 | 5.6 | 4 | 7.4 | 5.8 | 4.1 | 7.4 | 5.8 | 4.2 | 7.4 | 5.9 | 4.2 | 7.4 | 5.9 | 4.2 | 205 |
| 210 | 5.1 | 4.4 | | 6.3 | 4.9 | | 6.8 | 5.3 | | 7.1 | 5.5 | 3.8 | 7.1 | 5.5 | 3.9 | 7.1 | 5.5 | 3.9 | 7.2 | 5.6 | 3.9 | 210 |
| 215 | 4.8 | 4 | | 6 | 4.6 | | 6.5 | 5 | | 6.8 | 5.2 | | 6.9 | 5.2 | | 6.9 | 5.2 | | 6.9 | 5.3 | | 215 |
| 220 | 4.4 | | | 5.5 | 4.2 | | 6.2 | 4.6 | | 6.5 | 4.9 | | 6.6 | 4.9 | | 6.6 | 4.9 | | 6.6 | 5 | | 220 |
| 225 | 4.1 | | | 5.1 | 3.9 | | 5.9 | 4.3 | | 6.2 | 4.6 | | 6.3 | 4.6 | | 6.3 | 4.7 | | 6.3 | 4.7 | | 225 |
| 230 | 3.8 | | | 4.8 | | | 5.5 | 4 | | 5.9 | 4.4 | | 6 | 4.4 | | 6 | 4.4 | | 6.1 | 4.4 | | 230 |
| 235 | | | | 4.5 | | | 5.1 | | | 5.6 | 4.1 | | 5.7 | 4.1 | | 5.7 | 4.1 | | 5.8 | 4.2 | | 235 |
| 240 | | | | 4.2 | | | 4.8 | | | 5.2 | 3.8 | | 5.4 | 3.8 | | 5.4 | 3.8 | | 5.5 | 3.9 | | 240 |
| 245 | | | | 3.9 | | | 4.5 | | | 4.9 | | | 5 | | | 5.1 | | | 5.2 | | | 245 |
| 250 | | | | | | | 4.2 | | | 4.6 | | | 4.7 | | | 4.7 | | | 4.8 | | | 250 |
| 255 | | | | | | | 3.9 | | | 4.3 | | | 4.4 | | | 4.4 | | | 4.5 | | | 255 |
| 260 | | | | | | | | | | 4.1 | | | 4.2 | | | 4.2 | | | 4.2 | | | 260 |
| 265 | | | | | | | | | | 3.8 | | | 3.9 | | | 3.9 | | | 4 | | | 265 |

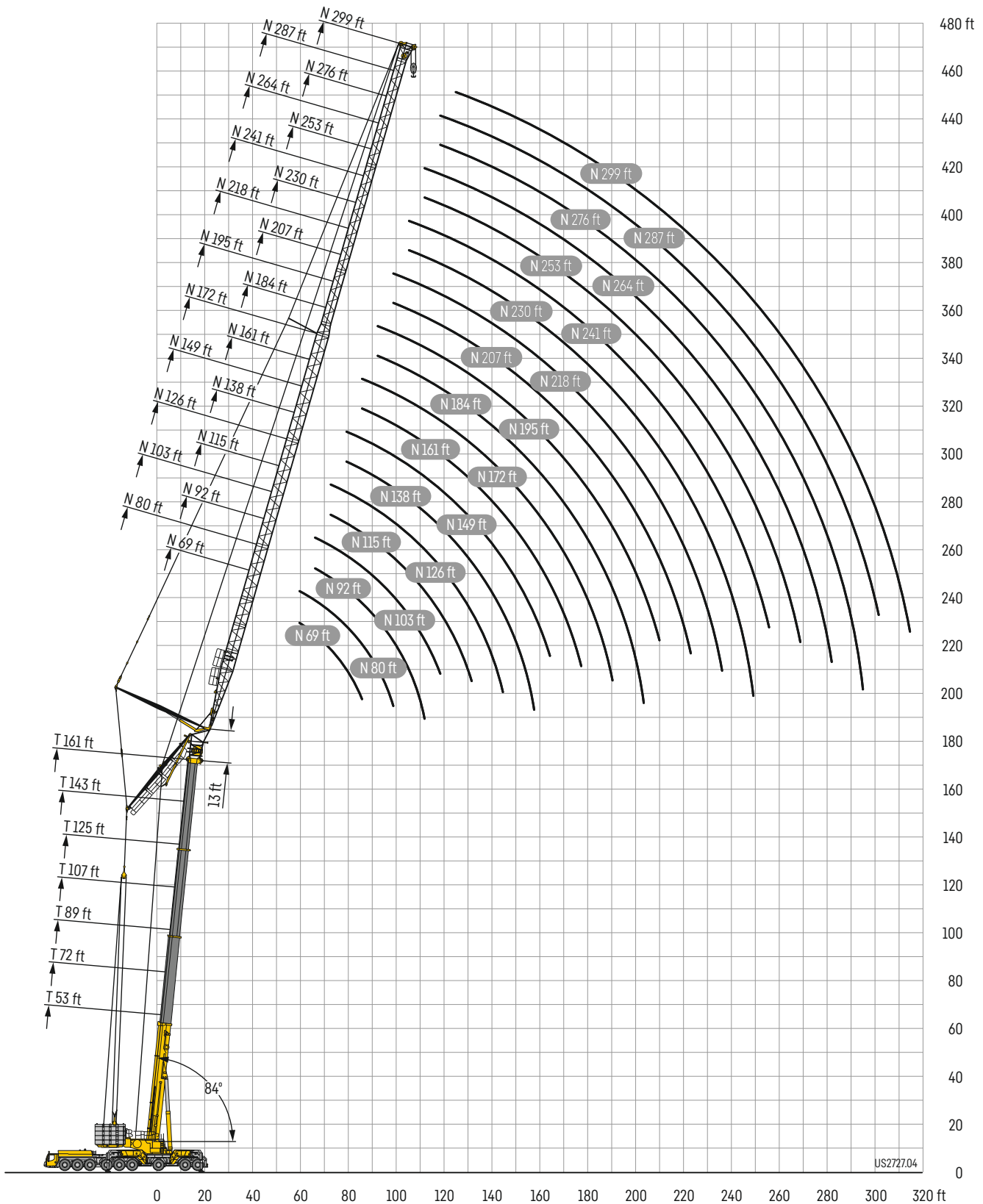
* adapter - pièce d'adaptateur

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Lifting heights

Hauteurs de levage

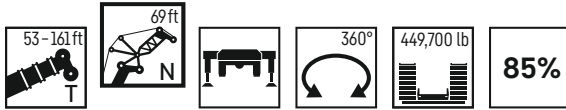
TN



Lifting capacities

Forces de levage

TN 69 – 80 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|-------|----------------------|-------|-------|----------------------|-------|------|----------------------|------|------|----------------------|------|-----|-----|
| | N 69 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 36 | 293.9 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 293.6 | | | 293.9 | | | | | | | | | | | | | | | | | | 38 |
| 40 | 290.5 | | | 293.9 | | | 280.4 | | | | | | | | | | | | | | | 40 |
| 45 | 267.4 | | | 288.2 | | | 280.4 | | | 225.5 | | | | | | | | | | | | 45 |
| 50 | 248.1 | | | 269.4 | | | 277.5 | | | 217.3 | | | 172.8 | | | 141 | | | | | | 50 |
| 55 | 233.4 | 243.4 | | 252.1 | | | 262.3 | | | 207.1 | | | 164.4 | | | 136.1 | | | 110.6 | | | 55 |
| 60 | 222.2 | 224.3 | | 239.5 | 252.7 | | 248 | | | 194.5 | | | 156.6 | | | 130.7 | | | 107.6 | | | 60 |
| 65 | 214.8 | 209.6 | | 230.3 | 233.9 | | 237.4 | 253.6 | | 183.5 | | | 148.8 | | | 125.4 | | | 104.2 | | | 65 |
| 70 | 211.4 | 198.6 | | 223.7 | 219.2 | | 229.9 | 235.6 | | 174.7 | 181.7 | | 141.5 | | | 120.1 | | | 100.6 | | | 70 |
| 75 | 201.4 | 190.8 | 196.8 | 209.1 | 207.9 | | 219.2 | 221.2 | | 168 | 168.5 | | 134.8 | 129.9 | | 114.9 | | | 96.9 | | | 75 |
| 80 | | 187.2 | 183 | | 200.3 | | 201.5 | 208 | | 164.2 | 157.8 | | 129.2 | 121.1 | | 109.9 | | | 92.8 | | | 80 |
| 85 | | 186.8 | 172.9 | | 196.5 | 196.4 | | 197 | | | 149 | | 124.9 | 113.8 | | 105.6 | 97.5 | | 88.6 | | | 85 |
| 90 | | | 166.5 | | 193.2 | 184.8 | | 188.4 | 178.1 | | 142.2 | | | 107.5 | | | 91.7 | | 85.3 | 79.1 | | 90 |
| 95 | | | 164.2 | | | 174.3 | | 178.3 | 168 | | 137.1 | | | 102 | | | 86.8 | | | 74.7 | | 95 |
| 100 | | | | | | 164.9 | | | 159 | | 135.1 | 134.5 | | 97.5 | | | 82.5 | | | 70.9 | | 100 |
| 105 | | | | | | | | | 150.7 | | | 125.8 | | 93.9 | | | 78.9 | | | 67.4 | | 105 |
| 110 | | | | | | | | | 143.1 | | | 119.1 | | | 83.1 | | | | 64.4 | | | 110 |
| 115 | | | | | | | | | | | | 114 | | | 77.8 | | | | | | | 115 |
| 120 | | | | | | | | | | | | 111 | | | 73.6 | | | 62.3 | | | | 120 |
| 125 | | | | | | | | | | | | | | | 70.2 | | | 58.6 | | | | 125 |
| 130 | | | | | | | | | | | | | | | | | 55.6 | | | | | 130 |
| 135 | | | | | | | | | | | | | | | | | | | | 47.5 | | 135 |
| 140 | | | | | | | | | | | | | | | | | | | | 45 | | 140 |
| 140 | | | | | | | | | | | | | | | | | | | | 42.6 | | 140 |

* adapter - pièce d'adaptateur

t_198_206_00001_00_000



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|-------|----------------------|-------|-------|----------------------|-------|------|----------------------|------|-----|----------------------|------|-----|-----|
| | N 80 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 40 | 290.3 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 267.2 | | | 283.2 | | | 255.5 | | | | | | | | | | | | | | | 45 |
| 50 | 246.2 | | | 267.7 | | | 255.5 | | | 203.6 | | | 164.7 | | | | | | | | | 50 |
| 55 | 228.6 | | | 249.1 | | | 251.3 | | | 197.4 | | | 158.7 | | | 129 | | | | | | 55 |
| 60 | 214.8 | 228.9 | | 233.6 | | | 241.7 | | | 190.2 | | | 152 | | | 125.3 | | | 100.9 | | | 60 |
| 65 | 203.6 | 210.3 | | 221 | 238.4 | | 229.6 | | | 180.9 | | | 145.2 | | | 120.9 | | | 99 | | | 65 |
| 70 | 195.2 | 195.9 | | 211.3 | 220.2 | | 219.2 | 237.6 | | 170.9 | | | 138.7 | | | 116.3 | | | 96.2 | | | 70 |
| 75 | 189.6 | 184.5 | | 204 | 205.7 | | 210.7 | 221.9 | | 162.3 | 172.6 | | 132.1 | | | 111.7 | | | 93.1 | | | 75 |
| 80 | 185.3 | 175.9 | 190.9 | 194 | 194.4 | | 202.7 | 208.2 | | 155.2 | 160 | | 125.8 | 124.6 | | 107.1 | | | 89.9 | | | 80 |
| 85 | 174.4 | 169.8 | 174.6 | 180 | 185.4 | | 188.3 | 196.9 | | 149.8 | 149.6 | | 120.1 | 115.6 | | 102.6 | | | 86.7 | | | 85 |
| 90 | | 166.6 | 163.5 | 167 | 179.3 | 183.9 | 174.8 | 187.1 | | 146.6 | 141 | | 115.4 | 108.5 | | 98.4 | 93 | | 83.1 | | | 90 |
| 95 | | 165.3 | 155 | | 175.9 | 173.5 | | 178 | | 145.9 | 133.7 | | 111.8 | 102.2 | | 94.8 | 87.4 | | 79.6 | 75.2 | | 95 |
| 100 | | | 149.5 | | 171.1 | 164.3 | | 168.7 | 158.4 | | 128.2 | | | 96.9 | | | 82.6 | | 76.8 | 71 | | 100 |
| 105 | | | 147.1 | | | 155.8 | | 159.8 | 150.2 | | 123.9 | | | 92.4 | | | 78.3 | | 67.4 | | | 105 |
| 110 | | | | | | 148.1 | | | 142.8 | | 121.7 | 121.7 | | 88.5 | | | 74.8 | | 64 | | | 110 |
| 115 | | | | | | 140.9 | | | 136 | | | 114.4 | | 85.3 | 81.8 | | 71.7 | | 61 | | | 115 |
| 120 | | | | | | | | | 129.7 | | | 108.6 | | | 76 | | 69 | | 58.3 | | | 120 |
| 125 | | | | | | | | | | | | 104.1 | | | 71.4 | | 61 | | 56 | | | 125 |
| 130 | | | | | | | | | | | | 101.2 | | | 67.6 | | 57 | | | | | 130 |
| 135 | | | | | | | | | | | | | | | 64.5 | | 53.7 | | | | | 135 |
| 140 | | | | | | | | | | | | | | | | | 50.9 | | | 46.3 | | 140 |
| 145 | | | | | | | | | | | | | | | | | 48.7 | | | 41 | | 145 |
| 150 | | | | | | | | | | | | | | | | | | | | 39 | | 150 |

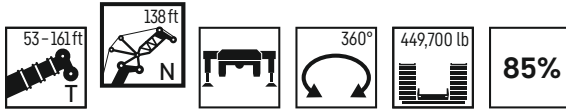
* adapter - pièce d'adaptateur

t_198_206_00001_00_000

Lifting capacities

Forces de levage

TN 138 - 149 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|-------|----------------------|-----|-------|----------------------|------|-----|----------------------|------|------|----------------------|------|------|-----|
| | N138 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 60 | 175.1 | | | 169.2 | | | | | | | | | | | | | | | | | | 60 |
| 65 | 173.5 | | | 168 | | | | | | 152.3 | | | 127.8 | | | | | | | | | 65 |
| 70 | 170 | | | 166.8 | | | | | | 151.8 | | | 126.9 | | | 104.5 | | | | | | 70 |
| 75 | 164.4 | | | 165.8 | | | | | | 151.4 | | | 124.6 | | | 103.1 | | | | | | 75 |
| 80 | 157.3 | | | 163 | | | | | | 150.7 | | | 121.5 | | | 100.9 | | | 80.9 | | | 80 |
| 85 | 150.4 | 159.2 | | 159.6 | | | | | | 149.6 | | | 119.5 | | | 98.5 | | | 79.8 | | | 85 |
| 90 | 144.5 | 150.9 | | 155.5 | 157.1 | | | | | 147.9 | | | 117.4 | | | 96 | | | 78.3 | | | 90 |
| 95 | 139 | 143 | | 150.8 | 154.5 | | | 143.3 | | 145.7 | | | 115.1 | | | 93.4 | | | 76.7 | | | 95 |
| 100 | 134.3 | 136.1 | | 146.2 | 150.3 | | | 142 | | 143.5 | 142 | 112.7 | 112.9 | | | 90.4 | | | 74.8 | | | 100 |
| 105 | 130.2 | 130.1 | | 141.6 | 144.4 | | | 141.4 | | 140.9 | | 110.2 | 110.7 | | | 87.7 | | | 72.8 | | | 105 |
| 110 | 126.6 | 124.9 | | 135.3 | 138.4 | | | 137.9 | | 139.2 | | 107.8 | 108 | | | 85 | 83 | | 70.7 | | | 110 |
| 115 | 123.7 | 120.2 | 129.3 | 128.6 | 133.1 | | | 131.7 | | 136.7 | | 104.9 | 105 | | | 82.4 | 79.6 | | 68.8 | 65.7 | | 115 |
| 120 | 119.1 | 116.3 | 121.5 | 121.9 | 128.4 | | | 125.6 | | 132.8 | | 101.9 | 101.4 | | | 79.9 | 76.3 | | 66.9 | 63.2 | | 120 |
| 125 | 113.5 | 113 | 115 | 115.8 | 124.2 | 123.7 | | 119.7 | | 127.4 | | 99.3 | 97.5 | | | 77.5 | 73 | | 65.1 | 60.8 | 51.4 | 125 |
| 130 | 108.1 | 110.3 | 109.8 | 110.3 | 120.9 | 118.9 | | 113.9 | | 122.4 | | 97 | 93.6 | | | 75.2 | 70 | | 63.3 | 58.4 | 48 | 130 |
| 135 | 103.1 | 108.2 | 105.5 | 105.2 | 116.8 | 114.3 | | 108.5 | 117.8 | 109.3 | | 95.1 | 90.3 | | | 73.1 | 67.2 | | 61.6 | 56.1 | 46.4 | 135 |
| 140 | 94.4 | 105.7 | 101.8 | 100.6 | 111.9 | 110 | | 103.5 | 105.3 | 105.3 | | 93.9 | 87.3 | 92.5 | | 71.2 | 64.5 | | 60 | 53.9 | 49.9 | 140 |
| 145 | 80.9 | 102.3 | 99 | 94.1 | 106.7 | 105.7 | | 99 | 109.2 | 101.5 | | 93.5 | 84.7 | 87.5 | | 69.7 | 62.1 | | 58.5 | 51.7 | 48.6 | 145 |
| 150 | | 98 | 96.8 | 102 | 101.7 | 97.9 | | 89.4 | 105.1 | 97.8 | | 93.5 | 82.6 | 83.2 | | 68.6 | 60 | 58.1 | 57.2 | 49.7 | 47.4 | 150 |
| 155 | | | 95.4 | 97.6 | 97.9 | 94.3 | | | 101.1 | 94.1 | | | 80.8 | 79.5 | | 68.3 | 58 | 54.8 | 56.3 | 48 | 46.4 | 155 |
| 160 | | | 93.2 | 92.3 | 94.3 | 90.7 | | | 97.4 | 90.7 | | | 79.7 | 76.2 | | | 56.3 | 52 | 46.4 | 42.7 | 38.5 | 160 |
| 165 | | | 91.7 | | 91 | 87.5 | | | | 87.5 | | | 79.3 | 73.4 | | | 54.9 | 49.4 | 45 | 40.3 | 37.1 | 165 |
| 170 | | | | | | 87.8 | | | | 84.4 | | | | 70.9 | | | 53.8 | 47.3 | 43.6 | 38.2 | 35.8 | 170 |
| 175 | | | | | | | | | | 81.5 | | | | 68.9 | | | | 45.3 | 42.6 | 36.4 | 34.7 | 175 |
| 180 | | | | | | | | | | 78.7 | | | | 67.3 | | | | 43.5 | | 34.7 | 33.7 | 180 |
| 185 | | | | | | | | | | | | | | 66.4 | | | | 41.9 | | 33.2 | 26.7 | 185 |
| 190 | | | | | | | | | | | | | | | | | | 40.5 | | 31.9 | 25.5 | 190 |
| 195 | | | | | | | | | | | | | | | | | | 39.4 | | 30.6 | 24.4 | 195 |
| 200 | | | | | | | | | | | | | | | | | | | 29.5 | 29.5 | 23.3 | 200 |
| 205 | | | | | | | | | | | | | | | | | | | | | 22.3 | 205 |
| 210 | | | | | | | | | | | | | | | | | | | | | 21.4 | 210 |

* adapter - pièce d'adaptateur

t_198_206_00601_00_000



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | |
|-----|---------------------|-------|-------|---------------------|-------|-------|---------------------|-------|-------|----------------------|-------|-----|----------------------|-------|------|----------------------|------|------|----------------------|------|------|------|-----|
| | N149 ft | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 60 | 158.5 | | | 151.9 | | | | | | 136.6 | | | | | | | | | | | | 60 | |
| 65 | 157.3 | | | 151.1 | | | | | | 136.6 | | | 115.5 | | | | | | | | | 65 | |
| 70 | 156 | | | 150.2 | | | | | | 136.6 | | | 115.5 | | | | | | | | | 70 | |
| 75 | 154.4 | | | 149.3 | | | | | | 136.3 | | | 113.8 | | | | | | | | | 75 | |
| 80 | 151 | | | 147.7 | | | | | | 135.3 | | | 111.3 | | | | | | | | | 80 | |
| 85 | 146.4 | | | 145.2 | | | | | | 134.4 | | | 108.7 | | | 94.9 | | | 73.4 | | | 85 | |
| 90 | 140.5 | 146 | | 142.3 | 141.1 | | | | | 133.6 | | | 107.1 | | | 92.4 | | | 73 | | | 90 | |
| 95 | 135.1 | 141.2 | | 139.7 | 139.5 | | | 128.7 | | 132.3 | | | 105.4 | | | 90.5 | | | 72.8 | | | 95 | |
| 100 | 130.1 | 134.5 | | 137.8 | 137.8 | | | 130.7 | | 127.7 | | | 103.6 | 101.6 | | 88.5 | | | 70.6 | | | 100 | |
| 105 | 125.8 | 128.4 | | 132.9 | 134.6 | | | 129.2 | | 126.8 | | | 101.7 | 101.3 | | 86.3 | | | 69.2 | | | 105 | |
| 110 | 122 | 122.9 | | 127.9 | 130.8 | | | 127.6 | | 125.9 | | | 99.8 | 99.6 | | 84 | | | 67.5 | | | 110 | |
| 115 | 118.8 | 118 | | 126.8 | 128.4 | | | 126.6 | | 125.9 | | | 99.8 | 99.6 | | 79.2 | 77.6 | | 65.8 | | | 115 | |
| 120 | 115.6 | 113.8 | | 126.8 | 126 | | | 123.6 | | 124.9 | | | 97.7 | 97.3 | | 77 | 74.7 | | 64.1 | 61.2 | | 120 | |
| 125 | 112.3 | 110.1 | 116.9 | 115.9 | 121.8 | | | 118.7 | | 123.1 | | | 95.6 | 95 | | 74.8 | 71.9 | | 62.4 | 59.1 | 51.1 | 125 | |
| 130 | 107.3 | 106.7 | 110.6 | 110.2 | 117.9 | 117.2 | | 112.9 | | 120.3 | | | 93.4 | 92.2 | | 72.7 | 68.9 | | 60.8 | 57.1 | 49.9 | 130 | |
| 135 | 102.3 | 103.9 | 105.4 | 105 | 114.3 | 112.7 | | 107.5 | 115.8 | 115.8 | | | 91.2 | 89 | | 70.7 | 66.2 | | 59.2 | 55 | 48.8 | 135 | |
| 140 | 97.8 | 101.8 | 101 | 100.3 | 111.2 | 108.6 | | 102.6 | | 111.6 | 103.4 | | 89.2 | 85.9 | | 68.8 | 63.7 | | 57.7 | 53 | 47.7 | 140 | |
| 145 | 93.6 | 99.7 | 97.2 | 96 | 106.5 | 104.7 | | 98.1 | 107.7 | 99.7 | | | 87.7 | 83.1 | | 66.9 | 61.3 | | 56.2 | 51 | 46.6 | 145 | |
| 150 | 87.3 | 96.8 | 94 | 91.9 | 101.7 | 101 | | 93.9 | 104 | 96.2 | | | 86.7 | 80.5 | 84.4 | | 65.3 | 59.1 | 54.9 | 49 | 45.5 | 150 | |
| 155 | 76.7 | 92.8 | 91.6 | 87 | 97.2 | 97.5 | | 90 | 100.5 | 92.9 | | | 86.3 | 78.3 | 80.2 | | 63.9 | 57 | 53.6 | 47.2 | 44.5 | 155 | |
| 160 | | 88.9 | 89.7 | 74.6 | 93.1 | 94 | | 84.6 | 96.9 | 89.9 | | | 86.3 | 76.4 | 76.5 | | 63 | 55 | 52.9 | 45.5 | 43.3 | 160 | |
| 165 | | 83.6 | 88.4 | | 89.3 | 90.7 | | | 93.1 | 86.8 | | | | 74.8 | 73.4 | | 62.6 | 53.3 | 50 | 51.6 | 42.4 | 165 | |
| 170 | | | 86.4 | | 85.6 | 87.5 | | | 89.3 | 83.8 | | | | 73.7 | 70.5 | | | 51.8 | 47.5 | 42.5 | 38.7 | 170 | |
| 175 | | | 84.6 | | | 84.5 | | | 85.7 | 80.9 | | | | 73.4 | 67.9 | | | 50.5 | 45.4 | 41.2 | 36.6 | 175 | |
| 180 | | | | | | 81.7 | | | | 78.2 | | | | 73.4 | 65.7 | | | 49.5 | 43.4 | 40.1 | 34.8 | 32.7 | 180 |
| 185 | | | | | | 79 | | | | 75.6 | | | | | 64 | | | 49 | 41.7 | 39.1 | 33.1 | 31.7 | 185 |
| 190 | | | | | | | | | | 73.2 | | | | | 62.5 | | | | 40.1 | | 31.7 | 25.3 | 190 |
| 195 | | | | | | | | | | | | | | | 61.6 | | | | 38.6 | | 30.4 | 24.1 | 195 |
| 200 | | | | | | | | | | | | | | | 61.4 | | | | 37.3 | | 29.1 | 23 | 200 |
| 205 | | | | | | | | | | | | | | | | | | | 36.3 | | 28 | 22 | 205 |
| 210 | | | | | | | | | | | | | | | | | | | | | 27 | 21 | 210 |
| 215 | | | | | | | | | | | | | | | | | | | | | 26.1 | 20.1 | 215 |
| 220 | | | | | | | | | | | | | | | | | | | | | | 19.3 | 220 |

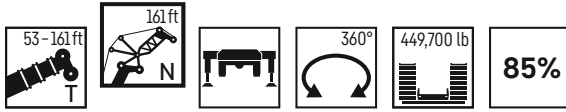
* adapter - pièce d'adaptateur

t_198_206_00701_00_000

Lifting capacities

Forces de levage

TN 161 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|-------|------|---------------------|-------|-------|---------------------|-------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|
| | N161 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 65 | 143 | | | 137.9 | | | | | | | | | | | | | | | | | | 65 |
| 70 | 142 | | | 137.3 | | | 123.1 | | | | | | | | | | | | | | | 70 |
| 75 | 140.9 | | | 136.5 | | | 123.1 | | | 104.5 | | | 85.9 | | | | | | | | | 75 |
| 80 | 139.7 | | | 135.4 | | | 123.1 | | | 104.3 | | | 85.6 | | | 66.2 | | | 50.6 | | | 80 |
| 85 | 137.4 | | | 134.1 | | | 122.5 | | | 103.4 | | | 85.3 | | | 66.1 | | | 50.4 | | | 85 |
| 90 | 134.3 | | | 132.9 | | | 121.7 | | | 101.7 | | | 84.4 | | | 65.9 | | | 50.3 | | | 90 |
| 95 | 130.2 | 131.8 | | 131.4 | | | 120.9 | | | 99.4 | | | 83 | | | 65.7 | | | 50.2 | | | 95 |
| 100 | 125.9 | 129.8 | | 129.5 | 126.9 | | 120.1 | | | 97.4 | | | 81.3 | | | 65.4 | | | 50.1 | | | 100 |
| 105 | 121.5 | 125.9 | | 127.4 | 125.6 | | 119.4 | 115 | | 96.2 | | | 79.5 | | | 64.5 | | | 50 | | | 105 |
| 110 | 117.5 | 120.7 | | 125.2 | 124.3 | | 118.5 | 114.8 | | 94.8 | 91.9 | | 77.6 | | | 63.4 | | | 49.9 | | | 110 |
| 115 | 114 | 115.6 | | 122.6 | 123.1 | | 117.6 | 114.2 | | 93.3 | 91.1 | | 75.6 | | | 62.2 | | | 49.3 | | | 115 |
| 120 | 111 | 111.1 | | 119.4 | 120.8 | | 116.3 | 113.5 | | 91.7 | 91 | | 73.5 | 72.2 | | 60.7 | | | 48.6 | | | 120 |
| 125 | 108.4 | 107.2 | | 114.4 | 118 | | 114.2 | 112.9 | | 90.2 | 89.6 | | 71.5 | 69.7 | | 59.2 | 56.8 | | 47.8 | | | 125 |
| 130 | 105.4 | 103.7 | 111 | 109 | 114.5 | | 110.7 | 112.1 | | 88.6 | 87.7 | | 69.6 | 67.2 | | 57.8 | 54.9 | | 46.9 | 43.9 | | 130 |
| 135 | 102.1 | 100.6 | 106 | 104.1 | 110.9 | | 106.4 | 111 | | 87 | 85.8 | | 67.8 | 64.8 | | 56.3 | 53.1 | | 46 | 42.7 | | 135 |
| 140 | 97.6 | 98 | 101 | 99.4 | 107.9 | 106.3 | 101.5 | 109 | | 85.2 | 83.6 | | 66.1 | 62.3 | | 54.9 | 51.3 | | 44.9 | 41.4 | | 140 |
| 145 | 93.4 | 95.6 | 96.6 | 94.9 | 104.5 | 102.5 | 97.1 | 105.4 | 96.9 | 83.4 | 80.9 | | 64.3 | 60 | | 53.5 | 49.5 | | 43.9 | 40.1 | | 145 |
| 150 | 89.5 | 93.7 | 92.7 | 90.9 | 100.5 | 98.9 | 92.9 | 101.8 | 94.1 | 81.9 | 78.4 | | 62.7 | 57.8 | | 52.2 | 47.7 | | 42.9 | 38.8 | | 150 |
| 155 | 85.7 | 91.6 | 89.4 | 87.2 | 96.2 | 95.5 | 89 | 98.4 | 90.8 | 80.6 | 76.1 | 78.1 | 61.2 | 55.8 | | 51 | 46 | | 42 | 37.5 | | 155 |
| 160 | 80.6 | 88.6 | 86.7 | 83.6 | 92.1 | 92.4 | 85.4 | 95.2 | 87.8 | 79.6 | 73.9 | 76.8 | 59.8 | 53.9 | | 49.8 | 44.2 | | 41.1 | 36.3 | | 160 |
| 165 | 72 | 85 | 84.4 | 79.8 | 88.3 | 89.4 | 81.9 | 92 | 85 | 79.2 | 71.9 | 73.4 | 58.6 | 52.1 | 50.9 | 48.7 | 42.7 | | 40.2 | 35.1 | | 165 |
| 170 | 59.5 | 81.6 | 82.8 | 71.1 | 84.7 | 86.5 | 78.7 | 88.3 | 82.3 | 79.2 | 70.2 | 70.2 | 57.7 | 50.4 | 48.1 | 47.7 | 41.2 | | 39.3 | 33.8 | | 170 |
| 175 | | 77.7 | 81.7 | | 81.3 | 83.6 | | 84.8 | 79.8 | 74.9 | 68.9 | 67.3 | 57.3 | 48.9 | 45.6 | 47 | 39.8 | 36.8 | 38.4 | 32.6 | | 175 |
| 180 | | | 79.9 | | 78.2 | 80.8 | | 81.4 | 77.2 | | 67.9 | 64.8 | | 47.5 | 43.4 | 46.5 | 38.5 | 34.7 | 37.8 | 31.5 | | 180 |
| 185 | | | 78.1 | | | 78.1 | | 78.2 | 74.6 | | 67.6 | 62.6 | | 46.4 | 41.4 | | 37.3 | 32.8 | | 30.4 | 26.4 | 185 |
| 190 | | | 76 | | | 75.6 | | | 72.2 | | 67.6 | 60.6 | | 45.4 | 39.7 | | 36.3 | 31.2 | | 29.4 | 24.9 | 190 |
| 195 | | | | | | 73.2 | | | | | | | 59 | | 44.8 | | 35.4 | 29.7 | | 28.5 | 23.5 | 195 |
| 200 | | | | | | | | | | | | | 57.6 | | | | 34.8 | 28.4 | | 27.6 | 22.3 | 200 |
| 205 | | | | | | | | | | | | | 56.8 | | | | | 27.2 | | 27 | 21.2 | 205 |
| 210 | | | | | | | | | | | | | 56.4 | | | | | 26.1 | | 20.2 | | 210 |
| 215 | | | | | | | | | | | | | | | 33.2 | | | 25.1 | | 19.3 | | 215 |
| 220 | | | | | | | | | | | | | | | | | | 24.1 | | 18.4 | | 220 |
| 225 | | | | | | | | | | | | | | | | | | 23.3 | | 17.6 | | 225 |
| 230 | | | | | | | | | | | | | | | | | | | 16.8 | | | 230 |

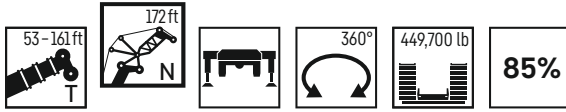
* adapter - pièce d'adaptateur

t_198_206_00801_00_000

Lifting capacities

Forces de levage

TN 172 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|-------|-------|---------------------|-------|------|---------------------|-------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 70 | 129.4 | | | 124.5 | | | | | | | | | | | | | | | | | | 70 |
| 75 | 128.6 | | | 124.3 | | | 111.4 | | | 94.6 | | | | | | | | | | | | 75 |
| 80 | 127.5 | | | 123.3 | | | 111.4 | | | 94.6 | | | 79.3 | | | | | | | | | 80 |
| 85 | 126.2 | | | 122.2 | | | 111.4 | | | 94.6 | | | 79.2 | | | 61.3 | | | 47 | | | 85 |
| 90 | 124.7 | | | 121.2 | | | 110.8 | | | 94.2 | | | 78.4 | | | 61 | | | 46.8 | | | 90 |
| 95 | 123.1 | | | 120.2 | | | 110.2 | | | 92.7 | | | 77.3 | | | 60.8 | | | 46.7 | | | 95 |
| 100 | 120.9 | 118.9 | | 119.3 | | | 109.7 | | | 90.9 | | | 76.1 | | | 60.6 | | | 46.5 | | | 100 |
| 105 | 118.2 | 117.6 | | 118.5 | 114.4 | | 109.1 | | | 89 | | | 74.7 | | | 60.2 | | | 46.3 | | | 105 |
| 110 | 114.7 | 116 | | 117.1 | 113.4 | | 108.6 | 104.6 | | 88 | | | 73.1 | | | 59.4 | | | 46.1 | | | 110 |
| 115 | 111.3 | 112.6 | | 115.5 | 112.6 | | 108.2 | 104 | | 86.9 | 84.4 | | 71.5 | | | 58.4 | | | 45.7 | | | 115 |
| 120 | 108.6 | 108.6 | | 113.8 | 111.7 | | 107.8 | 103.4 | | 85.8 | 84.3 | | 69.9 | | | 57.4 | | | 45.2 | | | 120 |
| 125 | 105.9 | 104.9 | | 112.1 | 110.8 | | 107 | 102.9 | | 84.6 | 83.4 | | 68.2 | 65.9 | | 56.2 | | | 44.8 | | | 125 |
| 130 | 103.7 | 101.6 | | 108.8 | 109.4 | | 106.2 | 102.5 | | 83.5 | 82.2 | | 66.6 | 63.9 | | 55 | 51.9 | | 44.1 | | | 130 |
| 135 | 101.3 | 98.7 | 102.4 | 104.1 | 107.5 | | 104.5 | 102.1 | | 82.4 | 80.8 | | 65 | 61.9 | | 53.8 | 50.4 | | 43.4 | | | 135 |
| 140 | 97.8 | 96.1 | 99.1 | 99.8 | 105.2 | | 102.3 | 101.7 | | 81.3 | 79.3 | | 63.4 | 59.9 | | 52.6 | 49 | | 42.6 | 39.1 | | 140 |
| 145 | 94.1 | 93.7 | 95.1 | 95.7 | 102.9 | 101 | 98.6 | 101 | | 80.2 | 77.9 | | 61.9 | 57.9 | | 51.4 | 47.5 | | 41.8 | 38 | | 145 |
| 150 | 90.2 | 91.8 | 91.7 | 91.8 | 100.6 | 97.4 | 94.5 | 100.1 | | 79.2 | 76.2 | | 60.5 | 56 | | 50.2 | 46.1 | | 40.9 | 37 | | 150 |
| 155 | 86.5 | 90.2 | 88.5 | 88 | 96.8 | 94.1 | 90.6 | 97.3 | 89.9 | 78.2 | 74.4 | | 59.1 | 54.2 | | 49.1 | 44.6 | | 40 | 35.9 | | 155 |
| 160 | 82.9 | 88.7 | 85.8 | 84.4 | 92.9 | 91 | 86.9 | 94.1 | 86.9 | 77.1 | 72.5 | | 57.9 | 52.4 | | 48 | 43.2 | | 39.2 | 34.9 | | 160 |
| 165 | 78.2 | 85.6 | 83.4 | 81 | 89 | 88.1 | 83.5 | 91.1 | 84.1 | 76.2 | 70.7 | 71.4 | 56.7 | 50.9 | | 47 | 41.8 | | 38.4 | 33.8 | | 165 |
| 170 | 71.5 | 82.3 | 81.2 | 77.8 | 85.5 | 85.3 | 80.1 | 88.3 | 81.4 | 75.6 | 69.1 | 69.2 | 55.6 | 49.3 | 47 | 46.1 | 40.4 | | 37.7 | 32.8 | | 170 |
| 175 | 64.2 | 79 | 79.7 | 72.6 | 82 | 82.7 | 76.9 | 85.6 | 78.9 | 75.5 | 67.6 | 66.7 | 54.6 | 47.9 | 44.8 | 45.2 | 39.1 | | 36.9 | 31.7 | | 175 |
| 180 | 55.3 | 76.1 | 78.4 | 64 | 78.7 | 80.2 | 71.1 | 82.8 | 76.5 | 73.1 | 66.3 | 64.3 | 53.9 | 46.5 | 42.7 | 44.5 | 37.9 | 34 | 36.3 | 30.6 | | 180 |
| 185 | | 71.3 | 77.4 | | 75.8 | 77.8 | 60.3 | 79.6 | 74.3 | 66.2 | 65.3 | 62.1 | 53.6 | 45.3 | 40.9 | 43.9 | 36.7 | 32.3 | 35.7 | 29.7 | | 185 |
| 190 | | 61.1 | 75.4 | | 73 | 75.3 | | 76.6 | 72.1 | | 64.5 | 60.1 | | 44.1 | 39.2 | 43.5 | 35.6 | 30.9 | 35.2 | 28.7 | | 190 |
| 195 | | | 73.5 | | 72.9 | | | 73.7 | 69.9 | | 64.3 | 58.4 | | 43.2 | 37.6 | | 34.7 | 29.5 | | 27.9 | 22.9 | 195 |
| 200 | | | 71 | | 70.6 | | | | 67.7 | | 64.3 | 56.8 | | 42.4 | 36.2 | | 33.8 | 28.2 | | 27.1 | 21.7 | 200 |
| 205 | | | | | 68.5 | | | | 65.6 | | | 55.5 | | 41.9 | 34.9 | | 33 | 27 | | 26.3 | 20.7 | 205 |
| 210 | | | | | | | | | 63.6 | | | 54.5 | | | 33.8 | | 32.4 | 25.9 | | 25.5 | 19.8 | 210 |
| 215 | | | | | | | | | 61.7 | | | 53.8 | | | 32.8 | | | 24.9 | | 25 | 18.9 | 215 |
| 220 | | | | | | | | | | | | 53.6 | | | 31.8 | | | 24 | | | 18 | 220 |
| 225 | | | | | | | | | | | | | | | 30.9 | | | 23.2 | | | 17.3 | 225 |
| 230 | | | | | | | | | | | | | | | | | | 22.4 | | | 16.5 | 230 |
| 235 | | | | | | | | | | | | | | | | | | 21.7 | | | 15.9 | 235 |
| 240 | | | | | | | | | | | | | | | | | | | | | 15.2 | 240 |
| 245 | | | | | | | | | | | | | | | | | | | | | 14.6 | 245 |

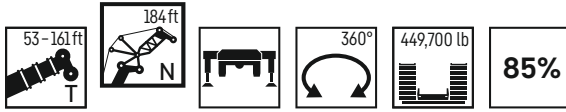
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 184 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | | | | |
|-----|---------------------|-------|------|---------------------|-------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|-----|-----|----|-----|-----|
| | N184 ft | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 70 | 117.8 | | | | | | | | | | | | | | | | | | | | | | | | 70 | | |
| 75 | 117.2 | | | 112.6 | | | 100.7 | | | | | | | | | | | | | | | | | | | 75 | |
| 80 | 116.1 | | | 112.2 | | | 100.7 | | | 85.8 | | | | | | | | | | | | | | | | 80 | |
| 85 | 114.9 | | | 111.2 | | | 100.7 | | | 85.8 | | | 71.8 | | | 55.8 | | | | | | | | | | 85 | |
| 90 | 113.8 | | | 110.4 | | | 100.6 | | | 85.8 | | | 71.8 | | | 55.5 | | | | 42.4 | | | | | | 90 | |
| 95 | 112.8 | | | 109.4 | | | 100.1 | | | 85.8 | | | 71.4 | | | 55.3 | | | | 42.2 | | | | | | 95 | |
| 100 | 111.7 | | | 108.6 | | | 99.6 | | | 84.9 | | | 70.6 | | | 55.1 | | | | 42 | | | | | | 100 | |
| 105 | 110.2 | 107.4 | | 107.8 | | | 99 | | | 83.5 | | | 69.6 | | | 54.9 | | | | 41.9 | | | | | | 105 | |
| 110 | 108.4 | 106.3 | | 107.1 | 103.4 | | 98.5 | | | 81.9 | | | 68.4 | | | 54.6 | | | | 41.7 | | | | | | 110 | |
| 115 | 106.2 | 105.3 | | 106.2 | 102.6 | | 98.1 | 94.3 | | 80.3 | | | 67.2 | | | 54.2 | | | | 41.6 | | | | | | 115 | |
| 120 | 103.9 | 104.2 | | 105.2 | 101.8 | | 97.8 | 93.9 | | 79.4 | 77.3 | | 65.8 | | | 53.5 | | | | 41.4 | | | | | | 120 | |
| 125 | 101.5 | 101.7 | | 104.2 | 101 | | 97.4 | 93.4 | | 78.5 | 76.3 | | 64.5 | | | 52.6 | | | | 41 | | | | | | 125 | |
| 130 | 99.1 | 98.6 | | 103.1 | 100.4 | | 97.1 | 93 | | 77.6 | 76.1 | | 63 | 60.9 | | 51.7 | | | | 40.6 | | | | | | 130 | |
| 135 | 97 | 95.6 | | 101.8 | 99.8 | | 96.6 | 92.6 | | 76.7 | 75.4 | | 61.5 | 59.2 | | 50.7 | 47.8 | | | 40.1 | | | | | | 135 | |
| 140 | 95 | 92.9 | | 98.3 | 98.8 | | 95.9 | 92.2 | | 75.8 | 74.3 | | 60.1 | 57.4 | | 49.7 | 46.6 | | | 39.6 | | | | | | 140 | |
| 145 | 92.5 | 90.3 | 92.7 | 94.7 | 97.6 | | 94.5 | 92 | | 74.8 | 73.1 | | 58.8 | 55.6 | | 48.6 | 45.3 | | | 39 | 35.7 | | | | | 145 | |
| 150 | 89.3 | 88.2 | 90.2 | 91 | 96.3 | 93.3 | 92.4 | 91.7 | | 73.9 | 72 | | 57.4 | 53.9 | | 47.5 | 44 | | | 38.3 | 34.8 | | | | | 150 | |
| 155 | 86.1 | 86.2 | 86.9 | 87.4 | 94.3 | 92.2 | 89 | 91.5 | | 73 | 70.8 | | 56.1 | 52.2 | | 46.5 | 42.7 | | | 37.5 | 33.9 | | | | | 155 | |
| 160 | 82.8 | 84.7 | 84 | 84.1 | 91.8 | 89.4 | 85.6 | 91 | 84.8 | 72.2 | 69.5 | | 55 | 50.6 | | 45.5 | 41.4 | | | 36.8 | 33 | | | | | 160 | |
| 165 | 79.5 | 83.4 | 81.4 | 80.8 | 88.5 | 86.5 | 82.3 | 89.1 | 82.1 | 71.5 | 68.1 | | 53.8 | 49 | | 44.5 | 40.1 | | | 36 | 32 | | | | | 165 | |
| 170 | 76.2 | 81.9 | 79.1 | 77.6 | 85.1 | 83.7 | 79.1 | 86.4 | 79.5 | 70.8 | 66.5 | 66.3 | 52.7 | 47.5 | | 43.5 | 38.8 | | | 35.3 | 31.1 | | | | | 170 | |
| 175 | 71.6 | 78.8 | 77.1 | 74.5 | 81.8 | 81.2 | 76.1 | 83.7 | 77 | 70.2 | 65 | 64.9 | 51.7 | 46.1 | | 42.7 | 37.6 | | | 34.6 | 30.1 | | | | | 175 | |
| 180 | 65.9 | 75.7 | 75.2 | 71.7 | 78.5 | 78.7 | 73.1 | 81.3 | 74.7 | 69.7 | 63.5 | 63.2 | 50.8 | 44.8 | 42.2 | 41.8 | 36.4 | | | 33.9 | 29.2 | | | | | 180 | |
| 185 | 59.7 | 72.9 | 73.8 | 67.2 | 75.4 | 76.4 | 70.4 | 78.6 | 72.4 | 69.5 | 62.3 | 61.1 | 50 | 43.6 | 40.4 | 41.1 | 35.3 | | | 33.3 | 28.3 | | | | | 185 | |
| 190 | 52.5 | 70.2 | 72.8 | 60.2 | 72.6 | 74.2 | 66.4 | 75.5 | 70.3 | 67.4 | 61.2 | 59 | 49.4 | 42.4 | 38.6 | 40.5 | 34.2 | 30.3 | | 32.7 | 27.4 | | | | | 190 | |
| 195 | | 66.5 | 71.9 | 69.9 | 72.1 | 58.3 | 72.6 | 68.3 | 61.9 | 60.3 | 57.2 | 49 | 41.2 | 37 | 40 | 33.2 | 28.9 | | | 32.2 | 26.5 | | | | | 195 | |
| 200 | | 58.7 | 70.3 | 67.4 | 70 | | 69.9 | 66.4 | | 59.6 | 55.4 | 48.9 | 40.2 | 35.4 | 39.6 | 32.2 | 27.5 | | | 31.8 | 25.7 | 21 | | | | 200 | |
| 205 | | | 67.9 | 61.9 | 67.8 | | 67.4 | 64.6 | | 59.4 | 53.9 | | 39.4 | 34 | | 31.4 | 26.3 | | | 31.5 | 24.9 | 20 | | | | 205 | |
| 210 | | | 65.5 | | 65.8 | | | 62.7 | | 59.3 | 52.5 | | 38.6 | 32.8 | | 30.6 | 25.1 | | | 24.1 | 19 | | | | | 210 | |
| 215 | | | | | 63.8 | | | 60.8 | | 59.3 | 51.3 | | 38.2 | 31.6 | | 29.9 | 24.1 | | | 23.4 | 18 | | | | | 215 | |
| 220 | | | | | | | | 59 | | | 50.4 | | 38.1 | 30.6 | | 29.3 | 23.1 | | | 22.8 | 17.1 | | | | | 220 | |
| 225 | | | | | | | | 57.2 | | | 49.6 | | | 29.6 | | 22.2 | | | | 22.2 | 16.3 | | | | | 225 | |
| 230 | | | | | | | | | | | 49.3 | | | 28.7 | | | | | | 21.3 | | | | | | | 230 |
| 235 | | | | | | | | | | | 49.3 | | | 28 | | | | | | 20.6 | | | | | | | 235 |
| 240 | | | | | | | | | | | | | | 27.4 | | | | | | 19.9 | | | | | | | 240 |
| 245 | | | | | | | | | | | | | | | | | | | | 19.2 | | | | | | | 245 |
| 250 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | 250 |
| 255 | | | | | | | | | | | | | | | | | | | | | 12.4 | | | | | | 255 |

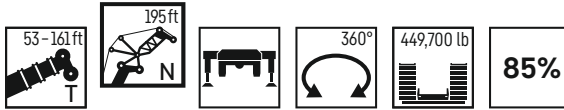
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 195 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|-----|-----|-----|
| | N195 ft | | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 75 | 106 | | | | | | | | | | | | | | | | | | | | | | | | 75 |
| 80 | 105.3 | | | 101 | | | 90.9 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 104.3 | | | 100.8 | | | 90.7 | | | 77.7 | | | 65.3 | | | | | | | | | | | | 85 |
| 90 | 103.3 | | | 100 | | | 90.7 | | | 77.7 | | | 65.3 | | | 51 | | | | | | | | | 90 |
| 95 | 102.3 | | | 99.2 | | | 90.7 | | | 77.7 | | | 65.3 | | | 50.8 | | | 38.7 | | | | | | 95 |
| 100 | 101.4 | | | 98.5 | | | 90.5 | | | 77.7 | | | 65.2 | | | 50.6 | | | 38.5 | | | | | | 100 |
| 105 | 100.6 | | | 97.7 | | | 90 | | | 77.5 | | | 64.8 | | | 50.4 | | | 38.4 | | | | | | 105 |
| 110 | 99.7 | 96.8 | | 97.1 | | | 89.5 | | | 76.6 | | | 64 | | | 50.2 | | | 38.2 | | | | | | 110 |
| 115 | 98.9 | 95.9 | | 96.4 | 93.2 | | 89.1 | | | 75.4 | | | 63.1 | | | 50 | | | 38.1 | | | | | | 115 |
| 120 | 97.4 | 95 | | 95.9 | 92.5 | | 88.8 | 84.9 | | 74 | | | 62.1 | | | 49.8 | | | 38 | | | | | | 120 |
| 125 | 95.9 | 94.2 | | 95.4 | 91.8 | | 88.4 | 84.9 | | 72.6 | 71.6 | | 61 | | | 49.5 | | | 37.9 | | | | | | 125 |
| 130 | 94.4 | 93.4 | | 94.9 | 91.2 | | 88.1 | 84.6 | | 71.9 | 69.8 | | 59.8 | | | 48.8 | | | 37.7 | | | | | | 130 |
| 135 | 92.8 | 92.3 | | 94.1 | 90.7 | | 87.8 | 84.2 | | 71.3 | 69.1 | | 58.6 | 56.8 | | 48 | | | 37.4 | | | | | | 135 |
| 140 | 91.2 | 90.1 | | 93.2 | 90.1 | | 87.7 | 83.8 | | 70.5 | 69.1 | | 57.3 | 55.3 | | 47.2 | 44.6 | | 37 | | | | | | 140 |
| 145 | 89.5 | 87.8 | | 91.4 | 89.7 | | 87.6 | 83.5 | | 69.8 | 68.3 | | 56.1 | 53.8 | | 46.3 | 43.5 | | 36.5 | | | | | | 145 |
| 150 | 87.7 | 85.5 | 86.2 | 88.9 | 89.1 | | 87.3 | 83.3 | | 69.1 | 67.5 | | 54.9 | 52.2 | | 45.4 | 42.4 | | 36.1 | 33.2 | | | | | 150 |
| 155 | 84.8 | 83.4 | 84.4 | 86.1 | 88.4 | | 86.8 | 83.1 | | 68.3 | 66.6 | | 53.8 | 50.7 | | 44.5 | 41.2 | | 35.5 | 32.4 | | | | | 155 |
| 160 | 81.7 | 81.6 | 82.7 | 83 | 87.4 | 83.8 | 85 | 82.9 | | 67.6 | 65.7 | | 52.6 | 49.3 | | 43.6 | 40.1 | | 34.9 | 31.6 | | | | | 160 |
| 165 | 78.9 | 80 | 80.2 | 79.9 | 86.1 | 83.4 | 82.3 | 82.8 | 77.9 | 66.9 | 64.7 | | 51.5 | 47.9 | | 42.7 | 39 | | 34.3 | 30.7 | | | | | 165 |
| 170 | 76 | 78.6 | 77.7 | 77.1 | 83.9 | 82.4 | 79.6 | 82.6 | 77.6 | 66.3 | 63.7 | | 50.6 | 46.5 | | 41.8 | 37.8 | | 33.6 | 29.9 | | | | | 170 |
| 175 | 73.1 | 77.2 | 75.5 | 74.3 | 80.9 | 80 | 76.7 | 82.1 | 76.3 | 65.7 | 62.7 | 61.8 | 49.6 | 45.1 | | 41 | 36.7 | | 32.9 | 29.2 | | | | | 175 |
| 180 | 70.3 | 75.3 | 73.5 | 71.4 | 78 | 77.6 | 73.9 | 80.5 | 74 | 65.3 | 61.6 | 60.6 | 48.6 | 43.7 | | 40.1 | 35.6 | | 32.3 | 28.3 | | | | | 180 |
| 185 | 66.4 | 72.5 | 71.8 | 68.8 | 75.2 | 75.3 | 71.1 | 78.2 | 71.8 | 65 | 60.3 | 59.4 | 47.7 | 42.5 | 40.5 | 39.4 | 34.5 | | 31.7 | 27.5 | | | | | 185 |
| 190 | 61.6 | 69.8 | 70.4 | 66.3 | 72.3 | 73.1 | 68.4 | 76 | 69.8 | 64.8 | 59.1 | 58.2 | 47 | 41.4 | 38.7 | 38.6 | 33.5 | | 31.1 | 26.7 | | | | | 190 |
| 195 | 56.2 | 67.3 | 69.2 | 62.7 | 69.6 | 71.1 | 65.9 | 73.4 | 67.8 | 64.6 | 58.1 | 56.5 | 46.3 | 40.3 | 37 | 38 | 32.5 | 29.1 | 30.6 | 25.8 | | | | | 195 |
| 200 | 50.2 | 64.9 | 68.1 | 57 | 67 | 69.1 | 62 | 70.6 | 65.9 | 62.5 | 57.2 | 54.8 | 45.8 | 39.2 | 35.6 | 37.4 | 31.6 | 27.7 | 30 | 25 | | | | | 200 |
| 205 | | 62.1 | 67.2 | 49.4 | 64.6 | 67.2 | 55.4 | 68 | 64.1 | 58 | 56.4 | 53.3 | 45.5 | 38.3 | 34.2 | 37 | 30.7 | 26.4 | 29.6 | 24.2 | 20.1 | | | | 205 |
| 210 | | 56.3 | 65.1 | | 62.4 | 65.4 | | 65.5 | 62.3 | 54.1 | 55.8 | 51.8 | 45.4 | 37.4 | 32.8 | 36.6 | 29.8 | 25.2 | 29.2 | 23.5 | 19 | | | | 210 |
| 215 | | | 62.9 | | 59.1 | 63.7 | | 63.2 | 60.7 | | 55.5 | 50.4 | | 36.6 | 31.5 | | 29 | 24.1 | 29 | 22.7 | 18 | | | | 215 |
| 220 | | | 60.8 | | | 61.8 | | 60.9 | 59.1 | | 55.5 | 49.1 | | 36 | 30.4 | | 28.3 | 23 | | 22.1 | 17.1 | | | | 220 |
| 225 | | | | | | 60 | | | 57.4 | | 55.5 | 48 | | 35.5 | 29.3 | | 27.7 | 22.1 | | 21.5 | 16.2 | | | | 225 |
| 230 | | | | | | | | | 55.7 | | | 47.2 | | 35.3 | 28.3 | | 27.2 | 21.2 | | 20.9 | 15.4 | | | | 230 |
| 235 | | | | | | | | | 54.1 | | | 46.5 | | 34.5 | 27.5 | | 26.8 | 20.4 | | 20.4 | 14.7 | | | | 235 |
| 240 | | | | | | | | | | | | 46.2 | | 34.2 | 26.7 | | 26.7 | 19.6 | | 20.1 | 14 | | | | 240 |
| 245 | | | | | | | | | | | | 46.2 | | 34.2 | 26 | | 26 | 18.9 | | | 13.4 | | | | 245 |
| 250 | | | | | | | | | | | | | | 34.2 | 25.5 | | 25.5 | 18.3 | | | 12.7 | | | | 250 |
| 255 | | | | | | | | | | | | | | | | | | 17.7 | | | 12.2 | | | | 255 |
| 260 | | | | | | | | | | | | | | | | | | 17.2 | | | 11.7 | | | | 260 |
| 265 | | | | | | | | | | | | | | | | | | | | | 11.2 | | | | 265 |

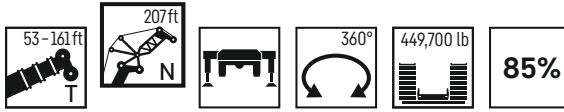
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 207 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|
| | N 207 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 80 | 95.2 | | | 91.2 | | | | | | | | | | | | | | | | | | 80 |
| 85 | 94.7 | | | 90.9 | | | 81.9 | | | 70.3 | | | | | | | | | | | | 85 |
| 90 | 93.9 | | | 90.6 | | | 81.8 | | | 70.2 | | | 59.4 | | | | | | | | | 90 |
| 95 | 93.1 | | | 90.3 | | | 81.7 | | | 70.2 | | | 59.4 | | | 46.1 | | | 34.8 | | | 95 |
| 100 | 92.2 | | | 89.6 | | | 81.6 | | | 70.2 | | | 59.3 | | | 45.9 | | | 34.7 | | | 100 |
| 105 | 91.4 | | | 88.9 | | | 81.5 | | | 70.2 | | | 59 | | | 45.7 | | | 34.5 | | | 105 |
| 110 | 90.6 | | | 88.2 | | | 81.3 | | | 70.2 | | | 58.7 | | | 45.5 | | | 34.4 | | | 110 |
| 115 | 89.9 | 87.4 | | 87.6 | | | 80.9 | | | 69.7 | | | 58.4 | | | 45.3 | | | 34.3 | | | 115 |
| 120 | 89.3 | 86.5 | | 87.1 | 84.2 | | 80.5 | | | 68.9 | | | 57.7 | | | 45.2 | | | 34.2 | | | 120 |
| 125 | 88.2 | 85.7 | | 86.5 | 83.6 | | 80.1 | 76.2 | | 67.9 | | | 56.9 | | | 45.1 | | | 34.1 | | | 125 |
| 130 | 87 | 85 | | 86 | 83 | | 79.6 | 76.2 | | 66.7 | 65.4 | | 56.1 | | | 44.8 | | | 34 | | | 130 |
| 135 | 85.9 | 84.3 | | 85.4 | 82.4 | | 79.2 | 76.2 | | 65.5 | 64.5 | | 55.2 | | | 44.4 | | | 33.8 | | | 135 |
| 140 | 84.8 | 83.8 | | 84.7 | 81.9 | | 78.7 | 76 | | 64.9 | 62.8 | | 54 | 52.2 | | 43.9 | | | 33.7 | | | 140 |
| 145 | 83.8 | 83 | | 83.9 | 81.5 | | 78.1 | 75.7 | | 64.3 | 62.3 | | 52.9 | 51.1 | | 43.2 | 40.8 | | 33.4 | | | 145 |
| 150 | 82.6 | 81.9 | | 83.1 | 81 | | 77.5 | 75.4 | | 63.7 | 62.2 | | 51.9 | 49.8 | | 42.5 | 40 | | 33 | | | 150 |
| 155 | 81.4 | 80.1 | 78.8 | 82.3 | 80.6 | | 76.9 | 75.1 | | 63.1 | 61.7 | | 50.8 | 48.5 | | 41.7 | 39 | | 32.7 | 30.1 | | 155 |
| 160 | 79.7 | 78.2 | 77.8 | 81.4 | 80.3 | | 76.3 | 74.9 | | 62.5 | 61 | | 49.8 | 47.2 | | 40.9 | 38 | | 32.2 | 29.4 | | 160 |
| 165 | 77 | 76.5 | 76.4 | 79.1 | 79.9 | 75.8 | 75.8 | 74.8 | | 61.9 | 60.2 | | 48.8 | 45.9 | | 40.1 | 36.9 | | 31.7 | 28.7 | | 165 |
| 170 | 74.3 | 74.9 | 75.2 | 76.3 | 79.4 | 75.4 | 75.2 | 74.7 | | 61.4 | 59.4 | | 47.8 | 44.6 | | 39.3 | 35.9 | | 31.3 | 28 | | 170 |
| 175 | 71.9 | 73.6 | 73.4 | 73.7 | 78.6 | 75 | 74.4 | 74.5 | | 60.8 | 58.7 | | 46.9 | 43.4 | | 38.5 | 34.9 | | 30.7 | 27.2 | | 175 |
| 180 | 69.4 | 72.3 | 71.4 | 71.2 | 76.7 | 74.7 | 72.3 | 74.3 | 69.8 | 60.3 | 57.9 | | 46 | 42.1 | | 37.7 | 33.9 | | 30.1 | 26.5 | | 180 |
| 185 | 66.8 | 70.7 | 69.5 | 68.7 | 74.3 | 74 | 69.9 | 73.9 | 69.5 | 59.9 | 57.1 | 55.7 | 45.2 | 41 | | 37 | 32.9 | | 29.5 | 25.8 | | 185 |
| 190 | 64.3 | 68.8 | 67.7 | 66.2 | 71.9 | 71.8 | 67.4 | 73.5 | 68 | 59.5 | 56.2 | 54.9 | 44.4 | 39.8 | | 36.3 | 31.9 | | 28.9 | 25 | | 190 |
| 195 | 61 | 66.2 | 66.2 | 63.8 | 69.5 | 69.8 | 65 | 71.8 | 66.1 | 59.3 | 55.3 | 53.9 | 43.7 | 38.7 | 36.6 | 35.6 | 30.9 | | 28.4 | 24.3 | | 195 |
| 200 | 56.9 | 63.9 | 65 | 61.5 | 66.9 | 67.8 | 62.6 | 69.4 | 64.2 | 59.2 | 54.3 | 53 | 43 | 37.7 | 35 | 35 | 30.1 | | 27.8 | 23.6 | | 200 |
| 205 | 52.3 | 61.6 | 63.9 | 58.1 | 64.5 | 65.9 | 60.4 | 67 | 62.4 | 59 | 53.4 | 51.8 | 42.5 | 36.8 | 33.5 | 34.4 | 29.2 | 25.8 | 27.3 | 22.8 | | 205 |
| 210 | 47.2 | 59.5 | 63.1 | 53.1 | 62.1 | 64.2 | 57.6 | 64.6 | 60.7 | 57.4 | 52.6 | 50.3 | 42 | 35.9 | 32.2 | 33.9 | 28.4 | 24.6 | 26.9 | 22.1 | | 210 |
| 215 | 40.2 | 57.3 | 61.7 | 46.9 | 60 | 62.5 | 52.3 | 62.3 | 59.1 | 53.7 | 51.9 | 48.8 | 41.7 | 35.1 | 31 | 33.5 | 27.6 | 23.3 | 26.5 | 21.4 | 17.2 | 215 |
| 220 | | 53.1 | 59.7 | | 58 | 60.8 | | 60.1 | 57.5 | 50.3 | 51.5 | 47.6 | 41.6 | 34.3 | 29.8 | 33.2 | 26.8 | 22.3 | 26.2 | 20.7 | 16.3 | 220 |
| 225 | | | 57.7 | | 55.5 | 59.3 | | 58 | 56 | | 51.2 | 46.4 | | 33.5 | 28.7 | 33.1 | 26.1 | 21.2 | 25.9 | 20.1 | 15.4 | 225 |
| 230 | | | 55.8 | | | 57.7 | | 56 | 54.6 | | 51.2 | 45.3 | | 32.9 | 27.6 | | 25.4 | 20.3 | | 19.5 | 14.6 | 230 |
| 235 | | | 53 | | | 56 | | | 53.2 | | 51.2 | 44.3 | | 32.5 | 26.7 | | 24.9 | 19.5 | | 18.9 | 13.8 | 235 |
| 240 | | | | | 54.4 | | | | 51.8 | | | 43.5 | | 32.2 | 25.8 | | 24.3 | 18.6 | | 18.4 | 13.1 | 240 |
| 245 | | | | | | | | | 50.3 | | | 42.9 | | 25 | | | 24 | 17.9 | | 18 | 12.4 | 245 |
| 250 | | | | | | | | | 48.9 | | | 42.6 | | | 24.3 | | | 17.2 | | 17.6 | 11.8 | 250 |
| 255 | | | | | | | | | | | | 42.5 | | | 23.6 | | | 16.5 | | | 11.2 | 255 |
| 260 | | | | | | | | | | | | | | | 23.1 | | | 16 | | | 10.6 | 260 |
| 265 | | | | | | | | | | | | | | | 22.7 | | | 15.4 | | | 10.1 | 265 |
| 270 | | | | | | | | | | | | | | | | | | 14.9 | | | 9.6 | 270 |
| 275 | | | | | | | | | | | | | | | | | | | | | 9.3 | 275 |
| 280 | | | | | | | | | | | | | | | | | | | | | 8.9 | 280 |

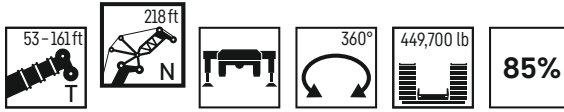
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 218 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|-----|------|----------------------|------|------|------|------|-----|
| | N 218 ft | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 85 | 86 | | | 82.4 | | | 74.4 | | | | | | | | | | | | | | | 85 | | |
| 90 | 85.7 | | | 82.1 | | | 74.2 | | | 63.7 | | | | | | | | | | | | 90 | | |
| 95 | 85.1 | | | 81.8 | | | 74 | | | 63.7 | | | 54 | | | | | 42.1 | | | | 95 | | |
| 100 | 84.4 | | | 81.6 | | | 73.9 | | | 63.7 | | | 54 | | | | | 41.9 | | | 31.2 | 100 | | |
| 105 | 83.6 | | | 81.2 | | | 73.8 | | | 63.6 | | | 53.9 | | | | | 41.7 | | | 31 | 105 | | |
| 110 | 83 | | | 80.6 | | | 73.7 | | | 63.6 | | | 53.7 | | | | | 41.5 | | | 30.9 | 110 | | |
| 115 | 82.3 | | | 80 | | | 73.5 | | | 63.6 | | | 53.5 | | | | | 41.4 | | | 30.8 | 115 | | |
| 120 | 81.6 | 79.3 | | 79.5 | | | 73.3 | | | 63.4 | | | 53.3 | | | | | 41.2 | | | 30.7 | 120 | | |
| 125 | 81 | 78.6 | | 78.9 | 76.1 | | 72.9 | | | 63 | | | 52.8 | | | | | 41 | | | 30.6 | 125 | | |
| 130 | 80.2 | 77.9 | | 78.4 | 75.8 | | 72.6 | 68.9 | | 62.3 | | | 52.3 | | | | | 40.9 | | | 30.5 | 130 | | |
| 135 | 79.4 | 77.2 | | 78 | 75.3 | | 72.3 | 68.9 | | 61.4 | 59.4 | | 51.6 | | | | | 40.8 | | | 30.4 | 135 | | |
| 140 | 78.6 | 76.7 | | 77.6 | 74.8 | | 71.9 | 68.9 | | 60.4 | 59.2 | | 50.9 | | | | | 40.5 | | | 30.3 | 140 | | |
| 145 | 77.7 | 76.1 | | 77.2 | 74.3 | | 71.5 | 68.9 | | 59.2 | 58.1 | | 49.9 | 48.2 | | | | 40.3 | | | 30.2 | 145 | | |
| 150 | 76.9 | 75.6 | | 76.5 | 73.9 | | 71.1 | 68.7 | | 58.9 | 56.6 | | 48.9 | 47.2 | | | | 39.7 | 37.2 | | 30.1 | 150 | | |
| 155 | 76 | 75.1 | | 75.9 | 73.5 | | 70.6 | 68.4 | | 58.5 | 56.3 | | 48 | 46.1 | | | | 39.1 | 36.8 | | 29.8 | 27.2 | 155 | |
| 160 | 75.4 | 74.3 | | 75.3 | 73.1 | | 70.1 | 68.1 | | 58 | 56.2 | | 47.1 | 45 | | | | 38.5 | 35.9 | | 29.6 | 27.2 | 160 | |
| 165 | 74.8 | 73.2 | 71.2 | 74.7 | 72.9 | | 69.7 | 67.9 | | 57.5 | 56 | | 46.2 | 43.8 | | | | 37.8 | 35 | | 29.3 | 26.8 | 165 | |
| 170 | 73.2 | 72 | 70.6 | 73.9 | 72.6 | 68.8 | 69.3 | 67.8 | | 57 | 55.5 | | 45.3 | 42.7 | | | | 37 | 34.1 | | 28.9 | 26.3 | 170 | |
| 175 | 71.1 | 70.7 | 69.7 | 71.8 | 72.4 | 68.4 | 68.9 | 67.7 | | 56.5 | 54.8 | | 44.5 | 41.6 | | | | 36.3 | 33.2 | | 28.6 | 25.6 | 175 | |
| 180 | 68.8 | 69.4 | 68.7 | 69.6 | 72 | 68 | 68.5 | 67.6 | 63.3 | 56.1 | 54.2 | | 43.6 | 40.5 | | | | 35.6 | 32.3 | | 28.1 | 24.9 | 180 | |
| 185 | 66.6 | 68.3 | 67.5 | 67.4 | 71.4 | 67.8 | 67.8 | 67.5 | 63.3 | 55.7 | 53.6 | | 42.8 | 39.4 | | | | 34.9 | 31.4 | | 27.6 | 24.3 | 185 | |
| 190 | 64.3 | 67.1 | 65.8 | 65.2 | 69.8 | 67.6 | 66 | 67.5 | 63.1 | 55.3 | 52.9 | 50.4 | 42 | 38.3 | | | | 34.2 | 30.5 | | 27.1 | 23.7 | 190 | |
| 195 | 62.1 | 65.7 | 64.3 | 63 | 68 | 67.4 | 64.1 | 67.3 | 63 | 54.9 | 52.3 | 50.4 | 41.3 | 37.3 | | | | 33.6 | 29.6 | | 26.6 | 23 | 195 | |
| 200 | 59.8 | 63.9 | 62.8 | 60.7 | 65.9 | 66.4 | 61.9 | 67 | 62.7 | 54.7 | 51.7 | 50.1 | 40.6 | 36.3 | 34.6 | | | 33 | 28.8 | | 26.1 | 22.4 | 200 | |
| 205 | 56.3 | 61.6 | 61.5 | 58.6 | 63.6 | 64.6 | 59.7 | 65.4 | 61 | 54.5 | 51.1 | 49.3 | 40 | 35.3 | 33.1 | | | 32.4 | 27.9 | | 25.6 | 21.8 | 205 | |
| 210 | 52.6 | 59.4 | 60.4 | 56.6 | 61.4 | 62.8 | 57.6 | 63.6 | 59.3 | 54.4 | 50.3 | 48.5 | 39.5 | 34.4 | 31.6 | | | 31.8 | 27.1 | 24.2 | 25.1 | 21.1 | 210 | |
| 215 | 48.6 | 57.4 | 59.5 | 53.9 | 59.3 | 61.1 | 55.6 | 61.4 | 57.8 | 54.1 | 49.5 | 47.6 | 39 | 33.6 | 30.4 | | | 31.3 | 26.4 | 23 | 24.8 | 20.5 | 215 | |
| 220 | 44.1 | 55.5 | 58.8 | 49.7 | 57.2 | 59.5 | 53.5 | 59.3 | 56.2 | 52.4 | 48.9 | 46.5 | 38.6 | 32.8 | 29.2 | | | 30.9 | 25.7 | 21.9 | 24.3 | 19.9 | 16 | 220 |
| 225 | 39 | 53.6 | 57.4 | 44.5 | 55.3 | 58 | 49.1 | 57.2 | 54.7 | 49.4 | 48.3 | 45.2 | 38.3 | 32.1 | 28.1 | | | 30.5 | 25 | 20.9 | 24 | 19.2 | 15.1 | 225 |
| 230 | | 49.8 | 55.7 | | 53.4 | 56.5 | 43.1 | 55.3 | 53.3 | 46.4 | 47.9 | 44.1 | 38.2 | 31.4 | 27.1 | | | 30.3 | 24.3 | 19.9 | 23.7 | 18.6 | 14.3 | 230 |
| 235 | | 43.5 | 53.8 | | 51.7 | 55.1 | | 53.4 | 52 | | 47.7 | 43 | 38.2 | 30.8 | 26.1 | | | 30.2 | 23.6 | 19 | 23.4 | 18 | 13.5 | 235 |
| 240 | | | 52.1 | | 53.7 | 51.7 | | 51.7 | 50.7 | | 47.7 | 42.1 | | 30.2 | 25.2 | | | 23 | 18.1 | | | 17.5 | 12.8 | 240 |
| 245 | | | 50.5 | | 52.4 | | | 48.2 | 49.5 | | 47.7 | 41.2 | | 29.7 | 24.3 | | | 22.5 | 17.3 | | | 17 | 12.1 | 245 |
| 250 | | | | | 50.9 | | | | 48.3 | | 46.9 | 40.5 | | 29.5 | 23.4 | | | 22.1 | 16.6 | | | 16.5 | 11.5 | 250 |
| 255 | | | | | | | | | 47 | | | 39.9 | | | 22.7 | | | 21.7 | 15.9 | | | 16.1 | 10.9 | 255 |
| 260 | | | | | | | | | 45.7 | | | 39.6 | | | 22 | | | | 15.2 | | | 15.8 | 10.3 | 260 |
| 265 | | | | | | | | | | | | 39.5 | | | 21.4 | | | | 14.6 | | | | 9.7 | 265 |
| 270 | | | | | | | | | | | | | | | 20.9 | | | | 14.1 | | | | 9.3 | 270 |
| 275 | | | | | | | | | | | | | | | 20.6 | | | | 13.6 | | | | 8.9 | 275 |
| 280 | | | | | | | | | | | | | | | | | | | 13.1 | | | | 8.6 | 280 |
| 285 | | | | | | | | | | | | | | | | | | | | | | | 8.2 | 285 |
| 290 | | | | | | | | | | | | | | | | | | | | | | | 7.9 | 290 |

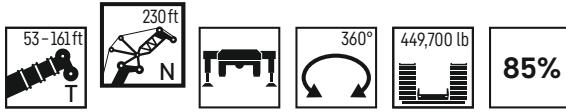
* adapter - pièce d'adaptateur

†198_206_01301_00_000

Lifting capacities

Forces de levage

TN 230 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 85 | 77.9 | | | | | | | | | | | | | | | | | | | | | 85 |
| 90 | 77.5 | | | 74.4 | | | 67.2 | | | | | | | | | | | | | | | 90 |
| 95 | 77.2 | | | 74 | | | 67 | | | 57.9 | | | 48.9 | | | | | | | | | 95 |
| 100 | 76.8 | | | 73.8 | | | 66.8 | | | 57.9 | | | 48.9 | | | 38 | | | | | | 100 |
| 105 | 76.3 | | | 73.5 | | | 66.7 | | | 57.8 | | | 48.9 | | | 37.8 | | | 27.9 | | | 105 |
| 110 | 75.6 | | | 73.3 | | | 66.5 | | | 57.7 | | | 48.9 | | | 37.6 | | | 27.8 | | | 110 |
| 115 | 75 | | | 72.9 | | | 66.4 | | | 57.7 | | | 48.8 | | | 37.5 | | | 27.7 | | | 115 |
| 120 | 74.4 | | | 72.4 | | | 66.3 | | | 57.7 | | | 48.6 | | | 37.3 | | | 27.6 | | | 120 |
| 125 | 73.8 | 71.6 | | 71.8 | | | 66.2 | | | 57.6 | | | 48.3 | | | 37.2 | | | 27.5 | | | 125 |
| 130 | 73.3 | 71.1 | | 71.4 | 68.4 | | 66 | | | 57.5 | | | 48 | | | 37 | | | 27.4 | | | 130 |
| 135 | 72.8 | 70.5 | | 71 | 68.3 | | 65.7 | 62 | | 57 | | | 47.7 | | | 36.9 | | | 27.3 | | | 135 |
| 140 | 72.1 | 69.9 | | 70.6 | 68.1 | | 65.4 | 62 | | 56.4 | 53.8 | | 47.2 | | | 36.8 | | | 27.2 | | | 140 |
| 145 | 71.5 | 69.4 | | 70.2 | 67.7 | | 65.1 | 62 | | 55.6 | 53.7 | | 46.5 | | | 36.6 | | | 27.1 | | | 145 |
| 150 | 70.8 | 68.9 | | 69.8 | 67.2 | | 64.7 | 62 | | 54.6 | 53.5 | | 45.7 | 44.1 | | 36.5 | | | 27 | | | 150 |
| 155 | 70 | 68.4 | | 69.3 | 66.8 | | 64.4 | 62 | | 53.6 | 52.4 | | 44.9 | 43.2 | | 36.1 | 33.5 | | 26.9 | | | 155 |
| 160 | 69.3 | 68 | | 68.8 | 66.5 | | 64 | 61.9 | | 53.2 | 51.1 | | 44.2 | 42.3 | | 35.6 | 33.3 | | 26.8 | 24.1 | | 160 |
| 165 | 68.6 | 67.7 | | 68.3 | 66.2 | | 63.5 | 61.6 | | 52.9 | 50.9 | | 43.4 | 41.3 | | 35.1 | 32.7 | | 26.6 | 24.1 | | 165 |
| 170 | 68.1 | 67.1 | 64.5 | 67.7 | 65.9 | | 63.1 | 61.4 | | 52.5 | 50.8 | | 42.5 | 40.3 | | 34.5 | 32 | | 26.4 | 24.1 | | 170 |
| 175 | 67.4 | 66.6 | 64 | 67.2 | 65.6 | | 62.7 | 61.3 | | 52.1 | 50.6 | | 41.7 | 39.3 | | 33.9 | 31.1 | | 26.1 | 23.6 | | 175 |
| 180 | 66.1 | 65.7 | 63.6 | 66.2 | 65.4 | 61.9 | 62.3 | 61.1 | | 51.7 | 50.1 | | 40.9 | 38.4 | | 33.2 | 30.3 | | 25.8 | 23.1 | | 180 |
| 185 | 64.6 | 64.7 | 63.1 | 65 | 65.3 | 61.6 | 61.9 | 61 | 56.8 | 51.3 | 49.7 | | 40.2 | 37.4 | | 32.6 | 29.5 | | 25.4 | 22.5 | | 185 |
| 190 | 62.8 | 63.8 | 62.3 | 63.6 | 65.2 | 61.3 | 61.5 | 60.9 | 56.8 | 50.9 | 49.1 | | 39.5 | 36.4 | | 32 | 28.7 | | 25 | 21.9 | | 190 |
| 195 | 60.8 | 62.8 | 61.5 | 61.6 | 64.6 | 61.1 | 60.9 | 60.8 | 56.8 | 50.6 | 48.6 | 45.4 | 38.8 | 35.5 | | 31.3 | 27.9 | | 24.6 | 21.4 | | 195 |
| 200 | 58.8 | 61.6 | 60.5 | 59.5 | 63.5 | 60.9 | 59.8 | 60.6 | 56.8 | 50.3 | 48.1 | 45.4 | 38.1 | 34.6 | | 30.8 | 27.1 | | 24.2 | 20.8 | | 200 |
| 205 | 56.8 | 60.1 | 59.1 | 57.6 | 62.1 | 60.8 | 58.5 | 60.4 | 56.7 | 50 | 47.5 | 45.4 | 37.4 | 33.6 | 32.2 | 30.2 | 26.3 | | 23.7 | 20.2 | | 205 |
| 210 | 54.7 | 58.4 | 57.9 | 55.7 | 60.1 | 60.8 | 56.6 | 60 | 56.7 | 49.8 | 47 | 45.3 | 36.8 | 32.7 | 30.8 | 29.6 | 25.6 | | 23.2 | 19.6 | | 210 |
| 215 | 51.7 | 56.4 | 56.8 | 53.7 | 58.1 | 59.5 | 54.7 | 59.3 | 56.1 | 49.7 | 46.5 | 44.7 | 36.3 | 31.9 | 29.5 | 29.1 | 24.8 | 22.2 | 22.8 | 19.1 | | 215 |
| 220 | 48.5 | 54.5 | 55.8 | 51.9 | 56.2 | 57.9 | 52.8 | 58.2 | 54.6 | 49.6 | 46 | 44 | 35.8 | 31.1 | 28.2 | 28.6 | 24.1 | 21 | 22.4 | 18.5 | | 220 |
| 225 | 45 | 52.6 | 55 | 49.7 | 54.3 | 56.4 | 51 | 56.2 | 53.2 | 49.5 | 45.5 | 43.3 | 35.4 | 30.3 | 27.1 | 28.2 | 23.4 | 20 | 22 | 17.9 | 14.4 | 225 |
| 230 | 41.2 | 50.8 | 54.4 | 46.3 | 52.4 | 55 | 49.2 | 54.3 | 51.8 | 48 | 44.9 | 42.4 | 35.1 | 29.6 | 26 | 27.8 | 22.7 | 19 | 21.6 | 17.4 | 13.5 | 230 |
| 235 | 36.6 | 49.2 | 52.8 | 41.9 | 50.7 | 53.6 | 45.8 | 52.4 | 50.5 | 45.5 | 44.4 | 41.4 | 34.8 | 29 | 25.1 | 27.4 | 22.1 | 18.1 | 21.3 | 16.8 | 12.7 | 235 |
| 240 | | 46.4 | 51.1 | | 49 | 52.2 | 41.1 | 50.7 | 49.2 | 42.6 | 44.1 | 40.4 | 34.8 | 28.4 | 24.1 | 27.2 | 21.6 | 17.3 | 21 | 16.3 | 12 | 240 |
| 245 | | 41.6 | 49.4 | | 47.4 | 51 | | 49 | 48 | 39.5 | 43.9 | 39.5 | 34.8 | 27.8 | 23.3 | 27.1 | 21 | 16.4 | 20.8 | 15.7 | 11.3 | 245 |
| 250 | | | 47.8 | | 44.4 | 49.7 | | 47.5 | 46.8 | | 43.9 | 38.6 | | 27.3 | 22.4 | | 20.4 | 15.6 | 20.7 | 15.2 | 10.6 | 250 |
| 255 | | | 46.4 | | | 48.5 | | 45.6 | 45.7 | | 43.9 | 38 | | 26.9 | 21.6 | | 19.9 | 14.9 | | 14.7 | 10 | 255 |
| 260 | | | | | | 47.1 | | | 44.6 | | 43.6 | 37.3 | | 26.7 | 20.9 | | 19.5 | 14.2 | | 14.3 | 9.4 | 260 |
| 265 | | | | | | 45.6 | | | 43.5 | | | 36.8 | | 26.6 | 20.2 | | 19.2 | 13.6 | | 13.9 | 9 | 265 |
| 270 | | | | | | | | | 42.4 | | | 36.4 | | | 19.6 | | 19 | 13 | | 13.6 | 8.5 | 270 |
| 275 | | | | | | | | | | | | 36.3 | | | 19 | | | 12.4 | | | 8.1 | 275 |
| 280 | | | | | | | | | | | | 36.3 | | | 18.5 | | | 11.9 | | | 7.8 | 280 |
| 285 | | | | | | | | | | | | | | | 18.2 | | | 11.5 | | | 7.4 | 285 |
| 290 | | | | | | | | | | | | | | | | | | 11 | | | 7.1 | 290 |
| 295 | | | | | | | | | | | | | | | | | | 10.7 | | | 6.7 | 295 |
| 300 | | | | | | | | | | | | | | | | | | | | | 6.4 | 300 |

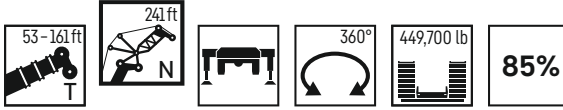
* adapter - pièce d'adaptateur

T_198_206_01401_00_000

Lifting capacities

Forces de levage

TN 241 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|------|-----|
| | N 241 ft | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 90 | 69.3 | | | 66.6 | | | | | | | | | | | | | | | | | | 90 | |
| 95 | 68.9 | | | 66.2 | | | 60.3 | | | 52.2 | | | | | | | | | | | | 95 | |
| 100 | 68.5 | | | 65.9 | | | 60.1 | | | 52.1 | | | 44.1 | | | | | | | | | 100 | |
| 105 | 68.1 | | | 65.6 | | | 59.9 | | | 52 | | | 44.1 | | | 34.2 | | | | 24.8 | | 105 | |
| 110 | 67.5 | | | 65.3 | | | 59.7 | | | 51.9 | | | 44.1 | | | 34 | | | | 24.8 | | 110 | |
| 115 | 67 | | | 64.9 | | | 59.6 | | | 51.8 | | | 44 | | | 33.9 | | | | 24.8 | | 115 | |
| 120 | 66.5 | | | 64.4 | | | 59.4 | | | 51.7 | | | 43.9 | | | 33.7 | | | | 24.8 | | 120 | |
| 125 | 66 | | | 64 | | | 59.2 | | | 51.6 | | | 43.8 | | | 33.6 | | | | 24.7 | | 125 | |
| 130 | 65.5 | 63.6 | | 63.6 | | | 58.9 | | | 51.6 | | | 43.6 | | | 33.4 | | | | 24.6 | | 130 | |
| 135 | 65 | 63.3 | | 63.2 | 60.7 | | 58.6 | | | 51.6 | | | 43.4 | | | 33.3 | | | | 24.5 | | 135 | |
| 140 | 64.5 | 63 | | 62.7 | 60.6 | | 58.2 | 55.5 | | 51.4 | | | 43.2 | | | 33.2 | | | | 24.4 | | 140 | |
| 145 | 63.9 | 62.5 | | 62.2 | 60.5 | | 57.8 | 55.4 | | 51 | 48.2 | | 42.8 | | | 33.1 | | | | 24.3 | | 145 | |
| 150 | 63.3 | 62 | | 61.7 | 60.4 | | 57.4 | 55.4 | | 50.6 | 48.2 | | 42.4 | | | 33 | | | | 24.3 | | 150 | |
| 155 | 62.8 | 61.5 | | 61.2 | 60 | | 57 | 55.3 | | 49.9 | 48.1 | | 41.8 | 40.1 | | 32.8 | | | | 24.2 | | 155 | |
| 160 | 62.3 | 61.1 | | 60.7 | 59.7 | | 56.6 | 55.3 | | 49.1 | 48 | | 41.1 | 39.6 | | 32.6 | 30 | | | 24.1 | | 160 | |
| 165 | 61.8 | 60.7 | | 60.3 | 59.3 | | 56.3 | 55.3 | | 48.4 | 47.1 | | 40.4 | 38.8 | | 32.3 | 30 | | | 24 | 21.4 | 165 | |
| 170 | 61.3 | 60.4 | | 59.8 | 59 | | 55.9 | 55.2 | | 47.7 | 46.1 | | 39.8 | 38.1 | | 31.9 | 29.9 | | | 23.9 | 21.4 | 170 | |
| 175 | 60.9 | 60.1 | | 59.4 | 58.8 | | 55.6 | 55 | | 47.4 | 45.6 | | 39.1 | 37.1 | | 31.5 | 29.2 | | | 23.8 | 21.4 | 175 | |
| 180 | 60.5 | 59.8 | 57.3 | 59.1 | 58.5 | | 55.3 | 54.8 | | 47.2 | 45.5 | | 38.4 | 36.3 | | 30.9 | 28.5 | | | 23.6 | 21.3 | 180 | |
| 185 | 60.1 | 59.5 | 56.9 | 58.7 | 58.3 | 55.2 | 55 | 54.6 | | 46.9 | 45.4 | | 37.7 | 35.4 | | 30.4 | 27.8 | | | 23.3 | 21 | 185 | |
| 190 | 59.7 | 59.1 | 56.5 | 58.4 | 58 | 55 | 54.7 | 54.3 | | 46.6 | 45.2 | | 37 | 34.5 | | 29.9 | 27.1 | | | 23 | 20.5 | 190 | |
| 195 | 59.1 | 58.7 | 56.2 | 58.1 | 57.8 | 54.8 | 54.5 | 54.1 | 50.6 | 46.3 | 44.7 | | 36.4 | 33.7 | | 29.3 | 26.4 | | | 22.7 | 20 | 195 | |
| 200 | 57.6 | 58.2 | 55.9 | 57.4 | 57.5 | 54.5 | 54.2 | 53.9 | 50.6 | 46 | 44.3 | | 35.8 | 32.9 | | 28.8 | 25.7 | | | 22.3 | 19.4 | 200 | |
| 205 | 55.7 | 57.7 | 55.6 | 56 | 57.3 | 54.4 | 54.1 | 53.7 | 50.6 | 45.7 | 43.9 | 40.7 | 35.2 | 32 | | 28.2 | 24.9 | | | 22 | 18.9 | 205 | |
| 210 | 53.9 | 56.6 | 55.1 | 54.6 | 57.1 | 54.2 | 54 | 53.6 | 50.6 | 45.5 | 43.5 | 40.7 | 34.6 | 31.2 | | 27.7 | 24.2 | | | 21.6 | 18.4 | 210 | |
| 215 | 52.1 | 55.2 | 54.4 | 52.8 | 56.1 | 54.1 | 53.7 | 53.4 | 50.6 | 45.3 | 43.1 | 40.7 | 34 | 30.4 | 28.9 | 27.2 | 23.5 | | | 21.2 | 17.9 | 215 | |
| 220 | 50.1 | 53.6 | 53.5 | 51.1 | 54.9 | 54.1 | 53.1 | 53.3 | 50.6 | 45.1 | 42.7 | 40.7 | 33.5 | 29.7 | 27.7 | 26.8 | 22.9 | | | 20.8 | 17.4 | 220 | |
| 225 | 47.5 | 51.8 | 52.5 | 49.5 | 53.3 | 54.1 | 51.4 | 53.3 | 50.6 | 45.1 | 42.3 | 40.4 | 33 | 28.9 | 26.5 | 26.3 | 22.2 | 19.5 | | 20.4 | 16.9 | 225 | |
| 230 | 44.7 | 50.1 | 51.6 | 47.8 | 51.6 | 53.8 | 49.6 | 53 | 50.6 | 45.1 | 42 | 39.9 | 32.6 | 28.2 | 25.5 | 25.9 | 21.6 | 18.5 | | 20 | 16.3 | 230 | |
| 235 | 41.7 | 48.5 | 50.9 | 45.9 | 49.9 | 52.4 | 47.8 | 52.3 | 49.7 | 45.1 | 41.6 | 39.3 | 32.3 | 27.6 | 24.4 | 25.5 | 21 | 17.5 | | 19.7 | 15.8 | 12.3 | 235 |
| 240 | 38.5 | 46.9 | 50.3 | 43 | 48.3 | 51.1 | 45.3 | 51 | 48.5 | 43.8 | 41.3 | 38.7 | 32 | 26.9 | 23.5 | 25.2 | 20.4 | 16.7 | | 19.4 | 15.3 | 11.5 | 240 |
| 245 | 34.6 | 45.4 | 48.7 | 39.3 | 46.7 | 49.8 | 42.2 | 49.3 | 47.3 | 41.8 | 41 | 38.1 | 31.8 | 26.3 | 22.6 | 24.9 | 19.9 | 15.9 | | 19.1 | 14.8 | 10.8 | 245 |
| 250 | | 43.3 | 47.1 | 34.7 | 45.2 | 48.6 | 38.4 | 47.7 | 46.1 | 39.3 | 40.7 | 37.3 | 31.7 | 25.8 | 21.8 | 24.6 | 19.3 | 15.1 | | 18.8 | 14.3 | 10.1 | 250 |
| 255 | | 39.4 | 45.6 | | 43.8 | 47.4 | | 46.1 | 45 | 37.3 | 40.6 | 36.5 | 31.7 | 25.3 | 21 | 24.5 | 18.8 | 14.4 | | 18.6 | 13.8 | 9.6 | 255 |
| 260 | | | 44.1 | | 41.8 | 46.2 | | 44.6 | 43.9 | | 40.5 | 35.7 | | 24.9 | 20.2 | 24.5 | 18.3 | 13.7 | | 18.5 | 13.4 | 9.1 | 260 |
| 265 | | | 42.8 | | | 44.8 | | 42.8 | 42.8 | | 40.5 | 35.1 | | 24.5 | 19.5 | | 17.9 | 13.1 | | 13 | 8.6 | 265 | |
| 270 | | | | | | 43.4 | | | 41.8 | | 40.5 | 34.5 | | 24.3 | 18.8 | | 17.5 | 12.4 | | | 12.5 | 8.2 | 270 |
| 275 | | | | | | 42.1 | | | 40.8 | | | 34.1 | | 24.2 | 18.2 | | 17.2 | 11.8 | | | 12.2 | 7.7 | 275 |
| 280 | | | | | | | | 39.9 | | | | 33.8 | | | | | 17 | 11.2 | | | 11.8 | 7.3 | 280 |
| 285 | | | | | | | | 38.8 | | | | 33.6 | | | | | 17.1 | 10.7 | | | 11.6 | 6.9 | 285 |
| 290 | | | | | | | | | | | | 33.6 | | | | | 16.7 | 10.3 | | | | 6.5 | 290 |
| 295 | | | | | | | | | | | | | | | | | 16.3 | 9.9 | | | | 6.1 | 295 |
| 300 | | | | | | | | | | | | | | | | | | 9.5 | | | | 5.8 | 300 |
| 305 | | | | | | | | | | | | | | | | | | 9.3 | | | | 5.5 | 305 |
| 310 | | | | | | | | | | | | | | | | | | | | | | 5.2 | 310 |

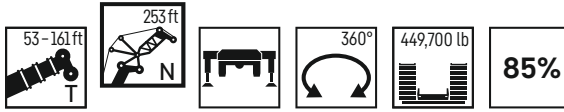
* adapter - pièce d'adaptateur

t_198_206_01501_00_000

Lifting capacities

Forces de levage

TN 253 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | | | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|-----|-----|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|-----|-----|-----|------|------|------|------|------|------|-----|-----|
| | N 253 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | | | | |
| 95 | 62.6 | | | 60.2 | | | | | | | | | | | | | | | | | | | | | 95 | | | | | |
| 100 | 62.2 | | | 59.9 | | | | | | 54.5 | | | 47.2 | | | | | | | | | | | | 100 | | | | | |
| 105 | 61.8 | | | 59.6 | | | | | | 54.3 | | | 47.1 | | | 39.8 | | | | | | | | | 105 | | | | | |
| 110 | 61.5 | | | 59.4 | | | | | | 54.1 | | | 47 | | | 39.8 | | | | | | | 21.5 | | 110 | | | | | |
| 115 | 61.2 | | | 59.1 | | | | | | 53.9 | | | 46.9 | | | 39.7 | | | | | | | 21.5 | | 115 | | | | | |
| 120 | 60.8 | | | 58.8 | | | | | | 53.8 | | | 46.8 | | | 39.7 | | | | | | | 21.5 | | 120 | | | | | |
| 125 | 60.3 | | | 58.5 | | | | | | 53.6 | | | 46.7 | | | 39.7 | | | | | | | 21.5 | | 125 | | | | | |
| 130 | 59.9 | | | 58.1 | | | | | | 53.5 | | | 46.6 | | | 39.6 | | | | | | | 21.5 | | 130 | | | | | |
| 135 | 59.4 | 57.2 | | 57.7 | | | | | | 53.4 | | | 46.6 | | | 39.4 | | | | | | | 21.5 | | 135 | | | | | |
| 140 | 59 | 57 | | 57.3 | 54.9 | | | | | 53.2 | | | 46.5 | | | 39.3 | | | | | | | 21.5 | | 140 | | | | | |
| 145 | 58.5 | 56.8 | | 56.9 | 54.7 | | | | | 52.9 | 50 | | 46.4 | | | 39.1 | | | | | | | 21.5 | | 145 | | | | | |
| 150 | 58.1 | 56.5 | | 56.5 | 54.6 | | | | | 52.7 | 49.9 | | 46.3 | 43.4 | | 38.8 | | | | | | | 21.5 | | 150 | | | | | |
| 155 | 57.6 | 56 | | 56 | 54.5 | | | | | 52.3 | 49.9 | | 46.1 | 43.4 | | 38.5 | | | | | | | 21.5 | | 155 | | | | | |
| 160 | 57.1 | 55.7 | | 55.6 | 54.3 | | | | | 52 | 49.8 | | 45.5 | 43.4 | | 38.1 | 36.1 | | | | | | 21.4 | | 160 | | | | | |
| 165 | 56.7 | 55.3 | | 55.2 | 54.1 | | | | | 51.7 | 49.8 | | 44.9 | 43.3 | | 37.5 | 35.9 | | | | | | 21.4 | 26.7 | 165 | | | | | |
| 170 | 56.3 | 54.9 | | 54.7 | 53.7 | | | | | 51.3 | 49.8 | | 44.4 | 43.1 | | 36.9 | 35.4 | | | | | | 21.3 | 18.5 | 170 | | | | | |
| 175 | 55.9 | 54.5 | | 54.3 | 53.4 | | | | | 51 | 49.8 | | 43.7 | 42.3 | | 36.3 | 34.6 | | | | | | 21.2 | 18.5 | 175 | | | | | |
| 180 | 55.5 | 54.3 | | 53.9 | 53.2 | | | | | 50.7 | 49.7 | | 43 | 41.4 | | 35.7 | 33.9 | | | | | | 21.1 | 18.5 | 180 | | | | | |
| 185 | 55.1 | 54 | 51.8 | 53.6 | 52.9 | | | | | 50.4 | 49.6 | | 42.8 | 41.1 | | 35.1 | 33.1 | | | | | | 21 | 18.5 | 185 | | | | | |
| 190 | 54.7 | 53.8 | 51.4 | 53.2 | 52.7 | | | | | 50.1 | 49.4 | | 42.6 | 41 | | 34.5 | 32.4 | | | | | | 20.7 | 18.5 | 190 | | | | | |
| 195 | 54.4 | 53.6 | 51.1 | 52.9 | 52.6 | 49.7 | | | | 49.9 | 49.3 | | 42.3 | 40.9 | | 33.9 | 31.6 | | | | | | 20.5 | 18.2 | 195 | | | | | |
| 200 | 54.1 | 53.4 | 50.8 | 52.6 | 52.3 | 49.6 | | | | 49.6 | 49.2 | 45.4 | 42 | 40.7 | | 33.3 | 30.9 | | | | | | 20.3 | 17.7 | 200 | | | | | |
| 205 | 53.5 | 53.1 | 50.6 | 52.4 | 52.1 | 49.3 | | | | 49.4 | 49.1 | 45.4 | 41.8 | 40.3 | | 32.7 | 30.1 | | | | | | 20 | 17.3 | 205 | | | | | |
| 210 | 52.2 | 52.8 | 50.3 | 52 | 51.8 | 49.1 | | | | 49.2 | 48.9 | 45.4 | 41.6 | 40 | 36.5 | 32.2 | 29.4 | | | | | | 19.6 | 16.8 | 210 | | | | | |
| 215 | 50.7 | 52.4 | 50.2 | 51.6 | 51.7 | 48.9 | | | | 49.1 | 48.7 | 45.4 | 41.4 | 39.6 | 36.5 | 31.6 | 28.6 | | | | | | 19.3 | 16.3 | 215 | | | | | |
| 220 | 49.2 | 51.5 | 50 | 50.9 | 51.5 | 48.8 | | | | 49 | 48.6 | 45.4 | 41.2 | 39.3 | 36.5 | 31.1 | 27.9 | 26.6 | | | | | 18.9 | 15.8 | 220 | | | | | |
| 225 | 47.5 | 50.3 | 49.6 | 49.2 | 51.3 | 48.8 | | | | 48.8 | 48.5 | 45.4 | 41 | 39 | 36.5 | 30.7 | 27.2 | 25.5 | | | | | 18.6 | 15.4 | 225 | | | | | |
| 230 | 45.7 | 48.8 | 49 | 47.7 | 51 | 48.8 | | | | 48.5 | 48.4 | 45.4 | 40.9 | 38.6 | 36.5 | 30.2 | 26.5 | 24.4 | | | | | 24 | 20.4 | 17.9 | 230 | | | | |
| 235 | 43.5 | 47.3 | 48.2 | 46.2 | 49.7 | 48.8 | | | | 47 | 48.4 | 45.4 | 40.9 | 38.4 | 36.4 | 29.8 | 25.8 | 23.4 | | | | | 23.6 | 19.8 | 16.9 | 235 | | | | |
| 240 | 41.1 | 45.9 | 47.5 | 44.5 | 48.2 | 48.8 | | | | 45.5 | 48.2 | 45.4 | 40.9 | 38.1 | 36 | 29.4 | 25.2 | 22.4 | | | | | 23.2 | 19.2 | 16.1 | 17.5 | 14 | 10.7 | 240 | |
| 245 | 38.5 | 44.4 | 46.8 | 42.1 | 46.7 | 48.6 | | | | 43.8 | 47.8 | 45.4 | 40.9 | 37.8 | 35.6 | 29.1 | 24.6 | 21.5 | | | | | 22.9 | 18.6 | 15.3 | 17.2 | 13.5 | 10 | 245 | |
| 250 | 35.6 | 43 | 45.9 | 39.5 | 45.2 | 47.5 | | | | 41.7 | 46.7 | 44.6 | 39.9 | 37.6 | 35.1 | 28.9 | 24 | 20.6 | | | | | 22.6 | 18.1 | 14.5 | 17 | 13.1 | 9.4 | 250 | |
| 255 | 32.3 | 41.6 | 44.5 | 36.4 | 43.7 | 46.4 | | | | 39.1 | 45.2 | 43.5 | 38.2 | 37.4 | 34.5 | 28.7 | 23.5 | 19.8 | | | | | 22.3 | 17.7 | 13.8 | 16.7 | 12.6 | 8.8 | 255 | |
| 260 | 28 | 40 | 43.1 | 32.5 | 42.3 | 45.3 | | | | 35.9 | 43.7 | 42.5 | 36.1 | 37.3 | 33.9 | 28.7 | 23.1 | 19.1 | | | | | 22.1 | 17.2 | 13.1 | 16.4 | 12.2 | 8.2 | 260 | |
| 265 | | 36.9 | 41.7 | | 40.9 | 44.2 | | | | 31.9 | 42.3 | 41.4 | 34.8 | 37.2 | 33.3 | 28.7 | 22.6 | 18.4 | | | | | 22 | 16.7 | 12.5 | 16.3 | 11.7 | 7.7 | 265 | |
| 270 | | | 40.4 | | 38.9 | 43.1 | | | | 40.9 | 40.4 | | | 37.2 | 32.6 | 28.7 | 22.3 | 17.8 | | | | | 22 | 16.3 | 11.8 | 16.1 | 11.3 | 7.2 | 270 | |
| 275 | | | 39.2 | | 34 | 41.9 | | | | 39.6 | 39.5 | | | 37.2 | 32 | | 22 | 17.1 | | | | | | 15.9 | 11.2 | | 10.9 | 6.7 | 275 | |
| 280 | | | 37.6 | | | 40.6 | | | | | 38.5 | | | 37.2 | 31.5 | | 21.7 | 16.5 | | | | | | 15.5 | 10.6 | | 10.5 | 6.2 | 280 | |
| 285 | | | | | | 39.3 | | | | | | 37.6 | | | | 31.1 | | 21.6 | | | | | | 15.2 | 10.1 | | 10.2 | 5.8 | 285 | |
| 290 | | | | | | | | | | | | 36.8 | | | | 30.8 | | | | | | | | 15.4 | 10 | | 9.9 | 5.4 | 290 | |
| 295 | | | | | | | | | | | | 35.9 | | | | 30.7 | | | | | | | | | 14.9 | | | 9.6 | 5 | 295 |
| 300 | | | | | | | | | | | | | | | | 30.7 | | | | | | | | | 14.5 | | | 8.8 | 4.6 | 300 |
| 305 | | | | | | | | | | | | | | | | | | | | | | | | | 14.1 | | | 8.5 | 4.3 | 305 |
| 310 | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | 8.2 | 4 | 310 |
| 315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.9 | 3.7 | 315 |
| 320 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.4 | 3.4 | 320 |

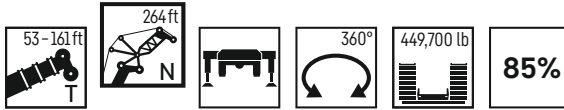
* adapter - pièce d'adaptateur

t_198_206_01601_00_000

Lifting capacities

Forces de levage

TN 264 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|-----|------|----------------------|------|------|------|-----|-----|
| | N 264 ft | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° |
| 95 | 56.8 | | | | | | | | | | | | | | | | | | | | | | | 95 |
| 100 | 56.4 | | | 54.4 | | | 49.5 | | | | | | | | | | | | | | | | | 100 |
| 105 | 56.1 | | | 54.1 | | | 49.3 | | | 42.7 | | | 36.1 | | | | | | | | | | | 105 |
| 110 | 55.8 | | | 53.8 | | | 49.1 | | | 42.6 | | | 36 | | | | | 27.8 | | | | | | 110 |
| 115 | 55.5 | | | 53.5 | | | 48.8 | | | 42.5 | | | 35.9 | | | | | 27.6 | | | 18.8 | | | 115 |
| 120 | 55.1 | | | 53.2 | | | 48.7 | | | 42.3 | | | 35.9 | | | | | 27.5 | | | 18.8 | | | 120 |
| 125 | 54.8 | | | 52.9 | | | 48.5 | | | 42.2 | | | 35.8 | | | | | 27.4 | | | 18.8 | | | 125 |
| 130 | 54.4 | | | 52.6 | | | 48.3 | | | 42.2 | | | 35.8 | | | | | 27.2 | | | 18.8 | | | 130 |
| 135 | 53.8 | | | 52.2 | | | 48.1 | | | 42.1 | | | 35.7 | | | | | 27.1 | | | 18.8 | | | 135 |
| 140 | 53.2 | 51.5 | | 51.7 | | | 47.9 | | | 42 | | | 35.6 | | | | | 26.9 | | | 18.8 | | | 140 |
| 145 | 52.6 | 51.3 | | 51.2 | 49.3 | | 47.7 | | | 41.9 | | | 35.5 | | | | | 26.8 | | | 18.8 | | | 145 |
| 150 | 52 | 51.1 | | 50.7 | 49.1 | | 47.2 | 45 | | 41.8 | | | 35.3 | | | | | 26.7 | | | 18.8 | | | 150 |
| 155 | 51.4 | 50.9 | | 50.1 | 49 | | 46.7 | 44.9 | | 41.6 | 39 | | 35.1 | | | | | 26.6 | | | 18.8 | | | 155 |
| 160 | 50.8 | 50.6 | | 49.5 | 48.9 | | 46.3 | 44.8 | | 41.4 | 39 | | 34.9 | | | | | 26.5 | | | 18.8 | | | 160 |
| 165 | 50.2 | 50.1 | | 49 | 48.7 | | 45.8 | 44.7 | | 41.1 | 39 | | 34.7 | 32.5 | | | | 26.4 | | | 18.8 | | | 165 |
| 170 | 49.6 | 49.6 | | 48.4 | 48.3 | | 45.4 | 44.6 | | 40.8 | 39 | | 34.2 | 32.5 | | | | 26.3 | 24 | | 18.8 | | | 170 |
| 175 | 49.1 | 49 | | 47.9 | 47.9 | | 44.9 | 44.6 | | 40.4 | 39 | | 33.8 | 32.3 | | | | 26.2 | 24 | | 18.8 | 16.1 | | 175 |
| 180 | 48.5 | 48.5 | | 47.4 | 47.4 | | 44.5 | 44.3 | | 40 | 38.7 | | 33.3 | 31.7 | | | | 26.1 | 24 | | 18.8 | 16.1 | | 180 |
| 185 | 48 | 48 | | 46.9 | 46.9 | | 44.1 | 44 | | 39.4 | 38.2 | | 32.8 | 31.1 | | | | 26 | 23.9 | | 18.7 | 16.1 | | 185 |
| 190 | 47.4 | 47.4 | 46.7 | 46.4 | 46.5 | | 43.7 | 43.7 | | 38.8 | 37.3 | | 32.2 | 30.5 | | | | 25.7 | 23.7 | | 18.7 | 16.1 | | 190 |
| 195 | 46.9 | 47 | 46.5 | 45.9 | 46 | | 43.3 | 43.3 | | 38.3 | 36.9 | | 31.6 | 29.8 | | | | 25.3 | 23.2 | | 18.5 | 16.1 | | 195 |
| 200 | 46.4 | 46.5 | 46 | 45.4 | 45.5 | 44.4 | 42.9 | 43 | | 38 | 36.8 | | 31.1 | 29.1 | | | | 24.9 | 22.6 | | 18.3 | 16.1 | | 200 |
| 205 | 46 | 46 | 45.5 | 44.9 | 45.1 | 44.3 | 42.5 | 42.6 | 40.6 | 37.7 | 36.7 | | 30.6 | 28.4 | | | | 24.5 | 22 | | 18.2 | 16 | | 205 |
| 210 | 45.5 | 45.6 | 45.1 | 44.5 | 44.7 | 43.9 | 42.1 | 42.2 | 40.6 | 37.5 | 36.5 | | 30 | 27.8 | | | | 24.1 | 21.5 | | 18 | 15.6 | | 210 |
| 215 | 45.1 | 45.1 | 44.7 | 44.2 | 44.3 | 43.7 | 41.8 | 41.9 | 40.6 | 37.3 | 36.4 | 33.3 | 29.6 | 27.1 | | | | 23.6 | 20.9 | | 17.7 | 15.2 | | 215 |
| 220 | 44.7 | 44.7 | 44.3 | 43.7 | 43.9 | 43.3 | 41.4 | 41.5 | 40.6 | 37 | 36.1 | 32.7 | 29.1 | 26.5 | | | | 23.2 | 20.4 | | 17.4 | 14.7 | | 220 |
| 225 | 44.2 | 44.3 | 43.9 | 43.3 | 43.5 | 43 | 41.1 | 41.2 | 40.5 | 36.8 | 35.8 | 32.7 | 28.6 | 25.8 | 24.6 | | | 22.8 | 19.8 | | 17.1 | 14.3 | | 225 |
| 230 | 43.9 | 43.9 | 43.5 | 43 | 43.2 | 42.6 | 40.8 | 40.9 | 40.2 | 36.6 | 35.5 | 32.7 | 28.2 | 25.2 | 23.7 | | | 22.4 | 19.2 | | 16.8 | 13.9 | | 230 |
| 235 | 43.1 | 43.6 | 43.2 | 42.7 | 42.9 | 42.3 | 40.5 | 40.7 | 40 | 36.4 | 35.3 | 32.7 | 27.8 | 24.6 | 22.8 | | | 22 | 18.7 | 16.6 | 16.5 | 13.4 | | 235 |
| 240 | 41.5 | 43.2 | 42.9 | 42.4 | 42.5 | 42 | 40.3 | 40.4 | 39.7 | 36.3 | 35 | 32.7 | 27.4 | 24 | 21.9 | | | 21.7 | 18.2 | 15.7 | 16.2 | 13 | | 240 |
| 245 | 39.6 | 43 | 42.5 | 41.9 | 42.3 | 41.7 | 40.1 | 40.2 | 39.5 | 36.2 | 34.8 | 32.7 | 27 | 23.4 | 21 | | | 21.3 | 17.7 | 14.9 | 15.9 | 12.6 | | 245 |
| 250 | 37.5 | 42.7 | 42.3 | 40.9 | 42 | 41.4 | 39.9 | 39.9 | 39.3 | 36.1 | 34.6 | 32.6 | 26.7 | 22.8 | 20.1 | | | 21 | 17.2 | 14.1 | 15.6 | 12.2 | 9 | 250 |
| 255 | 35.3 | 41.7 | 42 | 38.8 | 41.8 | 41.2 | 39.6 | 39.7 | 39.1 | 36 | 34.4 | 32.2 | 26.4 | 22.3 | 19.3 | | | 20.7 | 16.7 | 13.4 | 15.3 | 11.7 | 8.4 | 255 |
| 260 | 32.9 | 40.4 | 41.8 | 36.5 | 41.3 | 41 | 38.3 | 39.6 | 38.9 | 35.9 | 34.2 | 31.8 | 26.2 | 21.8 | 18.5 | | | 20.4 | 16.2 | 12.7 | 15 | 11.4 | 7.8 | 260 |
| 265 | 30.1 | 39.1 | 41.5 | 33.9 | 40.3 | 40.9 | 36.2 | 39.5 | 38.7 | 34.9 | 34.1 | 31.5 | 26.1 | 21.3 | 17.8 | | | 20.2 | 15.7 | 12 | 14.8 | 11 | 7.2 | 265 |
| 270 | 26.8 | 37.1 | 40.6 | 30.6 | 39 | 40.8 | 33.5 | 39.5 | 38.6 | 33.2 | 34.1 | 31.1 | 26.1 | 20.9 | 17.1 | | | 20 | 15.3 | 11.4 | 14.6 | 10.6 | 6.7 | 270 |
| 275 | | 34.3 | 39.2 | 26.3 | 37.8 | 40.6 | 30 | 38.9 | 38.5 | 32.3 | 34.1 | 30.6 | 26.1 | 20.5 | 16.4 | | | 19.9 | 14.9 | 10.8 | 14.4 | 10.1 | 6.2 | 275 |
| 280 | | 30.5 | 38 | | 36.3 | 39.8 | | 37.8 | 37.6 | | 34.1 | 30 | 26.1 | 20.2 | 15.8 | | | 19.8 | 14.5 | 10.2 | 14.3 | 9.8 | 5.7 | 280 |
| 285 | | | 36.8 | | 32.9 | 38.6 | | 36.6 | 36.7 | | 34.1 | 29.5 | | 19.9 | 15.3 | | | | 14.1 | 9.7 | 14.3 | 9.5 | 5.3 | 285 |
| 290 | | | 35.7 | | | 37.4 | | 34 | 35.9 | | 34.1 | 29.1 | | 19.7 | 14.8 | | | | 13.8 | 9.3 | | 9.2 | 4.8 | 290 |
| 295 | | | | | | | | | | | | | | | | | | | | | | | | 295 |
| 300 | | | | | | 36.2 | | | | | | 33.3 | | 19.6 | 14.2 | | | | | | | 8.9 | 4.5 | 295 |
| 305 | | | | | | | | | | | | | | | | | | | | | | | | 300 |
| 310 | | | | | | | | | | | | | | | | | | | | | | | | 305 |
| 315 | | | | | | | | | | | | | | | | | | | | | | | | 310 |
| 320 | | | | | | | | | | | | | | | | | | | | | | | | 315 |
| 325 | | | | | | | | | | | | | | | | | | | | | | | | 320 |
| 330 | | | | | | | | | | | | | | | | | | | | | | | | 325 |
| | | | | | | | | | | | | | | | | | | | | | | | | 330 |

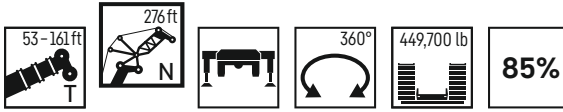
* adapter - pièce d'adaptateur

t_198_206_01701_00_000

Lifting capacities

Forces de levage

TN 276 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|-----|
| | N 276 ft | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 100 | 51.3 | | | 49.4 | | | | | | | | | | | | | | | | | | 100 | |
| 105 | 50.9 | | | 49 | | | 44.7 | | | 37.3 | | | | | | | | | | | | 105 | |
| 110 | 50.6 | | | 48.7 | | | 44.4 | | | 38.5 | | | 32.4 | | | | | | | | | 110 | |
| 115 | 50.3 | | | 48.5 | | | 44.2 | | | 38.3 | | | 32.3 | | | 24.6 | | | | 16 | | 115 | |
| 120 | 50 | | | 48.2 | | | 44 | | | 38.2 | | | 32.2 | | | 24.5 | | | | 16 | | 120 | |
| 125 | 49.7 | | | 47.9 | | | 43.8 | | | 38.1 | | | 32.1 | | | 24.5 | | | | 16 | | 125 | |
| 130 | 49.4 | | | 47.7 | | | 43.7 | | | 38 | | | 32.1 | | | 24.4 | | | | 16 | | 130 | |
| 135 | 49 | | | 47.4 | | | 43.5 | | | 37.9 | | | 32 | | | 24.3 | | | | 16 | | 135 | |
| 140 | 48.6 | | | 47.1 | | | 43.3 | | | 37.8 | | | 32 | | | 24.1 | | | | 16 | | 140 | |
| 145 | 48.2 | 46.3 | | 46.8 | | | 43.2 | | | 37.7 | | | 32 | | | 24 | | | | 16 | | 145 | |
| 150 | 47.7 | 46.1 | | 46.3 | 44.3 | | 43 | | | 37.7 | | | 31.8 | | | 23.9 | | | | 16 | | 150 | |
| 155 | 47.2 | 45.9 | | 45.8 | 44.2 | | 42.6 | 40.4 | | 37.6 | | | 31.7 | | | 23.8 | | | | 16 | | 155 | |
| 160 | 46.6 | 45.7 | | 45.4 | 44 | | 42.2 | 40.3 | | 37.4 | 35 | | 31.5 | | | 23.7 | | | | 16 | | 160 | |
| 165 | 46.1 | 45.6 | | 44.9 | 43.9 | | 41.8 | 40.2 | | 37.2 | 34.9 | | 31.4 | | | 23.6 | | | | 16 | | 165 | |
| 170 | 45.6 | 45.3 | | 44.4 | 43.7 | | 41.4 | 40.1 | | 37 | 34.9 | | 31.3 | 29.1 | | 23.5 | | | | 16 | | 170 | |
| 175 | 45.1 | 44.9 | | 43.9 | 43.6 | | 41 | 40 | | 36.7 | 34.9 | | 30.9 | 29.1 | | 23.4 | 21 | | | 16 | | 175 | |
| 180 | 44.6 | 44.4 | | 43.5 | 43.3 | | 40.6 | 40 | | 36.4 | 34.9 | | 30.5 | 29 | | 23.3 | 21 | | | 16 | 13.6 | 180 | |
| 185 | 44 | 44 | | 43 | 42.9 | | 40.2 | 39.9 | | 36.1 | 34.9 | | 30.1 | 28.7 | | 23.2 | 21 | | | 16 | 13.6 | 185 | |
| 190 | 43.5 | 43.5 | | 42.5 | 42.5 | | 39.8 | 39.7 | | 35.7 | 34.7 | | 29.7 | 28.1 | | 23.1 | 21 | | | 16 | 13.6 | 190 | |
| 195 | 43 | 43 | | 42 | 42 | | 39.4 | 39.4 | | 35.2 | 34 | | 29.2 | 27.6 | | 23 | 21 | | | 16 | 13.6 | 195 | |
| 200 | 42.5 | 42.6 | 41.7 | 41.5 | 41.6 | | 39 | 39 | | 34.8 | 33.4 | | 28.8 | 27.1 | | 22.7 | 20.8 | | | 16 | 13.6 | 200 | |
| 205 | 42 | 42.1 | 41.6 | 41.1 | 41.2 | 39.7 | 38.6 | 38.7 | | 34.3 | 33 | | 28.4 | 26.5 | | 22.4 | 20.2 | | | 15.9 | 13.6 | 205 | |
| 210 | 41.6 | 41.6 | 41.2 | 40.7 | 40.8 | 39.7 | 38.3 | 38.4 | | 33.9 | 33 | | 28 | 25.9 | | 22.1 | 19.7 | | | 15.8 | 13.6 | 210 | |
| 215 | 41.1 | 41.2 | 40.8 | 40.3 | 40.4 | 39.6 | 37.9 | 38.1 | 36.2 | 33.6 | 32.9 | | 27.5 | 25.3 | | 21.7 | 19.2 | | | 15.7 | 13.5 | 215 | |
| 220 | 40.7 | 40.7 | 40.4 | 39.8 | 40 | 39.4 | 37.6 | 37.7 | 36.2 | 33.4 | 32.8 | | 27 | 24.8 | | 21.3 | 18.7 | | | 15.5 | 13.1 | 220 | |
| 225 | 40.3 | 40.4 | 39.9 | 39.4 | 39.6 | 39 | 37.2 | 37.4 | 36.2 | 33.1 | 32.6 | 29.6 | 26.6 | 24.2 | | 20.8 | 18.1 | | | 15.3 | 12.7 | 225 | |
| 230 | 39.9 | 40 | 39.6 | 39.1 | 39.2 | 38.7 | 36.9 | 37.1 | 36.2 | 32.9 | 32.4 | 29.1 | 26.2 | 23.6 | | 20.5 | 17.7 | | | 15 | 12.3 | 230 | |
| 235 | 39.5 | 39.6 | 39.2 | 38.7 | 38.9 | 38.3 | 36.6 | 36.8 | 36.2 | 32.7 | 32.1 | 29.1 | 25.8 | 23.1 | 21.7 | 20.1 | 17.2 | | | 14.8 | 12 | 235 | |
| 240 | 39.1 | 39.2 | 38.8 | 38.3 | 38.5 | 38 | 36.3 | 36.5 | 35.9 | 32.5 | 31.9 | 29.1 | 25.4 | 22.5 | 20.9 | 19.7 | 16.7 | | | 14.5 | 11.6 | 240 | |
| 245 | 38.6 | 38.8 | 38.5 | 38 | 38.2 | 37.7 | 36 | 36.2 | 35.6 | 32.3 | 31.7 | 29.1 | 25 | 22 | 20.1 | 19.4 | 16.2 | 13.9 | | 14.2 | 11.2 | 245 | |
| 250 | 37.8 | 38.5 | 38.2 | 37.8 | 37.8 | 37.4 | 35.8 | 35.9 | 35.4 | 32.1 | 31.5 | 29.1 | 24.6 | 21.5 | 19.3 | 19.1 | 15.7 | 13.2 | | 13.9 | 10.8 | 250 | |
| 255 | 36.1 | 38.2 | 37.9 | 37.5 | 37.6 | 37.1 | 35.6 | 35.6 | 35.1 | 32 | 31.3 | 29.1 | 24.3 | 20.9 | 18.5 | 18.8 | 15.3 | 12.4 | | 13.6 | 10.4 | 7.4 | 255 |
| 260 | 34.3 | 38 | 37.6 | 37 | 37.3 | 36.8 | 35.4 | 35.4 | 34.9 | 31.9 | 31.1 | 29.1 | 24.1 | 20.4 | 17.8 | 18.5 | 14.8 | 11.7 | | 13.3 | 10 | 6.8 | 260 |
| 265 | 32.4 | 37.7 | 37.3 | 35.4 | 37.1 | 36.6 | 35.2 | 35.2 | 34.7 | 31.8 | 30.9 | 28.9 | 23.8 | 20 | 17 | 18.2 | 14.3 | 11.1 | | 13.1 | 9.6 | 6.2 | 265 |
| 270 | 30.2 | 36.9 | 37.1 | 33.5 | 36.9 | 36.4 | 34.7 | 35.1 | 34.5 | 31.8 | 30.8 | 28.6 | 23.7 | 19.5 | 16.3 | 18 | 13.9 | 10.4 | | 12.8 | 9.3 | 5.7 | 270 |
| 275 | 27.8 | 35.7 | 37 | 31.2 | 36.5 | 36.2 | 33.1 | 35 | 34.3 | 31.4 | 30.8 | 28.2 | 23.5 | 19.1 | 15.7 | 17.7 | 13.5 | 9.9 | | 12.6 | 8.9 | 5.1 | 275 |
| 280 | 24.9 | 34.1 | 36.7 | 28.5 | 35.6 | 36.1 | 30.9 | 34.9 | 34.2 | 30.3 | 30.7 | 27.9 | 23.5 | 18.7 | 15 | 17.6 | 13.1 | 9.3 | | 12.5 | 8.6 | 4.7 | 280 |
| 285 | 20.7 | 31.8 | 35.9 | 25.3 | 34.5 | 36 | 28 | 34.9 | 34.1 | 29.5 | 30.7 | 27.6 | 23.5 | 18.4 | 14.5 | 17.4 | 12.8 | 8.8 | | 12.3 | 8.2 | 4.2 | 285 |
| 290 | | 28.8 | 34.7 | | 33.3 | 35.9 | | 34.5 | 34 | 27.3 | 30.7 | 27.2 | 23.5 | 18 | 13.9 | 17.4 | 12.4 | 8.3 | | 12.2 | 7.9 | 3.8 | 290 |
| 295 | | | 33.7 | | 31 | 35.3 | | 33.4 | 33.7 | | 30.7 | 26.7 | | 17.8 | 13.4 | | 12.1 | 7.8 | | 12.1 | 7.6 | 3.4 | 295 |
| 300 | | | 32.6 | | | 34.2 | | 31.7 | 33 | | 30.7 | 26.3 | | 17.6 | 12.9 | | 11.8 | 7.4 | | | 7.4 | | 300 |
| 305 | | | 29.8 | | | 33.1 | | | 32.2 | | 30.7 | 26 | | 17.4 | 12.4 | | 11.5 | 7 | | | 7.1 | | 305 |
| 310 | | | | | | 32.1 | | | 31.5 | | | 25.7 | | 17.4 | 12 | | 11.3 | 6.6 | | | 6.9 | | 310 |
| 315 | | | | | | | | | 30.7 | | | 25.6 | | | 11.5 | | 11.2 | 6.2 | | | 6.7 | | 315 |
| 320 | | | | | | | | | | | | 25.6 | | | | | | 5.9 | | | 6.6 | | 320 |
| 325 | | | | | | | | | | | | 25.6 | | | | | | 5.6 | | | | | 325 |
| 330 | | | | | | | | | | | | | | | 10.6 | | | | | | | | 330 |
| 335 | | | | | | | | | | | | | | | | | | | | | 5 | | 335 |
| 340 | | | | | | | | | | | | | | | | | | | | | 4.8 | | 340 |

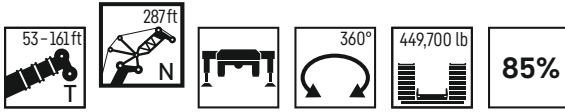
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 287 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|-----|------|----------------------|------|------|------|-----|-----|
| | N 287 ft | | | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 105 | 45.1 | | | 43.7 | | | | | | | | | | | | | | | | | | 105 | | |
| 110 | 44.4 | | | 43.1 | | | 39.8 | | | 34.5 | | | | | | | | | | | | 110 | | |
| 115 | 43.8 | | | 42.6 | | | 39.5 | | | 34.4 | | | 29.2 | | | | | 21.9 | | | | 115 | | |
| 120 | 43.2 | | | 42 | | | 39.1 | | | 34.2 | | | 29.1 | | | | | 21.9 | | | 13.8 | 120 | | |
| 125 | 42.7 | | | 41.5 | | | 38.6 | | | 34.1 | | | 29 | | | | | 21.8 | | | 13.8 | 125 | | |
| 130 | 42.1 | | | 41 | | | 38.2 | | | 34 | | | 28.9 | | | | | 21.7 | | | 13.8 | 130 | | |
| 135 | 41.6 | | | 40.5 | | | 37.7 | | | 33.7 | | | 28.9 | | | | | 21.7 | | | 13.8 | 135 | | |
| 140 | 41 | | | 40 | | | 37.3 | | | 33.3 | | | 28.8 | | | | | 21.7 | | | 13.8 | 140 | | |
| 145 | 40.5 | | | 39.5 | | | 36.9 | | | 33 | | | 28.6 | | | | | 21.6 | | | 13.8 | 145 | | |
| 150 | 40 | 40 | | 39 | | | 36.5 | | | 32.7 | | | 28.4 | | | | | 21.5 | | | 13.8 | 150 | | |
| 155 | 39.5 | 39.5 | | 38.6 | 38.5 | | 36.1 | | | 32.4 | | | 28.1 | | | | | 21.4 | | | 13.8 | 155 | | |
| 160 | 39.1 | 39 | | 38.1 | 38.1 | | 35.7 | 35.7 | | 32.1 | | | 27.9 | | | | | 21.3 | | | 13.8 | 160 | | |
| 165 | 38.6 | 38.5 | | 37.7 | 37.6 | | 35.3 | 35.3 | | 31.8 | 31.1 | | 27.7 | | | | | 21.1 | | | 13.8 | 165 | | |
| 170 | 38.2 | 38.1 | | 37.3 | 37.2 | | 35 | 34.9 | | 31.6 | 31 | | 27.5 | | | | | 21.1 | | | 13.8 | 170 | | |
| 175 | 37.7 | 37.7 | | 36.9 | 36.8 | | 34.6 | 34.6 | | 31.3 | 30.9 | | 27.3 | 26 | | | | 21 | | | 13.8 | 175 | | |
| 180 | 37.3 | 37.3 | | 36.5 | 36.5 | | 34.3 | 34.2 | | 31 | 30.8 | | 27.1 | 25.9 | | | | 20.9 | 18.6 | | 13.8 | 180 | | |
| 185 | 36.9 | 36.9 | | 36.1 | 36.1 | | 34 | 33.9 | | 30.8 | 30.6 | | 26.9 | 25.9 | | | | 20.8 | 18.6 | | 13.8 | 11.6 | 185 | |
| 190 | 36.6 | 36.5 | | 35.7 | 35.7 | | 33.7 | 33.6 | | 30.5 | 30.4 | | 26.7 | 25.8 | | | | 20.7 | 18.6 | | 13.8 | 11.6 | 190 | |
| 195 | 36.2 | 36.1 | | 35.4 | 35.4 | | 33.4 | 33.3 | | 30.3 | 30.2 | | 26.6 | 25.7 | | | | 20.6 | 18.6 | | 13.8 | 11.6 | 195 | |
| 200 | 35.8 | 35.8 | | 35 | 35 | | 33.1 | 33 | | 30.1 | 29.9 | | 26.3 | 25.3 | | | | 20.5 | 18.6 | | 13.8 | 11.6 | 200 | |
| 205 | 35.5 | 35.5 | 35.1 | 34.7 | 34.7 | | 32.8 | 32.8 | | 29.9 | 29.7 | | 26.1 | 24.7 | | | | 20.3 | 18.6 | | 13.8 | 11.6 | 205 | |
| 210 | 35.2 | 35.1 | 34.8 | 34.4 | 34.4 | 33.8 | 32.5 | 32.5 | | 29.6 | 29.4 | | 25.8 | 24.2 | | | | 20.1 | 18.4 | | 13.8 | 11.6 | 210 | |
| 215 | 34.9 | 34.8 | 34.5 | 34.1 | 34.1 | 33.5 | 32.3 | 32.3 | | 29.5 | 29.2 | | 25.5 | 23.8 | | | | 19.9 | 17.9 | | 13.8 | 11.6 | 215 | |
| 220 | 34.6 | 34.6 | 34.2 | 33.9 | 33.9 | 33.3 | 32 | 32 | 31.3 | 29.3 | 28.7 | | 25.1 | 23.3 | | | | 19.7 | 17.5 | | 13.8 | 11.6 | 220 | |
| 225 | 34.3 | 34.3 | 33.9 | 33.6 | 33.6 | 33 | 31.8 | 31.8 | 31.1 | 29.1 | 28.3 | | 24.7 | 22.7 | | | | 19.3 | 17 | | 13.7 | 11.6 | 225 | |
| 230 | 34.1 | 34 | 33.6 | 33.4 | 33.4 | 32.8 | 31.6 | 31.6 | 30.9 | 29 | 28.1 | 27.3 | 24.4 | 22.3 | | | | 19 | 16.6 | | 13.5 | 11.4 | 230 | |
| 235 | 33.7 | 33.8 | 33.4 | 33.1 | 33.1 | 32.6 | 31.4 | 31.4 | 30.7 | 28.8 | 28 | 26.5 | 24 | 21.8 | | | | 18.6 | 16.1 | | 13.4 | 11 | 235 | |
| 240 | 33.3 | 33.6 | 33.2 | 32.9 | 32.9 | 32.4 | 31.3 | 31.2 | 30.5 | 28.7 | 27.9 | 25.8 | 23.6 | 21.3 | 20.1 | | | 18.3 | 15.7 | | 13.2 | 10.6 | 240 | |
| 245 | 32.9 | 33.2 | 33 | 32.6 | 32.7 | 32.2 | 31.1 | 31 | 30.4 | 28.4 | 27.8 | 25.8 | 23.2 | 20.8 | 19.4 | | | 18 | 15.2 | | 12.9 | 10.3 | 245 | |
| 250 | 32.3 | 32.8 | 32.8 | 32 | 32.5 | 32 | 31 | 30.9 | 30.2 | 28 | 27.7 | 25.8 | 22.9 | 20.3 | 18.7 | | | 17.7 | 14.8 | 12.8 | 12.7 | 9.9 | 250 | |
| 255 | 31.7 | 32.4 | 32.6 | 31.5 | 32.2 | 31.8 | 30.6 | 30.7 | 30.1 | 27.9 | 27.6 | 25.8 | 22.6 | 19.8 | 18 | | | 17.4 | 14.4 | 12.1 | 12.4 | 9.6 | 255 | |
| 260 | 31.1 | 31.8 | 32.4 | 31 | 31.9 | 31.7 | 30.2 | 30.6 | 30 | 27.8 | 27.5 | 25.8 | 22.3 | 19.4 | 17.3 | | | 17.1 | 13.9 | 11.4 | 12.2 | 9.2 | 6.6 | 260 |
| 265 | 30.6 | 31.3 | 32 | 30.4 | 31.3 | 31.6 | 29.7 | 30.5 | 29.8 | 27.8 | 27.5 | 25.8 | 22.1 | 18.9 | 16.6 | | | 16.8 | 13.5 | 10.8 | 11.9 | 8.9 | 5.9 | 265 |
| 270 | 30.1 | 30.7 | 31.4 | 29.9 | 30.8 | 31.4 | 29.2 | 30.1 | 29.7 | 27.7 | 27.5 | 25.8 | 21.8 | 18.5 | 15.9 | | | 16.6 | 13.1 | 10.1 | 11.7 | 8.5 | 5.4 | 270 |
| 275 | 29.3 | 30.2 | 30.9 | 29.4 | 30.3 | 31 | 28.8 | 29.8 | 29.7 | 27.3 | 27.5 | 25.8 | 21.6 | 18.1 | 15.2 | | | 16.3 | 12.7 | 9.5 | 11.4 | 8.2 | 4.8 | 275 |
| 280 | 27.9 | 29.8 | 30.4 | 29 | 29.8 | 30.6 | 28.4 | 29.3 | 29.6 | 27 | 27.5 | 25.6 | 21.4 | 17.7 | 14.6 | | | 16.1 | 12.3 | 9 | 11.2 | 7.8 | 4.3 | 280 |
| 285 | 25.9 | 29.3 | 29.9 | 28.5 | 29.4 | 30.1 | 28 | 28.9 | 29.5 | 26.8 | 27.4 | 25.4 | 21.3 | 17.3 | 14 | | | 15.9 | 11.9 | 8.4 | 11 | 7.5 | 3.9 | 285 |
| 290 | 23.4 | 28.8 | 29.4 | 26.6 | 29 | 29.7 | 27.7 | 28.5 | 29.3 | 26.8 | 27.2 | 25.1 | 21.3 | 16.9 | 13.4 | | | 15.7 | 11.6 | 7.9 | 10.9 | 7.2 | 3.4 | 290 |
| 295 | 20.8 | 28.4 | 29 | 23.8 | 28.6 | 29.2 | 26.2 | 28.1 | 28.9 | 26.6 | 26.9 | 24.9 | 21.3 | 16.6 | 12.9 | | | 15.6 | 11.3 | 7.4 | 10.7 | 6.9 | | 295 |
| 300 | | 27.1 | 28.7 | | 28.2 | 28.9 | | 27.9 | 28.5 | 25.2 | 26.7 | 24.7 | 21.3 | 16.3 | 12.4 | | | 15.6 | 11 | 6.9 | 10.6 | 6.6 | | 300 |
| 305 | | 23.4 | 28.3 | | 27.9 | 28.5 | | 27.6 | 28.1 | | 26.4 | 24.5 | | 16.1 | 11.9 | | | 15.6 | 10.7 | 6.5 | 10.6 | 6.4 | | 305 |
| 310 | | | 28 | | | 28.2 | | 27.4 | 27.8 | | 26.3 | 24.2 | | 15.9 | 11.5 | | | | 10.4 | 6.1 | | 6.1 | | 310 |
| 315 | | | | | | 27.9 | | | 27.6 | | 26.3 | 24 | | 15.8 | 11.1 | | | | 10.1 | 5.7 | | 5.9 | | 315 |
| 320 | | | | | | 27.8 | | | 27.4 | | | 23.7 | | 15.8 | 10.6 | | | | 9.9 | 5.3 | | 5.7 | | 320 |
| 325 | | | | | | | | | 27.3 | | | 23.6 | | | 10.2 | | | | 9.8 | 5 | | 5.5 | | 325 |
| 330 | | | | | | | | | 27.3 | | | 23.6 | | | 9.9 | | | | | 4.7 | | 5.4 | | 330 |
| 335 | | | | | | | | | | | 23.6 | | | | 9.6 | | | | | 4.4 | | | | 335 |
| 340 | | | | | | | | | | | | | | | 9.4 | | | | | 4.2 | | | | 340 |
| 345 | | | | | | | | | | | | | | | | | | | | 3.9 | | | | 345 |
| 350 | | | | | | | | | | | | | | | | | | | | 3.8 | | | | 350 |

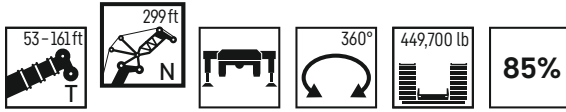
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TN 299 ft



| | 53 ft + 13 ft 1 in* | | | 72 ft + 13 ft 1 in* | | | 89 ft + 13 ft 1 in* | | | 107 ft + 13 ft 1 in* | | | 125 ft + 13 ft 1 in* | | | 143 ft + 13 ft 1 in* | | | 161 ft + 13 ft 1 in* | | | |
|-----|---------------------|------|------|---------------------|------|------|---------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|----------------------|------|------|-----|
| | N 299 ft | | | | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 105 | 41.4 | | | | | | | | | | | | | | | | | | | | | 105 |
| 110 | 41 | | | 39.5 | | | | | | 36 | | | | | | | | | | | | 110 |
| 115 | 40.5 | | | 39.2 | | | | | | 35.8 | | | | | | 26.2 | | | | | | 115 |
| 120 | 39.9 | | | 38.8 | | | | | | 35.6 | | | | | | 26.1 | | | | 19 | | 120 |
| 125 | 39.4 | | | 38.3 | | | | | | 35.3 | | | | | | 26 | | | | 19 | | 125 |
| 130 | 38.9 | | | 37.8 | | | | | | 35.1 | | | | | | 25.9 | | | | 18.9 | | 130 |
| 135 | 38.4 | | | 37.4 | | | | | | 34.7 | | | | | | 25.9 | | | | 18.9 | | 135 |
| 140 | 37.9 | | | 36.9 | | | | | | 34.3 | | | | | | 25.8 | | | | 18.9 | | 140 |
| 145 | 37.4 | | | 36.5 | | | | | | 33.9 | | | | | | 25.7 | | | | 18.9 | | 145 |
| 150 | 36.9 | | | 36 | | | | | | 33.6 | | | | | | 25.6 | | | | 18.9 | | 150 |
| 155 | 36.5 | 36.4 | | 35.6 | | | | | | 33.2 | | | | | | 25.6 | | | | 18.9 | | 155 |
| 160 | 36 | 36 | | 35.1 | 35 | | | | | 32.9 | | | | | | 25.4 | | | | 18.8 | | 160 |
| 165 | 35.6 | 35.6 | | 34.7 | 34.7 | | | | | 32.5 | 32 | | | | | 25.3 | | | | 18.7 | | 165 |
| 170 | 35.2 | 35.1 | | 34.3 | 34.3 | | | | | 32.2 | 31.9 | | | | | 25.1 | | | | 18.6 | | 170 |
| 175 | 34.8 | 34.8 | | 34 | 33.9 | | | | | 31.9 | 31.8 | | | | | 25 | | | | 18.5 | | 175 |
| 180 | 34.4 | 34.4 | | 33.6 | 33.5 | | | | | 31.6 | 31.5 | | | | | 24.8 | 23.2 | | | 18.4 | | 180 |
| 185 | 34 | 34 | | 33.3 | 33.2 | | | | | 31.2 | 31.2 | | | | | 24.6 | 23.1 | | | 18.3 | 16 | 185 |
| 190 | 33.7 | 33.6 | | 32.9 | 32.9 | | | | | 30.9 | 30.9 | | | | | 24.4 | 23 | | | 18.3 | 16 | 190 |
| 195 | 33.3 | 33.3 | | 32.6 | 32.5 | | | | | 30.6 | 30.6 | | | | | 24.3 | 23 | | | 18.2 | 16 | 195 |
| 200 | 33 | 33 | | 32.3 | 32.2 | | | | | 30.4 | 30.3 | | | | | 24.1 | 22.9 | | | 18.1 | 16 | 200 |
| 205 | 32.7 | 32.6 | | 31.9 | 31.9 | | | | | 30.1 | 30.1 | | | | | 23.9 | 22.7 | | | 18 | 16 | 205 |
| 210 | 32.4 | 32.3 | 32 | 31.7 | 31.6 | | | | | 29.8 | 29.8 | | | | | 23.6 | 22.2 | | | 17.9 | 16 | 210 |
| 215 | 32.1 | 32 | 31.7 | 31.4 | 31.4 | | | | | 29.6 | 29.6 | | | | | 23.3 | 21.7 | | | 17.8 | 16 | 215 |
| 220 | 31.8 | 31.7 | 31.4 | 31.1 | 31.1 | 30.5 | | | | 29.4 | 29.4 | | | | | 23 | 21.4 | | | 17.6 | 15.7 | 220 |
| 225 | 31.5 | 31.5 | 31.1 | 30.9 | 30.8 | 30.3 | | | | 29.2 | 29.1 | | | | | 22.6 | 20.9 | | | 17.4 | 15.3 | 225 |
| 230 | 31.3 | 31.2 | 30.8 | 30.7 | 30.6 | 30.1 | 29 | 28.9 | 28.3 | 29 | 28.9 | | | | | 22.3 | 20.4 | | | 17.1 | 14.9 | 230 |
| 235 | 31.1 | 31 | 30.6 | 30.4 | 30.4 | 29.8 | 28.8 | 28.7 | 28.1 | 28.8 | 28.7 | 28.1 | 25.7 | 25.2 | 22.8 | 21.9 | 19.9 | | | 16.8 | 14.5 | 235 |
| 240 | 30.8 | 30.8 | 30.4 | 30.2 | 30.2 | 29.6 | 28.6 | 28.5 | 27.9 | 28.6 | 28.5 | 27.9 | 25.5 | 25 | 24.2 | 21.6 | 19.5 | | | 16.5 | 14.1 | 240 |
| 245 | 30.7 | 30.6 | 30.2 | 30 | 30 | 29.4 | 28.4 | 28.4 | 27.7 | 28.4 | 28.4 | 27.7 | 25.2 | 24.8 | 23.5 | 21.2 | 19.1 | 18 | | 16.2 | 13.7 | 245 |
| 250 | 30.5 | 30.4 | 30 | 29.9 | 29.8 | 29.2 | 28.3 | 28.2 | 27.6 | 28.3 | 28.2 | 27.6 | 25 | 24.6 | 22.8 | 20.9 | 18.6 | 17.4 | | 15.9 | 13.3 | 250 |
| 255 | 30.4 | 30.2 | 29.8 | 29.7 | 29.6 | 29.1 | 28.2 | 28.1 | 27.4 | 28.8 | 28.4 | 27.8 | 24.8 | 24.4 | 22.8 | 20.6 | 18.2 | 16.7 | | 15.6 | 12.9 | 255 |
| 260 | 30.2 | 30.1 | 29.7 | 29.6 | 29.5 | 28.9 | 28 | 27.9 | 27.3 | 28.7 | 28.2 | 27.6 | 24.6 | 24.2 | 22.8 | 20.3 | 17.8 | 16.1 | 15.3 | 12.5 | 10.4 | 260 |
| 265 | 30.1 | 29.9 | 29.5 | 29.4 | 29.4 | 28.8 | 27.8 | 27.8 | 27.2 | 28.8 | 28.2 | 27.6 | 24.4 | 24.1 | 22.8 | 20 | 17.3 | 15.4 | 15 | 12.1 | 9.8 | 265 |
| 270 | 29.8 | 29.8 | 29.4 | 29.2 | 29.2 | 28.7 | 27.6 | 27.6 | 27.1 | 28.7 | 28.1 | 27.5 | 24.2 | 23.9 | 22.8 | 19.8 | 16.9 | 14.8 | 14.8 | 11.7 | 9.2 | 270 |
| 275 | 29.4 | 29.6 | 29.2 | 29 | 29 | 28.5 | 27.5 | 27.5 | 27 | 28.5 | 27.9 | 27.3 | 24.1 | 23.7 | 22.8 | 19.5 | 16.5 | 14.2 | 14.5 | 11.3 | 8.5 | 275 |
| 280 | 28.4 | 29.4 | 29 | 28.9 | 28.9 | 28.4 | 27.4 | 27.3 | 26.8 | 28.4 | 27.8 | 27.2 | 24 | 23.6 | 22.8 | 19.3 | 16.1 | 13.5 | 14.3 | 11 | 8 | 280 |
| 285 | 27 | 29.3 | 28.9 | 28.8 | 28.7 | 28.3 | 27.3 | 27.2 | 26.7 | 28.7 | 28.1 | 27.5 | 23.9 | 23.4 | 22.8 | 19.1 | 15.8 | 12.9 | 14.1 | 10.6 | 7.4 | 285 |
| 290 | 25.4 | 29.1 | 28.7 | 28.8 | 28.6 | 28.1 | 27.3 | 27.1 | 26.5 | 28.6 | 28.0 | 27.4 | 23.8 | 23.3 | 22.7 | 19 | 15.4 | 12.4 | 13.9 | 10.2 | 6.9 | 290 |
| 295 | 23.6 | 28.7 | 28.6 | 26.3 | 28.6 | 28 | 27.2 | 27 | 26.4 | 28.7 | 28.1 | 27.5 | 23.8 | 23.2 | 22.6 | 18.9 | 15 | 11.8 | 13.7 | 9.9 | 6.4 | 295 |
| 300 | 21.5 | 28.2 | 28.6 | 24.4 | 28.4 | 27.9 | 25.9 | 27 | 26.2 | 28.2 | 27.6 | 27 | 23.8 | 23.2 | 22.5 | 18.8 | 14.7 | 11.3 | 13.6 | 9.6 | 5.9 | 300 |
| 305 | 19 | 27 | 28.4 | 22 | 28 | 27.8 | 24.1 | 27 | 26.2 | 27.8 | 27.2 | 26.6 | 23.8 | 23.2 | 22.2 | 18.8 | 14.4 | 10.8 | 13.5 | 9.2 | 5.5 | 305 |
| 310 | | 25 | 28.1 | | 27.7 | 27.8 | 21.7 | 27 | 26.2 | 27.7 | 27.1 | 26.5 | 22.7 | 23.2 | 22.1 | 18.8 | 14.2 | 10.3 | 13.5 | 9 | 5.1 | 310 |
| 315 | | | 27.8 | | 26.8 | 27.8 | | 27 | 26.2 | 27.7 | 27.1 | 26.5 | 23.2 | 22 | 21.3 | 18.8 | 13.9 | 9.9 | 13.5 | 8.7 | 4.7 | 315 |
| 320 | | | 27.4 | | 23.7 | 27.6 | | 26.7 | 26.2 | 27.6 | 27 | 26.4 | 23.2 | 21.8 | 21.1 | 18.8 | 13.8 | 9.5 | 13.5 | 8.5 | 4.3 | 320 |
| 325 | | | 26.6 | | | 27.4 | | | 26.2 | 27.6 | 27 | 26.4 | 23.2 | 21.7 | 21 | 18.8 | 13.7 | 9.1 | 13.5 | 8.4 | 3.9 | 325 |
| 330 | | | | | | 27 | | | 26.2 | 27.6 | 27 | 26.4 | 23 | 21.5 | 20.8 | 18.8 | 13.7 | 8.8 | 13.5 | 8.2 | 3.6 | 330 |
| 335 | | | | | | | | | 26.1 | 27.6 | 27 | 26.4 | | 21.3 | 20.6 | 18.8 | | 8.4 | 13.5 | 8.1 | | 335 |
| 340 | | | | | | | | | 25.6 | 27.6 | 27 | 26.4 | | 21.3 | 20.6 | 18.8 | | 8.2 | 13.5 | | | 340 |
| 345 | | | | | | | | | | 27.6 | 27 | 26.4 | | 21.3 | 20.6 | 18.8 | | 7.9 | 13.5 | | | 345 |
| 350 | | | | | | | | | | 27.6 | 27 | 26.4 | | 21.3 | 20.6 | 18.8 | | 7.7 | 13.5 | | | 350 |
| 355 | | | | | | | | | | 27.6 | 27 | 26.4 | | 21.3 | 20.6 | 18.8 | | 7.6 | 13.5 | | | 355 |

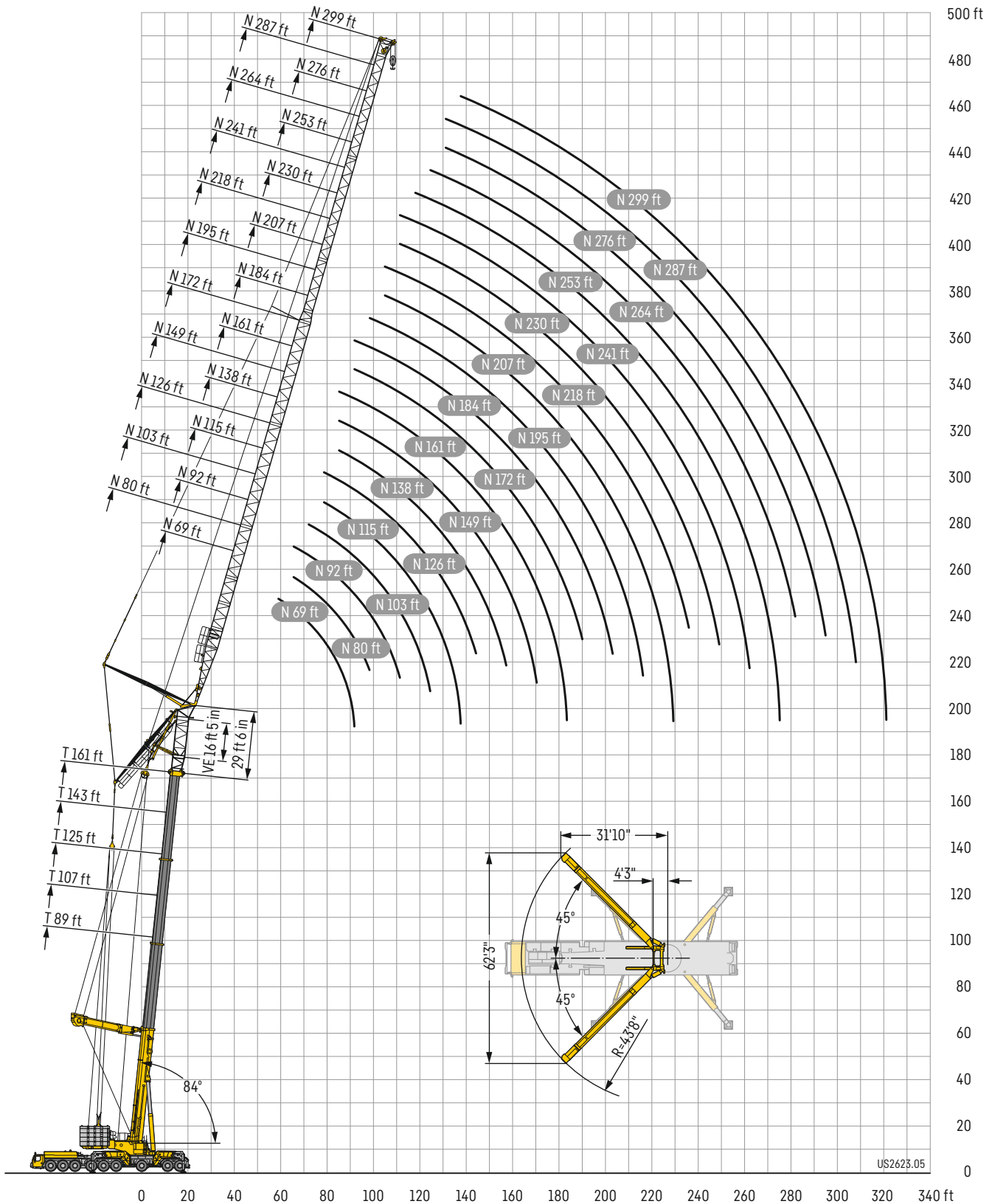
* adapter - pièce d'adaptateur

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Lifting heights

Hauteurs de levage

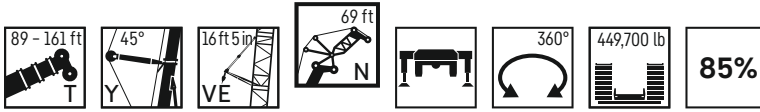
TYVEN



Lifting capacities

Forces de levage

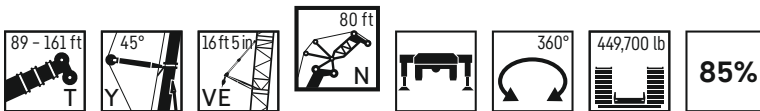
TYVEN 69 ft – 80 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-------|------|-----|
| | N 69 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 45 | 293.6 | | | | | | | | | | | | | | | 45 |
| 50 | 282.8 | | | 278.8 | | | | | | | | | | | | 50 |
| 55 | 269.6 | | | 265.5 | | | 259.5 | | | 252 | | | | | | 55 |
| 60 | 257.1 | | | 252.9 | | | 247.5 | | | 240.2 | | | 230.6 | | | 60 |
| 65 | 245.1 | | | 241.4 | | | 236.3 | | | 229.3 | | | 220.2 | | | 65 |
| 70 | 233.6 | 236.2 | | 229.2 | | | 223.8 | | | 219.3 | | | 210.5 | | | 70 |
| 75 | 221.9 | 222.4 | | 216.7 | 201.6 | | 211.6 | | | 209.8 | | | 201.5 | | | 75 |
| 80 | 204.5 | 210.1 | | 205.9 | 188.2 | | 200.6 | | | 200.4 | | | 193.1 | | | 80 |
| 85 | | 199 | | 197.2 | 176.7 | | 190.9 | 171.9 | | 190.6 | | | 185 | | | 85 |
| 90 | | 188.5 | | | 167 | | | 161.6 | | 181.9 | 161.7 | | 177.2 | | | 90 |
| 95 | | 177.8 | | | 158.3 | | | 152.7 | | | 152.5 | | | 150.6 | | 95 |
| 100 | | 168 | 152.6 | | 151.2 | | | 145.3 | | | 144.4 | | | 142.2 | | 100 |
| 105 | | | 144.7 | | | | | 138.6 | | | 137.3 | | | 134.9 | | 105 |
| 110 | | | 137.6 | | | 122.8 | | | | | 131.2 | | | 128.6 | | 110 |
| 115 | | | 130.9 | | | 115.8 | | | 111.2 | | | | | 122.8 | | 115 |
| 120 | | | | | | 109.8 | | | 104.5 | | | | | | | 120 |
| 125 | | | | | | 104.8 | | | 98.8 | | | 97.9 | | | | 125 |
| 130 | | | | | | | | | 94.2 | | | 92.5 | | | | 130 |
| 135 | | | | | | | | | | | | 87.9 | | | 85.8 | 135 |
| 140 | | | | | | | | | | | | 83.9 | | | 81.2 | 140 |
| 145 | | | | | | | | | | | | | | | 77.4 | 145 |

* adapter - pièce d'adaptateur

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| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-------|------|-----|
| | N 80 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 50 | 266.1 | | | | | | | | | | | | | | | 50 |
| 55 | 259.5 | | | 255 | | | 249.1 | | | | | | | | | 55 |
| 60 | 248.7 | | | 244.2 | | | 238.5 | | | 230.6 | | | | | | 60 |
| 65 | 238.4 | | | 233.9 | | | 228.5 | | | 221 | | | 209.8 | | | 65 |
| 70 | 228.5 | | | 224.3 | | | 219.1 | | | 212 | | | 203.1 | | | 70 |
| 75 | 219 | 219 | | 215 | | | 210.2 | | | 203.6 | | | 195 | | | 75 |
| 80 | 207 | 209.5 | | 204.5 | 194.9 | | 200.2 | | | 195.6 | | | 187.5 | | | 80 |
| 85 | 191.1 | 198.4 | | 194 | 181.1 | | 189.4 | | | 188 | | | 180.4 | | | 85 |
| 90 | 177.2 | 188.1 | | 184.4 | 170 | | 180.3 | 166.1 | | 180.6 | | | 173.6 | | | 90 |
| 95 | 164.9 | 177.6 | | 172.7 | 160.1 | | 172 | 156 | | 172.7 | 157.3 | | 167.1 | | | 95 |
| 100 | | 168.1 | | | 151.8 | | | 147.3 | | 165.2 | 147.8 | | | 147.4 | | 100 |
| 105 | | 159.3 | 144.1 | | 144.5 | | | 139.6 | | | 139.8 | | | 138.8 | | 105 |
| 110 | | 151.3 | 137 | | 138.3 | | | 133 | | | 132.7 | | | 131.4 | | 110 |
| 115 | | | 130.5 | | 132.9 | 121.2 | | 127.2 | | | 126.6 | | | 125 | | 115 |
| 120 | | | 124.5 | | | 113.8 | | 122.3 | | | 121.1 | | | 119.2 | | 120 |
| 125 | | | 118.9 | | | 107.5 | | | 103.3 | | 116.4 | | | 114.1 | | 125 |
| 130 | | | 113.7 | | | 102.1 | | | 97.1 | | | | | | | 130 |
| 135 | | | | | | 97.5 | | | 92 | | | 91.7 | | | | 135 |
| 140 | | | | | | | | | 87.6 | | | 86.7 | | | 85.8 | 140 |
| 145 | | | | | | | | | 83.9 | | | 82.4 | | | 80.6 | 145 |
| 150 | | | | | | | | | | | | 78.7 | | | 76.5 | 150 |
| 155 | | | | | | | | | | | | | | | 73 | 155 |
| 160 | | | | | | | | | | | | | | | 69.8 | 160 |

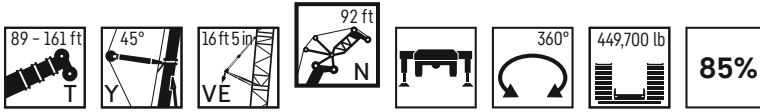
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

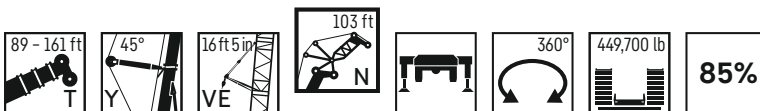
TYVEN 92 ft – 103 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-----|-----|-------------------|-------|-------|-----|
| | N 92 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 50 | 250.4 | | | | | | | | | | | | | | | 50 |
| 55 | 250.4 | | | 249.6 | | | | | | | | | | | | 55 |
| 60 | 244.3 | | | 240.2 | | | 233.8 | | | | | | | | | 60 |
| 65 | 234.1 | | | 229.9 | | | 224.5 | | | | | | 216.8 | | | 65 |
| 70 | 224.5 | | | 220.4 | | | 215.1 | | | | | | 208.2 | | 199 | 70 |
| 75 | 215.4 | | | 211.3 | | | 206.3 | | | | | | 199.8 | | 191.4 | 75 |
| 80 | 206.7 | 206.7 | | 201.1 | | | 196.8 | | | | | | 191.9 | | 183.9 | 80 |
| 85 | 196.3 | 197 | | 191.3 | 180.5 | | 187.1 | | | | | | 184.5 | | 176.8 | 85 |
| 90 | 182.1 | 186.3 | | 182.2 | 169.7 | | 178.2 | | | | | | 177.4 | | 170.1 | 90 |
| 95 | 169.5 | 176.4 | | 173.8 | 160.2 | | 170.3 | 155.9 | | | | | 170.7 | | 163.8 | 95 |
| 100 | 158.5 | 166.9 | | 165.3 | 151.6 | | 162.8 | 147.4 | | | | | 163.3 | 147.6 | 157.9 | 100 |
| 105 | | 158.2 | | 154.8 | 144 | | 156.2 | 139.7 | | | | | 156.3 | 139.8 | 152.1 | 105 |
| 110 | | 150.4 | | | 137.4 | | 150.7 | 132.9 | | | | | 150.2 | 132.8 | 146.6 | 110 |
| 115 | | 143.2 | 129.2 | | 131.4 | | | 126.8 | | | | | | 126.4 | | 115 |
| 120 | | 136.5 | 123.3 | | 126.2 | 115.4 | | 121.4 | | | | | | 120.8 | | 120 |
| 125 | | | 117.8 | | 121.9 | 108.8 | | 116.6 | | | | | | 115.7 | | 125 |
| 130 | | | 112.7 | | | 103.1 | | 112.5 | 99.2 | | | | | 111.1 | | 130 |
| 135 | | | 108 | | | 98 | | | 93.4 | | | | | 106.9 | | 135 |
| 140 | | | 103.5 | | | 93.7 | | | 88.7 | | | | | 87.9 | | 140 |
| 145 | | | | | | 89.9 | | | 84.5 | | | | | 83.2 | 101 | 145 |
| 150 | | | | | | | | | 80.9 | | | | | 79.2 | | 150 |
| 155 | | | | | | | | | 77.7 | | | | | 75.7 | | 155 |
| 160 | | | | | | | | | | | | | | 72.6 | | 160 |
| 165 | | | | | | | | | | | | | | | 67.1 | 165 |
| 170 | | | | | | | | | | | | | | | 64.5 | 170 |

* adapter - pièce d'adaptateur

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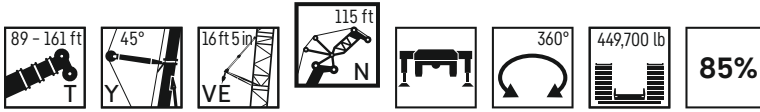
| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | | |
|-----|------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-----|-------------------|-----|-----|-------------------|-------|-------|-------|-----|
| | N 103 ft | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 55 | 226.6 | | | | | | | | | | | | | | | 55 | |
| 60 | 226.6 | | | 221.4 | | | | | | | | | | | | 60 | |
| 65 | 225.7 | | | 220.8 | | | 213.7 | | | | | | 206 | | | 65 | |
| 70 | 218.2 | | | 213.4 | | | 206.4 | | | | | | 198.8 | | | 70 | |
| 75 | 209.9 | | | 205.6 | | | 198.9 | | | | | | 191.9 | | 190.2 | 75 | |
| 80 | 202.1 | | | 197.8 | | | 191.8 | | | | | | 185.4 | | 177.4 | 80 | |
| 85 | 194.5 | 191.9 | | 188.8 | | | 184.8 | | | | | | 178.9 | | 171.4 | 85 | |
| 90 | 182.7 | 183.6 | | 180 | 172.6 | | 177.6 | | | | | | 172.4 | | 165.7 | 90 | |
| 95 | 170.3 | 174.1 | | 172.1 | 162.1 | | 169.8 | | | | | | 166.3 | | 159.8 | 95 | |
| 100 | 159.3 | 165.6 | | 164.8 | 153.3 | | 162.5 | 151 | | | | | 160.5 | | 154.4 | 100 | |
| 105 | 149.4 | 157.7 | | 155.5 | 145.6 | | 155.8 | 142.8 | | | | | 155 | 142.1 | 149.1 | 105 | |
| 110 | 140.7 | 150.2 | | 146.1 | 138.5 | | 149.8 | 135.9 | | | | | 149.6 | 135.7 | 144.1 | 110 | |
| 115 | 132.9 | 143 | | 137.7 | 132 | | 142.6 | 129.5 | | | | | 144.3 | 129.4 | 139.3 | 115 | |
| 120 | | 136.5 | 122.8 | 130.3 | 126.3 | | 134.7 | 123.6 | | | | | 139.1 | 123.5 | 134.5 | 120 | |
| 125 | | 130.4 | 117.4 | | 121.1 | | | 118.2 | | | | | | 118.1 | 129.8 | 115.2 | 125 |
| 130 | | 124.8 | 112.4 | | 116.6 | 106.2 | | 113.5 | | | | | | 113.1 | | 110.3 | 130 |
| 135 | | | 107.7 | | 112.7 | 101 | | 109.1 | | | | | | 108.6 | | 105.6 | 135 |
| 140 | | | 103.3 | | | 96 | | 105.5 | | | | | | 104.3 | | 101.4 | 140 |
| 145 | | | 99.3 | | | 91.6 | | | | | | | | 100.6 | 85.4 | 97.5 | 145 |
| 150 | | | 95.4 | | | 87.6 | | | | | | | | 84 | 82.1 | 94 | 150 |
| 155 | | | | | | 84.2 | | | | | | | | 80.2 | 78.9 | | 155 |
| 160 | | | | | | 81.2 | | | | | | | | 76.8 | 75.4 | | 160 |
| 165 | | | | | | | | | | | | | | | 72.2 | | 165 |
| 170 | | | | | | | | | | | | | | | 69.3 | | 170 |
| 175 | | | | | | | | | | | | | | | 66.8 | | 175 |
| 180 | | | | | | | | | | | | | | | | 60.6 | 180 |

* adapter - pièce d'adaptateur

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Lifting capacities Forces de levage

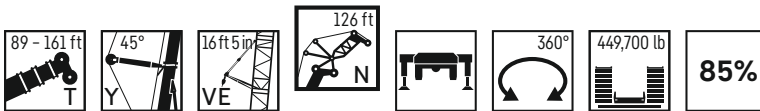
TYVEN 115 ft – 126 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | | | |
|-----|------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-----|-----|-------------------|-------|-------|-------|------|-----|
| | N 115 ft | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 60 | 203.8 | | | | | | | | | | | | | | | 60 | | |
| 65 | 203.8 | | | 194.5 | | | 195 | | | | | | | | | 65 | | |
| 70 | 203.5 | | | 194.5 | | | 194.1 | | | | | | 189.2 | | | 70 | | |
| 75 | 200.1 | | | 194.5 | | | 188.8 | | | | | | 183 | | 174.7 | 75 | | |
| 80 | 193.6 | | | 190.9 | | | 182.7 | | | | | | 177.4 | | 169.3 | 80 | | |
| 85 | 187 | | | 184.7 | | | 176.8 | | | | | | 171.8 | | 164 | 85 | | |
| 90 | 179.5 | 175.3 | | 177.2 | | | 171.2 | | | | | | 166.3 | | 158.9 | 90 | | |
| 95 | 170.5 | 170.9 | | 169.1 | 159 | | 165.6 | | | | | | 161.2 | | 154.2 | 95 | | |
| 100 | 159.4 | 162.7 | | 161.8 | 154.6 | | 160 | | | | | | 156.2 | | 149.6 | 100 | | |
| 105 | 149.2 | 155.1 | | 155.2 | 146.1 | | 154.6 | 143.7 | | | | | 151.2 | | 145 | 105 | | |
| 110 | 140.6 | 148.1 | | 146.3 | 138.7 | | 149.1 | 137.3 | | | | | 146.2 | 132.6 | 140.5 | 110 | | |
| 115 | 132.7 | 141.7 | | 137.6 | 132.4 | | 142.2 | 131.3 | | | | | 141.5 | 126.8 | 135.9 | 122.7 | 115 | |
| 120 | 125.6 | 135.7 | | 130.1 | 126.5 | | 134.1 | 125.8 | | | | | 136.8 | 121.6 | 131.8 | 117.6 | 120 | |
| 125 | 119.3 | 129.8 | 116.5 | 123.3 | 121.1 | | 126.8 | 120.5 | | | | | 131.7 | 116.7 | 127.7 | 112.9 | 125 | |
| 130 | | 124.2 | 111.5 | 117.1 | 116.1 | | 120.3 | 115.6 | | | | | 124.8 | 112.2 | 123.6 | 108.6 | 130 | |
| 135 | | 119.1 | 106.8 | | 111.6 | 100.7 | | 111 | | | | | 118.6 | 108 | 119.7 | 104.5 | 135 | |
| 140 | | 114.2 | 102.5 | | 107.5 | 96.7 | | 106.7 | | | | | | 104 | | 100.7 | 140 | |
| 145 | | | 98.5 | | 104.2 | 92.8 | | 102.8 | 88.2 | | | | | 99.9 | | 97.1 | 145 | |
| 150 | | | 94.7 | | 101.2 | 89 | | 98.9 | 84.8 | | | | | 96.1 | | 93.5 | 150 | |
| 155 | | | 91.2 | | | 85 | | 85 | 81.6 | | | | | 92.5 | 77.6 | 90 | 155 | |
| 160 | | | 87.8 | | | 81.5 | | 81.5 | 78.6 | | | | | | 74.8 | 86.6 | 160 | |
| 165 | | | | | | 78.3 | | | 75.8 | | | | | | 72.1 | | 68.6 | 165 |
| 170 | | | | | | 75.6 | | | | | | | | | 69.5 | | 66.2 | 170 |
| 175 | | | | | | | | | | | | | | | 67.1 | | 63.9 | 175 |
| 180 | | | | | | | | | | | | | | | 64.5 | | 61.5 | 180 |
| 185 | | | | | | | | | | | | | | | 62 | | 59 | 185 |
| 190 | | | | | | | | | | | | | | | | | 56.7 | 190 |

* adapter - pièce d'adaptateur

†198_207_00401_00_000



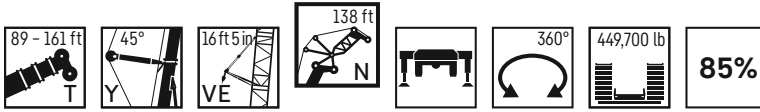
| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | | | | |
|-----|------------------|-------|-------|-------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-------|-------|-------|------|------|-----|
| | N 126 ft | | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | | |
| 65 | 182.3 | | | 181.9 | | | | | | | | | | | | 65 | | | |
| 70 | 182.3 | | | 181.9 | | | 175.2 | | | | | | | | | 70 | | | |
| 75 | 182.3 | | | 181.6 | | | 175.2 | | | | | | 173.1 | | | 75 | | | |
| 80 | 182.2 | | | 180.5 | | | 175.2 | | | | | | 171.3 | | | 80 | | | |
| 85 | 181 | | | 176.9 | | | 172.5 | | | | | | 166.1 | | 164.6 | 85 | | | |
| 90 | 177.6 | | | 171.2 | | | 167.1 | | | | | | 160.8 | | 154.2 | 90 | | | |
| 95 | 170.3 | 167.7 | | 165.7 | | | 161.9 | | | | | | 155.7 | | 149.4 | 95 | | | |
| 100 | 160.5 | 159.8 | | 160.5 | 153.4 | | 156.9 | | | | | | 151 | | 144.9 | 100 | | | |
| 105 | 150.8 | 152.2 | | 154.9 | 146.2 | | 152.1 | | | | | | 146.5 | | 140.6 | 105 | | | |
| 110 | 141.9 | 145.4 | | 146.5 | 139.7 | | 146.5 | 135 | | | | | 142.2 | | 136.5 | 110 | | | |
| 115 | 133.9 | 139.1 | | 138.3 | 133.6 | | 141.1 | 129.2 | | | | | 137.9 | 125.1 | 132.6 | 115 | | | |
| 120 | 126.8 | 133.3 | | 130.7 | 128.1 | | 135.7 | 123.9 | | | | | 133.6 | 120 | 128.8 | 120 | | | |
| 125 | 120.2 | 128 | | 123.7 | 123 | | 128.8 | 118.9 | | | | | 129.4 | 115.2 | 124.9 | 110.9 | 125 | | |
| 130 | 114.4 | 123 | | 117.5 | 118.2 | | 122.1 | 114.3 | | | | | 125.1 | 110.7 | 121 | 106.6 | 130 | | |
| 135 | 109 | 118.3 | 105.6 | 111.9 | 113.8 | | 116 | 110 | | | | | 119.6 | 106.6 | 117.3 | 102.6 | 135 | | |
| 140 | 100.8 | 113.6 | 101.6 | 106.8 | 109.6 | 95.5 | 110.6 | 106 | | | | | 113.7 | 102.7 | 113.7 | 98.9 | 140 | | |
| 145 | | 109.1 | 97.7 | | 105.4 | 92 | 105.6 | 102.3 | | | | | 108.4 | 99.1 | 110 | 95.4 | 145 | | |
| 150 | | 104.9 | 93.9 | | 101.3 | 88.6 | | 98.6 | 84.2 | | | | | 95.7 | | 92.2 | 150 | | |
| 155 | | 101 | 90.4 | | 97.5 | 85.2 | | 94.9 | 81.1 | | | | | 92.4 | | 89.1 | 155 | | |
| 160 | | | 87.1 | | 93.9 | 82.1 | | 91.4 | 78.2 | | | | | 89 | 74.5 | 86.2 | 160 | | |
| 165 | | | 84 | | | 79.2 | | 88.1 | 75.3 | | | | | 85.8 | 71.8 | 83.1 | 165 | | |
| 170 | | | 81 | | | 76.4 | | | 72.7 | | | | | 82.8 | 69.3 | 80.1 | 65.5 | 170 | |
| 175 | | | 78.2 | | | | | | | | | | | | 66.9 | | 77.3 | 63.2 | 175 |
| 180 | | | | | | | | | | | | | | | 64.6 | | 61 | 61 | 180 |
| 185 | | | | | | | | | | | | | | | 62.4 | | 59 | 59 | 185 |
| 190 | | | | | | | | | | | | | | | 60.4 | | 57 | 57 | 190 |
| 195 | | | | | | | | | | | | | | | | | 55.2 | 55.2 | 195 |
| 200 | | | | | | | | | | | | | | | | | 53.4 | 53.4 | 200 |
| 205 | | | | | | | | | | | | | | | | | 51.6 | 51.6 | 205 |

* adapter - pièce d'adaptateur

†198_207_00501_00_000

Lifting capacities Forces de levage

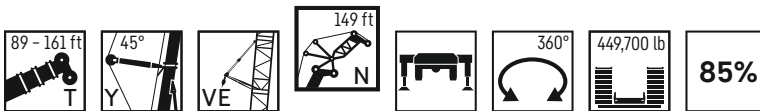
TYVEN 138 ft – 149 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-----|
| | N 138 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 65 | 166.1 | | | | | | | | | | | | | | | 65 |
| 70 | 166.1 | | | 160.7 | | | | | | | | | | | | 70 |
| 75 | 166.1 | | | 160.7 | | | 159.9 | | | 154.6 | | | | | | 75 |
| 80 | 166 | | | 160.7 | | | 159.9 | | | 154.6 | | | 150.7 | | | 80 |
| 85 | 164.8 | | | 160.7 | | | 159.9 | | | 154.6 | | | 150.2 | | | 85 |
| 90 | 163.2 | | | 160.7 | | | 158.1 | | | 153.8 | | | 147.9 | | | 90 |
| 95 | 161.2 | | | 159.7 | | | 153.5 | | | 149.8 | | | 143.4 | | | 95 |
| 100 | 157.1 | 152.3 | | 155.1 | | | 149.1 | | | 145.4 | | | 139.3 | | | 100 |
| 105 | 149.6 | 149.5 | | 150.3 | 143.5 | | 144.7 | | | 141.2 | | | 135.4 | | | 105 |
| 110 | 141.4 | 143 | | 145.1 | 137.1 | | 140.5 | | | 137.2 | | | 131.7 | | | 110 |
| 115 | 133.4 | 136.8 | | 138.2 | 131.2 | | 136.4 | 126.5 | | 133.4 | | | 128.1 | | | 115 |
| 120 | 126.2 | 131.1 | | 130.5 | 125.7 | | 132.5 | 121.3 | | 129.7 | 117 | | 124.6 | | | 120 |
| 125 | 119.7 | 125.8 | | 123.6 | 120.7 | | 127 | 116.4 | | 126.1 | 112.3 | | 121.3 | 108.7 | | 125 |
| 130 | 113.7 | 121 | | 117.3 | 116 | | 120.4 | 111.9 | | 122.5 | 108 | | 118.1 | 104.5 | | 130 |
| 135 | 108.3 | 116.4 | | 111.5 | 111.7 | | 114.3 | 107.7 | | 118.3 | 103.9 | | 114.9 | 100.6 | | 135 |
| 140 | 103.4 | 112.2 | 99.9 | 106.3 | 107.6 | | 108.8 | 103.8 | | 112.5 | 100.2 | | 111.6 | 96.9 | | 140 |
| 145 | 98.9 | 108.3 | 96.3 | 101.5 | 103.8 | | 103.8 | 100.2 | | 107.2 | 96.7 | | 108.3 | 93.5 | | 145 |
| 150 | 93.9 | 104.4 | 92.9 | 97.1 | 100.3 | 87 | 99.3 | 96.7 | | 102.3 | 93.3 | | 105.1 | 90.3 | | 150 |
| 155 | | 100.5 | 89.7 | | 96.9 | 84 | | 93.5 | | 90.2 | 90.2 | | 101.7 | 87.3 | | 155 |
| 160 | | 96.8 | 86.4 | | 93.4 | 81.2 | 95 | 90.5 | 76.6 | | 87.3 | | 97.4 | 84.5 | | 160 |
| 165 | | 93.4 | 83.3 | | 90 | 78.3 | | 87.3 | 74.1 | | 84.6 | | | 81.8 | | 165 |
| 170 | | | 80.4 | | 86.8 | 75.6 | | 84.3 | 71.6 | | 81.7 | 70 | | 79.3 | | 170 |
| 175 | | | 77.6 | | | 73 | | 81.4 | 69.1 | | 78.9 | 65.6 | | 76.8 | 62.1 | 175 |
| 180 | | | 75 | | | 70.5 | | | 66.8 | | 76.2 | 63.3 | | 74.2 | 60.2 | 180 |
| 185 | | | 72.5 | | | 68.1 | | | 64.5 | | | 61.2 | | 71.7 | 58.2 | 185 |
| 190 | | | | | | 65.9 | | | 62.4 | | | 59.2 | | | 56.2 | 190 |
| 195 | | | | | | 63.7 | | | 60.4 | | | 57.2 | | | 54.4 | 195 |
| 200 | | | | | | | | | 58.5 | | | 55.4 | | | 52.6 | 200 |
| 205 | | | | | | | | | | | | 53.6 | | | 50.9 | 205 |
| 210 | | | | | | | | | | | | 51.9 | | | 49.3 | 210 |
| 215 | | | | | | | | | | | | | | | 47.8 | 215 |

* adapter - pièce d'adaptateur

t_198_207_00601_00_000



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-----|
| | N 149 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 70 | 147.2 | | | | | | | | | | | | | | | 70 |
| 75 | 147.2 | | | 148.1 | | | 146.2 | | | | | | | | | 75 |
| 80 | 147.2 | | | 148.1 | | | 146.2 | | | 142.1 | | | | | | 80 |
| 85 | 147.2 | | | 148.1 | | | 145.8 | | | 141.2 | | | 136 | | | 85 |
| 90 | 147.2 | | | 146.9 | | | 144.6 | | | 140.2 | | | 135.1 | | | 90 |
| 95 | 146.9 | | | 145.6 | | | 143.6 | | | 139.3 | | | 134.4 | | | 95 |
| 100 | 145.7 | | | 144.4 | | | 141.8 | | | 138.4 | | | 133.6 | | | 100 |
| 105 | 144.6 | 138.8 | | 142.9 | | | 138.1 | | | 136.5 | | | 130.7 | | | 105 |
| 110 | 140.4 | 137.7 | | 138.8 | 132 | | 134.2 | | | 133 | | | 127.2 | | | 110 |
| 115 | 132.8 | 134.7 | | 134.6 | 129.4 | | 130.5 | 123.7 | | 129.4 | | | 123.8 | | | 115 |
| 120 | 126.2 | 129.2 | | 129.5 | 124.1 | | 127 | 119.7 | | 126 | | | 120.6 | | | 120 |
| 125 | 119.8 | 124 | | 123 | 119.2 | | 123.5 | 115 | | 122.6 | 110.6 | | 117.5 | | | 125 |
| 130 | 113.8 | 119.3 | | 116.8 | 114.6 | | 119.5 | 110.5 | | 119.4 | 106.3 | | 114.5 | 102.2 | | 130 |
| 135 | 108.4 | 114.8 | | 111 | 110.3 | | 113.9 | 106.4 | | 116.2 | 102.3 | | 111.6 | 98.4 | | 135 |
| 140 | 103.3 | 110.6 | | 105.8 | 106.3 | | 108.3 | 102.6 | | 111.9 | 98.6 | | 108.7 | 94.8 | | 140 |
| 145 | 98.6 | 106.7 | 94.9 | 100.9 | 102.6 | | 103.3 | 99 | | 107.1 | 95.2 | | 106.1 | 91.5 | | 145 |
| 150 | 94.4 | 103.1 | 91.6 | 96.5 | 99.1 | | 98.6 | 95.6 | | 102.2 | 91.9 | | 103.5 | 88.4 | | 150 |
| 155 | 90.4 | 99.7 | 88.4 | 92.4 | 95.8 | 82.9 | 94.4 | 92.4 | | 97.6 | 88.9 | | 100.3 | 85.4 | | 155 |
| 160 | 86.6 | 96.5 | 85.5 | 88.5 | 92.7 | 80.1 | 90.4 | 89.4 | | 93.4 | 86 | | 96.1 | 82.7 | | 160 |
| 165 | | 93.2 | 82.7 | 83.9 | 89.8 | 77.5 | 86.6 | 86.6 | 73.1 | 89.5 | 83.3 | | 92.1 | 80 | | 165 |
| 170 | | 89.9 | 80 | | 86.9 | 75.1 | | 84 | 70.8 | 85.7 | 80.7 | | 88.3 | 77.6 | | 170 |
| 175 | | 86.9 | 77.3 | | 83.9 | 72.7 | | 81.4 | 68.6 | | 78.3 | 64.5 | | 75.2 | | 175 |
| 180 | | 83.9 | 74.7 | | 81.1 | 70.3 | | 78.7 | 66.5 | | 76 | 62.5 | | 73.1 | | 180 |
| 185 | | | 72.2 | | 78.3 | 68 | | 76 | 64.4 | | 73.5 | 60.6 | | 71 | 56.8 | 185 |
| 190 | | | 69.9 | | | 65.8 | | | 62.3 | | 71.1 | 58.8 | | 68.8 | 55.1 | 190 |
| 195 | | | 67.7 | | | 63.6 | | | 60.2 | | | 56.9 | | 66.5 | 53.5 | 195 |
| 200 | | | 65.5 | | | 61.6 | | | 58.3 | | | 55.1 | | | 51.8 | 200 |
| 205 | | | | | | 59.7 | | | 56.5 | | | 53.3 | | | 50.2 | 205 |
| 210 | | | | | | | | | 54.7 | | | 51.7 | | | 48.6 | 210 |
| 215 | | | | | | | | | | | | 50.1 | | | 47.1 | 215 |
| 220 | | | | | | | | | | | | 48.5 | | | 45.6 | 220 |
| 225 | | | | | | | | | | | | | | | 44.2 | 225 |

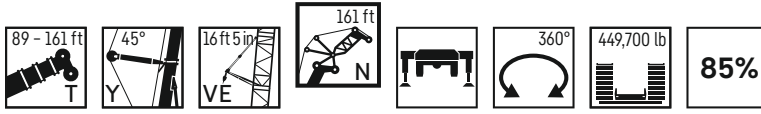
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

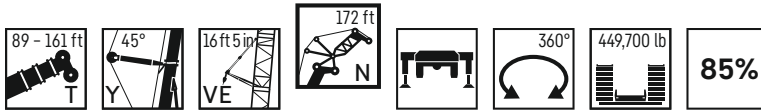
TYVEN 161 ft – 172 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-----|
| | N161 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 75 | 131.6 | | | 136.7 | | | | | | | | | | | | 75 |
| 80 | 131.6 | | | 136.2 | | | | | | | | | | | | 80 |
| 85 | 131.6 | | | 134.9 | | | | | | | | | | | | 85 |
| 90 | 131.6 | | | 133.7 | | | | | | | | | | | | 90 |
| 95 | 131.6 | | | 132.7 | | | | | | | | | | | | 95 |
| 100 | 131.6 | | | 131.6 | | | | | | | | | | | | 100 |
| 105 | 131.3 | | | 130.6 | | | | | | | | | | | | 105 |
| 110 | 130.4 | 125 | | 129.7 | | | | | | | | | | | | 110 |
| 115 | 129.5 | 123.9 | | 127.6 | 119.8 | | | | | | | | | | | 115 |
| 120 | 123.9 | 123 | | 123.8 | 118.2 | | | | | | | | | | | 120 |
| 125 | 117.9 | 121.4 | | 120 | 116.1 | | | | | | | | | | | 125 |
| 130 | 112.5 | 116.7 | | 114.7 | 112.3 | | | | | | | | | | | 130 |
| 135 | 107.3 | 112.3 | | 109.3 | 108.1 | | | | | | | | | | | 135 |
| 140 | 102.4 | 108.2 | | 104.3 | 104.1 | | | | | | | | | | | 140 |
| 145 | 97.7 | 104.4 | | 99.6 | 100.5 | | | | | | | | | | | 145 |
| 150 | 93.4 | 100.8 | | 95.2 | 97 | | | | | | | | | | | 150 |
| 155 | 89.5 | 97.5 | 86.3 | 91.1 | 93.8 | | | | | | | | | | | 155 |
| 160 | 85.8 | 94.3 | 83.4 | 87.3 | 90.8 | 78.2 | | | | | | | | | | 160 |
| 165 | 82.2 | 91.3 | 80.7 | 83.7 | 87.9 | 75.6 | | | | | | | | | | 165 |
| 170 | 79 | 88.5 | 78.2 | 80.3 | 85.2 | 73.2 | | | | | | | | | | 170 |
| 175 | 85.9 | 75.7 | 77 | 82.6 | 70.9 | 78.8 | | | | | | | | | | 175 |
| 180 | 85.1 | 73.4 | | 80.2 | 68.8 | 75.6 | | | | | | | | | | 180 |
| 185 | 79.9 | 71.2 | | 77.7 | 66.7 | 75 | | | | | | | | | | 185 |
| 190 | 76.8 | 68.9 | | 75.2 | 64.8 | 72.7 | | | | | | | | | | 190 |
| 195 | | 66.7 | | 72.8 | 62.7 | 70.4 | | | | | | | | | | 195 |
| 200 | | 64.6 | | | 60.7 | 68.2 | | | | | | | | | | 200 |
| 205 | | 62.6 | | | 58.8 | | | | | | | | | | | 205 |
| 210 | | | | | 57 | | | | | | | | | | | 210 |
| 215 | | | | | 55.2 | | | | | | | | | | | 215 |
| 220 | | | | | | | | | | | | | | | | 220 |
| 225 | | | | | | | | | | | | | | | | 225 |
| 230 | | | | | | | | | | | | | | | | 230 |
| 235 | | | | | | | | | | | | | | | | 235 |
| 240 | | | | | | | | | | | | | | | | 240 |

* adapter - pièce d'adaptateur

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| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-----|
| | N172 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 75 | 120.1 | | | | | | | | | | | | | | | 75 |
| 80 | 120.1 | | | 124.1 | | | | | | | | | | | | 80 |
| 85 | 120.1 | | | 123.2 | | | | | | | | | | | | 85 |
| 90 | 120.1 | | | 122.3 | | | | | | | | | | | | 90 |
| 95 | 120.1 | | | 121.3 | | | | | | | | | | | | 95 |
| 100 | 120.1 | | | 120.3 | | | | | | | | | | | | 100 |
| 105 | 120.1 | | | 119.6 | | | | | | | | | | | | 105 |
| 110 | 119.6 | | | 118.8 | | | | | | | | | | | | 110 |
| 115 | 118.9 | 113 | | 118 | | | | | | | | | | | | 115 |
| 120 | 118.3 | 112.3 | | 117.5 | 111.4 | | | | | | | | | | | 120 |
| 125 | 116 | 111.7 | | 116.8 | 110.7 | | | | | | | | | | | 125 |
| 130 | 112 | 111 | | 113.5 | 109.7 | | | | | | | | | | | 130 |
| 135 | 107.3 | 110.2 | | 109.1 | 106.2 | | | | | | | | | | | 135 |
| 140 | 102.6 | 106.5 | | 104.3 | 102.4 | | | | | | | | | | | 140 |
| 145 | 98.3 | 102.7 | | 99.9 | 98.8 | | | | | | | | | | | 145 |
| 150 | 94.2 | 99.2 | | 95.9 | 95.4 | | | | | | | | | | | 150 |
| 155 | 90.2 | 95.9 | | 91.9 | 92.2 | | | | | | | | | | | 155 |
| 160 | 86.5 | 92.8 | 82.1 | 88 | 89.2 | | | | | | | | | | | 160 |
| 165 | 82.9 | 89.9 | 79.4 | 84.4 | 86.4 | | | | | | | | | | | 165 |
| 170 | 79.6 | 87.1 | 76.9 | 81 | 83.7 | 71.9 | | | | | | | | | | 170 |
| 175 | 76.5 | 84.5 | 74.5 | 77.8 | 81.2 | 69.7 | | | | | | | | | | 175 |
| 180 | 73.7 | 82 | 72.2 | 74.8 | 78.8 | 67.5 | | | | | | | | | | 180 |
| 185 | 65.4 | 79.7 | 70.1 | 71.2 | 76.6 | 65.5 | | | | | | | | | | 185 |
| 190 | | 77.3 | 68 | | 74.4 | 63.6 | | | | | | | | | | 190 |
| 195 | | 74.5 | 66.1 | | 72.4 | 61.8 | | | | | | | | | | 195 |
| 200 | | 71.7 | 64.2 | | 70.2 | 60 | | | | | | | | | | 200 |
| 205 | | | 62.2 | | 68 | 58.3 | | | | | | | | | | 205 |
| 210 | | | 60.3 | | | 56.6 | | | | | | | | | | 210 |
| 215 | | | 58.5 | | | 54.9 | | | | | | | | | | 215 |
| 220 | | | 56.7 | | | 53.2 | | | | | | | | | | 220 |
| 225 | | | | | | 51.6 | | | | | | | | | | 225 |
| 230 | | | | | | | | | | | | | | | | 230 |
| 235 | | | | | | | | | | | | | | | | 235 |
| 240 | | | | | | | | | | | | | | | | 240 |
| 245 | | | | | | | | | | | | | | | | 245 |
| 250 | | | | | | | | | | | | | | | | 250 |

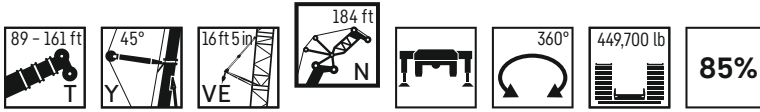
* adapter - pièce d'adaptateur

t_198_207_00901_00_000

Lifting capacities

Forces de levage

TYVEN 184 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | N184 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 80 | 107.9 | | | | | | | | | | | | | | | 80 |
| 85 | 107.9 | | | 112.3 | | | 110.4 | | | | | | | | | 85 |
| 90 | 107.9 | | | 111.5 | | | 109.7 | | | | | | | | | 90 |
| 95 | 107.9 | | | 110.6 | | | 109 | | | 105.7 | | | 99.5 | | | 95 |
| 100 | 107.9 | | | 109.8 | | | 108.2 | | | 105 | | | 99.5 | | | 100 |
| 105 | 107.9 | | | 109 | | | 107.6 | | | 104.5 | | | 99.5 | | | 105 |
| 110 | 107.9 | | | 108.2 | | | 106.9 | | | 103.9 | | | 99.5 | | | 110 |
| 115 | 107.9 | | | 107.5 | | | 106.2 | | | 103.3 | | | 99.5 | | | 115 |
| 120 | 107.7 | 102.3 | | 106.9 | | | 105.6 | | | 102.8 | | | 99.4 | | | 120 |
| 125 | 107.1 | 101.6 | | 106.4 | 100.8 | | 105.1 | | | 102.3 | | | 99.1 | | | 125 |
| 130 | 106.3 | 101.1 | | 105.9 | 100.3 | | 104.7 | 98.6 | | 101.9 | | | 98.8 | | | 130 |
| 135 | 104.5 | 100.6 | | 104.7 | 99.8 | | 104.2 | 98.2 | | 101.6 | | | 98.2 | | | 135 |
| 140 | 101.5 | 100.1 | | 102.7 | 99.3 | | 102.9 | 96.7 | | 101.2 | 93.1 | | 97.5 | | | 140 |
| 145 | 97.3 | 99.5 | | 98.9 | 97 | | 100 | 93.5 | | 99.9 | 89.9 | | 96.1 | 86.3 | | 145 |
| 150 | 93.3 | 97.5 | | 94.7 | 93.7 | | 96.2 | 90.3 | | 97.2 | 86.8 | | 94.1 | 83.3 | | 150 |
| 155 | 89.6 | 94.2 | | 91.1 | 90.5 | | 92.5 | 87.3 | | 94.5 | 83.9 | | 91.9 | 80.5 | | 155 |
| 160 | 86.2 | 91.2 | | 87.6 | 87.6 | | 89 | 84.4 | | 91.4 | 81.2 | | 89.8 | 77.9 | | 160 |
| 165 | 82.8 | 88.2 | | 84.2 | 84.8 | | 85.7 | 81.8 | | 87.8 | 78.6 | | 87.7 | 75.4 | | 165 |
| 170 | 79.5 | 85.5 | 75.4 | 80.9 | 82.2 | | 82.3 | 79.2 | | 84.5 | 76.2 | | 85.7 | 73.1 | | 170 |
| 175 | 76.3 | 82.9 | 73 | 77.7 | 79.7 | 68.2 | 79 | 76.8 | | 81.3 | 73.8 | | 83 | 70.8 | | 175 |
| 180 | 73.4 | 80.5 | 70.8 | 74.6 | 77.3 | 66.1 | 75.8 | 74.6 | | 78 | 71.6 | | 80 | 68.7 | | 180 |
| 185 | 70.6 | 78.2 | 68.7 | 71.7 | 75.1 | 64.1 | 72.9 | 72.4 | 60.3 | 74.9 | 69.6 | | 76.9 | 66.7 | | 185 |
| 190 | 68 | 75.9 | 66.6 | 69.1 | 73 | 62.2 | 70.2 | 70.3 | 58.5 | 72 | 67.6 | | 73.9 | 64.8 | | 190 |
| 195 | 61.9 | 73.8 | 64.7 | 66.5 | 71 | 60.4 | 67.6 | 68.4 | 56.8 | 69.3 | 65.7 | 53.3 | 71 | 63 | | 195 |
| 200 | | 71.4 | 62.9 | 58.9 | 69 | 58.7 | 64.8 | 66.5 | 55.1 | 66.8 | 63.9 | 51.7 | 68.3 | 61.3 | | 200 |
| 205 | | 68.7 | 61.2 | | 67.2 | 57.1 | | 64.8 | 53.6 | | 62.2 | 50.2 | 65.9 | 59.6 | 46.8 | 205 |
| 210 | | 66.3 | 59.5 | | 65.4 | 55.5 | | 63.1 | 52.1 | | 60.6 | 48.8 | | 58 | 45.5 | 210 |
| 215 | | | 57.9 | | 63.5 | 54 | | 61.5 | 50.7 | | 59 | 47.5 | | 56.6 | 44.2 | 215 |
| 220 | | | 56.1 | | | 52.6 | | 59.7 | 49.3 | | 57.6 | 46.2 | | 55.1 | 43 | 220 |
| 225 | | | 54.5 | | | 51 | | | 48 | | 55.9 | 44.9 | | 53.8 | 41.8 | 225 |
| 230 | | | 52.8 | | | 49.5 | | | 46.6 | | | 43.7 | | 52.3 | 40.7 | 230 |
| 235 | | | | | | 48 | | | 45.3 | | | 42.5 | | | 39.6 | 235 |
| 240 | | | | | | 46.6 | | | 43.9 | | | 41.3 | | | 38.5 | 240 |
| 245 | | | | | | | | | 42.6 | | | 40.1 | | | 37.4 | 245 |
| 250 | | | | | | | | | | | | 38.9 | | | 36.3 | 250 |
| 255 | | | | | | | | | | | | 37.7 | | | 35.2 | 255 |
| 260 | | | | | | | | | | | | | | | 34.2 | 260 |

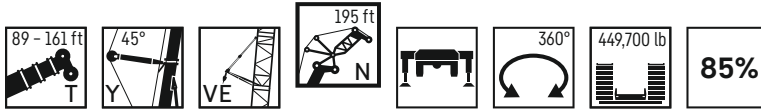
* adapter - pièce d'adaptateur

t_198_207_01001_00_000

Lifting capacities

Forces de levage

TYVEN 195 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 85 | 96.6 | | | 100.6 | | | | | | | | | | | | 85 |
| 90 | 96.6 | | | 100.6 | | | 99.4 | | | | | | | | | 90 |
| 95 | 96.6 | | | 100.4 | | | 98.9 | | | 95.4 | | | | | | 95 |
| 100 | 96.6 | | | 99.7 | | | 98.3 | | | 95.4 | | | 92.3 | | | 100 |
| 105 | 96.6 | | | 99 | | | 97.7 | | | 95.1 | | | 92 | | | 105 |
| 110 | 96.6 | | | 98.3 | | | 97 | | | 94.6 | | | 91.5 | | | 110 |
| 115 | 96.6 | | | 97.6 | | | 96.4 | | | 94 | | | 91 | | | 115 |
| 120 | 96.6 | | | 97 | | | 95.8 | | | 93.6 | | | 90.6 | | | 120 |
| 125 | 96.6 | 92.2 | | 96.5 | | | 95.3 | | | 93.1 | | | 90.2 | | | 125 |
| 130 | 96.6 | 91.8 | | 96 | 91 | | 94.9 | | | 92.7 | | | 89.9 | | | 130 |
| 135 | 96.2 | 91.3 | | 95.6 | 90.6 | | 94.5 | 89 | | 92.3 | | | 89.5 | | | 135 |
| 140 | 95.5 | 90.8 | | 95.1 | 90.1 | | 94.2 | 88.6 | | 92 | 85.7 | | 89.2 | | | 140 |
| 145 | 94.7 | 90.4 | | 94.6 | 89.7 | | 93.9 | 88.3 | | 91.7 | 85.4 | | 89 | | | 145 |
| 150 | 92 | 90 | | 93.2 | 89.4 | | 93.6 | 88.1 | | 91.6 | 85.1 | | 88.5 | 81.5 | | 150 |
| 155 | 88.3 | 89.7 | | 89.8 | 88.8 | | 91.3 | 85.8 | | 91.2 | 82.7 | | 87.3 | 79.4 | | 155 |
| 160 | 85 | 89.4 | | 86.3 | 86.2 | | 87.7 | 83 | | 88.9 | 80.1 | | 85.9 | 76.8 | | 160 |
| 165 | 81.9 | 86.9 | | 83.1 | 83.5 | | 84.4 | 80.4 | | 86.1 | 77.5 | | 84.4 | 74.4 | | 165 |
| 170 | 78.9 | 84.2 | | 80.1 | 80.9 | | 81.3 | 77.9 | | 82.9 | 75.1 | | 83 | 72.1 | | 170 |
| 175 | 76 | 81.7 | 71.9 | 77.2 | 78.5 | | 78.4 | 75.6 | | 79.8 | 72.9 | | 80.9 | 69.9 | | 175 |
| 180 | 73.1 | 79.3 | 69.7 | 74.3 | 76.2 | | 75.6 | 73.3 | | 77 | 70.7 | | 78.5 | 67.8 | | 180 |
| 185 | 70.4 | 77 | 67.6 | 71.4 | 73.9 | 63.1 | 72.6 | 71.2 | | 74.2 | 68.7 | | 75.8 | 65.8 | | 185 |
| 190 | 67.7 | 74.8 | 65.6 | 68.7 | 71.9 | 61.2 | 69.8 | 69.2 | 57.4 | 71.4 | 66.7 | | 73.1 | 63.9 | | 190 |
| 195 | 65.3 | 72.8 | 63.7 | 66.2 | 69.9 | 59.4 | 67.2 | 67.3 | 55.8 | 68.7 | 64.9 | | 70.3 | 62.2 | | 195 |
| 200 | 63 | 70.8 | 62 | 63.8 | 68 | 57.7 | 64.8 | 65.5 | 54.2 | 66.1 | 63.1 | 50.9 | 67.7 | 60.5 | | 200 |
| 205 | 58.9 | 68.4 | 60.2 | 61.6 | 66.2 | 56.1 | 62.5 | 63.7 | 52.6 | 63.8 | 61.4 | 49.4 | 65.2 | 58.8 | | 205 |
| 210 | | 65.9 | 58.6 | | 64.5 | 54.6 | 60.4 | 62.1 | 51.2 | 61.6 | 59.8 | 48.1 | 62.9 | 57.3 | 44.7 | 210 |
| 215 | | 63.6 | 57.1 | | 62.8 | 53.1 | | 60.5 | 49.8 | 58.6 | 58.2 | 46.7 | 60.7 | 55.8 | 43.5 | 215 |
| 220 | | 61.4 | 55.6 | | 61.3 | 51.7 | | 59 | 48.4 | | 56.8 | 45.5 | | 54.4 | 42.3 | 220 |
| 225 | | 59.3 | 54.1 | | 59.7 | 50.4 | | 57.5 | 47.2 | | 55.4 | 44.2 | | 53 | 41.1 | 225 |
| 230 | | | 52.7 | | | 49.1 | | 56.1 | 45.9 | | 54.1 | 43.1 | | 51.7 | 40 | 230 |
| 235 | | | 51.2 | | | 47.8 | | 54.5 | 44.8 | | 52.7 | 42 | | 50.5 | 39 | 235 |
| 240 | | | 49.7 | | | 46.4 | | | 43.6 | | | 40.9 | | 49.3 | 37.9 | 240 |
| 245 | | | 48.3 | | | 45.1 | | | 42.4 | | | 39.9 | | | 37 | 245 |
| 250 | | | | | | 43.8 | | | 41.2 | | | 38.8 | | | 36 | 250 |
| 255 | | | | | | | | | 40 | | | 37.7 | | | 35.1 | 255 |
| 260 | | | | | | | | | 38.9 | | | 36.6 | | | 34.1 | 260 |
| 265 | | | | | | | | | | | | 35.5 | | | 33.1 | 265 |
| 270 | | | | | | | | | | | | | | | 32.1 | 270 |
| 275 | | | | | | | | | | | | | | | 31.2 | 275 |

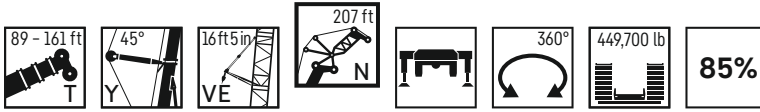
* adapter - pièce d'adaptateur

t_198_207_01101_00_000

Lifting capacities

Forces de levage

TYVEN 207 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 85 | 87.1 | | | | | | | | | | | | | | | 85 |
| 90 | 87.1 | | | 89.7 | | | 88.6 | | | | | | | | | 90 |
| 95 | 87.1 | | | 89.7 | | | 88.6 | | | | | | | | | 95 |
| 100 | 87.1 | | | 89.7 | | | 88.6 | | | 83.6 | | | | | | 100 |
| 105 | 87.1 | | | 89.7 | | | 88.6 | | | 83.6 | | | 83.1 | | | 105 |
| 110 | 87.1 | | | 89.5 | | | 88.4 | | | 83.6 | | | 83.1 | | | 110 |
| 115 | 87.1 | | | 88.8 | | | 87.8 | | | 83.6 | | | 83.1 | | | 115 |
| 120 | 87.1 | | | 88.3 | | | 87.3 | | | 83.6 | | | 82.8 | | | 120 |
| 125 | 87.1 | | | 87.8 | | | 86.8 | | | 83.6 | | | 82.4 | | | 125 |
| 130 | 87.1 | 83.4 | | 87.3 | | | 86.2 | | | 83.6 | | | 82 | | | 130 |
| 135 | 86.9 | 83 | | 86.6 | 82.4 | | 85.7 | | | 83.6 | | | 81.7 | | | 135 |
| 140 | 86.2 | 82.5 | | 85.7 | 81.9 | | 85 | 80.6 | | 83.3 | | | 81.3 | | | 140 |
| 145 | 85.3 | 82.1 | | 84.8 | 81.5 | | 84.1 | 80.2 | | 82.7 | 77.6 | | 80.8 | | | 145 |
| 150 | 84.4 | 81.7 | | 83.9 | 81.2 | | 83.2 | 79.9 | | 81.8 | 77.4 | | 80.1 | | | 150 |
| 155 | 83.4 | 81.3 | | 83 | 80.9 | | 82.3 | 79.7 | | 81.1 | 77.2 | | 79.3 | 74.3 | | 155 |
| 160 | 82.3 | 81.1 | | 82.1 | 80.6 | | 81.4 | 79.4 | | 80.3 | 77.1 | | 78.6 | 74.2 | | 160 |
| 165 | 80.9 | 80.8 | | 81.2 | 80.3 | | 80.6 | 78.8 | | 79.5 | 76.1 | | 77.9 | 73.2 | | 165 |
| 170 | 78.1 | 80.7 | | 79.3 | 79.3 | | 79.8 | 76.5 | | 78.7 | 73.7 | | 77.2 | 70.9 | | 170 |
| 175 | 75.4 | 80.1 | | 76.5 | 77 | | 77.6 | 74.2 | | 77.7 | 71.5 | | 76.6 | 68.8 | | 175 |
| 180 | 72.8 | 77.9 | 68.3 | 73.8 | 74.7 | | 74.9 | 72 | | 75.9 | 69.3 | | 75.6 | 66.7 | | 180 |
| 185 | 70.2 | 75.6 | 66.3 | 71.2 | 72.6 | | 72.3 | 69.9 | | 73.6 | 67.3 | | 74.3 | 64.8 | | 185 |
| 190 | 67.7 | 73.5 | 64.3 | 68.7 | 70.5 | 59.9 | 69.8 | 67.9 | | 71.2 | 65.4 | | 72.3 | 62.9 | | 190 |
| 195 | 65.2 | 71.4 | 62.5 | 66.2 | 68.5 | 58.2 | 67.3 | 66 | | 68.7 | 63.6 | | 69.9 | 61.2 | | 195 |
| 200 | 62.8 | 69.5 | 60.7 | 63.8 | 66.7 | 56.5 | 64.8 | 64.2 | 53 | 66.2 | 61.8 | | 67.4 | 59.5 | | 200 |
| 205 | 60.6 | 67.6 | 59 | 61.5 | 64.9 | 54.9 | 62.4 | 62.5 | 51.5 | 63.8 | 60.2 | 48.3 | 65 | 57.9 | | 205 |
| 210 | 58.5 | 65.8 | 57.4 | 59.4 | 63.2 | 53.4 | 60.2 | 60.8 | 50 | 61.4 | 58.6 | 46.9 | 62.6 | 56.3 | | 210 |
| 215 | 55.3 | 63.4 | 55.8 | 57.4 | 61.5 | 51.9 | 58.2 | 59.2 | 48.6 | 59.3 | 57.1 | 45.6 | 60.4 | 54.9 | 42.6 | 215 |
| 220 | | 61.2 | 54.4 | 54 | 60 | 50.5 | 56.2 | 57.7 | 47.3 | 57.3 | 55.6 | 44.4 | 58.3 | 53.5 | 41.4 | 220 |
| 225 | | 59.1 | 53 | | 58.5 | 49.2 | 51 | 56.3 | 46 | 55.1 | 54.2 | 43.1 | 56.3 | 52.1 | 40.3 | 225 |
| 230 | | 57.1 | 51.6 | | 57.1 | 47.9 | | 54.9 | 44.8 | | 52.9 | 42 | | 50.8 | 39.1 | 230 |
| 235 | | 55.2 | 50.3 | | 55.7 | 46.7 | | 53.6 | 43.6 | | 51.6 | 40.9 | | 49.6 | 38.1 | 235 |
| 240 | | | 49 | | 54.2 | 45.5 | | 52.3 | 42.5 | | 50.4 | 39.8 | | 48.4 | 37.1 | 240 |
| 245 | | | 47.7 | | | 44.4 | | 51 | 41.5 | | 49.2 | 38.8 | | 47.3 | 36.1 | 245 |
| 250 | | | 46.4 | | | 43.2 | | | 40.4 | | 48 | 37.8 | | 46.2 | 35.2 | 250 |
| 255 | | | 45.1 | | | 42 | | | 39.4 | | | 36.9 | | 45.1 | 34.3 | 255 |
| 260 | | | | | | 40.8 | | | 38.3 | | | 35.9 | | | 33.4 | 260 |
| 265 | | | | | | | | | 37.2 | | | 35 | | | 32.6 | 265 |
| 270 | | | | | | | | | 36.1 | | | 34 | | | 31.7 | 270 |
| 275 | | | | | | | | | | | | 33 | | | 30.8 | 275 |
| 280 | | | | | | | | | | | | | | | 29.9 | 280 |
| 285 | | | | | | | | | | | | | | | 29 | 285 |

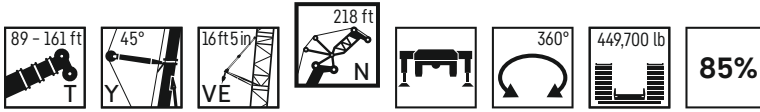
* adapter - pièce d'adaptateur

t_198_207_01201_00_000

Lifting capacities

Forces de levage

TYVEN 218 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 90 | 78.6 | | | | | | | | | | | | | | | 90 | |
| 95 | 78.6 | | | 80.3 | | | 79.2 | | | | | | | | | 95 | |
| 100 | 78.6 | | | 80.3 | | | 79.2 | | | | | | | | | 100 | |
| 105 | 78.6 | | | 80.3 | | | 79.2 | | | | 76.7 | | | 73.3 | | 105 | |
| 110 | 78.6 | | | 80.3 | | | 79.2 | | | | 76.7 | | | 73.3 | | 110 | |
| 115 | 78.6 | | | 80.3 | | | 79.2 | | | | 76.7 | | | 73.3 | | 115 | |
| 120 | 78.6 | | | 80.3 | | | 79.2 | | | | 76.7 | | | 73.3 | | 120 | |
| 125 | 78.6 | | | 80.1 | | | 79.1 | | | | 76.7 | | | 73.3 | | 125 | |
| 130 | 78.6 | | | 79.6 | | | 78.7 | | | | 76.7 | | | 73.3 | | 130 | |
| 135 | 78.6 | 75.5 | | 79.2 | | | 78.3 | | | | 76.7 | | | 73.3 | | 135 | |
| 140 | 78.6 | 75.3 | | 78.7 | 74.7 | | 77.9 | | | | 76.3 | | | 73.3 | | 140 | |
| 145 | 78.5 | 74.9 | | 78.1 | 74.3 | | 77.4 | 73.1 | | | 75.9 | | | 73.3 | | 145 | |
| 150 | 78 | 74.5 | | 77.5 | 74 | | 76.7 | 72.8 | | | 75.3 | 70.8 | | 73.3 | | 150 | |
| 155 | 77.3 | 74.2 | | 76.8 | 73.7 | | 76 | 72.5 | | | 74.7 | 70.5 | | 72.9 | 67.8 | 155 | |
| 160 | 76.5 | 73.9 | | 76.1 | 73.3 | | 75.4 | 72.2 | | | 74 | 70.3 | | 72.4 | 67.7 | 160 | |
| 165 | 75.8 | 73.6 | | 75.4 | 73.1 | | 74.7 | 72 | | | 73.4 | 70.2 | | 71.8 | 67.6 | 165 | |
| 170 | 75.1 | 73.3 | | 74.7 | 72.9 | | 74.1 | 71.8 | | | 72.8 | 70 | | 71.2 | 67.5 | 170 | |
| 175 | 73.8 | 73.1 | | 74 | 72.6 | | 73.5 | 71.6 | | | 72.2 | 69.7 | | 70.7 | 67.1 | 175 | |
| 180 | 71.3 | 73 | | 72.2 | 72.5 | | 72.5 | 70.3 | | | 71.6 | 68 | | 70.2 | 65.4 | 180 | |
| 185 | 68.9 | 72.8 | | 69.8 | 71 | | 70.6 | 68.3 | | | 70.5 | 66 | | 69.6 | 63.5 | 185 | |
| 190 | 66.6 | 71.9 | 62.8 | 67.5 | 68.9 | | 68.3 | 66.3 | | | 69.1 | 64.1 | | 68.9 | 61.6 | 190 | |
| 195 | 64.3 | 69.9 | 61 | 65.2 | 67 | 56.7 | 66.1 | 64.5 | | | 67 | 62.3 | | 67.9 | 59.9 | 195 | |
| 200 | 62.1 | 68 | 59.3 | 63 | 65.2 | 55.1 | 63.9 | 62.7 | | | 64.8 | 60.6 | | 65.8 | 58.2 | 200 | |
| 205 | 59.9 | 66.2 | 57.6 | 60.8 | 63.4 | 53.5 | 61.7 | 61 | 50 | | 62.6 | 58.9 | | 63.6 | 56.7 | 205 | |
| 210 | 57.7 | 64.4 | 56 | 58.6 | 61.7 | 52 | 59.5 | 59.4 | 48.6 | | 60.5 | 57.4 | | 61.5 | 55.1 | 210 | |
| 215 | 55.8 | 62.6 | 54.5 | 56.6 | 60.1 | 50.6 | 57.4 | 57.8 | 47.3 | | 58.3 | 55.9 | 44.4 | 59.3 | 53.7 | 215 | |
| 220 | 53.9 | 60.4 | 53.1 | 54.7 | 58.6 | 49.2 | 55.4 | 56.3 | 46 | | 56.3 | 54.4 | 43.2 | 57.2 | 52.3 | 40.2 | 220 |
| 225 | 51.5 | 58.3 | 51.7 | 52.9 | 57.1 | 47.9 | 53.6 | 54.9 | 44.7 | | 54.4 | 53 | 42 | 55.3 | 51 | 39.1 | 225 |
| 230 | 46.3 | 56.3 | 50.3 | 50.8 | 55.7 | 46.6 | 51.8 | 53.6 | 43.5 | | 52.6 | 51.7 | 40.9 | 53.4 | 49.7 | 38 | 230 |
| 235 | | 54.4 | 49 | | 54.4 | 45.4 | 48.5 | 52.3 | 42.4 | | 50.8 | 50.5 | 39.8 | 51.6 | 48.5 | 37 | 235 |
| 240 | | 52.6 | 47.8 | | 53.1 | 44.3 | | 51 | 41.3 | | | 49.2 | 38.7 | 49.4 | 47.3 | 36 | 240 |
| 245 | | 50.9 | 46.6 | | 51.8 | 43.2 | | 49.8 | 40.2 | | | 48.1 | 37.7 | | 46.2 | 35.1 | 245 |
| 250 | | | 45.5 | | 50.6 | 42.1 | | 48.7 | 39.2 | | | 47 | 36.7 | | 45.1 | 34.1 | 250 |
| 255 | | | 44.4 | | | 41.1 | | 47.6 | 38.2 | | | 45.9 | 35.8 | | 44.1 | 33.2 | 255 |
| 260 | | | 43.2 | | | 40.1 | | | 37.3 | | | 44.9 | 34.9 | | 43.1 | 32.4 | 260 |
| 265 | | | 42 | | | 39 | | | 36.4 | | | | 34 | | 42.2 | 31.6 | 265 |
| 270 | | | | | | 38 | | | 35.5 | | | | 33.2 | | | 30.8 | 270 |
| 275 | | | | | | 36.9 | | | 34.5 | | | | 32.4 | | | 30 | 275 |
| 280 | | | | | | | | | 33.5 | | | | | | | 29.3 | 280 |
| 285 | | | | | | | | | | | | | | | | 28.5 | 285 |
| 290 | | | | | | | | | | | | | | | | 27.7 | 290 |
| 295 | | | | | | | | | | | | | | | | 26.8 | 295 |

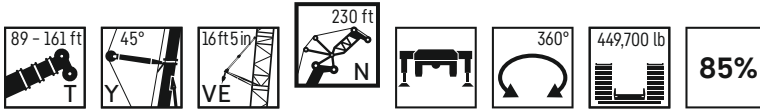
* adapter - pièce d'adaptateur

t_198_207_01301_00_000

Lifting capacities

Forces de levage

TYVEN 230 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 95 | 70.8 | | | 72 | | | | | | | | | | | | 95 |
| 100 | 70.8 | | | 72 | | | | | | | | | | | | 100 |
| 105 | 70.8 | | | 72 | | | 71.3 | | | | | | | | | 105 |
| 110 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 110 |
| 115 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 115 |
| 120 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 120 |
| 125 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 125 |
| 130 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 130 |
| 135 | 70.8 | | | 72 | | | 71.3 | | | 68.9 | | | 65.6 | | | 135 |
| 140 | 70.8 | 68.1 | | 71.7 | | | 70.9 | | | 68.9 | | | 65.6 | | | 140 |
| 145 | 70.8 | 68 | | 71.2 | 67.6 | | 70.5 | | | 68.9 | | | 65.6 | | | 145 |
| 150 | 70.8 | 67.8 | | 70.7 | 67.3 | | 70 | 66.2 | | 68.7 | | | 65.6 | | | 150 |
| 155 | 70.7 | 67.4 | | 70.3 | 66.9 | | 69.5 | 65.9 | | 68.2 | 64 | | 65.6 | | | 155 |
| 160 | 70.2 | 67.1 | | 69.7 | 66.6 | | 69 | 65.6 | | 67.7 | 63.8 | | 65.6 | 61.3 | | 160 |
| 165 | 69.5 | 66.8 | | 69.1 | 66.4 | | 68.4 | 65.4 | | 67.2 | 63.6 | | 65.6 | 61.2 | | 165 |
| 170 | 68.9 | 66.5 | | 68.4 | 66.1 | | 67.7 | 65.1 | | 66.6 | 63.4 | | 65.1 | 61.1 | | 170 |
| 175 | 68.2 | 66.3 | | 67.8 | 65.8 | | 67.1 | 64.9 | | 66 | 63.3 | | 64.6 | 61 | | 175 |
| 180 | 67.5 | 66.1 | | 67.2 | 65.6 | | 66.6 | 64.7 | | 65.5 | 63.2 | | 64 | 61 | | 180 |
| 185 | 66.3 | 65.9 | | 66.4 | 65.5 | | 66 | 64.6 | | 64.9 | 63 | | 63.5 | 60.8 | | 185 |
| 190 | 64.7 | 65.8 | | 65.1 | 65.4 | | 65.1 | 64.4 | | 64.3 | 62.2 | | 63.1 | 59.7 | | 190 |
| 195 | 62.8 | 65.7 | 59.2 | 63.6 | 65 | | 64 | 62.6 | | 63.7 | 60.4 | | 62.6 | 58 | | 195 |
| 200 | 60.7 | 65.5 | 57.5 | 61.5 | 63.4 | | 62.4 | 60.9 | | 63 | 58.8 | | 62.2 | 56.4 | | 200 |
| 205 | 58.7 | 64.4 | 55.9 | 59.5 | 61.7 | 51.8 | 60.3 | 59.2 | | 61.2 | 57.1 | | 61.6 | 54.9 | | 205 |
| 210 | 56.8 | 62.7 | 54.4 | 57.5 | 60 | 50.3 | 58.3 | 57.6 | 46.9 | 59.2 | 55.6 | | 60.1 | 53.4 | | 210 |
| 215 | 54.8 | 61.1 | 52.9 | 55.6 | 58.4 | 48.9 | 56.4 | 56.1 | 45.6 | 57.2 | 54.1 | | 58.1 | 52 | | 215 |
| 220 | 52.9 | 59.2 | 51.4 | 53.7 | 56.9 | 47.6 | 54.5 | 54.6 | 44.3 | 55.3 | 52.7 | 41.5 | 56.2 | 50.6 | | 220 |
| 225 | 51.1 | 57.3 | 50.1 | 51.8 | 55.5 | 46.3 | 52.6 | 53.3 | 43.1 | 53.4 | 51.4 | 40.4 | 54.3 | 49.3 | | 225 |
| 230 | 49.4 | 55.3 | 48.7 | 50.1 | 54.1 | 45 | 50.8 | 51.9 | 41.9 | 51.5 | 50.1 | 39.2 | 52.4 | 48 | 36.4 | 230 |
| 235 | 47.7 | 53.4 | 47.5 | 48.4 | 52.7 | 43.9 | 49.1 | 50.6 | 40.8 | 49.8 | 48.8 | 38.2 | 50.6 | 46.8 | 35.4 | 235 |
| 240 | 43.7 | 51.6 | 46.3 | 46.7 | 51.5 | 42.7 | 47.5 | 49.4 | 39.7 | 48.2 | 47.6 | 37.1 | 48.9 | 45.7 | 34.4 | 240 |
| 245 | | 49.9 | 45.1 | 42.2 | 50.3 | 41.6 | 45.6 | 48.2 | 38.7 | 46.6 | 46.5 | 36.1 | 47.3 | 44.6 | 33.5 | 245 |
| 250 | | 48.3 | 44 | | 49.1 | 40.6 | | 47.1 | 37.7 | | 45.4 | 35.2 | 45.6 | 43.5 | 32.6 | 250 |
| 255 | | 46.7 | 42.9 | | 48 | 39.6 | | 46 | 36.7 | | 44.3 | 34.3 | | 42.5 | 31.7 | 255 |
| 260 | | | 41.9 | | 46.6 | 38.6 | | 45 | 35.8 | | 43.3 | 33.4 | | 41.5 | 30.9 | 260 |
| 265 | | | 40.9 | | 45.2 | 37.7 | | 44 | 34.9 | | 42.3 | 32.6 | | 40.6 | 30 | 265 |
| 270 | | | 39.9 | | | 36.8 | | | 34.1 | | 41.4 | 31.7 | | 39.6 | 29.3 | 270 |
| 275 | | | 38.9 | | | 35.9 | | | 33.2 | | | 30.9 | | 38.8 | 28.5 | 275 |
| 280 | | | | | | 35 | | | 32.4 | | | 30.2 | | | 27.8 | 280 |
| 285 | | | | | | 34 | | | 31.6 | | | 29.5 | | | 27.1 | 285 |
| 290 | | | | | | | | | 30.7 | | | 28.7 | | | 26.4 | 290 |
| 295 | | | | | | | | | 29.9 | | | 27.9 | | | 25.8 | 295 |
| 300 | | | | | | | | | | | | 27.1 | | | 25.1 | 300 |
| 305 | | | | | | | | | | | | | | | 24.3 | 305 |

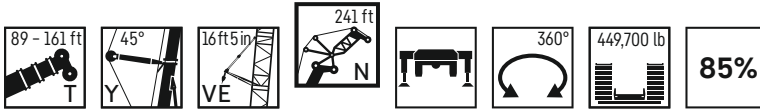
* adapter - pièce d'adaptateur

t_198_207_01401_00_000

Lifting capacities

Forces de levage

TYVEN 241 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 95 | 62.3 | | | | | | | | | | | | | | | 95 |
| 100 | 62.3 | | | 63.1 | | | | | | | | | | | | 100 |
| 105 | 62.3 | | | 63.1 | | | 62.3 | | | | | | | | | 105 |
| 110 | 62.3 | | | 63.1 | | | 62.3 | | | | | | | | | 110 |
| 115 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 115 |
| 120 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 120 |
| 125 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 125 |
| 130 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 130 |
| 135 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 135 |
| 140 | 62.3 | | | 63.1 | | | 62.3 | | | 60.6 | | | 58.6 | | | 140 |
| 145 | 62.3 | 60.3 | | 63 | | | 62.2 | | | 60.6 | | | 58.6 | | | 145 |
| 150 | 62.3 | 60.3 | | 62.5 | 60.5 | | 61.9 | | | 60.6 | | | 58.6 | | | 150 |
| 155 | 62.2 | 60.3 | | 62 | 60.1 | | 61.4 | 59.2 | | 60.2 | | | 58.6 | | | 155 |
| 160 | 61.7 | 60.2 | | 61.4 | 59.8 | | 60.9 | 58.9 | | 59.7 | 57.5 | | 58.5 | | | 160 |
| 165 | 61.2 | 59.9 | | 60.8 | 59.5 | | 60.3 | 58.6 | | 59.2 | 57.3 | | 58 | 55.2 | | 165 |
| 170 | 60.7 | 59.6 | | 60.4 | 59.3 | | 59.8 | 58.4 | | 58.7 | 57.1 | | 57.6 | 55.1 | | 170 |
| 175 | 60.2 | 59.4 | | 59.9 | 59 | | 59.4 | 58.2 | | 58.3 | 56.9 | | 57.2 | 55 | | 175 |
| 180 | 59.8 | 59.2 | | 59.4 | 58.8 | | 58.9 | 57.9 | | 57.8 | 56.8 | | 56.8 | 54.9 | | 180 |
| 185 | 59.3 | 58.9 | | 59 | 58.5 | | 58.5 | 57.8 | | 57.4 | 56.6 | | 56.4 | 54.8 | | 185 |
| 190 | 59 | 58.6 | | 58.6 | 58.3 | | 58.1 | 57.6 | | 57.1 | 56.4 | | 56.1 | 54.7 | | 190 |
| 195 | 58.6 | 58.4 | | 58.2 | 58.1 | | 57.7 | 57.4 | | 56.7 | 56.2 | | 55.7 | 54.6 | | 195 |
| 200 | 58.3 | 58.1 | 53.6 | 57.9 | 57.7 | | 57.4 | 57.2 | | 56.4 | 56 | | 55.4 | 54.5 | | 200 |
| 205 | 57.2 | 57.8 | 53.5 | 57.4 | 57.4 | | 57.1 | 56.9 | | 56.1 | 55.8 | | 55.1 | 54 | | 205 |
| 210 | 55.6 | 57.6 | 53.1 | 56.1 | 57.2 | 49 | 56.3 | 56.3 | | 55.8 | 54.9 | | 54.9 | 52.7 | | 210 |
| 215 | 53.8 | 57.3 | 51.6 | 54.5 | 56.8 | 47.7 | 55 | 54.8 | | 55.6 | 53.4 | | 54.7 | 51.3 | | 215 |
| 220 | 52.1 | 57.1 | 50.2 | 52.7 | 55.6 | 46.3 | 53.4 | 53.3 | 43.1 | 55.2 | 52 | | 54.5 | 50 | | 220 |
| 225 | 50.4 | 55.9 | 48.8 | 51 | 54.2 | 45.1 | 51.7 | 52 | 41.9 | 53.8 | 50.7 | 39.8 | 54.1 | 48.7 | | 225 |
| 230 | 48.7 | 54.3 | 47.5 | 49.4 | 52.8 | 43.9 | 50 | 50.6 | 40.7 | 52.1 | 49.4 | 38.7 | 52.8 | 47.4 | | 230 |
| 235 | 47.1 | 52.5 | 46.3 | 47.7 | 51.5 | 42.7 | 48.4 | 49.4 | 39.6 | 50.3 | 48.2 | 37.6 | 51.1 | 46.2 | 34.9 | 235 |
| 240 | 45.6 | 50.8 | 45.1 | 46.1 | 50.2 | 41.6 | 46.8 | 48.2 | 38.5 | 48.6 | 47 | 36.6 | 49.4 | 45.1 | 33.9 | 240 |
| 245 | 44.1 | 49.2 | 44 | 44.7 | 49 | 40.5 | 45.2 | 47 | 37.5 | 47 | 45.8 | 35.6 | 47.7 | 44 | 33 | 245 |
| 250 | 41.2 | 47.5 | 42.9 | 43.2 | 47.9 | 39.4 | 43.8 | 45.9 | 36.5 | 45.5 | 44.7 | 34.7 | 46.1 | 42.9 | 32.1 | 250 |
| 255 | 36.1 | 46 | 41.8 | 40 | 46.7 | 38.4 | 42.3 | 44.8 | 35.6 | 44 | 43.7 | 33.8 | 44.6 | 41.9 | 31.2 | 255 |
| 260 | | 44.5 | 40.8 | | 45.6 | 37.5 | | 43.8 | 34.7 | 41 | 42.6 | 32.9 | 43 | 40.9 | 30.4 | 260 |
| 265 | | 43.1 | 39.8 | | 44.3 | 36.6 | | 42.8 | 33.8 | | 41.7 | 32 | | 39.9 | 29.6 | 265 |
| 270 | | 41.6 | 38.9 | | 42.9 | 35.7 | | 41.8 | 33 | | 40.7 | 31.2 | | 39 | 28.8 | 270 |
| 275 | | | 38 | | 41.7 | 34.8 | | 40.9 | 32.1 | | 39.8 | 30.4 | | 38.1 | 28.1 | 275 |
| 280 | | | 37.1 | | | 34 | | 40.1 | 31.4 | | 38.9 | 29.7 | | 37.3 | 27.3 | 280 |
| 285 | | | 36.2 | | | 33.2 | | | 30.6 | | 38.1 | 28.9 | | 36.5 | 26.6 | 285 |
| 290 | | | 35.3 | | | 32.4 | | | 29.9 | | | 28.2 | | 35.7 | 25.9 | 290 |
| 295 | | | | | | 31.6 | | | 29.2 | | | 27.5 | | | 25.3 | 295 |
| 300 | | | | | | | | | 28.5 | | | 26.8 | | | 24.7 | 300 |
| 305 | | | | | | | | | 27.6 | | | 26.2 | | | 24 | 305 |
| 310 | | | | | | | | | | | | 25.4 | | | 23.4 | 310 |
| 315 | | | | | | | | | | | | | | | 22.7 | 315 |
| 320 | | | | | | | | | | | | | | | 22 | 320 |

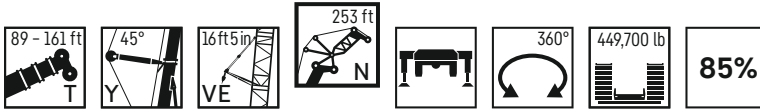
* adapter - pièce d'adaptateur

t_198_207_01501_00_000

Lifting capacities

Forces de levage

TYVEN 253 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 100 | 56.8 | | | | | | | | | | | | | | | 100 |
| 105 | 56.8 | | | 57.4 | | | | | | | | | | | | 105 |
| 110 | 56.8 | | | 57.4 | | | 56.9 | | | | | | | | | 110 |
| 115 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | | | | 115 |
| 120 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 120 |
| 125 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 125 |
| 130 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 130 |
| 135 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 135 |
| 140 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 140 |
| 145 | 56.8 | | | 57.4 | | | 56.9 | | | 54.2 | | | 50.4 | | | 145 |
| 150 | 56.8 | 54.4 | | 57.2 | | | 56.7 | | | 54.2 | | | 50.4 | | | 150 |
| 155 | 56.8 | 54.4 | | 56.9 | 54.9 | | 56.4 | | | 54.2 | | | 50.4 | | | 155 |
| 160 | 56.5 | 54.4 | | 56.4 | 54.6 | | 55.9 | 53.7 | | 54.2 | | | 50.4 | | | 160 |
| 165 | 56.1 | 54.4 | | 55.9 | 54.3 | | 55.4 | 53.5 | | 54.2 | 52 | | 50.4 | | | 165 |
| 170 | 55.7 | 54.3 | | 55.4 | 54 | | 55 | 53.2 | | 54.1 | 51.8 | | 50.4 | 49.9 | | 170 |
| 175 | 55.2 | 54 | | 55 | 53.8 | | 54.5 | 53 | | 53.7 | 51.6 | | 50.4 | 49.8 | | 175 |
| 180 | 54.8 | 53.8 | | 54.5 | 53.5 | | 54.1 | 52.8 | | 53.3 | 51.4 | | 50.4 | 49.7 | | 180 |
| 185 | 54.3 | 53.5 | | 54.1 | 53.2 | | 53.7 | 52.5 | | 52.9 | 51.3 | | 50.4 | 49.6 | | 185 |
| 190 | 53.9 | 53.3 | | 53.7 | 53 | | 53.3 | 52.4 | | 52.5 | 51.2 | | 50.4 | 49.4 | | 190 |
| 195 | 53.6 | 53.1 | | 53.3 | 52.9 | | 52.9 | 52.2 | | 52.2 | 51 | | 50.4 | 49.4 | | 195 |
| 200 | 53.2 | 52.9 | | 52.9 | 52.7 | | 52.6 | 52.1 | | 51.8 | 50.9 | | 50.4 | 49.3 | | 200 |
| 205 | 52.9 | 52.7 | | 52.6 | 52.4 | | 52.2 | 51.9 | | 51.5 | 50.8 | | 50.4 | 49.3 | | 205 |
| 210 | 52.6 | 52.5 | 48.4 | 52.3 | 52.2 | | 51.9 | 51.7 | | 51.2 | 50.7 | | 50.4 | 49.2 | | 210 |
| 215 | 52.1 | 52.2 | 48.3 | 52 | 52 | 46.6 | 51.7 | 51.5 | | 51 | 50.6 | | 50.1 | 49.1 | | 215 |
| 220 | 51.5 | 52 | 48.1 | 51.5 | 51.8 | 45.3 | 51.4 | 51.3 | | 50.7 | 50.4 | | 49.9 | 48.3 | | 220 |
| 225 | 50.2 | 51.8 | 47.7 | 50.8 | 51.5 | 44.1 | 51 | 50.8 | 40.9 | 50.6 | 49.1 | | 49.7 | 47 | | 225 |
| 230 | 48.6 | 51.6 | 46.5 | 49.2 | 51.3 | 42.9 | 49.9 | 49.6 | 39.7 | 50.3 | 47.8 | | 49.5 | 45.8 | | 230 |
| 235 | 47.1 | 51.2 | 45.3 | 47.7 | 50.5 | 41.7 | 48.3 | 48.4 | 38.7 | 49 | 46.6 | 36 | 49.2 | 44.6 | | 235 |
| 240 | 45.6 | 50.6 | 44.1 | 46.2 | 49.2 | 40.6 | 46.8 | 47.2 | 37.6 | 47.5 | 45.4 | 35 | 48.2 | 43.5 | 32.3 | 240 |
| 245 | 44.1 | 49.1 | 43 | 44.7 | 48 | 39.5 | 45.3 | 46 | 36.6 | 46 | 44.3 | 34.1 | 46.7 | 42.4 | 31.4 | 245 |
| 250 | 42.7 | 47.5 | 41.9 | 43.2 | 46.8 | 38.5 | 43.9 | 44.9 | 35.6 | 44.5 | 43.2 | 33.2 | 45.2 | 41.4 | 30.6 | 250 |
| 255 | 41.2 | 46 | 40.8 | 41.9 | 45.7 | 37.5 | 42.4 | 43.8 | 34.7 | 43 | 42.2 | 32.3 | 43.7 | 40.4 | 29.7 | 255 |
| 260 | 38.3 | 44.5 | 39.8 | 40.4 | 44.7 | 36.6 | 41 | 42.8 | 33.8 | 41.7 | 41.2 | 31.4 | 42.3 | 39.4 | 28.9 | 260 |
| 265 | 33.8 | 43.1 | 38.8 | 37.5 | 43.6 | 35.6 | 39.7 | 41.8 | 32.9 | 40.3 | 40.2 | 30.6 | 40.9 | 38.4 | 28.1 | 265 |
| 270 | | 41.7 | 37.9 | | 42.6 | 34.7 | 36.1 | 40.8 | 32.1 | 38.4 | 39.2 | 29.8 | 39.6 | 37.5 | 27.3 | 270 |
| 275 | | 40.3 | 37 | | 41.5 | 33.9 | | 39.9 | 31.2 | | 38.4 | 29 | 36.5 | 36.7 | 26.6 | 275 |
| 280 | | 39 | 36.1 | | 40.2 | 33 | | 39 | 30.5 | | 37.5 | 28.3 | | 35.8 | 25.9 | 280 |
| 285 | | | 35.2 | | 39 | 32.2 | | 38.1 | 29.7 | | 36.6 | 27.5 | | 35 | 25.2 | 285 |
| 290 | | | 34.4 | | | 31.5 | | 37.3 | 29 | | 35.8 | 26.8 | | 34.2 | 24.5 | 290 |
| 295 | | | 33.6 | | | 30.7 | | | 28.2 | | 35.1 | 26.1 | | 33.5 | 23.9 | 295 |
| 300 | | | 32.8 | | | 30 | | | 27.6 | | | 25.5 | | 32.8 | 23.3 | 300 |
| 305 | | | | | | 29.3 | | | 26.9 | | | 24.8 | | | 22.7 | 305 |
| 310 | | | | | | 28.5 | | | 26.3 | | | 24.2 | | | 22.1 | 310 |
| 315 | | | | | | | | | 25.5 | | | 23.6 | | | 21.5 | 315 |
| 320 | | | | | | | | | | | | 23 | | | 21 | 320 |
| 325 | | | | | | | | | | | | 22.3 | | | 20.4 | 325 |
| 330 | | | | | | | | | | | | | | | 19.8 | 330 |

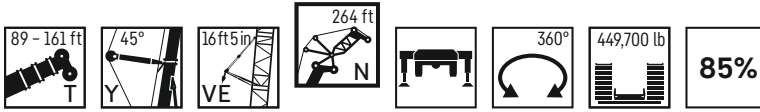
* adapter - pièce d'adaptateur

t_198_207_01601_00_000

Lifting capacities

Forces de levage

TYVEN 264 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 105 | 51.1 | | | 51.9 | | | | | | | | | | | | 105 |
| 110 | 51.1 | | | 51.9 | | | 50.7 | | | | | | | | | 110 |
| 115 | 51.1 | | | 51.9 | | | 50.7 | | | | | | | | | 115 |
| 120 | 51.1 | | | 51.9 | | | 50.7 | | | 48.9 | | | | | | 120 |
| 125 | 51.1 | | | 51.9 | | | 50.7 | | | 48.9 | | | 46.1 | | | 125 |
| 130 | 51.1 | | | 51.9 | | | 50.7 | | | 48.9 | | | 46.1 | | | 130 |
| 135 | 51.1 | | | 51.9 | | | 50.7 | | | 48.9 | | | 46.1 | | | 135 |
| 140 | 51.1 | | | 51.9 | | | 50.7 | | | 48.9 | | | 46.1 | | | 140 |
| 145 | 51 | | | 51.9 | | | 50.7 | | | 48.9 | | | 46.1 | | | 145 |
| 150 | 50.7 | | | 51.7 | | | 50.7 | | | 48.9 | | | 46.1 | | | 150 |
| 155 | 50.5 | 48.8 | | 51 | | | 50.6 | | | 48.9 | | | 46.1 | | | 155 |
| 160 | 50.2 | 48.8 | | 50.4 | 49.6 | | 50 | | | 48.9 | | | 46.1 | | | 160 |
| 165 | 49.8 | 48.8 | | 49.8 | 49.3 | | 49.4 | 48.5 | | 48.7 | | | 46.1 | | | 165 |
| 170 | 49.3 | 48.8 | | 49.2 | 49 | | 48.9 | 48.3 | | 48.1 | 47 | | 46.1 | | | 170 |
| 175 | 48.8 | 48.6 | | 48.6 | 48.6 | | 48.3 | 48 | | 47.6 | 46.8 | | 46.1 | 45.1 | | 175 |
| 180 | 48.2 | 48.2 | | 48.1 | 48.1 | | 47.7 | 47.6 | | 47.1 | 46.6 | | 46.1 | 44.9 | | 180 |
| 185 | 47.7 | 47.7 | | 47.5 | 47.7 | | 47.2 | 47.2 | | 46.6 | 46.2 | | 45.7 | 44.8 | | 185 |
| 190 | 47.1 | 47.2 | | 47 | 47.2 | | 46.7 | 46.8 | | 46 | 45.8 | | 45.2 | 44.5 | | 190 |
| 195 | 46.5 | 46.8 | | 46.4 | 46.7 | | 46.1 | 46.4 | | 45.5 | 45.5 | | 44.8 | 44.2 | | 195 |
| 200 | 46 | 46.4 | | 45.8 | 46.3 | | 45.6 | 45.9 | | 45 | 45.1 | | 44.3 | 43.9 | | 200 |
| 205 | 45.4 | 45.9 | | 45.3 | 45.8 | | 45.1 | 45.5 | | 44.6 | 44.7 | | 43.8 | 43.6 | | 205 |
| 210 | 44.9 | 45.4 | | 44.8 | 45.4 | | 44.6 | 45.1 | | 44.1 | 44.4 | | 43.4 | 43.3 | | 210 |
| 215 | 44.5 | 45 | 43.4 | 44.3 | 45 | | 44.1 | 44.7 | | 43.6 | 44 | | 42.9 | 43 | | 215 |
| 220 | 44 | 44.6 | 43.1 | 43.9 | 44.5 | | 43.7 | 44.3 | | 43.2 | 43.6 | | 42.5 | 42.7 | | 220 |
| 225 | 43.6 | 44.2 | 42.7 | 43.4 | 44.1 | 42.5 | 43.3 | 43.9 | | 42.7 | 43.3 | | 42.1 | 42.4 | | 225 |
| 230 | 43.1 | 43.8 | 42.5 | 43 | 43.7 | 41.8 | 42.8 | 43.6 | 38.7 | 42.3 | 43 | | 41.7 | 42.1 | | 230 |
| 235 | 42.7 | 43.4 | 42.2 | 42.6 | 43.3 | 40.7 | 42.4 | 43.2 | 37.6 | 42 | 42.6 | | 41.4 | 41.8 | | 235 |
| 240 | 42.4 | 43 | 42 | 42.2 | 43 | 39.6 | 42 | 42.8 | 36.6 | 41.6 | 42.3 | 34.1 | 41 | 41.6 | | 240 |
| 245 | 42.1 | 42.7 | 41.7 | 41.9 | 42.6 | 38.5 | 41.7 | 42.5 | 35.6 | 41.3 | 42 | 33.1 | 40.7 | 41.2 | | 245 |
| 250 | 41.6 | 42.3 | 40.9 | 41.6 | 42.3 | 37.5 | 41.4 | 42.2 | 34.7 | 41 | 41.7 | 32.2 | 40.4 | 40.3 | 29.6 | 250 |
| 255 | 40.6 | 42.1 | 39.8 | 41 | 42 | 36.5 | 41.2 | 41.9 | 33.7 | 40.7 | 41.1 | 31.3 | 40.2 | 39.3 | 28.8 | 255 |
| 260 | 39.3 | 41.8 | 38.8 | 39.8 | 41.7 | 35.6 | 40.4 | 41.5 | 32.8 | 40.5 | 40.1 | 30.5 | 40 | 38.4 | 28 | 260 |
| 265 | 38.1 | 41.5 | 37.9 | 38.6 | 41.5 | 34.7 | 39.1 | 40.8 | 32 | 39.6 | 39.2 | 29.7 | 39.7 | 37.4 | 27.2 | 265 |
| 270 | 35.9 | 40.9 | 37 | 37.3 | 41.3 | 33.8 | 37.8 | 39.8 | 31.2 | 38.4 | 38.3 | 28.9 | 39 | 36.5 | 26.4 | 270 |
| 275 | 32.1 | 39.7 | 36 | 35.3 | 40.6 | 33 | 36.6 | 38.9 | 30.3 | 37.2 | 37.4 | 28.1 | 37.7 | 35.7 | 25.7 | 275 |
| 280 | | 38.4 | 35.2 | | 39.6 | 32.1 | 34.1 | 38 | 29.6 | 35.7 | 36.5 | 27.4 | 36.5 | 34.8 | 25 | 280 |
| 285 | | 37.2 | 34.3 | | 38.3 | 31.3 | | 37.1 | 28.8 | 32.2 | 35.7 | 26.7 | 34.6 | 34 | 24.3 | 285 |
| 290 | | 36 | 33.5 | | 37.1 | 30.6 | | 36.3 | 28.1 | | 34.9 | 25.9 | | 33.3 | 23.7 | 290 |
| 295 | | 34 | 32.7 | | 36 | 29.9 | | 35.5 | 27.4 | | 34.1 | 25.3 | | 32.5 | 23.1 | 295 |
| 300 | | | 32 | | | 29.1 | | 34.8 | 26.7 | | 33.4 | 24.6 | | 31.8 | 22.4 | 300 |
| 305 | | | 31.2 | | | 28.4 | | | 26.1 | | 32.7 | 24 | | 31.1 | 21.8 | 305 |
| 310 | | | 30.5 | | | 27.8 | | | 25.4 | | | 23.4 | | 30.5 | 21.3 | 310 |
| 315 | | | | | | 27.1 | | | 24.8 | | | 22.8 | | | 20.7 | 315 |
| 320 | | | | | | 26.5 | | | 24.2 | | | 22.2 | | | 20.2 | 320 |
| 325 | | | | | | | | | 23.6 | | | 21.7 | | | 19.6 | 325 |
| 330 | | | | | | | | | | | | 21.2 | | | 19.1 | 330 |
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| 340 | | | | | | | | | | | | | | | 18.1 | 340 |

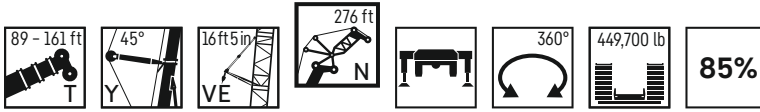
* adapter - pièce d'adaptateur

t_198_207_01701_00_000

Lifting capacities

Forces de levage

TYVEN 276 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 110 | 46.2 | | | 46.6 | | | | | | | | | | | | 110 |
| 115 | 46.2 | | | 46.6 | | | 45.2 | | | | | | | | | 115 |
| 120 | 46.2 | | | 46.6 | | | 45.2 | | | 41.8 | | | | | | 120 |
| 125 | 46.2 | | | 46.6 | | | 45.2 | | | 41.8 | | | | | | 125 |
| 130 | 46.2 | | | 46.6 | | | 45.2 | | | 41.8 | | | | | | 130 |
| 135 | 46.2 | | | 46.6 | | | 45.2 | | | 41.8 | | | 40.5 | | | 135 |
| 140 | 46.2 | | | 46.6 | | | 45.2 | | | 41.8 | | | 40.5 | | | 140 |
| 145 | 46 | | | 46.6 | | | 45.2 | | | 41.8 | | | 40.5 | | | 145 |
| 150 | 45.8 | | | 46.6 | | | 45.2 | | | 41.8 | | | 40.5 | | | 150 |
| 155 | 45.6 | | | 46.6 | | | 45.2 | | | 41.8 | | | 40.5 | | | 155 |
| 160 | 45.4 | 43.9 | | 46.2 | | | 45.2 | | | 41.8 | | | 40.5 | | | 160 |
| 165 | 45.2 | 43.9 | | 45.7 | 44.8 | | 45.1 | | | 41.8 | | | 40.5 | | | 165 |
| 170 | 44.9 | 43.9 | | 45.2 | 44.5 | | 44.8 | 43.8 | | 41.8 | | | 40.5 | | | 170 |
| 175 | 44.5 | 43.9 | | 44.7 | 44.2 | | 44.3 | 43.5 | | 41.8 | 42.3 | | 40.5 | | | 175 |
| 180 | 44.2 | 43.8 | | 44.1 | 43.9 | | 43.8 | 43.3 | | 41.8 | 42.2 | | 40.5 | 40.6 | | 180 |
| 185 | 43.8 | 43.6 | | 43.6 | 43.5 | | 43.3 | 43 | | 41.8 | 42 | | 40.5 | 40.5 | | 185 |
| 190 | 43.3 | 43.2 | | 43.1 | 43.1 | | 42.8 | 42.6 | | 41.8 | 41.7 | | 40.5 | 40.3 | | 190 |
| 195 | 42.7 | 42.8 | | 42.5 | 42.7 | | 42.3 | 42.3 | | 41.7 | 41.3 | | 40.5 | 40.1 | | 195 |
| 200 | 42.2 | 42.4 | | 42 | 42.3 | | 41.8 | 41.9 | | 41.2 | 41 | | 40.5 | 39.8 | | 200 |
| 205 | 41.7 | 42 | | 41.5 | 41.9 | | 41.3 | 41.5 | | 40.7 | 40.7 | | 40 | 39.5 | | 205 |
| 210 | 41.2 | 41.5 | | 41.1 | 41.4 | | 40.8 | 41.1 | | 40.3 | 40.4 | | 39.6 | 39.3 | | 210 |
| 215 | 40.7 | 41.1 | | 40.6 | 41 | | 40.3 | 40.7 | | 39.8 | 40 | | 39.2 | 39 | | 215 |
| 220 | 40.2 | 40.7 | 39.1 | 40.1 | 40.6 | | 39.9 | 40.4 | | 39.4 | 39.7 | | 38.8 | 38.7 | | 220 |
| 225 | 39.8 | 40.3 | 38.9 | 39.7 | 40.2 | | 39.5 | 40 | | 39 | 39.4 | | 38.4 | 38.5 | | 225 |
| 230 | 39.3 | 39.9 | 38.6 | 39.2 | 39.9 | 38.3 | 39 | 39.7 | | 38.6 | 39.1 | | 38 | 38.2 | | 230 |
| 235 | 38.9 | 39.5 | 38.3 | 38.8 | 39.5 | 38 | 38.6 | 39.3 | | 38.2 | 38.8 | | 37.6 | 37.9 | | 235 |
| 240 | 38.5 | 39.1 | 38 | 38.4 | 39.1 | 37.8 | 38.2 | 38.9 | 35.1 | 37.8 | 38.4 | | 37.2 | 37.6 | | 240 |
| 245 | 38.1 | 38.7 | 37.7 | 38 | 38.7 | 37 | 37.8 | 38.6 | 34.1 | 37.4 | 38.1 | 31.6 | 36.9 | 37.4 | | 245 |
| 250 | 37.7 | 38.4 | 37.4 | 37.6 | 38.3 | 36.1 | 37.4 | 38.2 | 33.2 | 37 | 37.8 | 30.7 | 36.5 | 37.1 | | 250 |
| 255 | 37.4 | 38 | 37.1 | 37.2 | 38 | 35.1 | 37.1 | 37.9 | 32.3 | 36.7 | 37.5 | 29.8 | 36.2 | 36.8 | 27.3 | 255 |
| 260 | 37.1 | 37.7 | 36.9 | 36.9 | 37.7 | 34.2 | 36.7 | 37.6 | 31.4 | 36.4 | 37.2 | 29 | 35.9 | 36.6 | 26.5 | 260 |
| 265 | 36.7 | 37.4 | 36.4 | 36.7 | 37.3 | 33.3 | 36.5 | 37.3 | 30.5 | 36.1 | 36.9 | 28.2 | 35.6 | 36 | 25.7 | 265 |
| 270 | 35.9 | 37.1 | 35.6 | 36.2 | 37 | 32.4 | 36.3 | 37 | 29.7 | 35.9 | 36.6 | 27.4 | 35.4 | 35.1 | 25 | 270 |
| 275 | 34.8 | 36.9 | 34.7 | 35.2 | 36.8 | 31.6 | 35.6 | 36.7 | 29 | 35.7 | 35.9 | 26.7 | 35.2 | 34.2 | 24.3 | 275 |
| 280 | 33.2 | 36.7 | 33.8 | 34.1 | 36.6 | 30.8 | 34.5 | 36.4 | 28.2 | 35 | 35.1 | 25.9 | 35 | 33.4 | 23.6 | 280 |
| 285 | 30.1 | 36.1 | 33 | 32.8 | 36.5 | 30 | 33.4 | 35.7 | 27.4 | 33.9 | 34.2 | 25.3 | 34.4 | 32.6 | 22.9 | 285 |
| 290 | | 35.1 | 32.2 | 29.4 | 36 | 29.2 | 31.7 | 34.9 | 26.7 | 32.7 | 33.5 | 24.6 | 33.3 | 31.9 | 22.3 | 290 |
| 295 | | 34 | 31.4 | | 35 | 28.5 | | 34.1 | 26 | 30.2 | 32.7 | 23.9 | 32 | 31.1 | 21.7 | 295 |
| 300 | | 32.9 | 30.6 | | 33.9 | 27.8 | | 33.4 | 25.4 | | 32 | 23.3 | | 30.4 | 21.1 | 300 |
| 305 | | 31.9 | 29.9 | | 32.8 | 27.1 | | 32.6 | 24.7 | | 31.3 | 22.7 | | 29.7 | 20.5 | 305 |
| 310 | | | 29.2 | | 31.8 | 26.4 | | 31.9 | 24.1 | | 30.6 | 22.1 | | 29.1 | 19.9 | 310 |
| 315 | | | 28.5 | | | 25.8 | | | 23.5 | | 29.9 | 21.5 | | 28.4 | 19.4 | 315 |
| 320 | | | 27.9 | | | 25.2 | | | 22.9 | | 29.3 | 20.9 | | 27.8 | 18.8 | 320 |
| 325 | | | | | | 24.6 | | | 22.3 | | | 20.4 | | | 18.3 | 325 |
| 330 | | | | | | 24 | | | 21.8 | | | 19.9 | | | 17.8 | 330 |
| 335 | | | | | | | | | 21.2 | | | 19.3 | | | 17.3 | 335 |
| 340 | | | | | | | | | 20.7 | | | 18.9 | | | 16.9 | 340 |
| 345 | | | | | | | | | | | | 18.4 | | | 16.4 | 345 |
| 350 | | | | | | | | | | | | | | | 16 | 350 |
| 355 | | | | | | | | | | | | | | | 15.5 | 355 |

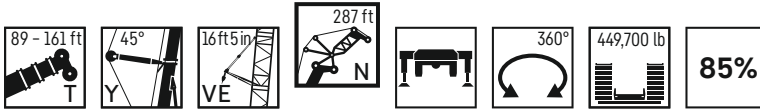
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TYVEN 287 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 110 | 40 | | | | | | | | | | | | | | | 110 |
| 115 | 39.7 | | | 40.3 | | | 39.3 | | | | | | | | | 115 |
| 120 | 39.5 | | | 40.3 | | | 39.3 | | | | | | | | | 120 |
| 125 | 39.2 | | | 40.3 | | | 39.3 | | | 37.7 | | | | | | 125 |
| 130 | 39 | | | 40.3 | | | 39.3 | | | 37.7 | | | | | | 130 |
| 135 | 38.7 | | | 40.3 | | | 39.3 | | | 37.7 | | | 33.3 | | | 135 |
| 140 | 38.5 | | | 40.2 | | | 39.3 | | | 37.7 | | | 33.3 | | | 140 |
| 145 | 38.2 | | | 39.9 | | | 39.3 | | | 37.7 | | | 33.3 | | | 145 |
| 150 | 38 | | | 39.4 | | | 39.1 | | | 37.7 | | | 33.3 | | | 150 |
| 155 | 37.8 | | | 38.9 | | | 38.7 | | | 37.7 | | | 33.3 | | | 155 |
| 160 | 37.6 | | | 38.5 | | | 38.2 | | | 37.6 | | | 33.3 | | | 160 |
| 165 | 37.3 | 36.7 | | 38 | | | 37.8 | | | 37.2 | | | 33.3 | | | 165 |
| 170 | 37.1 | 36.5 | | 37.6 | 37.4 | | 37.3 | | | 36.8 | | | 33.3 | | | 170 |
| 175 | 36.8 | 36.5 | | 37.1 | 37 | | 36.9 | 36.7 | | 36.4 | | | 33.3 | | | 175 |
| 180 | 36.6 | 36.3 | | 36.7 | 36.6 | | 36.5 | 36.3 | | 36 | 35.5 | | 33.3 | | | 180 |
| 185 | 36.3 | 36.1 | | 36.3 | 36.3 | | 36.1 | 36 | | 35.6 | 35.2 | | 33.3 | 34.2 | | 185 |
| 190 | 36 | 35.9 | | 35.9 | 35.9 | | 35.7 | 35.6 | | 35.2 | 34.9 | | 33.3 | 33.9 | | 190 |
| 195 | 35.7 | 35.6 | | 35.5 | 35.6 | | 35.3 | 35.3 | | 34.8 | 34.6 | | 33.3 | 33.6 | | 195 |
| 200 | 35.3 | 35.3 | | 35.2 | 35.2 | | 34.9 | 35 | | 34.5 | 34.3 | | 33.3 | 33.4 | | 200 |
| 205 | 34.9 | 35 | | 34.8 | 34.9 | | 34.6 | 34.6 | | 34.2 | 34 | | 33.3 | 33.2 | | 205 |
| 210 | 34.6 | 34.7 | | 34.5 | 34.6 | | 34.2 | 34.3 | | 33.8 | 33.7 | | 33.3 | 32.9 | | 210 |
| 215 | 34.3 | 34.4 | | 34.2 | 34.3 | | 34 | 34.1 | | 33.5 | 33.5 | | 33 | 32.7 | | 215 |
| 220 | 34 | 34.1 | | 33.8 | 34 | | 33.6 | 33.8 | | 33.3 | 33.2 | | 32.7 | 32.5 | | 220 |
| 225 | 33.7 | 33.8 | | 33.6 | 33.7 | | 33.4 | 33.5 | | 33 | 33 | | 32.5 | 32.2 | | 225 |
| 230 | 33.5 | 33.6 | 32.3 | 33.3 | 33.5 | | 33.1 | 33.3 | | 32.7 | 32.7 | | 32.2 | 32 | | 230 |
| 235 | 33.2 | 33.3 | 32.1 | 33.1 | 33.2 | 31.9 | 32.9 | 33 | | 32.5 | 32.5 | | 32 | 31.9 | | 235 |
| 240 | 32.9 | 33.1 | 31.9 | 32.8 | 33 | 31.7 | 32.6 | 32.8 | | 32.2 | 32.3 | | 31.8 | 31.7 | | 240 |
| 245 | 32.6 | 32.9 | 31.8 | 32.5 | 32.8 | 31.5 | 32.4 | 32.6 | 30.9 | 32 | 32.1 | | 31.5 | 31.5 | | 245 |
| 250 | 32.3 | 32.7 | 31.6 | 32.2 | 32.5 | 31.3 | 32.2 | 32.4 | 30.8 | 31.8 | 31.9 | | 31.4 | 31.3 | | 250 |
| 255 | 31.7 | 32.5 | 31.5 | 31.8 | 32.4 | 31.2 | 31.9 | 32.2 | 30.6 | 31.7 | 31.8 | 29.1 | 31.2 | 31.2 | | 255 |
| 260 | 31.1 | 32.2 | 31.3 | 31.2 | 32.2 | 31 | 31.3 | 32 | 30.4 | 31.3 | 31.6 | 28.2 | 31 | 31 | 25.7 | 260 |
| 265 | 30.5 | 31.9 | 31.2 | 30.7 | 31.9 | 30.9 | 30.8 | 31.9 | 29.8 | 30.8 | 31.5 | 27.5 | 30.7 | 30.9 | 25 | 265 |
| 270 | 30 | 31.5 | 31.1 | 30.1 | 31.7 | 30.8 | 30.2 | 31.7 | 29 | 30.2 | 31.3 | 26.7 | 30.2 | 30.8 | 24.3 | 270 |
| 275 | 29.5 | 31 | 31 | 29.5 | 31.3 | 30.7 | 29.7 | 31.4 | 28.2 | 29.7 | 31.2 | 26 | 29.7 | 30.7 | 23.6 | 275 |
| 280 | 29 | 30.4 | 30.9 | 29 | 30.8 | 30.1 | 29.2 | 31.1 | 27.5 | 29.2 | 31 | 25.2 | 29.2 | 30.6 | 22.9 | 280 |
| 285 | 28.5 | 29.9 | 30.8 | 28.6 | 30.3 | 29.3 | 28.7 | 30.6 | 26.7 | 28.7 | 30.8 | 24.6 | 28.7 | 30.5 | 22.2 | 285 |
| 290 | 28.1 | 29.4 | 30.5 | 28.2 | 29.8 | 28.5 | 28.3 | 30.1 | 26 | 28.3 | 30.3 | 23.9 | 28.3 | 30.4 | 21.6 | 290 |
| 295 | 27.5 | 29 | 30.1 | 27.8 | 29.3 | 27.8 | 27.9 | 29.6 | 25.3 | 27.9 | 29.8 | 23.2 | 27.9 | 30 | 21 | 295 |
| 300 | 25 | 28.6 | 29.7 | 27 | 28.9 | 27.1 | 27.5 | 29.2 | 24.7 | 27.5 | 29.4 | 22.6 | 27.6 | 29.5 | 20.4 | 300 |
| 305 | | 28.2 | 29.2 | | 28.5 | 26.4 | 26.6 | 28.8 | 24 | 27.2 | 29 | 22 | 27.3 | 29 | 19.8 | 305 |
| 310 | | 27.8 | 28.6 | | 28.1 | 25.8 | | 28.4 | 23.4 | | 28.6 | 21.4 | 26.5 | 28.3 | 19.3 | 310 |
| 315 | | 27.6 | 27.9 | | 27.8 | 25.2 | | 28 | 22.8 | | 28.2 | 20.9 | | 27.7 | 18.7 | 315 |
| 320 | | | 27.2 | | 27.5 | 24.5 | | 27.7 | 22.3 | | 27.9 | 20.3 | | 27.1 | 18.2 | 320 |
| 325 | | | 26.6 | | | 24 | | 27.5 | 21.7 | | 27.6 | 19.8 | | 26.5 | 17.7 | 325 |
| 330 | | | 26 | | | 23.4 | | | 21.1 | | 27.3 | 19.2 | | 25.9 | 17.2 | 330 |
| 335 | | | 25.4 | | | 22.8 | | | 20.6 | | | 18.7 | | 25.4 | 16.7 | 335 |
| 340 | | | | | | 22.3 | | | 20.1 | | | 18.2 | | | 16.3 | 340 |
| 345 | | | | | | | | | 19.6 | | | 17.8 | | | 15.8 | 345 |
| 350 | | | | | | | | | 19.1 | | | 17.3 | | | 15.4 | 350 |
| 355 | | | | | | | | | | | | 16.9 | | | 14.9 | 355 |
| 360 | | | | | | | | | | | | | | | 14.5 | 360 |
| 365 | | | | | | | | | | | | | | | 14 | 365 |

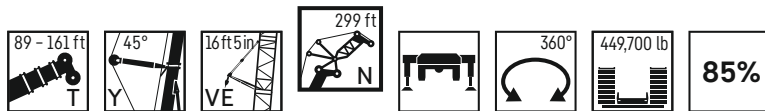
* adapter - pièce d'adaptateur

t_198_207_01901_00_000

Lifting capacities

Forces de levage

TYVEN 299 ft



| | 89 + 29 ft 6 in* | | | 107 + 29 ft 6 in* | | | 125 + 29 ft 6 in* | | | 143 + 29 ft 6 in* | | | 161 + 29 ft 6 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | N 299 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 115 | 36.4 | | | | | | | | | | | | | | | 115 |
| 120 | 36.2 | | | 36.6 | | | 35.3 | | | | | | | | | 120 |
| 125 | 36 | | | 36.6 | | | 35.3 | | | 32.4 | | | | | | 125 |
| 130 | 35.8 | | | 36.6 | | | 35.3 | | | 32.4 | | | | | | 130 |
| 135 | 35.5 | | | 36.6 | | | 35.3 | | | 32.4 | | | | | | 135 |
| 140 | 35.2 | | | 36.6 | | | 35.3 | | | 32.4 | | | 30 | | | 140 |
| 145 | 35 | | | 36.5 | | | 35.3 | | | 32.4 | | | 30 | | | 145 |
| 150 | 34.8 | | | 36.3 | | | 35.3 | | | 32.4 | | | 30 | | | 150 |
| 155 | 34.6 | | | 36 | | | 35.3 | | | 32.4 | | | 30 | | | 155 |
| 160 | 34.4 | | | 35.6 | | | 35.3 | | | 32.4 | | | 30 | | | 160 |
| 165 | 34.1 | | | 35.2 | | | 34.9 | | | 32.4 | | | 30 | | | 165 |
| 170 | 33.9 | 33.3 | | 34.7 | | | 34.5 | | | 32.4 | | | 30 | | | 170 |
| 175 | 33.7 | 33.2 | | 34.3 | 34.2 | | 34.1 | | | 32.4 | | | 30 | | | 175 |
| 180 | 33.5 | 33.1 | | 33.9 | 33.8 | | 33.7 | 33.4 | | 32.4 | | | 30 | | | 180 |
| 185 | 33.3 | 33 | | 33.5 | 33.5 | | 33.3 | 33.1 | | 32.4 | 32.4 | | 30 | | | 185 |
| 190 | 33 | 32.8 | | 33.2 | 33.1 | | 33 | 32.8 | | 32.4 | 32.1 | | 30 | 31.1 | | 190 |
| 195 | 32.8 | 32.7 | | 32.8 | 32.8 | | 32.6 | 32.5 | | 32.1 | 31.8 | | 30 | 30.9 | | 195 |
| 200 | 32.5 | 32.5 | | 32.5 | 32.5 | | 32.2 | 32.2 | | 31.8 | 31.5 | | 30 | 30.6 | | 200 |
| 205 | 32.2 | 32.2 | | 32.1 | 32.2 | | 31.9 | 31.9 | | 31.5 | 31.3 | | 30 | 30.4 | | 205 |
| 210 | 31.9 | 32 | | 31.8 | 31.9 | | 31.6 | 31.6 | | 31.2 | 31 | | 30 | 30.2 | | 210 |
| 215 | 31.6 | 31.7 | | 31.5 | 31.6 | | 31.3 | 31.3 | | 30.9 | 30.8 | | 30 | 29.9 | | 215 |
| 220 | 31.3 | 31.4 | | 31.2 | 31.3 | | 31 | 31.1 | | 30.6 | 30.5 | | 30 | 29.8 | | 220 |
| 225 | 31.1 | 31.1 | | 30.9 | 31 | | 30.7 | 30.8 | | 30.4 | 30.3 | | 29.8 | 29.6 | | 225 |
| 230 | 30.8 | 30.9 | | 30.7 | 30.8 | | 30.5 | 30.6 | | 30.1 | 30.1 | | 29.6 | 29.3 | | 230 |
| 235 | 30.5 | 30.6 | 29.4 | 30.4 | 30.5 | | 30.2 | 30.3 | | 29.8 | 29.8 | | 29.4 | 29.1 | | 235 |
| 240 | 30.3 | 30.4 | 29.3 | 30.2 | 30.3 | | 30 | 30.1 | | 29.6 | 29.7 | | 29.1 | 29 | | 240 |
| 245 | 30.1 | 30.2 | 29.1 | 30 | 30.1 | 28.8 | 29.8 | 29.9 | | 29.4 | 29.5 | | 29 | 28.8 | | 245 |
| 250 | 29.9 | 30 | 28.9 | 29.8 | 29.9 | 28.7 | 29.6 | 29.7 | 28.1 | 29.2 | 29.3 | | 28.8 | 28.6 | | 250 |
| 255 | 29.7 | 29.8 | 28.8 | 29.6 | 29.7 | 28.5 | 29.4 | 29.5 | 28 | 29 | 29.1 | | 28.6 | 28.5 | | 255 |
| 260 | 29.6 | 29.6 | 28.6 | 29.4 | 29.5 | 28.4 | 29.2 | 29.3 | 27.8 | 28.9 | 28.9 | 26.8 | 28.4 | 28.3 | | 260 |
| 265 | 29.4 | 29.5 | 28.5 | 29.2 | 29.3 | 28.2 | 29 | 29.1 | 27.7 | 28.7 | 28.8 | 26 | 28.3 | 28.2 | | 265 |
| 270 | 29.2 | 29.3 | 28.3 | 29 | 29.2 | 28.1 | 28.9 | 29 | 27.5 | 28.5 | 28.6 | 25.3 | 28.1 | 28.1 | 22.8 | 270 |
| 275 | 29 | 29.2 | 28.2 | 28.8 | 29.1 | 28 | 28.7 | 28.9 | 26.8 | 28.3 | 28.5 | 24.5 | 27.9 | 27.9 | 22.1 | 275 |
| 280 | 28.8 | 29.1 | 28.1 | 28.6 | 29 | 27.9 | 28.5 | 28.7 | 26.1 | 28.1 | 28.3 | 23.9 | 27.7 | 27.8 | 21.5 | 280 |
| 285 | 28.6 | 28.9 | 28 | 28.5 | 28.8 | 27.8 | 28.3 | 28.6 | 25.4 | 27.9 | 28.2 | 23.2 | 27.6 | 27.7 | 20.8 | 285 |
| 290 | 28.5 | 28.7 | 27.9 | 28.3 | 28.6 | 27.2 | 28.2 | 28.5 | 24.7 | 27.8 | 28.1 | 22.5 | 27.4 | 27.6 | 20.2 | 290 |
| 295 | 28.1 | 28.5 | 27.8 | 28.1 | 28.4 | 26.5 | 28 | 28.3 | 24 | 27.7 | 28 | 21.9 | 27.3 | 27.5 | 19.6 | 295 |
| 300 | 27.5 | 28.5 | 27.7 | 27.7 | 28.3 | 25.8 | 27.8 | 28.2 | 23.4 | 27.6 | 27.9 | 21.3 | 27.2 | 27.4 | 19 | 300 |
| 305 | 26 | 28.4 | 27.6 | 27.3 | 28.2 | 25.1 | 27.4 | 28.1 | 22.7 | 27.4 | 27.7 | 20.7 | 27.2 | 27.3 | 18.5 | 305 |
| 310 | 23.3 | 28.1 | 27.3 | 25.7 | 28.2 | 24.5 | 26.9 | 28 | 22.1 | 27.1 | 27.7 | 20.1 | 27.1 | 27 | 17.9 | 310 |
| 315 | | 27.7 | 26.6 | | 27.9 | 23.9 | 24.8 | 27.9 | 21.5 | 26.2 | 27.6 | 19.5 | 26.8 | 26.3 | 17.4 | 315 |
| 320 | | 27.4 | 25.9 | | 27.6 | 23.3 | | 27.8 | 21 | | 27.2 | 19 | 24.9 | 25.7 | 16.9 | 320 |
| 325 | | 26.8 | 25.3 | | 27.3 | 22.7 | | 27.5 | 20.4 | | 26.6 | 18.4 | | 25.1 | 16.4 | 325 |
| 330 | | | 24.7 | | 26.7 | 22.1 | | 27.2 | 19.9 | | 26 | 17.9 | | 24.5 | 15.9 | 330 |
| 335 | | | 24.1 | | | 21.5 | | 26.6 | 19.3 | | 25.4 | 17.4 | | 24 | 15.4 | 335 |
| 340 | | | 23.6 | | | 21 | | | 18.8 | | 24.9 | 17 | | 23.5 | 15 | 340 |
| 345 | | | 23 | | | 20.5 | | | 18.3 | | | 16.5 | | 23 | 14.5 | 345 |
| 350 | | | | | | 20 | | | 17.9 | | | 16 | | | 14.1 | 350 |
| 355 | | | | | | 19.5 | | | 17.4 | | | 15.6 | | | 13.6 | 355 |
| 360 | | | | | | | | | 17 | | | 15.2 | | | 12.6 | 360 |
| 365 | | | | | | | | | | | | 14.8 | | | 11.2 | 365 |
| 370 | | | | | | | | | | | | 14.4 | | | 9.8 | 370 |
| 375 | | | | | | | | | | | | | | | 8.4 | 375 |

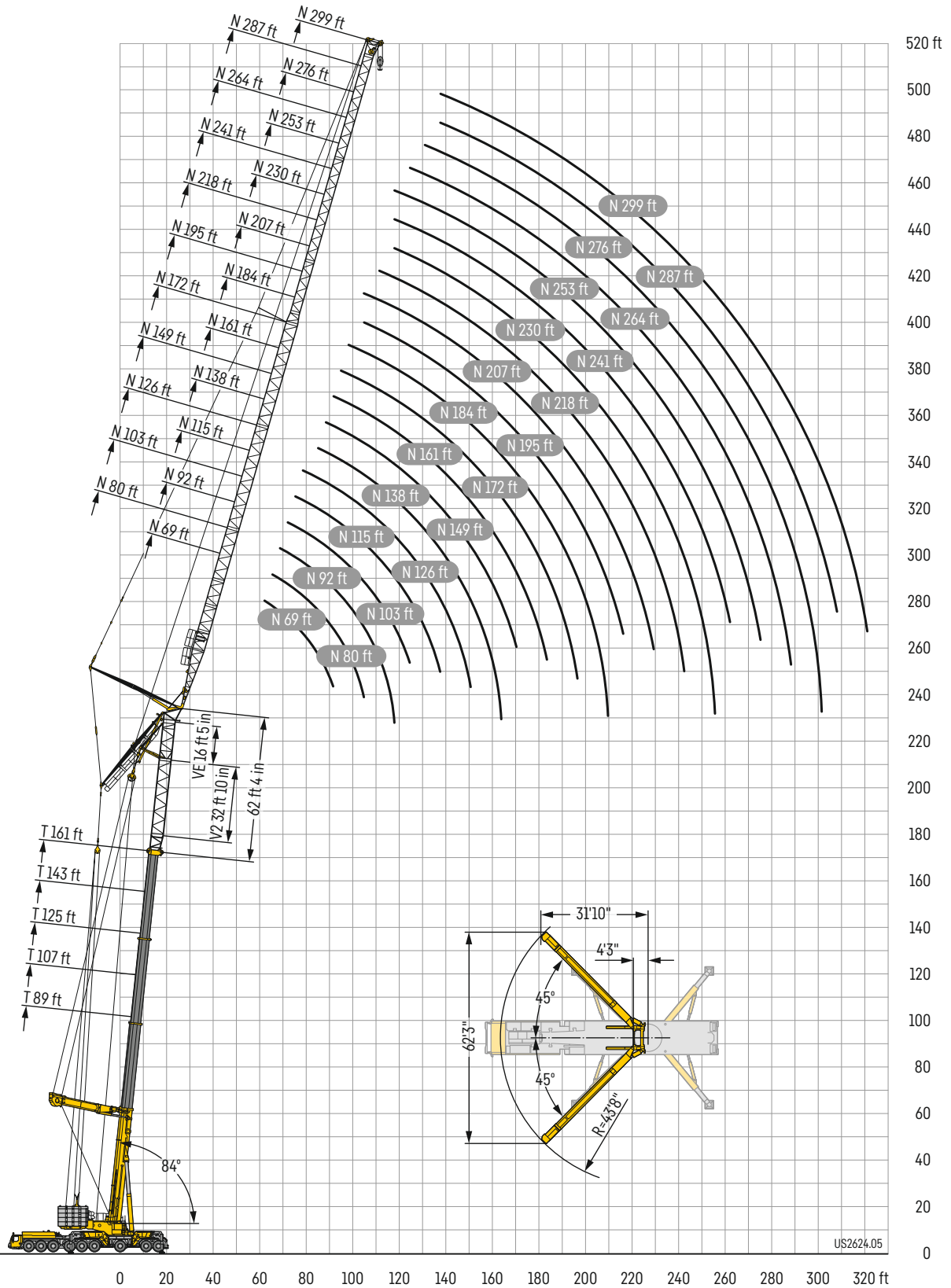
* adapter - pièce d'adaptateur

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Lifting heights

Hauteurs de levage

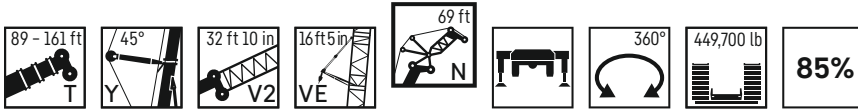
TYV2EN



Lifting capacities

Forces de levage

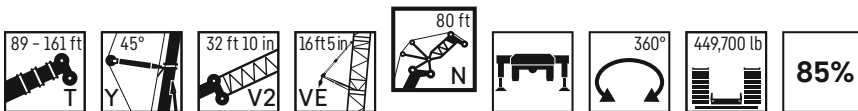
TYV2EN 69 ft – 80 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|-----|-------------------|-------|------|-------------------|-------|-----|-------------------|-------|-----|-----|
| | N 69 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 50 | 272.6 | | | | | | | | | | | | | | | 50 |
| 55 | 259.6 | | | 253 | | | | | | | | | | | | 55 |
| 60 | 247.5 | | | 241.2 | | | 232.7 | | | 224.7 | | | 210.1 | | | 60 |
| 65 | 236.3 | | | 230.2 | | | 222.1 | | | 214.4 | | | 204.5 | | | 65 |
| 70 | 225.6 | | | 219.8 | | | 212.2 | | | 205 | | | 194.9 | | | 70 |
| 75 | 215.4 | | | 210.2 | | | 202.8 | | | 196 | | | 185.9 | | | 75 |
| 80 | 205.5 | 201.5 | | 199.2 | | | 194.2 | | | 187.7 | | | 177.7 | | | 80 |
| 85 | 195.2 | 190.9 | | 189.5 | 170.6 | | 185.8 | | | 179.9 | | | 170.6 | | | 85 |
| 90 | | 180.9 | | | 160.4 | | 177.2 | 157.2 | | 172.3 | | | 164.3 | | | 90 |
| 95 | | 170.8 | | | 151.6 | | | 148.1 | | | | | 157.5 | | | 95 |
| 100 | | 161.6 | | | 143.9 | | | 140.2 | | | 137.6 | | | | | 100 |
| 105 | | 153.1 | | | 137 | | | 133.3 | | | 130.3 | | | 132.9 | | 105 |
| 110 | | | | | 131.1 | | | 127.3 | | | 124.1 | | | 126.6 | | 110 |
| 115 | | | 121.9 | | | | | 121.8 | | | 118.5 | | | 120.8 | | 115 |
| 120 | | | 116.3 | | | | | | | | 113.7 | | | 115.7 | | 120 |
| 125 | | | 111.1 | | | | | | | | | | | 111.1 | | 125 |
| 130 | | | 106.2 | | | | | | 97.8 | | | | | | | 130 |
| 135 | | | | | | | | | 92.7 | | | | | | | 135 |
| 140 | | | | | | | | | 88.4 | | | | | | | 140 |
| 145 | | | | | | | | | 84.6 | | | | | | | 145 |
| 150 | | | | | | | | | | | | | | | | 150 |
| 155 | | | | | | | | | | | | | | | | 155 |
| 160 | | | | | | | | | | | | | | | | 160 |

* adapter - pièce d'adaptateur

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| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|-----|-------------------|-------|-----|-------------------|-------|-----|-------------------|-------|-----|-----|
| | N 80 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 55 | 249.2 | | | | | | | | | | | | | | | 55 |
| 60 | 238.5 | | | 232 | | | 223.6 | | | | | | | | | 60 |
| 65 | 228.6 | | | 222.3 | | | 214.2 | | | 206.1 | | | 196.6 | | | 65 |
| 70 | 219.2 | | | 213.1 | | | 205.2 | | | 197.8 | | | 188.9 | | | 70 |
| 75 | 210.3 | | | 204.5 | | | 197 | | | 189.8 | | | 181.1 | | | 75 |
| 80 | 201.9 | | | 196.3 | | | 189.2 | | | 182.4 | | | 173.8 | | | 80 |
| 85 | 193.8 | 190.2 | | 188.4 | | | 181.8 | | | 175.4 | | | 166.9 | | | 85 |
| 90 | 185.6 | 180.2 | | 179.3 | 165.5 | | 174.7 | | | 168.7 | | | 160.3 | | | 90 |
| 95 | 176 | 170.3 | | 171 | 154.9 | | 167.9 | 152.7 | | 162.3 | | | 154.3 | | | 95 |
| 100 | | 161.1 | | 164 | 146.1 | | 161.1 | 143.8 | | 156.2 | | | 148.8 | | | 100 |
| 105 | | 152.8 | | | 138.6 | | | 135.9 | | | 134 | | | 143.2 | | 105 |
| 110 | | 145.3 | | | 131.8 | | | 129.1 | | | 126.8 | | | 128.9 | | 110 |
| 115 | | 138.3 | | | 125.9 | | | 123 | | | 120.6 | | | 123 | | 115 |
| 120 | | | 115.7 | | 120.5 | | | 117.6 | | | 115 | | | 117.3 | | 120 |
| 125 | | | 110.6 | | | | | 112.8 | | | 110 | | | 112.1 | | 125 |
| 130 | | | 105.8 | | | | | | | | 105.6 | | | 107.3 | | 130 |
| 135 | | | 101.4 | | | | | | | | | | | 102.8 | | 135 |
| 140 | | | 97.3 | | | | | | | | | | | | | 140 |
| 145 | | | | | | | | | | | | | | | | 145 |
| 150 | | | | | | | | | | | | | | | | 150 |
| 155 | | | | | | | | | | | | | | | | 155 |
| 160 | | | | | | | | | | | | | | | | 160 |
| 165 | | | | | | | | | | | | | | | | 165 |
| 170 | | | | | | | | | | | | | | | | 170 |

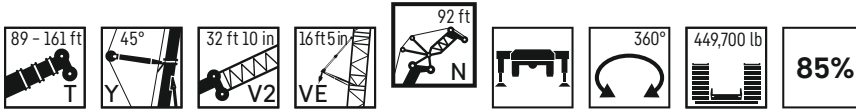
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

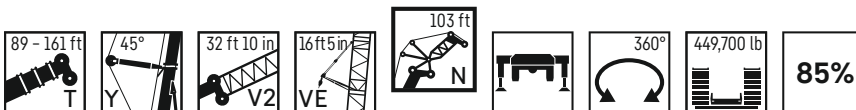
TYVEN 92 ft – 103 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|-------|-------------------|-------|------|-------------------|-----|-----|-------------------|-----|-----|-------------------|-------|-------|-----|
| | N 92 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 60 | 234.5 | | | 227.3 | | | | | | | | | | | | 60 |
| 65 | 224.6 | | | 218 | | | | | | | | | | | | 65 |
| 70 | 215.2 | | | 209.2 | | | | | | | | | 193.4 | | 183.8 | 70 |
| 75 | 206.4 | | | 200.6 | | | | | | | | | 185.9 | | 176.8 | 75 |
| 80 | 198.1 | | | 192.7 | | | | | | | | | 178.9 | | 169.9 | 80 |
| 85 | 190.4 | | | 185.2 | | | | | | | | | 171.9 | | 162.9 | 85 |
| 90 | 182.9 | 176.6 | | 177.1 | | | | | | | | | 165.3 | | 156.4 | 90 |
| 95 | 175.7 | 167.4 | | 169.1 | 154.4 | | | | | | | | 159.2 | | 150.5 | 95 |
| 100 | 167.8 | 159.2 | | 161.8 | 146.1 | | | | | | | | 153.4 | | 145.1 | 100 |
| 105 | 157.5 | 151.6 | | 155 | 138.7 | | | | | | | | 147.8 | | 140.4 | 105 |
| 110 | 147.9 | 144.1 | | 149.2 | 131.8 | | | | | | | | 142.4 | 126.4 | 135.6 | 110 |
| 115 | | 137.2 | | | 125.7 | | | | | | | | 136.9 | 120.3 | 130.5 | 115 |
| 120 | | 130.8 | | | 120.2 | | | | | | | | | 114.8 | 115.3 | 120 |
| 125 | | 124.9 | | | 115.3 | | | | | | | | | 109.8 | 110.7 | 125 |
| 130 | | 119.5 | 104.5 | | 110.9 | | | | | | | | | 105.2 | 106.1 | 130 |
| 135 | | | 100.1 | | 106.9 | 92.8 | | | | | | | | 101.1 | 101.6 | 135 |
| 140 | | | 96 | | | 87.7 | | | | | | | | 97.3 | 97.4 | 140 |
| 145 | | | 92.2 | | | 83.4 | | | | | | | | | 93.5 | 145 |
| 150 | | | 88.6 | | | 79.5 | | | | | | | | | | 150 |
| 155 | | | 85.2 | | | 76.2 | | | | | | | | 70 | | 155 |
| 160 | | | | | | 73.2 | | | | | | | | 66.6 | | 160 |
| 165 | | | | | | | | | | | | | | 63.6 | | 165 |
| 170 | | | | | | | | | | | | | | 61 | | 170 |
| 175 | | | | | | | | | | | | | | 58.6 | | 175 |
| 180 | | | | | | | | | | | | | | | | 180 |
| 185 | | | | | | | | | | | | | | | | 185 |

* adapter - pièce d'adaptateur

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| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-----|-----|-------------------|-----|-----|-----|
| | N 103 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 60 | 223.8 | | | | | | | | | | | | | | | 60 |
| 65 | 215.7 | | | 208.1 | | | | | | | | | | | | 65 |
| 70 | 208 | | | 201.1 | | | | | | | | | | | | 70 |
| 75 | 200.5 | | | 194 | | | | | | | | | | | | 75 |
| 80 | 193.1 | | | 187.3 | | | | | | | | | | | | 80 |
| 85 | 186 | | | 180.5 | | | | | | | | | | | | 85 |
| 90 | 179.3 | | | 173.8 | | | | | | | | | | | | 90 |
| 95 | 172.7 | 164.8 | | 167.1 | | | | | | | | | | | | 95 |
| 100 | 166.5 | 156.8 | | 160.1 | 148.3 | | | | | | | | | | | 100 |
| 105 | 158.1 | 149.4 | | 153.7 | 140.2 | | | | | | | | | | | 105 |
| 110 | 148.5 | 142.7 | | 147.6 | 133.4 | | | | | | | | | | | 110 |
| 115 | 139.8 | 136.5 | | 141.8 | 127.1 | | | | | | | | | | | 115 |
| 120 | 132.2 | 130.6 | | 137 | 121.4 | | | | | | | | | | | 120 |
| 125 | | 124.8 | | | 116 | | | | | | | | | | | 125 |
| 130 | | 119.5 | | | 111.3 | | | | | | | | | | | 130 |
| 135 | | 114.5 | 99.7 | | 107 | | | | | | | | | | | 135 |
| 140 | | 109.8 | 95.6 | | 103 | | | | | | | | | | | 140 |
| 145 | | | 91.9 | | 99.7 | 86.2 | | | | | | | | | | 145 |
| 150 | | | 88.3 | | | 82.2 | | | | | | | | | | 150 |
| 155 | | | 85 | | | 78.2 | | | | | | | | | | 155 |
| 160 | | | 81.9 | | | 74.7 | | | | | | | | | | 160 |
| 165 | | | 78.9 | | | 71.6 | | | | | | | | | | 165 |
| 170 | | | | | | 68.9 | | | | | | | | | | 170 |
| 175 | | | | | | | | | | | | | | | | 175 |
| 180 | | | | | | | | | | | | | | | | 180 |
| 185 | | | | | | | | | | | | | | | | 185 |
| 190 | | | | | | | | | | | | | | | | 190 |
| 195 | | | | | | | | | | | | | | | | 195 |

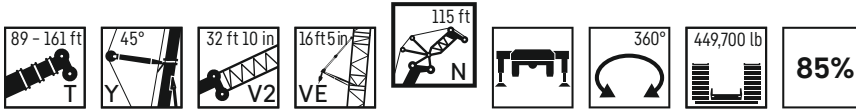
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

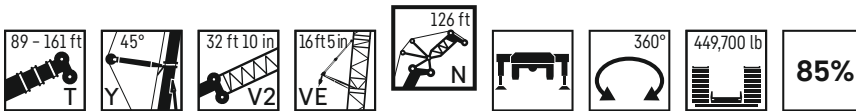
TYV2EN 115 ft – 126 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-------|-------|-------|------|-----|
| | N 115 ft | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 65 | 199.8 | | | | | | | | | | | | | | | 65 | | |
| 70 | 198.4 | | | 191.5 | | | 181.3 | | | | | | | | | 70 | | |
| 75 | 192 | | | 185.2 | | | 177.2 | | | | | | 169.9 | | 161.3 | 75 | | |
| 80 | 185.7 | | | 179.2 | | | 171.6 | | | | | | 164.2 | | 156 | 80 | | |
| 85 | 179.7 | | | 173.5 | | | 166.1 | | | | | | 159.1 | | 151 | 85 | | |
| 90 | 174.1 | | | 168.2 | | | 160.8 | | | | | | 154.3 | | 146.3 | 90 | | |
| 95 | 168.4 | | | 162.8 | | | 155.9 | | | | | | 149.5 | | 141.8 | 95 | | |
| 100 | 162.7 | 153.8 | | 157.2 | | | 151.2 | | | | | | 145 | | 137.3 | 100 | | |
| 105 | 157.2 | 146.6 | | 150.6 | 140.1 | | 146.5 | | | | | | 140.6 | | 132.5 | 105 | | |
| 110 | 148.4 | 140 | | 144.7 | 133.6 | | 141.8 | | | | | | 136.4 | | 128.2 | 110 | | |
| 115 | 139.8 | 134 | | 139.4 | 127.2 | | 137.2 | 123.6 | | | | | 132 | | 124.3 | 115 | | |
| 120 | 132 | 128.4 | | 134.5 | 121.3 | | 132.6 | 118.5 | | | | | 127.9 | 113.8 | 120.6 | 120 | | |
| 125 | 124.9 | 123.3 | | 129.6 | 116 | | 128.1 | 113.5 | | | | | 123.9 | 109.2 | 117.1 | 106.1 | 125 | |
| 130 | 118.7 | 118.5 | | 122.9 | 111.2 | | 123.7 | 108.7 | | | | | 120 | 105 | 114 | 102 | 130 | |
| 135 | | 113.8 | | 116.9 | 106.7 | | 119.6 | 104.3 | | | | | 116.1 | 101.1 | 110.5 | 98.2 | 135 | |
| 140 | | 109.2 | 94.7 | | 102.5 | | | 100.3 | | | | | | 97.4 | 106.9 | 94.6 | 140 | |
| 145 | | 104.9 | 90.9 | | 98.7 | | | 96.5 | | | | | | 94 | | 91.3 | 145 | |
| 150 | | 100.8 | 87.4 | | 95.1 | 81.5 | | 92.9 | | | | | | 90.7 | | 88.2 | 150 | |
| 155 | | | 84.1 | | 92 | 78.4 | | 89.7 | | | | | | 87.3 | | 85.2 | 155 | |
| 160 | | | 81.1 | | 92 | 75.5 | | 86.7 | 71.3 | | | | | 84.1 | | 82.1 | 160 | |
| 165 | | | 78.1 | | 92 | 72.5 | | 83.8 | 68.7 | | | | | 81.1 | | 79.1 | 165 | |
| 170 | | | 75.4 | | 92 | 69.3 | | 81.1 | 66.3 | | | | | | 62.2 | 76.3 | 170 | |
| 175 | | | 72.8 | | 92 | 66.5 | | 78.4 | 63.8 | | | | | | 60 | | 56.8 | 175 |
| 180 | | | | | 92 | 64 | | 75.5 | 61.1 | | | | | | 57.9 | | 54.8 | 180 |
| 185 | | | | | 92 | 61.7 | | 72.6 | 58.8 | | | | | | 55.7 | | 52.9 | 185 |
| 190 | | | | | 92 | | | 69.9 | 56.6 | | | | | | 53.4 | | 51.2 | 190 |
| 195 | | | | | 92 | | | 67.0 | | | | | | | 51.3 | | 49.5 | 195 |
| 200 | | | | | 92 | | | 64.2 | | | | | | | 49.5 | | 47.8 | 200 |
| 205 | | | | | 92 | | | 61.4 | | | | | | | | | 46.3 | 205 |

* adapter - pièce d'adaptateur

t_198_208_00401_00_000



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-----|-----|-------------------|-------|-------|------|------|-----|
| | N 126 ft | | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | | |
| 70 | 182.9 | | | 178.7 | | | | | | | | | | | | 70 | | |
| 75 | 181.8 | | | 177.9 | | | 171.6 | | | | | | | | | 75 | | |
| 80 | 180.2 | | | 172.8 | | | 166.1 | | | | | | 160.2 | | 151 | 80 | | |
| 85 | 175.5 | | | 167.3 | | | 160.7 | | | | | | 154.9 | | 146 | 85 | | |
| 90 | 170 | | | 162 | | | 155.5 | | | | | | 149.9 | | 140.7 | 90 | | |
| 95 | 164.7 | | | 156.8 | | | 150.7 | | | | | | 145.2 | | 135.8 | 95 | | |
| 100 | 159.6 | | | 152.1 | | | 146.1 | | | | | | 140.8 | | 131 | 100 | | |
| 105 | 154.7 | 143.7 | | 147.5 | | | 141.5 | | | | | | 136.6 | | 126.6 | 105 | | |
| 110 | 148.4 | 137.3 | | 143 | 132 | | 137.4 | | | | | | 132.6 | | 122.6 | 110 | | |
| 115 | 141.2 | 131.4 | | 138.5 | 126.3 | | 133.4 | | | | | | 128.9 | | 118.8 | 115 | | |
| 120 | 133.2 | 125.9 | | 134.1 | 121.1 | | 129.5 | 116.4 | | | | | 125.2 | | 115.4 | 120 | | |
| 125 | 126.1 | 120.9 | | 129.5 | 116.2 | | 125.4 | 111.7 | | | | | 121.5 | 107.1 | 112.3 | 125 | | |
| 130 | 119.6 | 116.2 | | 124 | 111.8 | | 121.4 | 107.4 | | | | | 117.8 | 103 | 109.6 | 130 | | |
| 135 | 113.7 | 111.9 | | 117.9 | 107.6 | | 117.5 | 103.4 | | | | | 114.1 | 99.1 | 107.1 | 99.9 | 135 | |
| 140 | 108.4 | 107.8 | | 112.2 | 103.7 | | 113.6 | 99.6 | | | | | 110.6 | 95.5 | 105 | 92.7 | 140 | |
| 145 | | 104 | | 107 | 100 | | 109.5 | 96.1 | | | | | 107 | 92.1 | 102.7 | 89.4 | 145 | |
| 150 | | 100.1 | 86.3 | | 96.6 | | | 92.9 | | | | | 103.4 | 89 | 99.4 | 86.4 | 150 | |
| 155 | | 96.4 | 83.2 | | 93.1 | 78 | | 89.8 | | | | | | 86 | | 83.5 | 155 | |
| 160 | | 92.8 | 80.2 | | 89.7 | 75.3 | | 86.7 | | | | | | 83.3 | | 80.8 | 160 | |
| 165 | | 89.5 | 77.3 | | 86.5 | 72.6 | | 83.5 | 68 | | | | | 80.5 | | 78.3 | 165 | |
| 170 | | | 74.6 | | 83.4 | 70 | | 80.6 | 65.6 | | | | | 77.7 | | 75.7 | 170 | |
| 175 | | | 72 | | 83.4 | 67.6 | | 77.7 | 63.3 | | | | | 75 | 59.2 | 73.1 | 175 | |
| 180 | | | 69.6 | | 83.4 | 65.2 | | 74.8 | 61.2 | | | | | | 57.2 | 70.6 | 180 | |
| 185 | | | 67.2 | | 83.4 | 63.1 | | 71.9 | 59.1 | | | | | | 55.2 | | 52.2 | 185 |
| 190 | | | 65 | | 83.4 | 61 | | 69.0 | 57.1 | | | | | | 53.4 | | 50.5 | 190 |
| 195 | | | | | 83.4 | 59 | | 66.1 | 55.2 | | | | | | 51.6 | | 48.8 | 195 |
| 200 | | | | | 83.4 | | | 63.2 | 53.4 | | | | | | 49.9 | | 47.2 | 200 |
| 205 | | | | | 83.4 | | | 60.3 | 51.7 | | | | | | 48.3 | | 45.7 | 205 |
| 210 | | | | | 83.4 | | | 57.4 | | | | | | | 46.8 | | 44.2 | 210 |
| 215 | | | | | 83.4 | | | 54.5 | | | | | | | | | 42.8 | 215 |

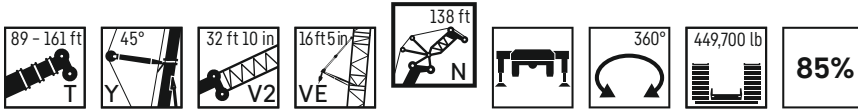
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

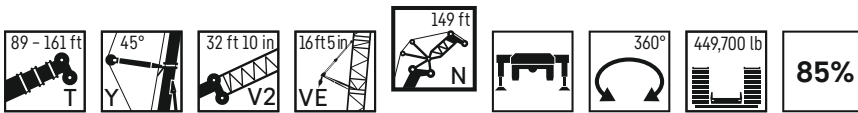
TYV2EN 138 ft – 149 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|-----|-------------------|-----|-----|-------------------|-------|-------|------|-----|
| | N138 ft | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 70 | 163.7 | | | | | | | | | | | | | | | 70 | |
| 75 | 163.7 | | | 162 | | | | | | | | | | | | 75 | |
| 80 | 163.7 | | | 161.2 | | | 156.8 | | | | | | | | | 80 | |
| 85 | 163.1 | | | 159.5 | | | 154 | | | | | | 148.3 | | | 85 | |
| 90 | 161.6 | | | 154.9 | | | 149.2 | | | | | | 143.7 | | 135.3 | 90 | |
| 95 | 158.6 | | | 150.3 | | | 144.7 | | | | | | 139.5 | | 130.7 | 95 | |
| 100 | 154 | | | 145.8 | | | 140.6 | | | | | | 135.3 | | 126.4 | 100 | |
| 105 | 149.5 | | | 141.6 | | | 136.6 | | | | | | 131.4 | | 122.1 | 105 | |
| 110 | 145.4 | 134.7 | | 137.5 | | | 132.7 | | | | | | 127.8 | | 118.2 | 110 | |
| 115 | 140.5 | 128.9 | | 133.7 | 123.4 | | 129 | | | | | | 124.2 | | 114.6 | 115 | |
| 120 | 133 | 123.6 | | 129.9 | 118.3 | | 125.4 | | | | | | 120.8 | | 111.1 | 120 | |
| 125 | 125.9 | 118.6 | | 126.2 | 113.6 | | 121.9 | 108.9 | | | | | 117.6 | | 108 | 125 | |
| 130 | 119.4 | 114 | | 121.9 | 109.2 | | 118.6 | 104.7 | | | | | 114.5 | 100.8 | 105.1 | 130 | |
| 135 | 113.3 | 109.7 | | 116.5 | 105.1 | | 115.3 | 100.7 | | | | | 111.5 | 97.1 | 102.5 | 135 | |
| 140 | 107.9 | 105.8 | | 110.8 | 101.3 | | 111.8 | 97.1 | | | | | 108.4 | 93.5 | 100.2 | 140 | |
| 145 | 103 | 102.1 | | 105.6 | 97.7 | | 108.2 | 93.7 | | | | | 105.3 | 90.2 | 98.1 | 145 | |
| 150 | 98.5 | 98.6 | | 100.8 | 94.4 | | 103.5 | 90.5 | | | | | 102.3 | 87.2 | 96.5 | 150 | |
| 155 | 94.2 | 95.3 | 81.6 | 96.5 | 91.2 | | 98.9 | 87.4 | | | | | 99.2 | 84.3 | 94.8 | 155 | |
| 160 | | 92.2 | 78.9 | | 88.3 | | 94.8 | 84.6 | | | | | 96 | 81.5 | 92 | 160 | |
| 165 | | 88.9 | 76.3 | | 85.5 | 70.9 | | 81.9 | | | | | 78.9 | 78.9 | 76 | 165 | |
| 170 | | 85.8 | 73.8 | | 82.5 | 68.6 | | 79.4 | | | | | 76.5 | 76.5 | 73.7 | 170 | |
| 175 | | 82.8 | 71.2 | | 79.7 | 66.4 | | 76.8 | | | | | 74.2 | 74.2 | 71.5 | 175 | |
| 180 | | | 68.8 | | 77 | 64.1 | | 74.2 | | | | | 71.9 | 71.9 | 69.3 | 180 | |
| 185 | | | 66.5 | | | 61.9 | | 71.7 | | | | | 69.4 | 69.4 | 67.2 | 185 | |
| 190 | | | 64.3 | | | 59.9 | | | | | | | 67.1 | 67.1 | 65 | 190 | |
| 195 | | | 62.2 | | | 57.9 | | | | | | | | 54.4 | | 49.1 | 195 |
| 200 | | | 60.2 | | | 56.1 | | | | | | | | 52.6 | | 47.5 | 200 |
| 205 | | | | | | 54.3 | | | | | | | | 50.8 | | 45.9 | 205 |
| 210 | | | | | | | | | | | | | | 49.1 | | 44.4 | 210 |
| 215 | | | | | | | | | | | | | | 47.4 | | 43 | 215 |
| 220 | | | | | | | | | | | | | | 46 | | 41.6 | 220 |
| 225 | | | | | | | | | | | | | | 44.6 | | 40.3 | 225 |
| 230 | | | | | | | | | | | | | | 43.2 | | 39 | 230 |
| 235 | | | | | | | | | | | | | | | | 37.7 | 235 |
| 240 | | | | | | | | | | | | | | | | | 230 |

* adapter - pièce d'adaptateur

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| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|-------|-----|-------------------|-----|-----|-------------------|------|-------|------|-----|
| | N149 ft | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 75 | 147.8 | | | | | | | | | | | | | | | 75 | |
| 80 | 147.8 | | | 146.4 | | | 142.6 | | | | | | | | | 80 | |
| 85 | 147.8 | | | 145.3 | | | 141.6 | | | | | | 136.1 | | | 85 | |
| 90 | 147.1 | | | 144.1 | | | 140.6 | | | | | | 135.3 | | | 90 | |
| 95 | 145.8 | | | 143 | | | 139.2 | | | | | | 134.1 | | 125.5 | 95 | |
| 100 | 144.7 | | | 140.9 | | | 135.3 | | | | | | 130.4 | | 121.7 | 100 | |
| 105 | 143.4 | | | 136.8 | | | 131.5 | | | | | | 126.9 | | 118 | 105 | |
| 110 | 139.5 | | | 133.1 | | | 127.9 | | | | | | 123.4 | | 114.3 | 110 | |
| 115 | 135.6 | 127 | | 129.5 | | | 124.5 | | | | | | 120.1 | | 110.9 | 115 | |
| 120 | 131.4 | 121.8 | | 126.2 | 116.4 | | 121.2 | | | | | | 117 | | 107.6 | 120 | |
| 125 | 125.5 | 117 | | 122.9 | 111.8 | | 118.1 | 107.2 | | | | | 114 | | 104.5 | 125 | |
| 130 | 119.1 | 112.5 | | 119.6 | 107.5 | | 115 | 103.1 | | | | | 111.1 | | 101.6 | 130 | |
| 135 | 113.1 | 108.3 | | 115.6 | 103.5 | | 112 | 99.3 | | | | | 108.2 | 94.9 | 99 | 135 | |
| 140 | 107.7 | 104.4 | | 110.6 | 99.7 | | 109.1 | 95.7 | | | | | 105.5 | 91.4 | 96.5 | 140 | |
| 145 | 102.7 | 100.7 | | 105.5 | 96.2 | | 106.1 | 92.3 | | | | | 102.9 | 88.2 | 94.3 | 145 | |
| 150 | 98 | 97.3 | | 100.7 | 93 | | 102.8 | 89.2 | | | | | 100.4 | 85.2 | 92.3 | 150 | |
| 155 | 93.9 | 94.1 | | 96.3 | 89.9 | | 98.4 | 86.2 | | | | | 97.8 | 82.4 | 90.6 | 155 | |
| 160 | 89.8 | 91 | | 92.1 | 87 | | 94.2 | 83.4 | | | | | 95.1 | 79.7 | 89.2 | 160 | |
| 165 | 86.1 | 88.2 | 75.2 | 88.3 | 84.2 | | 90.2 | 80.8 | | | | | 92.4 | 77.2 | 87.9 | 165 | |
| 170 | | 85.5 | 72.8 | 84.6 | 81.7 | 67.5 | 86.5 | 78.3 | | | | | 89.3 | 74.8 | 85.7 | 170 | |
| 175 | | 82.8 | 70.6 | | 79.2 | 65.4 | | 76 | | | | | | 72.5 | 83.2 | 82 | 175 |
| 180 | | 80 | 68.4 | | 76.8 | 63.3 | | 73.8 | | | | | | 70.4 | | 67.7 | 180 |
| 185 | | 77.4 | 66.2 | | 74.3 | 61.5 | | 71.6 | | | | | | 68.4 | | 65.7 | 185 |
| 190 | | | 64.1 | | 71.9 | 59.5 | | 69.3 | | | | | | 66.5 | | 63.9 | 190 |
| 195 | | | 62 | | | 57.6 | | | | | | | | 64.4 | | 62.1 | 195 |
| 200 | | | 60 | | | 55.8 | | 67 | | | | | | 62.3 | | 60.2 | 200 |
| 205 | | | 58.2 | | | 54 | | | | | | | | 60.7 | | 58.3 | 205 |
| 210 | | | 56.4 | | | 52.3 | | | | | | | | 58.3 | | 56.4 | 210 |
| 215 | | | | | | 50.7 | | | | | | | | 56.7 | | 54.8 | 215 |
| 220 | | | | | | 49.1 | | | | | | | | 55.4 | | 53.8 | 220 |
| 225 | | | | | | | | | | | | | | 54 | | 52 | 225 |
| 230 | | | | | | | | | | | | | | 52.3 | | 50.4 | 230 |
| 235 | | | | | | | | | | | | | | 50.4 | | 48.8 | 235 |
| 240 | | | | | | | | | | | | | | 48.8 | | 47.2 | 240 |

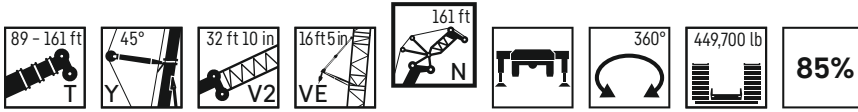
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

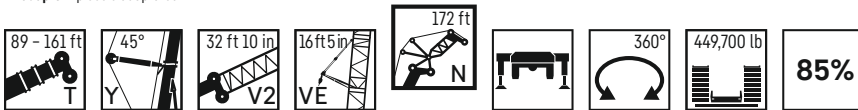
TYV2EN 161 ft – 172 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|------|-----|
| | N 161 ft | | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | | |
| 80 | 133.2 | | | | | | | | | | | | | | | 80 | |
| 85 | 133.2 | | | 129.1 | | | 128.7 | | | | | | | | | 85 | |
| 90 | 133.2 | | | 129.1 | | | 127.8 | | | 123 | | | 118.6 | | | 90 | |
| 95 | 132.8 | | | 129.1 | | | 126.9 | | | 122.4 | | | 118 | | | 95 | |
| 100 | 131.7 | | | 128.9 | | | 126.1 | | | 121.7 | | | 116.3 | | | 100 | |
| 105 | 130.7 | | | 128.1 | | | 125.3 | | | 121 | | | 113.1 | | | 105 | |
| 110 | 129.7 | | | 127.2 | | | 122.9 | | | 118.2 | | | 110 | | | 110 | |
| 115 | 128.7 | | | 124.8 | | | 119.8 | | | 115.1 | | | 106.8 | | | 115 | |
| 120 | 125.1 | 114.8 | | 121.6 | | | 116.7 | | | 112.1 | | | 103.8 | | | 120 | |
| 125 | 121.2 | 114.5 | | 118.5 | 106.8 | | 113.6 | | | 109.3 | | | 100.9 | | | 125 | |
| 130 | 116.6 | 110.1 | | 115.5 | 104.8 | | 110.7 | | | 106.6 | | | 98.2 | | | 130 | |
| 135 | 111.2 | 106 | | 112.4 | 100.9 | | 108 | 96.7 | | 104 | | | 95.5 | | | 135 | |
| 140 | 106.1 | 102.2 | | 109 | 97.2 | | 105.4 | 93.2 | | 101.5 | 89.1 | | 93.1 | | | 140 | |
| 145 | 101.2 | 98.6 | | 104.4 | 93.8 | | 102.9 | 89.9 | | 99.1 | 85.9 | | 90.7 | 83.1 | | 145 | |
| 150 | 96.7 | 95.2 | | 99.6 | 90.6 | | 100.3 | 86.8 | | 96.7 | 83 | | 88.8 | 80.3 | | 150 | |
| 155 | 92.5 | 92.1 | | 95.2 | 87.6 | | 97 | 83.9 | | 94.4 | 80.2 | | 86.9 | 77.6 | | 155 | |
| 160 | 88.6 | 89.1 | | 91.1 | 84.7 | | 93.1 | 81.2 | | 92.2 | 77.6 | | 85.2 | 75 | | 160 | |
| 165 | 84.9 | 86.3 | | 87.3 | 82 | | 89.2 | 78.6 | | 90.1 | 75.1 | | 83.7 | 72.6 | | 165 | |
| 170 | 81.4 | 83.6 | 71 | 83.7 | 79.5 | | 85.6 | 76.2 | | 87.6 | 72.7 | | 82.4 | 70.4 | | 170 | |
| 175 | 78.3 | 81.1 | 68.8 | 80.3 | 77.1 | | 82.1 | 73.9 | | 84.5 | 70.5 | | 81.4 | 68.3 | | 175 | |
| 180 | | 78.8 | 66.7 | 77.1 | 74.9 | 61.4 | 78.7 | 71.7 | | 81 | 68.4 | | 79.8 | 66.2 | | 180 | |
| 185 | | 76.5 | 64.7 | | 72.7 | 59.5 | | 69.6 | 55.2 | | 77.8 | 66.5 | | 77.6 | 64.3 | | 185 |
| 190 | | 74.2 | 62.8 | | 70.7 | 57.7 | | 67.7 | 53.5 | | | 64.6 | | | 62.5 | | 190 |
| 195 | | 71.8 | 61 | | 68.6 | 56.1 | | 65.8 | 51.9 | | | 62.8 | 47.9 | | 60.7 | | 195 |
| 200 | | 69.5 | 59.1 | | 66.4 | 54.5 | | 64 | 50.4 | | | 61.1 | 46.5 | | 59.1 | | 200 |
| 205 | | | 57.3 | | | 52.8 | | 62 | 49 | | | 59.4 | 45.2 | | 57.5 | 42.3 | 205 |
| 210 | | | 55.5 | | | 51.2 | | | 47.6 | | | 57.6 | 43.9 | | 56 | 41 | 210 |
| 215 | | | 53.8 | | | 49.6 | | | 46.1 | | | | 42.6 | | 54.3 | 39.9 | 215 |
| 220 | | | 52.1 | | | 48.1 | | | 44.6 | | | | 41.3 | | | 38.7 | 220 |
| 225 | | | | | | 46.6 | | | 43.3 | | | | 40 | | | 37.5 | 225 |
| 230 | | | | | | 45.2 | | | 41.9 | | | | 38.8 | | | 36.3 | 230 |
| 235 | | | | | | | | | 40.7 | | | | 37.6 | | | 35.2 | 235 |
| 240 | | | | | | | | | | | | | 36.4 | | | 34.1 | 240 |
| 245 | | | | | | | | | | | | | 35.3 | | | 33 | 245 |
| 250 | | | | | | | | | | | | | | | | 32 | 250 |

* adapter - pièce d'adaptateur

t_198_208_00801_00_000



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|------|-------------------|-------|------|-------------------|------|------|-------------------|-----|-----|-------------------|------|-----|-----|
| | N 172 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 80 | 124.6 | | | | | | | | | | | | | | | 80 |
| 85 | 123.6 | | | 121 | | | | | | | | | | | | 85 |
| 90 | 122.6 | | | 120.2 | | | 117.3 | | | | | | | | | 90 |
| 95 | 121.7 | | | 119.3 | | | 116.6 | | | | | | 112.1 | | | 95 |
| 100 | 120.8 | | | 118.6 | | | 115.8 | | | | | | 111.6 | | | 100 |
| 105 | 119.9 | | | 117.7 | | | 115.1 | | | | | | 111 | | | 105 |
| 110 | 119.1 | | | 117 | | | 114.5 | | | | | | 110.5 | | | 110 |
| 115 | 118.3 | | | 116.4 | | | 113.9 | | | | | | 110 | | | 115 |
| 120 | 117.7 | | | 115.8 | | | 113.3 | | | | | | 109.4 | | | 120 |
| 125 | 117.1 | 110.4 | | 115.1 | | | 111 | | | | | | 107.7 | | | 125 |
| 130 | 114.6 | 108.3 | | 112.2 | 103.8 | | 108.2 | | | | | | 105.1 | | | 130 |
| 135 | 110.5 | 104.3 | | 109.3 | 100 | | 105.4 | | | | | | 102.5 | | | 135 |
| 140 | 105.9 | 100.5 | | 106.6 | 96.4 | | 102.7 | 92.4 | | | | | 100 | | | 140 |
| 145 | 101.3 | 97 | | 103.9 | 93 | | 100.2 | 89.2 | | | | | 97.6 | | | 145 |
| 150 | 97.1 | 93.7 | | 100.6 | 89.8 | | 97.8 | 86.1 | | | | | 95.2 | 84.9 | | 150 |
| 155 | 93 | 90.6 | | 96.5 | 86.8 | | 95.4 | 83.2 | | | | | 92.9 | 82 | | 155 |
| 160 | 89.2 | 87.6 | | 92.5 | 84 | | 92.9 | 80.6 | | | | | 90.8 | 79.3 | | 160 |
| 165 | 85.5 | 84.9 | | 88.6 | 81.4 | | 90 | 78 | | | | | 88.7 | 76.7 | | 165 |
| 170 | 82 | 82.3 | | 85 | 78.9 | | 86.8 | 75.6 | | | | | 86.6 | 74.2 | | 170 |
| 175 | 78.7 | 79.8 | 67.6 | 81.6 | 76.5 | | 83.3 | 73.3 | | | | | 84.4 | 71.9 | | 175 |
| 180 | 75.7 | 77.4 | 65.5 | 78.3 | 74.2 | | 80 | 71.1 | | | | | 82 | 69.7 | | 180 |
| 185 | 72.9 | 75.2 | 63.5 | 75.3 | 72.1 | 59.1 | 76.8 | 69.1 | | | | | 79.4 | 67.7 | | 185 |
| 190 | 66 | 73.1 | 61.7 | 72.5 | 70.1 | 57.3 | 73.9 | 67.1 | | | | | 76.3 | 65.7 | | 190 |
| 195 | | 71.1 | 59.9 | | 68.1 | 55.7 | | 65.3 | 51.6 | | | | 73.4 | 63.8 | | 195 |
| 200 | | 69.2 | 58.2 | | 66.3 | 54.1 | | 63.5 | 50.1 | | | | 70.4 | 62.1 | | 200 |
| 205 | | 67.1 | 56.6 | | 64.5 | 52.5 | | 61.8 | 48.7 | | | | 68.8 | 60.4 | | 205 |
| 210 | | 65.1 | 55 | | 62.6 | 51.1 | | 60.2 | 47.3 | | | | 67.2 | 58.8 | | 210 |
| 215 | | | 53.4 | | 60.7 | 49.7 | | 58.5 | 46 | | | | 65.8 | 57.2 | | 215 |
| 220 | | | 51.8 | | | 48.2 | | 56.7 | 44.8 | | | | 64.4 | 55.8 | | 220 |
| 225 | | | 50.3 | | | 46.8 | | | 43.5 | | | | 63.1 | 54.2 | | 225 |
| 230 | | | 48.8 | | | 45.4 | | | 42.2 | | | | 61.9 | 52.9 | | 230 |
| 235 | | | 47.3 | | | 44 | | | 40.9 | | | | 60.7 | 51.7 | | 235 |
| 240 | | | | | | 42.7 | | | 39.7 | | | | 59.5 | 50.5 | | 240 |
| 245 | | | | | | | | | 38.5 | | | | 58.3 | 49.3 | | 245 |
| 250 | | | | | | | | | 37.3 | | | | 57.1 | 48.1 | | 250 |
| 255 | | | | | | | | | | | | | 55.9 | 46.9 | | 255 |
| 260 | | | | | | | | | | | | | 54.7 | 45.7 | | 260 |
| 265 | | | | | | | | | | | | | 53.5 | 44.5 | | 265 |

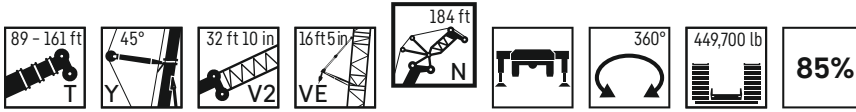
* adapter - pièce d'adaptateur

t_198_208_00901_00_000

Lifting capacities

Forces de levage

TYV2EN 184 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|-------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 85 | 112.6 | | | 110.2 | | | | | | | | | | | | 85 |
| 90 | 111.9 | | | 109.7 | | | 104.7 | | | | | | | | | 90 |
| 95 | 111 | | | 108.9 | | | 104.7 | | | 101 | | | | | | 95 |
| 100 | 110.2 | | | 108.2 | | | 104.7 | | | 101 | | | 97.8 | | | 100 |
| 105 | 109.5 | | | 107.5 | | | 104.6 | | | 101 | | | 97.4 | | | 105 |
| 110 | 108.7 | | | 106.8 | | | 104.3 | | | 100.6 | | | 97 | | | 110 |
| 115 | 107.9 | | | 106.1 | | | 103.7 | | | 100.1 | | | 96.4 | | | 115 |
| 120 | 107.3 | | | 105.6 | | | 103.2 | | | 99.7 | | | 94.5 | | | 120 |
| 125 | 106.8 | | | 105.1 | | | 102.7 | | | 99.3 | | | 92.3 | | | 125 |
| 130 | 106.3 | 100.1 | | 104.6 | | | 102.3 | | | 98.9 | | | 90.1 | | | 130 |
| 135 | 105.5 | 99.7 | | 104 | 97.4 | | 101.6 | | | 98.2 | | | 88 | | | 135 |
| 140 | 103.4 | 98.4 | | 101.8 | 94.2 | | 99.4 | 89.9 | | 96.1 | | | 86 | | | 140 |
| 145 | 100.2 | 95.2 | | 99.2 | 90.9 | | 96.9 | 86.7 | | 94 | | | 84 | | | 145 |
| 150 | 96 | 91.9 | | 96.6 | 87.8 | | 94.5 | 83.8 | | 92 | 79.6 | | 82.1 | | | 150 |
| 155 | 92.2 | 88.9 | | 93.8 | 84.9 | | 92.3 | 81 | | 89.8 | 77 | | 80.4 | 73.7 | | 155 |
| 160 | 88.7 | 86 | | 90.3 | 82.1 | | 90.1 | 78.3 | | 87.8 | 74.4 | | 78.8 | 71.3 | | 160 |
| 165 | 85.3 | 83.3 | | 86.8 | 79.5 | | 87.9 | 75.8 | | 85.8 | 72.1 | | 77.2 | 69 | | 165 |
| 170 | 82 | 80.7 | | 83.5 | 77 | | 85.3 | 73.5 | | 83.8 | 69.8 | | 75.7 | 66.9 | | 170 |
| 175 | 78.7 | 78.3 | | 80.2 | 74.7 | | 82.1 | 71.3 | | 81.9 | 67.7 | | 74.5 | 64.8 | | 175 |
| 180 | 75.5 | 76 | | 77 | 72.5 | | 78.9 | 69.1 | | 79.9 | 65.6 | | 73.3 | 62.8 | | 180 |
| 185 | 72.6 | 73.8 | 62.2 | 74 | 70.4 | | 75.8 | 67.1 | | 77.7 | 63.7 | | 72.1 | 61 | | 185 |
| 190 | 69.9 | 71.7 | 60.3 | 71.2 | 68.4 | 55.6 | 72.8 | 65.2 | | 75.2 | 61.9 | | 71.1 | 59.2 | | 190 |
| 195 | 67.3 | 69.7 | 58.5 | 68.5 | 66.5 | 54 | 70.1 | 63.4 | | 72.4 | 60.1 | | 70.2 | 57.6 | | 195 |
| 200 | 63.1 | 67.8 | 56.9 | 66 | 64.7 | 52.4 | 67.5 | 61.6 | 48.3 | 69.6 | 58.5 | | 69.4 | 56 | | 200 |
| 205 | | 66 | 55.3 | | 63 | 50.9 | 65 | 60 | 46.9 | 67 | 56.9 | | 67.8 | 54.4 | | 205 |
| 210 | | 64.3 | 53.8 | | 61.3 | 49.5 | | 58.4 | 45.5 | | 55.4 | 41.7 | 65.9 | 53 | | 210 |
| 215 | | 62.6 | 52.3 | | 59.8 | 48.1 | | 56.9 | 44.3 | | 53.9 | 40.5 | | 51.6 | | 215 |
| 220 | | 60.8 | 50.9 | | 58.2 | 46.8 | | 55.5 | 43 | | 52.6 | 39.3 | | 50.2 | 36.1 | 220 |
| 225 | | | 49.6 | | 56.5 | 45.6 | | 54.1 | 41.9 | | 51.3 | 38.2 | | 49 | 35 | 225 |
| 230 | | | 48.1 | | | 44.4 | | 52.5 | 40.7 | | 50 | 37.2 | | 47.8 | 34 | 230 |
| 235 | | | 46.7 | | | 43.1 | | | 39.7 | | 48.6 | 36.2 | | 46.6 | 33.1 | 235 |
| 240 | | | 45.4 | | | 41.9 | | | 38.6 | | | 35.2 | | 45.4 | 32.2 | 240 |
| 245 | | | 44 | | | 40.6 | | | 37.4 | | | 34.2 | | | 31.3 | 245 |
| 250 | | | | | | 39.4 | | | 36.3 | | | 33.2 | | | 30.4 | 250 |
| 255 | | | | | | 38.2 | | | 35.2 | | | 32.2 | | | 29.5 | 255 |
| 260 | | | | | | | | | 34.2 | | | 31.2 | | | 28.6 | 260 |
| 265 | | | | | | | | | | | | 30.3 | | | 27.7 | 265 |
| 270 | | | | | | | | | | | | | | | 26.8 | 270 |
| 275 | | | | | | | | | | | | | | | 26 | 275 |

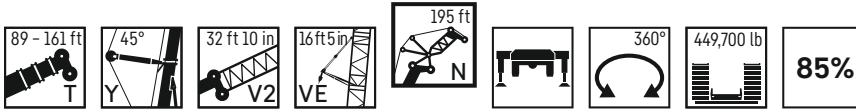
* adapter - pièce d'adaptateur

t_198_208_01001_00_000

Lifting capacities

Forces de levage

TYV2EN 195 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 90 | 101.3 | | | 98.9 | | | | | | | | | | | | 90 |
| 95 | 100.8 | | | 98.9 | | | 95.2 | | | | | | | | | 95 |
| 100 | 100.1 | | | 98.3 | | | 95.2 | | | 91.9 | | | 88.9 | | | 100 |
| 105 | 99.4 | | | 97.7 | | | 95.2 | | | 91.9 | | | 88.9 | | | 105 |
| 110 | 98.7 | | | 97.1 | | | 95 | | | 91.7 | | | 88.6 | | | 110 |
| 115 | 98.1 | | | 96.5 | | | 94.4 | | | 91.3 | | | 88.2 | | | 115 |
| 120 | 97.5 | | | 95.9 | | | 93.9 | | | 90.8 | | | 87.9 | | | 120 |
| 125 | 96.9 | | | 95.4 | | | 93.4 | | | 90.4 | | | 87.5 | | | 125 |
| 130 | 96.4 | | | 94.9 | | | 93 | | | 90 | | | 86.1 | | | 130 |
| 135 | 96 | 90.3 | | 94.5 | | | 92.6 | | | 89.7 | | | 84.6 | | | 135 |
| 140 | 95.6 | 90 | | 94.1 | 88.2 | | 92.3 | | | 89.2 | | | 82.8 | | | 140 |
| 145 | 94.9 | 89.7 | | 93.8 | 87.9 | | 92 | 85.2 | | 88.3 | | | 81.1 | | | 145 |
| 150 | 94 | 89.4 | | 93.5 | 86.3 | | 91.1 | 82.6 | | 87.2 | | | 79.4 | | | 150 |
| 155 | 90.9 | 87.4 | | 91.9 | 83.4 | | 89.2 | 79.8 | | 85.7 | 75.9 | | 77.7 | | | 155 |
| 160 | 87.3 | 84.6 | | 88.7 | 80.7 | | 87.2 | 77.2 | | 84.1 | 73.4 | | 76.2 | 70.6 | | 160 |
| 165 | 84.1 | 81.9 | | 85.5 | 78.1 | | 85.2 | 74.8 | | 82.5 | 71 | | 74.7 | 68.4 | | 165 |
| 170 | 81 | 79.4 | | 82.3 | 75.7 | | 82.9 | 72.5 | | 81 | 68.8 | | 73.3 | 66.3 | | 170 |
| 175 | 78.1 | 77 | | 79.3 | 73.4 | | 80.4 | 70.3 | | 79.5 | 66.7 | | 72 | 64.3 | | 175 |
| 180 | 75.2 | 74.7 | | 76.5 | 71.3 | | 77.8 | 68.2 | | 77.8 | 64.7 | | 70.7 | 62.3 | | 180 |
| 185 | 72.3 | 72.6 | | 73.7 | 69.2 | | 75 | 66.2 | | 76 | 62.8 | | 69.7 | 60.5 | | 185 |
| 190 | 69.6 | 70.5 | 59.3 | 70.8 | 67.2 | | 72.1 | 64.3 | | 74.3 | 61 | | 68.6 | 58.8 | | 190 |
| 195 | 67 | 68.6 | 57.5 | 68.2 | 65.4 | 53 | 69.4 | 62.5 | | 71.6 | 59.3 | | 67.6 | 57.1 | | 195 |
| 200 | 64.5 | 66.7 | 55.9 | 65.7 | 63.6 | 51.4 | 66.8 | 60.8 | | 68.9 | 57.7 | | 66.6 | 55.6 | | 200 |
| 205 | 62.3 | 65 | 54.3 | 63.4 | 61.9 | 50 | 64.4 | 59.2 | 46.1 | 66.3 | 56.1 | | 65.8 | 54.1 | | 205 |
| 210 | 60.1 | 63.3 | 52.8 | 61.1 | 60.3 | 48.6 | 62.1 | 57.6 | 44.8 | 63.9 | 54.6 | | 65.2 | 52.6 | | 210 |
| 215 | | 61.7 | 51.4 | 56.9 | 58.8 | 47.3 | 60 | 56.1 | 43.6 | 61.6 | 53.2 | 39.8 | 64 | 51.2 | | 215 |
| 220 | | 60.1 | 50 | | 57.3 | 46 | | 54.7 | 42.3 | | 51.8 | 38.7 | 62.1 | 49.9 | | 220 |
| 225 | | 58.7 | 48.7 | | 55.9 | 44.7 | | 53.4 | 41.2 | | 50.5 | 37.6 | | 48.6 | 34.9 | 225 |
| 230 | | 57.2 | 47.5 | | 54.5 | 43.6 | | 52.1 | 40.1 | | 49.3 | 36.6 | | 47.4 | 33.9 | 230 |
| 235 | | | 46.3 | | 53.2 | 42.4 | | 50.9 | 39 | | 48.1 | 35.6 | | 46.3 | 32.9 | 235 |
| 240 | | | 45.1 | | | 41.3 | | 49.6 | 38 | | 47 | 34.6 | | 45.2 | 32 | 240 |
| 245 | | | 43.8 | | | 40.3 | | | 37 | | 45.9 | 33.7 | | 44.1 | 31.2 | 245 |
| 250 | | | 42.6 | | | 39.2 | | | 36.1 | | | 32.8 | | 43.1 | 30.3 | 250 |
| 255 | | | 41.4 | | | 38.1 | | | 35.1 | | | 31.9 | | | 29.5 | 255 |
| 260 | | | | | | 37 | | | 34.1 | | | 31.1 | | | 28.7 | 260 |
| 265 | | | | | | 35.9 | | | 33.1 | | | 30.2 | | | 27.9 | 265 |
| 270 | | | | | | | | | 32.1 | | | 29.3 | | | 27.1 | 270 |
| 275 | | | | | | | | | | | | 28.4 | | | 26.2 | 275 |
| 280 | | | | | | | | | | | | 27.5 | | | 25.4 | 280 |
| 285 | | | | | | | | | | | | | | | 24.6 | 285 |

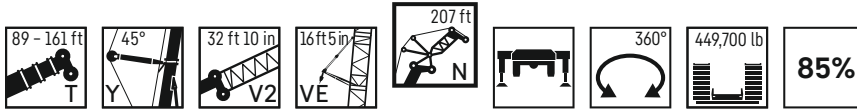
* adapter - pièce d'adaptateur

t_198_208_01101_00_000

Lifting capacities

Forces de levage

TYV2EN 207 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 90 | 90.5 | | | | | | | | | | | | | | | 90 |
| 95 | 90.5 | | | 89.2 | | | | | | | | | | | | 95 |
| 100 | 90.5 | | | 89.2 | | | 86.9 | | | | | | | | | 100 |
| 105 | 90.5 | | | 89.1 | | | 86.9 | | | 83.6 | | | 79.7 | | | 105 |
| 110 | 89.9 | | | 88.5 | | | 86.7 | | | 83.6 | | | 79.7 | | | 110 |
| 115 | 89.3 | | | 87.9 | | | 86.1 | | | 83.6 | | | 79.7 | | | 115 |
| 120 | 88.7 | | | 87.4 | | | 85.7 | | | 83.2 | | | 79.7 | | | 120 |
| 125 | 88.2 | | | 86.8 | | | 85.2 | | | 82.7 | | | 79.6 | | | 125 |
| 130 | 87.6 | | | 86.4 | | | 84.7 | | | 82.3 | | | 79.3 | | | 130 |
| 135 | 87 | | | 85.9 | | | 84.3 | | | 81.9 | | | 78.8 | | | 135 |
| 140 | 86.2 | 81.7 | | 85.1 | | | 83.7 | | | 81.6 | | | 78.2 | | | 140 |
| 145 | 85.2 | 81.4 | | 84.1 | 79.9 | | 82.9 | | | 81.2 | | | 76.8 | | | 145 |
| 150 | 84.2 | 81.1 | | 83.2 | 79.7 | | 82 | 77.5 | | 80.4 | | | 75.4 | | | 150 |
| 155 | 83.3 | 80.9 | | 82.3 | 79.4 | | 81.2 | 77.3 | | 79.6 | | | 73.9 | | | 155 |
| 160 | 82.4 | 80.6 | | 81.4 | 78.9 | | 80.4 | 75.7 | | 78.7 | 72.2 | | 72.4 | | | 160 |
| 165 | 81.5 | 80.1 | | 80.6 | 76.7 | | 79.6 | 73.3 | | 77.7 | 69.9 | | 71.1 | 65.6 | | 165 |
| 170 | 80.1 | 77.9 | | 79.8 | 74.3 | | 78.8 | 71.1 | | 76.6 | 67.8 | | 69.8 | 64.1 | | 170 |
| 175 | 77.4 | 75.6 | | 78.4 | 72.1 | | 77.9 | 68.9 | | 75.3 | 65.7 | | 68.5 | 62.2 | | 175 |
| 180 | 74.6 | 73.4 | | 75.8 | 69.9 | | 76.4 | 66.8 | | 74.1 | 63.7 | | 67.3 | 60.4 | | 180 |
| 185 | 72.1 | 71.2 | | 73.2 | 67.9 | | 74.2 | 64.9 | | 72.9 | 61.9 | | 66.1 | 58.6 | | 185 |
| 190 | 69.5 | 69.2 | | 70.7 | 66 | | 71.8 | 63 | | 71.7 | 60.1 | | 65.1 | 56.9 | | 190 |
| 195 | 67 | 67.3 | 56.3 | 68.2 | 64.1 | | 69.3 | 61.3 | | 70.2 | 58.4 | | 64 | 55.3 | | 195 |
| 200 | 64.5 | 65.5 | 54.7 | 65.7 | 62.3 | | 66.9 | 59.6 | | 68.5 | 56.8 | | 63.1 | 53.7 | | 200 |
| 205 | 62.2 | 63.7 | 53.2 | 63.3 | 60.7 | 48.8 | 64.5 | 58 | | 66.1 | 55.2 | | 62.1 | 52.2 | | 205 |
| 210 | 60 | 62 | 51.7 | 61 | 59.1 | 47.4 | 62.1 | 56.4 | | 63.6 | 53.7 | | 61.3 | 50.8 | | 210 |
| 215 | 58 | 60.4 | 50.3 | 58.9 | 57.5 | 46.1 | 59.9 | 55 | 42.5 | 61.4 | 52.3 | | 60.6 | 49.5 | | 215 |
| 220 | 55.9 | 58.9 | 48.9 | 56.9 | 56.1 | 44.8 | 57.9 | 53.5 | 41.3 | 59.2 | 51 | 37.8 | 60 | 48.2 | | 220 |
| 225 | 48.6 | 57.4 | 47.6 | 53.9 | 54.7 | 43.6 | 55.9 | 52.2 | 40.1 | 57.1 | 49.7 | 36.8 | 58.9 | 46.9 | | 225 |
| 230 | | 56 | 46.4 | | 53.3 | 42.5 | | 50.9 | 39 | 55.1 | 48.4 | 35.7 | 56.9 | 45.7 | | 230 |
| 235 | | 54.7 | 45.2 | | 52 | 41.3 | | 49.7 | 38 | | 47.2 | 34.7 | | 44.6 | 31.3 | 235 |
| 240 | | 53.4 | 44 | | 50.8 | 40.3 | | 48.5 | 37 | | 46.1 | 33.8 | | 43.5 | 30.4 | 240 |
| 245 | | 52 | 42.9 | | 49.6 | 39.2 | | 47.3 | 36 | | 45 | 32.9 | | 42.5 | 29.5 | 245 |
| 250 | | | 41.9 | | 48.3 | 38.3 | | 46.3 | 35.1 | | 44 | 32 | | 41.5 | 28.7 | 250 |
| 255 | | | 40.8 | | | 37.3 | | | 34.2 | | 43 | 31.2 | | 40.5 | 27.9 | 255 |
| 260 | | | 39.7 | | | 36.4 | | | 33.3 | | | 30.4 | | 39.6 | 27.2 | 260 |
| 265 | | | 38.5 | | | 35.3 | | | 32.5 | | | 29.6 | | | 26.5 | 265 |
| 270 | | | 37.4 | | | 34.3 | | | 31.5 | | | 28.8 | | | 25.7 | 270 |
| 275 | | | | | | 33.3 | | | 30.6 | | | 28 | | | 25.1 | 275 |
| 280 | | | | | | | | | 29.7 | | | 27.2 | | | 24.3 | 280 |
| 285 | | | | | | | | | 28.8 | | | 26.3 | | | 23.6 | 285 |
| 290 | | | | | | | | | | | | 25.5 | | | 22.8 | 290 |
| 295 | | | | | | | | | | | | | | | 22.1 | 295 |
| 300 | | | | | | | | | | | | | | | 21.4 | 300 |

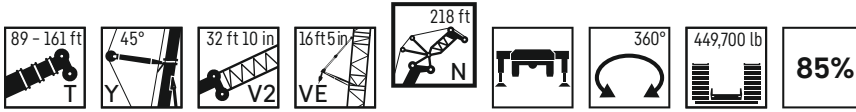
* adapter - pièce d'adaptateur

t_198_208_01201_00_000

Lifting capacities

Forces de levage

TYV2EN 218 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 95 | 81 | | | 79.5 | | | | | | | | | | | | 95 |
| 100 | 81 | | | 79.5 | | | | | | | | | | | | 100 |
| 105 | 81 | | | 79.5 | | | 75.9 | | | 75 | | | | | | 105 |
| 110 | 81 | | | 79.5 | | | 75.9 | | | 75 | | | 72.9 | | | 110 |
| 115 | 81 | | | 79.5 | | | 75.9 | | | 75 | | | 72.9 | | | 115 |
| 120 | 81 | | | 79.5 | | | 75.9 | | | 75 | | | 72.9 | | | 120 |
| 125 | 80.6 | | | 79.4 | | | 75.9 | | | 75 | | | 72.9 | | | 125 |
| 130 | 80 | | | 78.9 | | | 75.9 | | | 75 | | | 72.6 | | | 130 |
| 135 | 79.6 | | | 78.4 | | | 75.9 | | | 74.9 | | | 72.3 | | | 135 |
| 140 | 79.1 | | | 78 | | | 75.9 | | | 74.7 | | | 72 | | | 140 |
| 145 | 78.5 | 74.1 | | 77.5 | | | 75.9 | | | 74.3 | | | 71.7 | | | 145 |
| 150 | 77.9 | 73.9 | | 76.8 | 72.5 | | 75.5 | | | 73.8 | | | 71.2 | | | 150 |
| 155 | 77.2 | 73.6 | | 76.1 | 72.3 | | 74.9 | 70.4 | | 73.2 | | | 70.3 | | | 155 |
| 160 | 76.5 | 73.4 | | 75.4 | 72 | | 74.2 | 70.2 | | 72.6 | 67.5 | | 69 | | | 160 |
| 165 | 75.7 | 73.1 | | 74.7 | 71.9 | | 73.6 | 70.1 | | 72 | 67.4 | | 67.8 | | | 165 |
| 170 | 75.1 | 73 | | 74 | 71.7 | | 72.9 | 69.2 | | 71.4 | 66.3 | | 66.5 | 61.8 | | 170 |
| 175 | 74.4 | 72.8 | | 73.4 | 70.4 | | 72.4 | 67.2 | | 70.8 | 64.3 | | 65.3 | 60.6 | | 175 |
| 180 | 73 | 71.7 | | 72.8 | 68.3 | | 71.8 | 65.2 | | 69.8 | 62.4 | | 64.1 | 59 | | 180 |
| 185 | 70.5 | 69.6 | | 71.2 | 66.3 | | 71 | 63.3 | | 68.7 | 60.5 | | 63 | 57.3 | | 185 |
| 190 | 68.2 | 67.6 | | 69.1 | 64.4 | | 69.6 | 61.5 | | 67.7 | 58.8 | | 61.9 | 55.6 | | 190 |
| 195 | 65.9 | 65.7 | | 66.9 | 62.6 | | 67.9 | 59.7 | | 66.7 | 57.1 | | 60.9 | 54 | | 195 |
| 200 | 63.7 | 63.9 | | 64.6 | 60.8 | | 65.7 | 58.1 | | 65.6 | 55.5 | | 59.9 | 52.5 | | 200 |
| 205 | 61.5 | 62.2 | 51.8 | 62.5 | 59.2 | | 63.6 | 56.5 | | 64.3 | 54 | | 58.9 | 51 | | 205 |
| 210 | 59.3 | 60.6 | 50.3 | 60.3 | 57.6 | 46 | 61.4 | 55 | | 62.4 | 52.6 | | 58.1 | 49.7 | | 210 |
| 215 | 57.2 | 59 | 48.9 | 58.2 | 56.1 | 44.7 | 59.2 | 53.5 | | 60.2 | 51.2 | | 57.4 | 48.3 | | 215 |
| 220 | 55.2 | 57.5 | 47.6 | 56.1 | 54.7 | 43.5 | 57.1 | 52.1 | 39.9 | 58.1 | 49.8 | | 56.7 | 47 | | 220 |
| 225 | 53.4 | 56 | 46.3 | 54.2 | 53.3 | 42.3 | 55.1 | 50.8 | 38.8 | 56 | 48.5 | | 56.1 | 45.8 | | 225 |
| 230 | 51.5 | 54.6 | 45.1 | 52.4 | 52 | 41.2 | 53.2 | 49.5 | 37.7 | 54.1 | 47.3 | 34.7 | 55.6 | 44.7 | | 230 |
| 235 | 46.9 | 53.3 | 43.9 | 50.5 | 50.7 | 40.1 | 51.5 | 48.3 | 36.7 | 52.3 | 46.1 | 33.7 | 53.9 | 43.5 | | 235 |
| 240 | | 52.1 | 42.8 | | 49.5 | 39 | 49 | 47.2 | 35.7 | 50.6 | 45 | 32.7 | 52 | 42.4 | 29.4 | 240 |
| 245 | | 50.8 | 41.7 | | 48.3 | 38 | | 46 | 34.8 | | 43.9 | 31.8 | | 41.4 | 28.5 | 245 |
| 250 | | 49.7 | 40.7 | | 47.2 | 37 | | 44.9 | 33.8 | | 42.9 | 31 | | 40.4 | 27.7 | 250 |
| 255 | | 48.6 | 39.6 | | 46.1 | 36.1 | | 43.9 | 33 | | 41.9 | 30.1 | | 39.5 | 27 | 255 |
| 260 | | | 38.7 | | 45.1 | 35.2 | | 42.9 | 32.1 | | 40.9 | 29.4 | | 38.5 | 26.2 | 260 |
| 265 | | | 37.8 | | | 34.3 | | 42 | 31.3 | | 40 | 28.6 | | 37.7 | 25.5 | 265 |
| 270 | | | 36.8 | | | 33.5 | | | 30.5 | | 39.1 | 27.8 | | 36.8 | 24.8 | 270 |
| 275 | | | 35.8 | | | 32.7 | | | 29.7 | | | 27.1 | | 36 | 24.1 | 275 |
| 280 | | | 34.8 | | | 31.7 | | | 29 | | | 26.4 | | | 23.5 | 280 |
| 285 | | | | | | 30.8 | | | 28.2 | | | 25.7 | | | 22.9 | 285 |
| 290 | | | | | | | | | 27.3 | | | 25 | | | 22.2 | 290 |
| 295 | | | | | | | | | 26.5 | | | 24.3 | | | 21.6 | 295 |
| 300 | | | | | | | | | | | | 23.5 | | | 20.9 | 300 |
| 305 | | | | | | | | | | | | | | | 20.2 | 305 |
| 310 | | | | | | | | | | | | | | | 19.5 | 310 |

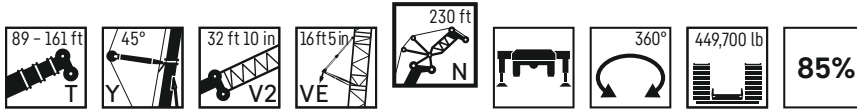
* adapter - pièce d'adaptateur

t_198_208_01301_00_000

Lifting capacities

Forces de levage

TYV2EN 230 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | N 230 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 100 | 72.5 | | | 70.9 | | | | | | | | | | | | 100 |
| 105 | 72.5 | | | 70.9 | | | 65.2 | | | | | | | | | 105 |
| 110 | 72.5 | | | 70.9 | | | 65.2 | | | 65.3 | | | | | | 110 |
| 115 | 72.5 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 115 |
| 120 | 72.5 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 120 |
| 125 | 72.5 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 125 |
| 130 | 72.5 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 130 |
| 135 | 72.4 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 135 |
| 140 | 72.1 | | | 70.9 | | | 65.2 | | | 65.3 | | | 64.1 | | | 140 |
| 145 | 71.6 | | | 70.6 | | | 65.2 | | | 65.3 | | | 64.1 | | | 145 |
| 150 | 71.1 | 67.1 | | 70.2 | | | 65.2 | | | 65.3 | | | 64.1 | | | 150 |
| 155 | 70.6 | 66.8 | | 69.7 | 65.6 | | 65.2 | | | 65.3 | | | 64.1 | | | 155 |
| 160 | 70 | 66.5 | | 69.1 | 65.4 | | 65.2 | 63.6 | | 65.3 | | | 64.1 | | | 160 |
| 165 | 69.4 | 66.3 | | 68.4 | 65.2 | | 65.2 | 63.5 | | 65.3 | | | 63.6 | | | 165 |
| 170 | 68.7 | 66.1 | | 67.8 | 65 | | 65.2 | 63.4 | | 65.3 | 61.1 | | 62.6 | | | 170 |
| 175 | 68.1 | 66 | | 67.2 | 64.8 | | 65.2 | 63.2 | | 64.9 | 61 | | 61.7 | 56.9 | | 175 |
| 180 | 67.5 | 65.8 | | 66.6 | 64.7 | | 65.2 | 63.1 | | 64.3 | 60.3 | | 60.6 | 55.9 | | 180 |
| 185 | 66.8 | 65.7 | | 66 | 64.2 | | 65 | 61.3 | | 63.8 | 58.6 | | 59.6 | 54.9 | | 185 |
| 190 | 65.6 | 65.5 | | 65.3 | 62.5 | | 64.5 | 59.6 | | 63.3 | 56.9 | | 58.6 | 53.7 | | 190 |
| 195 | 64 | 63.9 | | 64.2 | 60.7 | | 63.9 | 57.9 | | 62.7 | 55.2 | | 57.6 | 52.1 | | 195 |
| 200 | 62.1 | 62.1 | | 63 | 59 | | 63.2 | 56.2 | | 62 | 53.7 | | 56.6 | 50.7 | | 200 |
| 205 | 60.1 | 60.4 | | 61 | 57.4 | | 61.9 | 54.7 | | 61.1 | 52.2 | | 55.8 | 49.2 | | 205 |
| 210 | 58.1 | 58.8 | 48.6 | 59 | 55.9 | | 59.9 | 53.2 | | 60.1 | 50.8 | | 54.9 | 47.9 | | 210 |
| 215 | 56.2 | 57.3 | 47.2 | 57.1 | 54.4 | | 58 | 51.8 | | 58.7 | 49.4 | | 54.1 | 46.6 | | 215 |
| 220 | 54.3 | 55.8 | 45.9 | 55.1 | 53 | 41.8 | 56.1 | 50.4 | | 57 | 48.1 | | 53.4 | 45.3 | | 220 |
| 225 | 52.4 | 54.4 | 44.7 | 53.2 | 51.6 | 40.7 | 54.1 | 49.1 | 37.2 | 55.1 | 46.8 | | 52.7 | 44.1 | | 225 |
| 230 | 50.6 | 53 | 43.5 | 51.4 | 50.3 | 39.5 | 52.2 | 47.9 | 36.1 | 53.1 | 45.6 | | 52.1 | 43 | | 230 |
| 235 | 48.9 | 51.7 | 42.3 | 49.7 | 49 | 38.5 | 50.4 | 46.7 | 35.1 | 51.3 | 44.5 | 32 | 51.6 | 41.9 | | 235 |
| 240 | 47.3 | 50.4 | 41.2 | 48.1 | 47.9 | 37.4 | 48.8 | 45.5 | 34.1 | 49.6 | 43.4 | 31.1 | 51 | 40.8 | | 240 |
| 245 | 44.3 | 49.2 | 40.2 | 46.5 | 46.7 | 36.4 | 47.2 | 44.4 | 33.2 | 47.9 | 42.3 | 30.3 | 49.3 | 39.8 | 26.9 | 245 |
| 250 | | 48.1 | 39.1 | | 45.6 | 35.5 | 45.4 | 43.3 | 32.3 | 46.4 | 41.3 | 29.4 | 47.7 | 38.8 | 26.2 | 250 |
| 255 | | 47 | 38.1 | | 44.5 | 34.6 | | 42.3 | 31.4 | | 40.3 | 28.6 | 46.2 | 37.8 | 25.4 | 255 |
| 260 | | 45.9 | 37.2 | | 43.5 | 33.7 | | 41.3 | 30.6 | | 39.3 | 27.8 | | 36.9 | 24.7 | 260 |
| 265 | | 44.9 | 36.3 | | 42.5 | 32.8 | | 40.4 | 29.8 | | 38.4 | 27.1 | | 36.1 | 24 | 265 |
| 270 | | | 35.4 | | 41.6 | 32 | | 39.5 | 29 | | 37.6 | 26.3 | | 35.2 | 23.3 | 270 |
| 275 | | | 34.6 | | | 31.2 | | 38.7 | 28.3 | | 36.7 | 25.6 | | 34.4 | 22.6 | 275 |
| 280 | | | 33.7 | | | 30.4 | | | 27.6 | | 36 | 24.9 | | 33.7 | 22 | 280 |
| 285 | | | 32.9 | | | 29.7 | | | 26.9 | | 35.3 | 24.3 | | 32.9 | 21.4 | 285 |
| 290 | | | 32 | | | 29 | | | 26.2 | | 34.6 | 23.7 | | | 20.8 | 290 |
| 295 | | | | | | 28.1 | | | 25.5 | | 33.9 | 23.1 | | | 20.2 | 295 |
| 300 | | | | | | 27.3 | | | 24.8 | | 33.2 | 22.4 | | | 19.7 | 300 |
| 305 | | | | | | | | | 24 | | 32.5 | 21.8 | | | 19.1 | 305 |
| 310 | | | | | | | | | | | 31.8 | 21.1 | | | 18.5 | 310 |
| 315 | | | | | | | | | | | 31.1 | 20.4 | | | 17.9 | 315 |
| 320 | | | | | | | | | | | 30.4 | 19.7 | | | 17.3 | 320 |

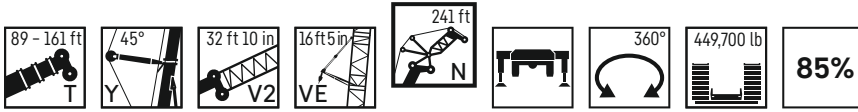
* adapter - pièce d'adaptateur

t_198_208_01401_00_000

Lifting capacities

Forces de levage

TYV2EN 241 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | N 241 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 100 | 63.5 | | | | | | | | | | | | | | | 100 |
| 105 | 63.5 | | | 63.3 | | | | | | | | | | | | 105 |
| 110 | 63.5 | | | 63.3 | | | 59.9 | | | 56 | | | | | | 110 |
| 115 | 63.5 | | | 63.3 | | | 59.9 | | | 56 | | | 54.6 | | | 115 |
| 120 | 63.5 | | | 63.3 | | | 59.9 | | | 56 | | | 54.6 | | | 120 |
| 125 | 63.5 | | | 63.3 | | | 59.9 | | | 56 | | | 54.6 | | | 125 |
| 130 | 63.5 | | | 63.3 | | | 59.9 | | | 56 | | | 54.6 | | | 130 |
| 135 | 63.5 | | | 63.2 | | | 59.9 | | | 56 | | | 54.6 | | | 135 |
| 140 | 63.5 | | | 62.8 | | | 59.9 | | | 56 | | | 54.6 | | | 140 |
| 145 | 63.3 | | | 62.4 | | | 59.9 | | | 56 | | | 54.6 | | | 145 |
| 150 | 62.9 | | | 62 | | | 59.9 | | | 56 | | | 54.6 | | | 150 |
| 155 | 62.3 | 59.9 | | 61.5 | | | 59.9 | | | 56 | | | 54.6 | | | 155 |
| 160 | 61.7 | 59.7 | | 61 | 58.6 | | 59.9 | | | 56 | | | 54.6 | | | 160 |
| 165 | 61.2 | 59.5 | | 60.4 | 58.5 | | 59.5 | 57.2 | | 56 | | | 54.6 | | | 165 |
| 170 | 60.7 | 59.2 | | 59.9 | 58.2 | | 59 | 57.1 | | 56 | 55.1 | | 54.6 | | | 170 |
| 175 | 60.2 | 59 | | 59.4 | 58 | | 58.5 | 56.9 | | 56 | 55 | | 54.6 | | | 175 |
| 180 | 59.7 | 58.8 | | 59 | 57.8 | | 58.1 | 56.8 | | 56 | 54.9 | | 54.6 | 52.4 | | 180 |
| 185 | 59.3 | 58.6 | | 58.5 | 57.7 | | 57.6 | 56.7 | | 56 | 54.8 | | 54.6 | 51.8 | | 185 |
| 190 | 58.8 | 58.4 | | 58.1 | 57.6 | | 57.3 | 56.5 | | 56 | 54.7 | | 54.6 | 50.9 | | 190 |
| 195 | 58.4 | 58.3 | | 57.7 | 57.4 | | 56.9 | 56.4 | | 55.9 | 54.4 | | 54.4 | 50.1 | | 195 |
| 200 | 58.1 | 58 | | 57.4 | 57.2 | | 56.5 | 55.5 | | 55.5 | 53 | | 53.7 | 49.2 | | 200 |
| 205 | 57.7 | 57.8 | | 57.1 | 56 | | 56.2 | 54 | | 55.2 | 51.6 | | 52.9 | 48.3 | | 205 |
| 210 | 56.7 | 57.4 | | 56.7 | 54.5 | | 55.9 | 52.5 | | 55 | 50.1 | | 52.1 | 47.3 | | 210 |
| 215 | 55 | 55.9 | 46 | 55.5 | 53 | | 55.6 | 51.1 | | 54.7 | 48.8 | | 51.4 | 46.3 | | 215 |
| 220 | 53.2 | 54.5 | 44.7 | 54 | 51.7 | | 55.3 | 49.8 | | 54.5 | 47.5 | | 50.7 | 45.1 | | 220 |
| 225 | 51.5 | 53.1 | 43.4 | 52.3 | 50.3 | 39.4 | 54.4 | 48.5 | | 54.4 | 46.3 | | 50.1 | 43.9 | | 225 |
| 230 | 49.8 | 51.7 | 42.3 | 50.6 | 49 | 38.3 | 52.7 | 47.2 | | 53.5 | 45.1 | | 49.5 | 42.7 | | 230 |
| 235 | 48.2 | 50.4 | 41.1 | 49 | 47.8 | 37.3 | 51 | 46.1 | 34.6 | 51.8 | 43.9 | | 48.9 | 41.6 | | 235 |
| 240 | 46.6 | 49.2 | 40 | 47.3 | 46.6 | 36.2 | 49.3 | 44.9 | 33.6 | 50.1 | 42.8 | 30.7 | 48.4 | 40.6 | | 240 |
| 245 | 45.1 | 48 | 39 | 45.7 | 45.5 | 35.3 | 47.6 | 43.8 | 32.7 | 48.4 | 41.8 | 29.8 | 48 | 39.5 | | 245 |
| 250 | 43.7 | 46.9 | 38 | 44.3 | 44.4 | 34.3 | 46 | 42.7 | 31.8 | 46.8 | 40.7 | 29 | 47.6 | 38.6 | 26 | 250 |
| 255 | 41.7 | 45.8 | 37 | 42.9 | 43.3 | 33.4 | 44.6 | 41.7 | 31 | 45.3 | 39.7 | 28.2 | 46.3 | 37.6 | 25.2 | 255 |
| 260 | | 44.7 | 36.1 | 40.6 | 42.3 | 32.6 | 42.9 | 40.7 | 30.1 | 43.8 | 38.8 | 27.4 | 44.8 | 36.7 | 24.5 | 260 |
| 265 | | 43.7 | 35.2 | | 41.3 | 31.7 | | 39.8 | 29.3 | 41.5 | 37.9 | 26.6 | 43.4 | 35.8 | 23.8 | 265 |
| 270 | | 42.7 | 34.3 | | 40.4 | 30.9 | | 38.9 | 28.5 | | 37 | 25.9 | | 35 | 23.1 | 270 |
| 275 | | 41.8 | 33.5 | | 39.5 | 30.1 | | 38 | 27.8 | | 36.1 | 25.2 | | 34.2 | 22.5 | 275 |
| 280 | | 40.8 | 32.7 | | 38.7 | 29.4 | | 37.2 | 27.1 | | 35.3 | 24.5 | | 33.4 | 21.8 | 280 |
| 285 | | | 31.9 | | 37.9 | 28.6 | | 36.4 | 26.4 | | 34.5 | 23.9 | | 32.6 | 21.2 | 285 |
| 290 | | | 31.1 | | | 27.9 | | | 25.7 | | 33.8 | 23.2 | | 31.9 | 20.6 | 290 |
| 295 | | | 30.4 | | | 27.3 | | | 25.1 | | | 22.6 | | 31.2 | 20 | 295 |
| 300 | | | 29.7 | | | 26.6 | | | 24.4 | | | 22 | | | 19.5 | 300 |
| 305 | | | 28.8 | | | 25.9 | | | 23.8 | | | 21.4 | | | 18.9 | 305 |
| 310 | | | | | | 25.2 | | | 23.2 | | | 20.9 | | | 18.4 | 310 |
| 315 | | | | | | | | | 22.4 | | | 20.3 | | | 17.9 | 315 |
| 320 | | | | | | | | | | | | 19.6 | | | 17.4 | 320 |
| 325 | | | | | | | | | | | | 19 | | | 16.8 | 325 |
| 330 | | | | | | | | | | | | | | | 16.2 | 330 |

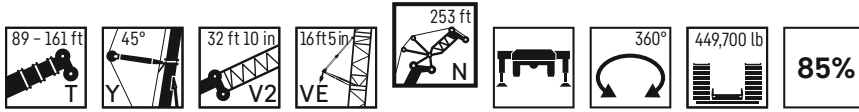
* adapter - pièce d'adaptateur

t_198_208_01501_00_000

Lifting capacities

Forces de levage

TYV2EN 253 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 105 | 57.6 | | | | | | | | | | | | | | | 105 |
| 110 | 57.6 | | | 57.7 | | | 53.6 | | | | | | | | | 110 |
| 115 | 57.6 | | | 57.7 | | | 53.6 | | | | | | | | | 115 |
| 120 | 57.6 | | | 57.7 | | | 53.6 | | | 52.2 | | | 50.4 | | | 120 |
| 125 | 57.6 | | | 57.7 | | | 53.6 | | | 52.2 | | | 50.4 | | | 125 |
| 130 | 57.6 | | | 57.7 | | | 53.6 | | | 52.2 | | | 50.4 | | | 130 |
| 135 | 57.6 | | | 57.7 | | | 53.6 | | | 52.2 | | | 50.4 | | | 135 |
| 140 | 57.6 | | | 57.6 | | | 53.6 | | | 52.2 | | | 50.4 | | | 140 |
| 145 | 57.6 | | | 57.2 | | | 53.6 | | | 52.2 | | | 50.4 | | | 145 |
| 150 | 57.6 | | | 56.8 | | | 53.6 | | | 52.2 | | | 50.4 | | | 150 |
| 155 | 57.2 | | | 56.5 | | | 53.6 | | | 52.2 | | | 50.4 | | | 155 |
| 160 | 56.8 | 54.4 | | 56.1 | | | 53.6 | | | 52.2 | | | 50.4 | | | 160 |
| 165 | 56.2 | 54.2 | | 55.6 | 53.3 | | 53.6 | | | 52.2 | | | 50.4 | | | 165 |
| 170 | 55.7 | 53.9 | | 55.1 | 53.1 | | 53.6 | 51.8 | | 52.2 | | | 50.4 | | | 170 |
| 175 | 55.3 | 53.7 | | 54.7 | 52.9 | | 53.6 | 51.6 | | 52.2 | 49.8 | | 50.4 | | | 175 |
| 180 | 54.8 | 53.5 | | 54.2 | 52.7 | | 53.5 | 51.5 | | 52.2 | 49.7 | | 50.4 | 47.6 | | 180 |
| 185 | 54.4 | 53.3 | | 53.8 | 52.5 | | 53.1 | 51.3 | | 52.1 | 49.6 | | 50.4 | 47.6 | | 185 |
| 190 | 53.9 | 53.1 | | 53.4 | 52.4 | | 52.7 | 51.2 | | 51.8 | 49.5 | | 50.4 | 47.4 | | 190 |
| 195 | 53.6 | 53 | | 53 | 52.2 | | 52.4 | 51.1 | | 51.5 | 49.5 | | 50.3 | 46.8 | | 195 |
| 200 | 53.2 | 52.8 | | 52.7 | 52.1 | | 52 | 51 | | 51.1 | 49.4 | | 50 | 46 | | 200 |
| 205 | 52.8 | 52.7 | | 52.3 | 52 | | 51.7 | 50.9 | | 50.8 | 49.3 | | 49.4 | 45.2 | | 205 |
| 210 | 52.5 | 52.5 | | 52 | 51.8 | | 51.4 | 50.8 | | 50.5 | 48.4 | | 48.8 | 44.4 | | 210 |
| 215 | 52.2 | 52.3 | | 51.7 | 51.6 | | 51.1 | 49.4 | | 50.2 | 47.1 | | 48.2 | 43.6 | | 215 |
| 220 | 51.7 | 52 | | 51.4 | 50.6 | | 50.8 | 48.1 | | 50 | 45.8 | | 47.5 | 42.8 | | 220 |
| 225 | 51.1 | 51.8 | 42.5 | 51 | 49.3 | | 50.6 | 46.9 | | 49.7 | 44.6 | | 46.9 | 42.1 | | 225 |
| 230 | 49.7 | 50.7 | 41.3 | 50.5 | 48 | 37.4 | 50.4 | 45.6 | | 49.6 | 43.4 | | 46.3 | 41.3 | | 230 |
| 235 | 48.1 | 49.4 | 40.2 | 48.9 | 46.8 | 36.3 | 49.6 | 44.5 | | 49.4 | 42.3 | | 45.7 | 40.3 | | 235 |
| 240 | 46.7 | 48.2 | 39.1 | 47.3 | 45.6 | 35.4 | 48 | 43.3 | 32.1 | 48.7 | 41.2 | | 45.1 | 39.2 | | 240 |
| 245 | 45.2 | 47 | 38.1 | 45.9 | 44.5 | 34.4 | 46.5 | 42.2 | 31.2 | 47.2 | 40.2 | | 44.7 | 38.3 | | 245 |
| 250 | 43.7 | 45.9 | 37.1 | 44.4 | 43.4 | 33.4 | 45.1 | 41.2 | 30.3 | 45.8 | 39.2 | 27.4 | 44.3 | 37.3 | | 250 |
| 255 | 42.3 | 44.8 | 36.1 | 42.9 | 42.4 | 32.5 | 43.6 | 40.2 | 29.4 | 44.3 | 38.2 | 26.6 | 44 | 36.3 | | 255 |
| 260 | 40.9 | 43.7 | 35.2 | 41.5 | 41.4 | 31.7 | 42.2 | 39.2 | 28.6 | 42.8 | 37.3 | 25.9 | 43.6 | 35.5 | 23.2 | 260 |
| 265 | 39.1 | 42.7 | 34.3 | 40.2 | 40.4 | 30.8 | 40.8 | 38.3 | 27.8 | 41.4 | 36.4 | 25.1 | 42.2 | 34.6 | 22.5 | 265 |
| 270 | 34.4 | 41.7 | 33.4 | 38 | 39.4 | 30 | 39.5 | 37.4 | 27.1 | 40.1 | 35.5 | 24.4 | 40.8 | 33.8 | 21.8 | 270 |
| 275 | | 40.8 | 32.6 | | 38.5 | 29.3 | 36.2 | 36.5 | 26.4 | 38.7 | 34.7 | 23.7 | 39.5 | 32.9 | 21.2 | 275 |
| 280 | | 39.9 | 31.8 | | 37.7 | 28.5 | | 35.7 | 25.7 | | 33.9 | 23.1 | | 32.2 | 20.6 | 280 |
| 285 | | 39 | 31 | | 36.8 | 27.8 | | 34.9 | 25 | | 33.1 | 22.4 | | 31.4 | 20 | 285 |
| 290 | | 38.2 | 30.2 | | 36 | 27.1 | | 34.1 | 24.3 | | 32.3 | 21.8 | | 30.7 | 19.4 | 290 |
| 295 | | | 29.5 | | 35.3 | 26.4 | | 33.4 | 23.7 | | 31.6 | 21.2 | | 30 | 18.8 | 295 |
| 300 | | | 28.8 | | | 25.7 | | 32.7 | 23 | | 30.9 | 20.6 | | 29.3 | 18.3 | 300 |
| 305 | | | 28.1 | | | 25.1 | | | 22.4 | | 30.3 | 20.1 | | 28.7 | 17.7 | 305 |
| 310 | | | 27.4 | | | 24.5 | | | 21.9 | | | 19.5 | | | 17.2 | 310 |
| 315 | | | 26.7 | | | 23.9 | | | 21.3 | | | 19 | | | 16.7 | 315 |
| 320 | | | | | | 23.2 | | | 20.8 | | | 18.5 | | | 16.2 | 320 |
| 325 | | | | | | | | | 20.2 | | | 18 | | | 15.8 | 325 |
| 330 | | | | | | | | | 19.5 | | | 17.4 | | | 15.3 | 330 |
| 335 | | | | | | | | | | | | 16.8 | | | 14.8 | 335 |
| 340 | | | | | | | | | | | | | | | 14.3 | 340 |
| 345 | | | | | | | | | | | | | | | 13.7 | 345 |

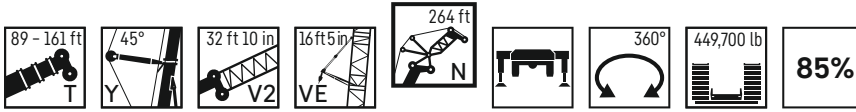
* adapter - pièce d'adaptateur

t_198_208_01601_00_000

Lifting capacities

Forces de levage

TYV2EN 264 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 110 | 52.1 | | | | | | | | | | | | | | | 110 |
| 115 | 52.1 | | | 51.5 | | | | | | | | | | | | 115 |
| 120 | 52.1 | | | 51.5 | | | 49.2 | | | | | | | | | 120 |
| 125 | 52.1 | | | 51.5 | | | 49.2 | | | 45.9 | | | 44.7 | | | 125 |
| 130 | 52.1 | | | 51.5 | | | 49.2 | | | 45.9 | | | 44.7 | | | 130 |
| 135 | 52.1 | | | 51.5 | | | 49.2 | | | 45.9 | | | 44.7 | | | 135 |
| 140 | 52.1 | | | 51.5 | | | 49.2 | | | 45.9 | | | 44.7 | | | 140 |
| 145 | 52.1 | | | 51.5 | | | 49.2 | | | 45.9 | | | 44.7 | | | 145 |
| 150 | 52 | | | 51.3 | | | 49.2 | | | 45.9 | | | 44.7 | | | 150 |
| 155 | 51.4 | | | 50.8 | | | 49.2 | | | 45.9 | | | 44.7 | | | 155 |
| 160 | 50.8 | | | 50.2 | | | 49.2 | | | 45.9 | | | 44.7 | | | 160 |
| 165 | 50.2 | 49.1 | | 49.6 | | | 49 | | | 45.9 | | | 44.7 | | | 165 |
| 170 | 49.6 | 48.9 | | 49.1 | 48.1 | | 48.4 | | | 45.9 | | | 44.7 | | | 170 |
| 175 | 49 | 48.6 | | 48.5 | 47.9 | | 47.9 | 46.8 | | 45.9 | | | 44.7 | | | 175 |
| 180 | 48.5 | 48.3 | | 47.9 | 47.7 | | 47.4 | 46.6 | | 45.9 | 45 | | 44.7 | | | 180 |
| 185 | 47.9 | 47.9 | | 47.4 | 47.3 | | 46.8 | 46.4 | | 45.9 | 44.9 | | 44.7 | 43 | | 185 |
| 190 | 47.3 | 47.4 | | 46.8 | 46.9 | | 46.3 | 46.1 | | 45.5 | 44.7 | | 44.5 | 43 | | 190 |
| 195 | 46.7 | 47 | | 46.3 | 46.5 | | 45.8 | 45.7 | | 45 | 44.5 | | 44.1 | 42.9 | | 195 |
| 200 | 46.2 | 46.6 | | 45.8 | 46.1 | | 45.3 | 45.4 | | 44.5 | 44.2 | | 43.6 | 42.7 | | 200 |
| 205 | 45.6 | 46.1 | | 45.3 | 45.7 | | 44.8 | 45 | | 44 | 43.9 | | 43.2 | 42.3 | | 205 |
| 210 | 45 | 45.7 | | 44.8 | 45.3 | | 44.3 | 44.7 | | 43.6 | 43.6 | | 42.7 | 41.8 | | 210 |
| 215 | 44.6 | 45.4 | | 44.3 | 44.9 | | 43.8 | 44.3 | | 43.2 | 43.3 | | 42.3 | 41.1 | | 215 |
| 220 | 44.2 | 45 | | 43.8 | 44.5 | | 43.4 | 43.9 | | 42.7 | 43 | | 41.9 | 40.4 | | 220 |
| 225 | 43.7 | 44.6 | | 43.3 | 44.2 | | 42.9 | 43.6 | | 42.3 | 42.7 | | 41.6 | 39.8 | | 225 |
| 230 | 43.3 | 44.2 | 40.2 | 42.9 | 43.8 | | 42.5 | 43.3 | | 41.9 | 42.3 | | 41.2 | 39.1 | | 230 |
| 235 | 42.8 | 43.8 | 39.2 | 42.5 | 43.5 | | 42.1 | 43 | | 41.5 | 41.2 | | 40.8 | 38.4 | | 235 |
| 240 | 42.4 | 43.5 | 38.1 | 42.1 | 43.1 | 34.3 | 41.7 | 42.3 | | 41.2 | 40.2 | | 40.4 | 37.7 | | 240 |
| 245 | 42.1 | 43.1 | 37.1 | 41.8 | 42.8 | 33.4 | 41.4 | 41.2 | | 40.8 | 39.1 | | 40.1 | 37.1 | | 245 |
| 250 | 41.8 | 42.8 | 36.1 | 41.4 | 42.4 | 32.5 | 41.1 | 40.2 | 29.3 | 40.5 | 38.1 | | 39.8 | 36.3 | | 250 |
| 255 | 41.3 | 42.5 | 35.1 | 41.2 | 41.3 | 31.6 | 40.8 | 39.2 | 28.5 | 40.2 | 37.2 | 25.7 | 39.5 | 35.3 | | 255 |
| 260 | 40.2 | 42.2 | 34.2 | 40.8 | 40.3 | 30.8 | 40.5 | 38.2 | 27.7 | 40 | 36.3 | 24.9 | 39.3 | 34.4 | | 260 |
| 265 | 38.9 | 41.7 | 33.3 | 39.6 | 39.4 | 29.9 | 40 | 37.3 | 26.9 | 39.8 | 35.4 | 24.2 | 39.1 | 33.6 | 21.6 | 265 |
| 270 | 37.7 | 40.7 | 32.5 | 38.3 | 38.4 | 29.1 | 38.9 | 36.4 | 26.2 | 39.3 | 34.5 | 23.5 | 39 | 32.8 | 21 | 270 |
| 275 | 36.5 | 39.8 | 31.7 | 37.1 | 37.6 | 28.4 | 37.6 | 35.5 | 25.5 | 38.2 | 33.7 | 22.8 | 38.7 | 32 | 20.3 | 275 |
| 280 | 33 | 38.9 | 30.9 | 35.5 | 36.7 | 27.6 | 36.4 | 34.7 | 24.8 | 37 | 32.9 | 22.2 | 37.6 | 31.2 | 19.7 | 280 |
| 285 | | 38 | 30.1 | | 35.9 | 26.9 | 34.5 | 33.9 | 24.1 | 35.8 | 32.1 | 21.6 | 36.4 | 30.4 | 19.1 | 285 |
| 290 | | 37.2 | 29.4 | | 35 | 26.2 | | 33.1 | 23.4 | | 31.4 | 21 | 34.8 | 29.7 | 18.5 | 290 |
| 295 | | 36.4 | 28.6 | | 34.3 | 25.5 | | 32.4 | 22.8 | | 30.7 | 20.4 | | 29 | 18 | 295 |
| 300 | | 35.6 | 27.9 | | 33.5 | 24.9 | | 31.7 | 22.2 | | 30 | 19.8 | | 28.4 | 17.4 | 300 |
| 305 | | | 27.2 | | 32.8 | 24.2 | | 31 | 21.6 | | 29.3 | 19.2 | | 27.7 | 16.9 | 305 |
| 310 | | | 26.6 | | | 23.6 | | 30.4 | 21 | | 28.7 | 18.7 | | 27.1 | 16.4 | 310 |
| 315 | | | 26 | | | 23 | | | 20.5 | | 28.1 | 18.2 | | 26.5 | 15.9 | 315 |
| 320 | | | 25.4 | | | 22.5 | | | 19.9 | | | 17.7 | | 26 | 15.4 | 320 |
| 325 | | | 24.8 | | | 21.9 | | | 19.4 | | | 17.2 | | | 15 | 325 |
| 330 | | | | | | 21.4 | | | 18.9 | | | 16.7 | | | 14.5 | 330 |
| 335 | | | | | | 20.7 | | | 18.4 | | | 16.2 | | | 14.1 | 335 |
| 340 | | | | | | | | | 17.9 | | | 15.8 | | | 13.7 | 340 |
| 345 | | | | | | | | | | | | 15.3 | | | 13.2 | 345 |
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| 355 | | | | | | | | | | | | | | | 10.4 | 355 |

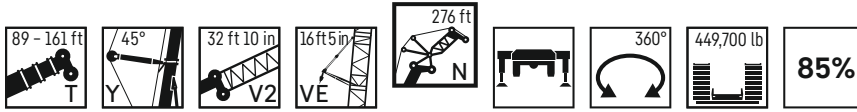
* adapter - pièce d'adaptateur

t_198.208.01701.00.000

Lifting capacities

Forces de levage

TYV2EN 276 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 115 | 46.8 | | | 45.4 | | | | | | | | | | | | 115 |
| 120 | 46.8 | | | 45.4 | | | 42.2 | | | | | | | | | 120 |
| 125 | 46.8 | | | 45.4 | | | 42.2 | | | | | | | | | 125 |
| 130 | 46.8 | | | 45.4 | | | 42.2 | | | | | | 38.1 | | | 130 |
| 135 | 46.8 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 135 |
| 140 | 46.8 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 140 |
| 145 | 46.8 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 145 |
| 150 | 46.8 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 150 |
| 155 | 46.8 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 155 |
| 160 | 46.6 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 160 |
| 165 | 46 | | | 45.4 | | | 42.2 | | | 40.8 | | | 38.1 | | | 165 |
| 170 | 45.5 | 44.3 | | 45 | | | 42.2 | | | 40.8 | | | 38.1 | | | 170 |
| 175 | 45 | 44.1 | | 44.5 | 43.4 | | 42.2 | | | 40.8 | | | 38.1 | | | 175 |
| 180 | 44.5 | 43.9 | | 44 | 43.2 | | 42.2 | 42.2 | | 40.8 | | | 38.1 | | | 180 |
| 185 | 44 | 43.6 | | 43.5 | 43 | | 42.2 | 42 | | 40.8 | 40.5 | | 38.1 | | | 185 |
| 190 | 43.4 | 43.2 | | 43 | 42.7 | | 42.2 | 41.8 | | 40.8 | 40.4 | | 38.1 | 38.6 | | 190 |
| 195 | 42.9 | 42.8 | | 42.5 | 42.3 | | 42 | 41.5 | | 40.8 | 40.3 | | 38.1 | 38.6 | | 195 |
| 200 | 42.4 | 42.5 | | 41.9 | 42 | | 41.5 | 41.2 | | 40.8 | 40 | | 38.1 | 38.5 | | 200 |
| 205 | 41.8 | 42.1 | | 41.4 | 41.6 | | 41 | 40.9 | | 40.3 | 39.8 | | 38.1 | 38.3 | | 205 |
| 210 | 41.4 | 41.8 | | 41 | 41.3 | | 40.6 | 40.6 | | 39.9 | 39.5 | | 38.1 | 38.2 | | 210 |
| 215 | 40.9 | 41.4 | | 40.5 | 40.9 | | 40.1 | 40.3 | | 39.5 | 39.2 | | 38.1 | 37.9 | | 215 |
| 220 | 40.4 | 41 | | 40 | 40.6 | | 39.6 | 40 | | 39 | 39 | | 38.1 | 37.6 | | 220 |
| 225 | 39.9 | 40.6 | | 39.6 | 40.3 | | 39.2 | 39.7 | | 38.6 | 38.7 | | 37.8 | 37 | | 225 |
| 230 | 39.5 | 40.3 | | 39.1 | 39.9 | | 38.8 | 39.4 | | 38.2 | 38.5 | | 37.4 | 36.4 | | 230 |
| 235 | 39 | 39.9 | 37.4 | 38.7 | 39.6 | | 38.3 | 39.1 | | 37.8 | 38.2 | | 37.1 | 35.8 | | 235 |
| 240 | 38.6 | 39.5 | 36.6 | 38.3 | 39.2 | | 37.9 | 38.7 | | 37.4 | 38 | | 36.7 | 35.2 | | 240 |
| 245 | 38.2 | 39.2 | 35.6 | 37.9 | 38.9 | 31.9 | 37.5 | 38.4 | | 37 | 37.5 | | 36.4 | 34.6 | | 245 |
| 250 | 37.8 | 38.8 | 34.6 | 37.5 | 38.5 | 31 | 37.1 | 38.1 | | 36.7 | 36.6 | | 36 | 34 | | 250 |
| 255 | 37.4 | 38.5 | 33.7 | 37.2 | 38.2 | 30.1 | 36.8 | 37.6 | 27 | 36.3 | 35.7 | | 35.7 | 33.5 | | 255 |
| 260 | 37.1 | 38.2 | 32.8 | 36.8 | 37.9 | 29.3 | 36.5 | 36.7 | 26.2 | 36 | 34.8 | | 35.3 | 32.9 | | 260 |
| 265 | 36.9 | 37.9 | 31.9 | 36.5 | 37.6 | 28.5 | 36.2 | 35.8 | 25.5 | 35.7 | 33.9 | 22.8 | 35.1 | 32.1 | | 265 |
| 270 | 36.4 | 37.6 | 31.1 | 36.3 | 37 | 27.7 | 35.9 | 35 | 24.7 | 35.4 | 33 | 22.1 | 34.9 | 31.3 | 19.5 | 270 |
| 275 | 35.5 | 37.3 | 30.3 | 36 | 36.1 | 26.9 | 35.7 | 34.1 | 24 | 35.2 | 32.2 | 21.4 | 34.6 | 30.5 | 18.9 | 275 |
| 280 | 34.4 | 37.1 | 29.5 | 34.9 | 35.3 | 26.2 | 35.4 | 33.3 | 23.3 | 35.1 | 31.4 | 20.8 | 34.4 | 29.8 | 18.3 | 280 |
| 285 | 33.3 | 36.6 | 28.7 | 33.8 | 34.4 | 25.5 | 34.3 | 32.5 | 22.7 | 34.7 | 30.7 | 20.2 | 34.3 | 29 | 17.7 | 285 |
| 290 | 30.9 | 35.8 | 28 | 32.6 | 33.6 | 24.8 | 33.2 | 31.7 | 22.1 | 33.7 | 30 | 19.6 | 34.1 | 28.3 | 17.1 | 290 |
| 295 | | 35 | 27.3 | 29.7 | 32.9 | 24.2 | 32.1 | 31 | 21.4 | 32.6 | 29.2 | 19 | 33.2 | 27.6 | 16.6 | 295 |
| 300 | | 34.2 | 26.6 | | 32.1 | 23.5 | | 30.3 | 20.8 | 30.7 | 28.6 | 18.4 | 32.1 | 27 | 16 | 300 |
| 305 | | 33.4 | 25.9 | | 31.4 | 22.9 | | 29.6 | 20.3 | | 27.9 | 17.9 | | 26.3 | 15.5 | 305 |
| 310 | | 32.5 | 25.3 | | 30.7 | 22.3 | | 28.9 | 19.7 | | 27.3 | 17.3 | | 25.7 | 15 | 310 |
| 315 | | | 24.7 | | 30.1 | 21.7 | | 28.3 | 19.2 | | 26.6 | 16.8 | | 25.1 | 14.5 | 315 |
| 320 | | | 24.1 | | | 21.1 | | 27.7 | 18.6 | | 26 | 16.3 | | 24.5 | 14.1 | 320 |
| 325 | | | 23.5 | | | 20.6 | | | 18.1 | | 25.5 | 15.9 | | 24 | 13.6 | 325 |
| 330 | | | 22.9 | | | 20.1 | | | 17.6 | | | 15.4 | | 23.5 | 13.2 | 330 |
| 335 | | | 22.4 | | | 19.6 | | | 17.1 | | | 14.9 | | | 12.4 | 335 |
| 340 | | | | | | 19.1 | | | 16.6 | | | 14.5 | | | 11.1 | 340 |
| 345 | | | | | | 18.6 | | | 16.2 | | | 14 | | | 9.8 | 345 |
| 350 | | | | | | | | | 15.8 | | | 13.6 | | | 8.4 | 350 |
| 355 | | | | | | | | | | | | 13.2 | | | 7.1 | 355 |
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| 365 | | | | | | | | | | | | | | | 4.5 | 365 |

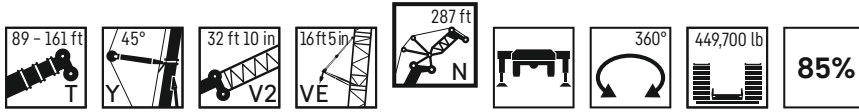
* adapter - pièce d'adaptateur

t_198_208_01801_00_000

Lifting capacities

Forces de levage

TYV2EN 287 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | N 287 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 115 | 40.4 | | | | | | | | | | | | | | | 115 |
| 120 | 40.4 | | | 40 | | | 37.1 | | | | | | | | | 120 |
| 125 | 40.4 | | | 40 | | | 37.1 | | | | | | | | | 125 |
| 130 | 40.4 | | | 40 | | | 37.1 | | | | | | | | | 130 |
| 135 | 40.4 | | | 40 | | | 37.1 | | | | | | 31.5 | | | 135 |
| 140 | 40.4 | | | 40 | | | 37.1 | | | 35.1 | | | 31.5 | | | 140 |
| 145 | 40.2 | | | 39.8 | | | 37.1 | | | 35.1 | | | 31.5 | | | 145 |
| 150 | 39.7 | | | 39.3 | | | 37.1 | | | 35.1 | | | 31.5 | | | 150 |
| 155 | 39.2 | | | 38.9 | | | 37.1 | | | 35.1 | | | 31.5 | | | 155 |
| 160 | 38.7 | | | 38.4 | | | 37.1 | | | 35.1 | | | 31.5 | | | 160 |
| 165 | 38.3 | | | 37.9 | | | 37.1 | | | 35.1 | | | 31.5 | | | 165 |
| 170 | 37.8 | | | 37.5 | | | 37 | | | 35.1 | | | 31.5 | | | 170 |
| 175 | 37.4 | 37.1 | | 37.1 | | | 36.6 | | | 35.1 | | | 31.5 | | | 175 |
| 180 | 37 | 36.7 | | 36.6 | 36.3 | | 36.2 | | | 35.1 | | | 31.5 | | | 180 |
| 185 | 36.6 | 36.4 | | 36.2 | 36 | | 35.8 | 35.3 | | 35.1 | | | 31.5 | | | 185 |
| 190 | 36.2 | 36 | | 35.8 | 35.6 | | 35.4 | 35 | | 34.8 | 34.1 | | 31.5 | | | 190 |
| 195 | 35.8 | 35.7 | | 35.4 | 35.3 | | 35 | 34.8 | | 34.5 | 33.8 | | 31.5 | 32.7 | | 195 |
| 200 | 35.4 | 35.4 | | 35.1 | 35 | | 34.7 | 34.5 | | 34.1 | 33.6 | | 31.5 | 32.5 | | 200 |
| 205 | 35.1 | 35.1 | | 34.7 | 34.7 | | 34.4 | 34.2 | | 33.8 | 33.4 | | 31.5 | 32.3 | | 205 |
| 210 | 34.7 | 34.8 | | 34.4 | 34.4 | | 34 | 33.9 | | 33.5 | 33.1 | | 31.5 | 32.1 | | 210 |
| 215 | 34.4 | 34.5 | | 34.1 | 34.2 | | 33.7 | 33.7 | | 33.2 | 32.9 | | 31.5 | 31.9 | | 215 |
| 220 | 34.1 | 34.2 | | 33.8 | 33.9 | | 33.4 | 33.4 | | 32.9 | 32.7 | | 31.5 | 31.7 | | 220 |
| 225 | 33.8 | 34 | | 33.5 | 33.7 | | 33.1 | 33.2 | | 32.6 | 32.5 | | 31.5 | 31.5 | | 225 |
| 230 | 33.5 | 33.8 | | 33.2 | 33.4 | | 32.9 | 32.9 | | 32.4 | 32.2 | | 31.5 | 31.3 | | 230 |
| 235 | 33.3 | 33.5 | | 32.9 | 33.2 | | 32.6 | 32.7 | | 32.1 | 32 | | 31.5 | 31.2 | | 235 |
| 240 | 33 | 33.3 | | 32.7 | 33 | | 32.4 | 32.5 | | 31.9 | 31.8 | | 31.3 | 31 | | 240 |
| 245 | 32.7 | 33.1 | 31.1 | 32.5 | 32.7 | | 32.1 | 32.3 | | 31.7 | 31.7 | | 31.1 | 30.8 | | 245 |
| 250 | 32.4 | 32.9 | 31 | 32.2 | 32.5 | 30.2 | 31.9 | 32.1 | | 31.5 | 31.5 | | 30.9 | 30.7 | | 250 |
| 255 | 32.1 | 32.7 | 30.9 | 32 | 32.4 | 29.3 | 31.7 | 32 | | 31.3 | 31.3 | | 30.7 | 30.5 | | 255 |
| 260 | 31.5 | 32.5 | 30.8 | 31.6 | 32.2 | 28.5 | 31.5 | 31.8 | 25.5 | 31.1 | 31.2 | | 30.6 | 30.4 | | 260 |
| 265 | 31 | 32.3 | 30.7 | 31 | 32 | 27.7 | 31 | 31.6 | 24.7 | 30.8 | 31.1 | | 30.4 | 30.1 | | 265 |
| 270 | 30.4 | 32.1 | 30.3 | 30.4 | 31.9 | 26.9 | 30.5 | 31.5 | 24 | 30.4 | 30.9 | 21.3 | 30.1 | 29.8 | | 270 |
| 275 | 29.8 | 31.8 | 29.5 | 29.9 | 31.6 | 26.2 | 29.9 | 31.4 | 23.3 | 29.9 | 30.8 | 20.7 | 29.8 | 29.4 | | 275 |
| 280 | 29.3 | 31.3 | 28.8 | 29.4 | 31.4 | 25.5 | 29.4 | 31.2 | 22.7 | 29.4 | 30.6 | 20.1 | 29.3 | 28.9 | 17.6 | 280 |
| 285 | 28.9 | 30.8 | 28 | 28.9 | 31.1 | 24.8 | 28.9 | 31 | 22 | 28.9 | 30 | 19.5 | 28.9 | 28.3 | 17 | 285 |
| 290 | 28.4 | 30.3 | 27.3 | 28.5 | 30.6 | 24.1 | 28.5 | 30.8 | 21.4 | 28.4 | 29.2 | 18.9 | 28.4 | 27.5 | 16.4 | 290 |
| 295 | 28 | 29.9 | 26.6 | 28 | 30.1 | 23.5 | 28 | 30.3 | 20.8 | 28 | 28.5 | 18.3 | 28 | 26.9 | 15.9 | 295 |
| 300 | 27.5 | 29.4 | 25.9 | 27.6 | 29.6 | 22.9 | 27.7 | 29.6 | 20.2 | 27.7 | 27.8 | 17.7 | 27.6 | 26.2 | 15.4 | 300 |
| 305 | 25.7 | 28.9 | 25.3 | 27.2 | 29.2 | 22.2 | 27.3 | 28.9 | 19.6 | 27.3 | 27.2 | 17.2 | 27.3 | 25.6 | 14.9 | 305 |
| 310 | | 28.5 | 24.6 | | 28.7 | 21.6 | | 28.2 | 19 | 27.1 | 26.6 | 16.7 | 27 | 25 | 14.4 | 310 |
| 315 | | 28.1 | 24 | | 28.4 | 21.1 | | 27.6 | 18.5 | | 25.9 | 16.2 | | 24.4 | 13.9 | 315 |
| 320 | | 27.7 | 23.4 | | 28 | 20.5 | | 27 | 18 | | 25.4 | 15.7 | | 23.8 | 13.5 | 320 |
| 325 | | | 22.8 | | 27.6 | 20 | | 26.4 | 17.5 | | 24.8 | 15.2 | | 23.3 | 12.7 | 325 |
| 330 | | | 22.3 | | 27.4 | 19.4 | | 25.8 | 17 | | 24.2 | 14.8 | | 22.7 | 11.3 | 330 |
| 335 | | | 21.7 | | | 18.9 | | 25.3 | 16.5 | | 23.7 | 14.3 | | 22.2 | 10 | 335 |
| 340 | | | 21.2 | | | 18.5 | | | 16 | | | 13.9 | | 21.7 | 8.7 | 340 |
| 345 | | | 20.7 | | | 18 | | | 15.6 | | | 13.4 | | | 7.3 | 345 |
| 350 | | | 20.2 | | | 17.5 | | | 15.2 | | | 12.9 | | | 6.1 | 350 |
| 355 | | | | | | 17.1 | | | 14.7 | | | 11.7 | | | 4.8 | 355 |
| 360 | | | | | | | | | 14.3 | | | 10.3 | | | 3.6 | 360 |
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| 370 | | | | | | | | | | | | 7.5 | | | | 370 |

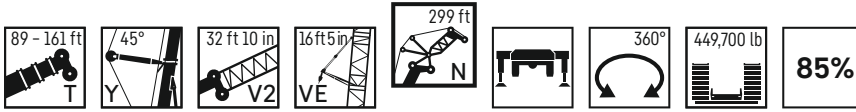
* adapter - pièce d'adaptateur

t_198_208_01901_00_000

Lifting capacities

Forces de levage

TYV2EN 299 ft



| | 89 + 62 ft 4 in* | | | 107 + 62 ft 4 in* | | | 125 + 62 ft 4 in* | | | 143 + 62 ft 4 in* | | | 161 + 62 ft 4 in* | | | |
|-----|------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-------------------|------|------|-----|
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 120 | 36.6 | | | | | | | | | | | | | | | 120 |
| 125 | 36.6 | | | 35.9 | | | | | | | | | | | | 125 |
| 130 | 36.6 | | | 35.9 | | | 33.3 | | | | | | | | | 130 |
| 135 | 36.6 | | | 35.9 | | | 33.3 | | | | | | | | | 135 |
| 140 | 36.6 | | | 35.9 | | | 33.3 | | | 29.7 | | | 29.5 | | | 140 |
| 145 | 36.6 | | | 35.9 | | | 33.3 | | | 29.7 | | | 29.5 | | | 145 |
| 150 | 36.6 | | | 35.9 | | | 33.3 | | | 29.7 | | | 29.5 | | | 150 |
| 155 | 36.3 | | | 35.9 | | | 33.3 | | | 29.7 | | | 29.5 | | | 155 |
| 160 | 35.9 | | | 35.5 | | | 33.3 | | | 29.7 | | | 29.5 | | | 160 |
| 165 | 35.4 | | | 35.1 | | | 33.3 | | | 29.7 | | | 29.5 | | | 165 |
| 170 | 35 | | | 34.6 | | | 33.3 | | | 29.7 | | | 29.5 | | | 170 |
| 175 | 34.6 | | | 34.2 | | | 33.3 | | | 29.7 | | | 29.5 | | | 175 |
| 180 | 34.2 | 33.8 | | 33.8 | | | 33.3 | | | 29.7 | | | 29.5 | | | 180 |
| 185 | 33.8 | 33.5 | | 33.4 | 33.1 | | 33 | | | 29.7 | | | 29.5 | | | 185 |
| 190 | 33.4 | 33.2 | | 33.1 | 32.8 | | 32.7 | 32.2 | | 29.7 | | | 29.5 | | | 190 |
| 195 | 33.1 | 32.9 | | 32.7 | 32.5 | | 32.3 | 31.9 | | 29.7 | 31 | | 29.5 | | | 195 |
| 200 | 32.7 | 32.6 | | 32.4 | 32.2 | | 32 | 31.7 | | 29.7 | 30.8 | | 29.5 | 29.6 | | 200 |
| 205 | 32.4 | 32.3 | | 32.1 | 32 | | 31.7 | 31.4 | | 29.7 | 30.6 | | 29.5 | 29.5 | | 205 |
| 210 | 32 | 32 | | 31.7 | 31.7 | | 31.4 | 31.2 | | 29.7 | 30.4 | | 29.5 | 29.3 | | 210 |
| 215 | 31.7 | 31.8 | | 31.4 | 31.4 | | 31.1 | 30.9 | | 29.7 | 30.2 | | 29.5 | 29.2 | | 215 |
| 220 | 31.4 | 31.5 | | 31.1 | 31.2 | | 30.8 | 30.7 | | 29.7 | 29.9 | | 29.5 | 29 | | 220 |
| 225 | 31.1 | 31.2 | | 30.9 | 30.9 | | 30.5 | 30.5 | | 29.7 | 29.7 | | 29.4 | 28.8 | | 225 |
| 230 | 30.9 | 31 | | 30.6 | 30.7 | | 30.2 | 30.2 | | 29.6 | 29.5 | | 29.2 | 28.6 | | 230 |
| 235 | 30.6 | 30.8 | | 30.3 | 30.4 | | 30 | 30 | | 29.5 | 29.3 | | 28.9 | 28.5 | | 235 |
| 240 | 30.4 | 30.6 | | 30.1 | 30.3 | | 29.7 | 29.8 | | 29.3 | 29.2 | | 28.7 | 28.3 | | 240 |
| 245 | 30.1 | 30.3 | | 29.9 | 30 | | 29.5 | 29.6 | | 29.1 | 29 | | 28.5 | 28.2 | | 245 |
| 250 | 29.9 | 30.1 | 28.2 | 29.6 | 29.8 | | 29.3 | 29.4 | | 28.9 | 28.8 | | 28.3 | 28 | | 250 |
| 255 | 29.8 | 30 | 28.1 | 29.5 | 29.6 | | 29.1 | 29.2 | | 28.7 | 28.7 | | 28.2 | 27.8 | | 255 |
| 260 | 29.6 | 29.8 | 28 | 29.3 | 29.5 | 27.1 | 28.9 | 29.1 | | 28.5 | 28.5 | | 28 | 27.7 | | 260 |
| 265 | 29.4 | 29.6 | 27.9 | 29.1 | 29.3 | 26.3 | 28.8 | 28.9 | | 28.3 | 28.4 | | 27.8 | 27.6 | | 265 |
| 270 | 29.2 | 29.5 | 27.8 | 28.9 | 29.1 | 25.5 | 28.6 | 28.8 | 22.6 | 28.2 | 28.2 | | 27.7 | 27.4 | | 270 |
| 275 | 29 | 29.3 | 27.7 | 28.7 | 29 | 24.8 | 28.4 | 28.6 | 21.9 | 28 | 28.1 | 19.3 | 27.5 | 27.1 | | 275 |
| 280 | 28.8 | 29.2 | 27.4 | 28.5 | 28.9 | 24.1 | 28.2 | 28.5 | 21.2 | 27.8 | 28 | 18.6 | 27.3 | 26.8 | | 280 |
| 285 | 28.6 | 29.1 | 26.6 | 28.3 | 28.8 | 23.4 | 28 | 28.4 | 20.6 | 27.6 | 27.9 | 18.1 | 27.1 | 26.4 | 15.6 | 285 |
| 290 | 28.5 | 29 | 25.9 | 28.2 | 28.7 | 22.8 | 27.8 | 28.3 | 20 | 27.4 | 27.7 | 17.5 | 26.9 | 26 | 15 | 290 |
| 295 | 28.3 | 28.8 | 25.2 | 28.1 | 28.6 | 22.1 | 27.7 | 28.2 | 19.4 | 27.3 | 27.1 | 16.9 | 26.8 | 25.5 | 14.5 | 295 |
| 300 | 27.9 | 28.7 | 24.6 | 27.9 | 28.4 | 21.5 | 27.6 | 28 | 18.8 | 27.2 | 26.4 | 16.4 | 26.7 | 24.8 | 14 | 300 |
| 305 | 27.6 | 28.6 | 23.9 | 27.5 | 28.2 | 20.9 | 27.5 | 27.5 | 18.2 | 27.2 | 25.8 | 15.9 | 26.6 | 24.2 | 13.5 | 305 |
| 310 | 26.6 | 28.5 | 23.3 | 27.2 | 28.2 | 20.3 | 27.2 | 26.8 | 17.7 | 27.1 | 25.2 | 15.3 | 26.6 | 23.6 | 12.9 | 310 |
| 315 | | 28.4 | 22.7 | 26.1 | 28 | 19.7 | 26.9 | 26.2 | 17.2 | 26.9 | 24.6 | 14.9 | 26.6 | 23 | 11.7 | 315 |
| 320 | | 28.1 | 22.1 | | 27.4 | 19.2 | 25.1 | 25.6 | 16.7 | 26.3 | 24 | 14.4 | 26.5 | 22.5 | 10.3 | 320 |
| 325 | | 27.7 | 21.5 | | 26.7 | 18.7 | | 25 | 16.2 | | 23.4 | 13.9 | | 21.9 | 8.9 | 325 |
| 330 | | 27.2 | 21 | | 26.1 | 18.2 | | 24.4 | 15.7 | | 22.9 | 13.5 | | 21.4 | 7.5 | 330 |
| 335 | | 26.5 | 20.4 | | 25.6 | 17.6 | | 23.9 | 15.2 | | 22.3 | 13 | | 20.9 | 6.2 | 335 |
| 340 | | | 19.9 | | 25.1 | 17.2 | | 23.4 | 14.8 | | 21.8 | 12.3 | | 20.4 | 5 | 340 |
| 345 | | | 19.4 | | | 16.7 | | 22.9 | 14.3 | | 21.3 | 11 | | 19.9 | 3.7 | 345 |
| 350 | | | 18.9 | | | 16.3 | | | 13.9 | | 20.9 | 9.6 | | 19.4 | | 350 |
| 355 | | | 18.5 | | | 15.8 | | | 13.5 | | | 8.3 | | 19 | | 355 |
| 360 | | | 18 | | | 15.4 | | | 13.1 | | | 6.9 | | | | 360 |
| 365 | | | | | | 15 | | | 12.2 | | | 5.7 | | | | 365 |
| 370 | | | | | | 14.6 | | | 10.8 | | | 4.4 | | | | 370 |
| 375 | | | | | | | | | 9.3 | | | | | | | 375 |

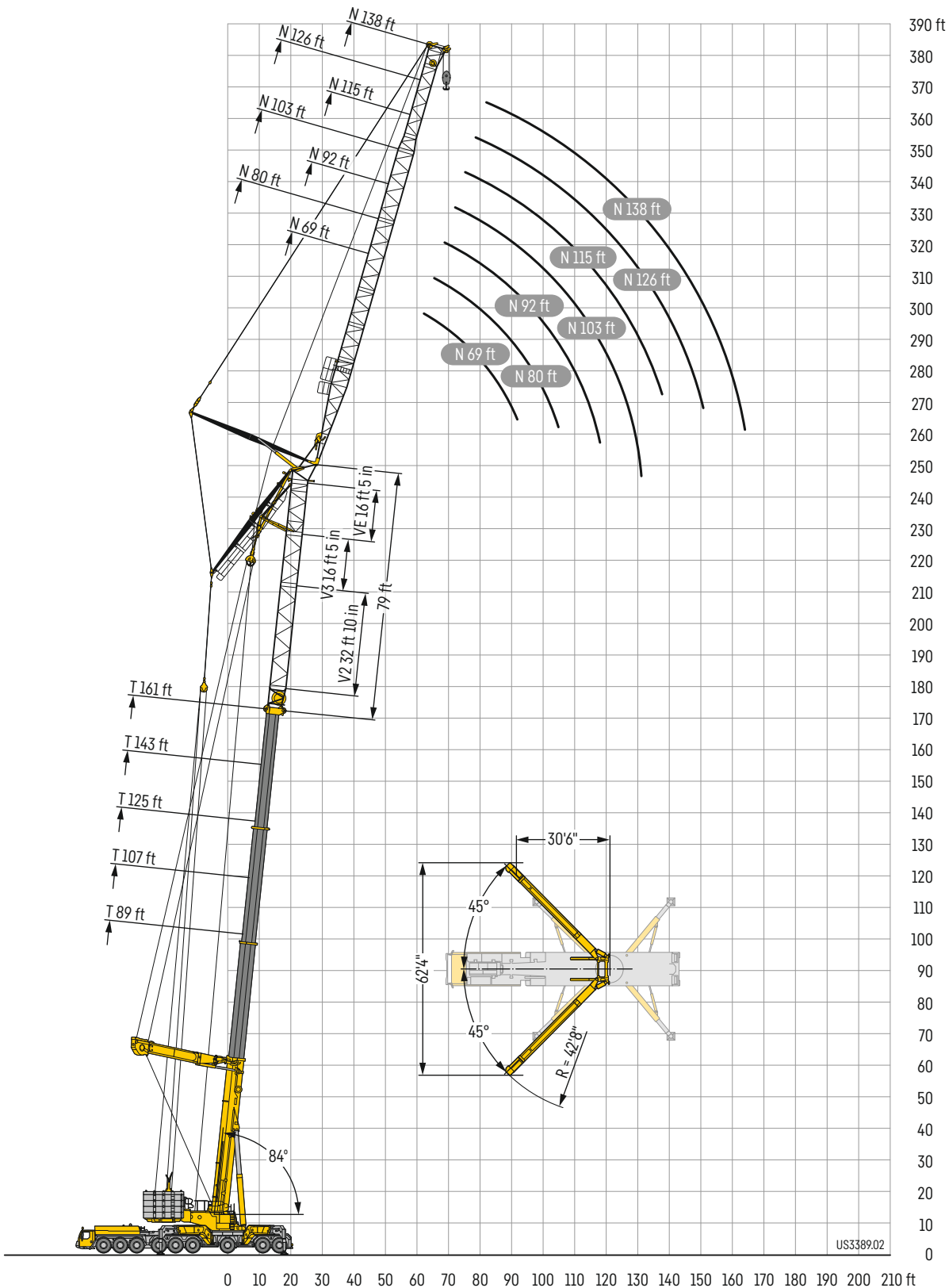
* adapter - pièce d'adaptateur

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Lifting heights

Hauteurs de levage

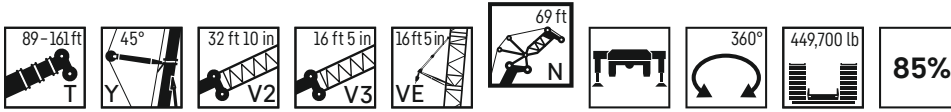
TYV23EN



Lifting capacities

Forces de levage

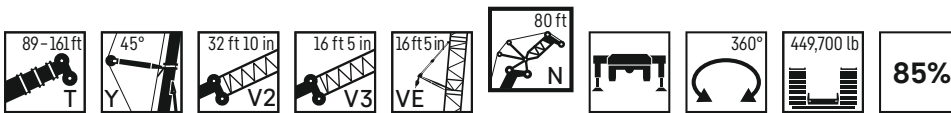
TYV23EN 69 ft – 80 ft



| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|-------|--------------|-------|------|--------------|-------|------|--------------|-------|-----|--------------|-------|------|-----|
| | N 69 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 55 | 252.8 | | | | | | | | | | | | | | | 55 |
| 60 | 241 | | | 236.6 | | | 228.1 | | | 216.6 | | | | | | 60 |
| 65 | 230 | | | 225.2 | | | 217.6 | | | 206.5 | | | 192.1 | | | 65 |
| 70 | 219.7 | | | 212.9 | | | 207.6 | | | 197.1 | | | 183.1 | | | 70 |
| 75 | 210 | | | 201.5 | | | 196.9 | | | 188.4 | | | 174.8 | | | 75 |
| 80 | 200.7 | | | 190.9 | | | 186.7 | | | 180.3 | | | 166.9 | | | 80 |
| 85 | 191.5 | 186.5 | | 181.2 | | | 177.3 | | | 172.7 | | | 159.6 | | | 85 |
| 90 | | 176.8 | | 172.8 | 152.6 | | 169 | | | 165.5 | | | 153.4 | | | 90 |
| 95 | | 167 | | | 143.7 | | | | | 158.3 | | | 148.3 | | | 95 |
| 100 | | 158 | | | 136.1 | | | 132.4 | | | 137.6 | | | | | 100 |
| 105 | | 149.8 | | | 129.4 | | | 125.5 | | | 130.5 | | | 126.7 | | 105 |
| 110 | | 142.3 | | | 123.4 | | | 119.8 | | | 124.5 | | | 120.7 | | 110 |
| 115 | | | | | 118.2 | | | 114.4 | | | 118.9 | | | 115.3 | | 115 |
| 120 | | | | | | | | 109.6 | | | 114 | | | 110.2 | | 120 |
| 125 | | | 106.6 | | | | | | | | 109.5 | | | 105.7 | | 125 |
| 130 | | | 102 | | | 86.2 | | | | | | | | | | 130 |
| 135 | | | 97.7 | | | 81.5 | | | | | | | | | | 135 |
| 140 | | | | | | 77.6 | | | 74.2 | | | | | | | 140 |
| 145 | | | | | | 74.2 | | | | 70.4 | | | 73.9 | | | 145 |
| 150 | | | | | | | | | | 67.2 | | | 70.3 | | | 150 |
| 155 | | | | | | | | | | | | | 67.2 | | 63.4 | 155 |
| 160 | | | | | | | | | | | | | 64.5 | | 60.6 | 160 |
| 165 | | | | | | | | | | | | | | | 58 | 165 |

* adapter - pièce d'adaptateur

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| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|-------|--------------|-------|------|--------------|-------|-----|--------------|-------|-------|--------------|-----|-------|-----|
| | N 80 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 55 | 242.5 | | | | | | | | | | | | | | | 55 |
| 60 | 232.1 | | | 227 | | | | | | | | | | | | 60 |
| 65 | 222.3 | | | 217.5 | | | 209.5 | | | 198.7 | | | | | | 65 |
| 70 | 213.1 | | | 208.6 | | | 200.9 | | | 190.7 | | | 180.6 | | | 70 |
| 75 | 204.6 | | | 200.3 | | | 192.8 | | | 182.8 | | | 172.4 | | | 75 |
| 80 | 196.4 | | | 190.9 | | | 185.2 | | | 175.4 | | | 164.5 | | | 80 |
| 85 | 188.5 | | | 181.1 | | | 177.1 | | | 168.6 | | | 157 | | | 85 |
| 90 | 181 | 174.9 | | 172.3 | | | 168.6 | | | 162.1 | | | 150.2 | | | 90 |
| 95 | 173.6 | 165.9 | | 164 | 148.5 | | 160.7 | | | 156 | | | 144.3 | | | 95 |
| 100 | 165.3 | 157.1 | | 157 | 139.5 | | 153.5 | | | 149.9 | | | 139.1 | | | 100 |
| 105 | | 149 | | | 131.8 | | | 128.4 | | | 144.1 | 134.2 | | | | 105 |
| 110 | | 141.6 | | | 125.2 | | | 121.6 | | | | 127.1 | | | | 110 |
| 115 | | 134.9 | | | 119.3 | | | 115.8 | | | | 120.9 | | | 122.4 | 115 |
| 120 | | 128.6 | | | 114 | | | 110.4 | | | | 115.4 | | | 111.2 | 120 |
| 125 | | | | | 109.3 | | | 105.6 | | | | 110.5 | | | 106.5 | 125 |
| 130 | | | 101.1 | | | | | 101.4 | | | | 106 | | | 102.4 | 130 |
| 135 | | | 96.9 | | | | | | | | | 102 | | | 98.4 | 135 |
| 140 | | | 92.9 | | | 80.8 | | | | | | | | | 94.7 | 140 |
| 145 | | | 89.2 | | | 76.5 | | | | 73.5 | | | | | | 145 |
| 150 | | | 85.7 | | | 72.8 | | | | 69.3 | | | | | | 150 |
| 155 | | | | | | 69.7 | | | | 65.8 | | | 69 | | | 155 |
| 160 | | | | | | | | | | 62.8 | | | 66.2 | | 62 | 160 |
| 165 | | | | | | | | | | 60.2 | | | 63.3 | | 59.5 | 165 |
| 170 | | | | | | | | | | | | | 60.8 | | 56.8 | 170 |
| 175 | | | | | | | | | | | | | | | 54.4 | 175 |
| 180 | | | | | | | | | | | | | | | 52.2 | 180 |

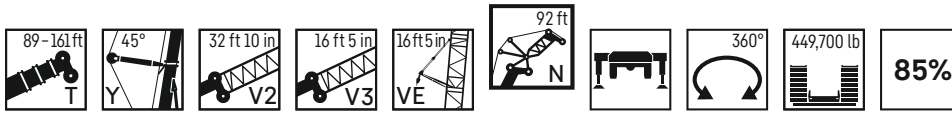
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

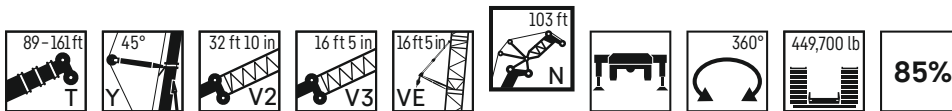
TYV23EN 92 ft – 103 ft



| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|------|--------------|-------|------|--------------|-------|-----|--------------|-------|-----|--------------|-------|------|-----|
| | N 92 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 60 | 227.6 | | | | | | | | | | | | | | | 60 |
| 65 | 218.4 | | | 210.6 | | | | | | | | | | | | 65 |
| 70 | 209.3 | | | 202.5 | | | 194.8 | | | 187 | | | 174.1 | | | 70 |
| 75 | 200.7 | | | 194.6 | | | 187.6 | | | 179.9 | | | 166.6 | | | 75 |
| 80 | 192.8 | | | 186.8 | | | 180.5 | | | 173.3 | | | 159.4 | | | 80 |
| 85 | 185.2 | | | 179.5 | | | 173.4 | | | 166.9 | | | 153 | | | 85 |
| 90 | 178 | | | 172.4 | | | 166.7 | | | 160.6 | | | 146.9 | | | 90 |
| 95 | 171.1 | 162.7 | | 165 | | | 160.5 | | | 154.6 | | | 141.1 | | | 95 |
| 100 | 164.6 | 154.8 | | 158 | 141.7 | | 154.4 | | | 149 | | | 135.8 | | | 100 |
| 105 | 157.9 | 147.4 | | 151.3 | 134.2 | | 147.9 | | | 143.6 | | | 131.1 | | | 105 |
| 110 | 151 | 140.7 | | 145.4 | 127.8 | | 142 | 123.9 | | 138.5 | | | 127.1 | | | 110 |
| 115 | | 134 | | | 121.8 | | 136.8 | 117.9 | | 133.4 | 115.2 | | 123.7 | 114.5 | | 115 |
| 120 | | 127.9 | | | 116.3 | | | 112.7 | | | 110 | | 121.2 | 109.5 | | 120 |
| 125 | | 122.1 | | | 111.4 | | | 107.8 | | | 105 | | | 104.9 | | 125 |
| 130 | | 116.8 | | | 106.8 | | | 103.4 | | | 100.7 | | | 100.9 | | 130 |
| 135 | | 111.8 | 95.9 | | 102.9 | | | 99.2 | | | 96.6 | | | 97.2 | | 135 |
| 140 | | | 92 | | | | | 95.6 | | | 92.8 | | | 93.9 | | 140 |
| 145 | | | 88.3 | | | 79.6 | | | | | 89.3 | | | 91 | | 145 |
| 150 | | | 84.9 | | | 75.6 | | | | | | | | 87.7 | | 150 |
| 155 | | | 81.7 | | | 72.2 | | | | | | | | | | 155 |
| 160 | | | 78.6 | | | 69.1 | | | | | | | | | | 160 |
| 165 | | | | | | 66.4 | | | | 68.5 | | | | | | 165 |
| 170 | | | | | | 63.9 | | | | 65.2 | | | | 59.1 | | 170 |
| 175 | | | | | | | | | | 59.9 | | | | 56.5 | | 175 |
| 180 | | | | | | | | | | 57.6 | | | | 54.1 | | 180 |
| 185 | | | | | | | | | | | | | | 51.9 | | 185 |
| 190 | | | | | | | | | | | | | | | 57 | 190 |
| | | | | | | | | | | | | | | | 55 | 175 |
| | | | | | | | | | | | | | | | 53.1 | 180 |
| | | | | | | | | | | | | | | | 51.3 | 185 |
| | | | | | | | | | | | | | | | 49.5 | 190 |

* adapter - pièce d'adaptateur

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| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|------|--------------|-------|------|--------------|-------|------|--------------|-------|-----|--------------|-------|------|-----|
| | N 103 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 65 | 208.9 | | | | | | | | | | | | | | | 65 |
| 70 | 201.4 | | | 194.1 | | | 186.6 | | | | | | | | | 70 |
| 75 | 194.2 | | | 187.3 | | | 179.8 | | | 172.1 | | | 161.9 | | | 75 |
| 80 | 187.4 | | | 180.9 | | | 173.7 | | | 166 | | | 155.2 | | | 80 |
| 85 | 180.6 | | | 174.6 | | | 167.9 | | | 160.4 | | | 148.9 | | | 85 |
| 90 | 174 | | | 168.5 | | | 162.2 | | | 155.2 | | | 143 | | | 90 |
| 95 | 167.8 | | | 162.5 | | | 156.8 | | | 150.1 | | | 137.6 | | | 95 |
| 100 | 161.9 | 151.9 | | 156.2 | | | 151.2 | | | 145 | | | 132.6 | | | 100 |
| 105 | 156.1 | 144.7 | | 149.9 | 136.2 | | 146.1 | | | 140.1 | | | 128.1 | | | 105 |
| 110 | 150.5 | 138.2 | | 144.2 | 129.2 | | 140.5 | | | 135.4 | | | 123.7 | | | 110 |
| 115 | 143.6 | 132.3 | | 138.5 | 123 | | 135.4 | 119.1 | | 130.8 | | | 119.8 | | | 115 |
| 120 | 135.5 | 126.8 | | 133.6 | 117.5 | | 130.3 | 113.5 | | 126.5 | 112.7 | | 116.3 | 109.6 | | 120 |
| 125 | | 121.5 | | 129.1 | 112.5 | | 125.8 | 108.5 | | 122.2 | 107.9 | | 113.3 | 104.9 | | 125 |
| 130 | | 116.3 | | | 107.8 | | | 104 | | | 103.5 | | 111.1 | 100.5 | | 130 |
| 135 | | 111.5 | | | 103.4 | | | 99.9 | | | 99.2 | | | 96.5 | | 135 |
| 140 | | 106.9 | | | 99.3 | | | 95.9 | | | 95.3 | | | 92.9 | | 140 |
| 145 | | 102.7 | 87.5 | | 95.9 | | | 92.2 | | | 91.7 | | | 89.8 | | 145 |
| 150 | | | 84.2 | | 92.7 | 78.5 | | 89 | | | 88.3 | | | 86.9 | | 150 |
| 155 | | | 81 | | | 74.7 | | 86 | | | 85.2 | | | 83.9 | | 155 |
| 160 | | | 78 | | | 71.1 | | | | | | | | 80.8 | | 160 |
| 165 | | | 75.2 | | | 67.9 | | | 67.4 | | | | | | | 165 |
| 170 | | | 72.6 | | | 65 | | | 64 | | | | | | | 170 |
| 175 | | | | | | 62.5 | | | 61.1 | | | | | | | 175 |
| 180 | | | | | | 60.2 | | | 58.5 | | | | | | | 180 |
| 185 | | | | | | | | | 56.1 | | | | | | | 185 |
| 190 | | | | | | | | | 54 | | | | | | | 190 |
| 195 | | | | | | | | | | | | | | | | 195 |
| 200 | | | | | | | | | | | | | | | | 200 |
| | | | | | | | | | | | | | | | 48.6 | 195 |
| | | | | | | | | | | | | | | | 47.2 | 190 |
| | | | | | | | | | | | | | | | 50.5 | 185 |
| | | | | | | | | | | | | | | | 52.3 | 180 |
| | | | | | | | | | | | | | | | 54.2 | 175 |

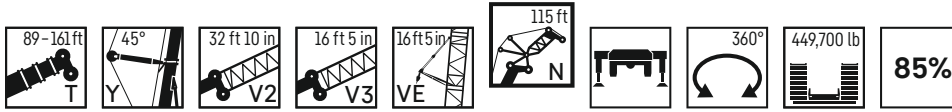
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

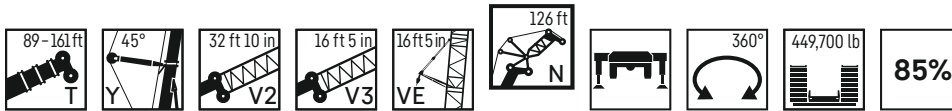
TYV23EN 115 ft – 126 ft



| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|------|--------------|-------|------|--------------|-------|------|--------------|-------|------|--------------|-------|------|-----|
| | N 115 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 65 | 198.2 | | | | | | | | | | | | | | | 65 |
| 70 | 191.9 | | | 184.7 | | | | | | | | | | | | 70 |
| 75 | 185.7 | | | 178.6 | | | 171.5 | | | 163.9 | | | 155.7 | | | 75 |
| 80 | 179.8 | | | 172.8 | | | 166 | | | 158.5 | | | 150 | | | 80 |
| 85 | 173.9 | | | 167.2 | | | 160.7 | | | 153.4 | | | 144.2 | | | 85 |
| 90 | 168.4 | | | 162 | | | 155.7 | | | 148.6 | | | 138.6 | | | 90 |
| 95 | 163.1 | | | 157.2 | | | 151 | | | 144.1 | | | 133.3 | | | 95 |
| 100 | 157.7 | | | 152.4 | | | 146.4 | | | 139.8 | | | 128.5 | | | 100 |
| 105 | 152.5 | 141.9 | | 147 | | | 142 | | | 135.6 | | | 123.9 | | | 105 |
| 110 | 147.5 | 135.5 | | 141.2 | 129.3 | | 137.6 | | | 131.6 | | | 119.8 | | | 110 |
| 115 | 142.1 | 129.7 | | 135.9 | 123.4 | | 133 | | | 127.5 | | | 115.9 | | | 115 |
| 120 | 135.3 | 124.3 | | 131.1 | 117.5 | | 128.3 | 113.9 | | 123.5 | | | 112.5 | | | 120 |
| 125 | 127.9 | 119.3 | | 126.7 | 112.2 | | 124.1 | 108.7 | | 119.6 | 105.3 | | 109.2 | 102.4 | | 125 |
| 130 | 121.3 | 114.8 | | 122.3 | 107.4 | | 119.9 | 104.2 | | 116 | 101.3 | | 106.2 | 98.5 | | 130 |
| 135 | 115.4 | 110.4 | | 118.4 | 103.1 | | 115.7 | 99.8 | | 112.3 | 97.5 | | 103.6 | 94.8 | | 135 |
| 140 | | 106.2 | | | 99.2 | | | 96 | | 108.6 | 93.9 | | 101.7 | 91.4 | | 140 |
| 145 | | 102 | | | 95.4 | | | 92.4 | | | 90.6 | | | 88.2 | | 145 |
| 150 | | 98.1 | 83.2 | | 91.8 | | | 88.9 | | | 87.5 | | | 85.2 | | 150 |
| 155 | | 94.4 | 80.1 | | 88.6 | | | 85.7 | | | 84.6 | | | 82.4 | | 155 |
| 160 | | | 77.1 | | 85.8 | 71.4 | | 82.7 | | | 81.4 | | | 79.6 | | 160 |
| 165 | | | 74.4 | | | 68.8 | | 80 | 64.4 | | 78.5 | | | 76.7 | | 165 |
| 170 | | | 71.7 | | | 65.8 | | | 62.1 | | 75.7 | | | 74 | | 170 |
| 175 | | | 69.2 | | | 62.9 | | | 59.6 | | | 55.9 | | 71.3 | | 175 |
| 180 | | | 66.9 | | | 60.3 | | | 56.9 | | | 54 | | | 50.8 | 180 |
| 185 | | | 64.6 | | | 58 | | | 54.5 | | | 52.2 | | | 49.1 | 185 |
| 190 | | | | | | 55.9 | | | 52.3 | | | 50.4 | | | 47.4 | 190 |
| 195 | | | | | | | | | 50.4 | | | 48.6 | | | 45.8 | 195 |
| 200 | | | | | | | | | 48.6 | | | 46.7 | | | 44.3 | 200 |
| 205 | | | | | | | | | | | | 45 | | | 42.9 | 205 |
| 210 | | | | | | | | | | | | | | | 41.5 | 210 |

* adapter - pièce d'adaptateur

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| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|------|--------------|-------|------|--------------|-------|------|--------------|------|------|--------------|------|------|-----|
| | N 126 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 70 | 180 | | | | | | | | | | | | | | | 70 |
| 75 | 179.1 | | | 172.9 | | | 166.8 | | | | | | | | | 75 |
| 80 | 175.3 | | | 167.2 | | | 161.1 | | | 154.8 | | | 143.3 | | | 80 |
| 85 | 169.7 | | | 161.7 | | | 155.9 | | | 149.6 | | | 138.3 | | | 85 |
| 90 | 164.3 | | | 156.5 | | | 150.8 | | | 144.7 | | | 133.4 | | | 90 |
| 95 | 159.2 | | | 151.6 | | | 146 | | | 140.2 | | | 128.8 | | | 95 |
| 100 | 154.4 | | | 147.1 | | | 141.7 | | | 135.9 | | | 124.2 | | | 100 |
| 105 | 149.7 | | | 142.6 | | | 137.4 | | | 131.8 | | | 120 | | | 105 |
| 110 | 145.2 | 133.4 | | 138.4 | | | 133.4 | | | 128 | | | 116.2 | | | 110 |
| 115 | 140.6 | 127.6 | | 134.3 | 122 | | 129.5 | | | 124.4 | | | 112.5 | | | 115 |
| 120 | 136.1 | 122.4 | | 130.2 | 117 | | 125.7 | 112.1 | | 120.9 | | | 109.2 | | | 120 |
| 125 | 130 | 117.5 | | 126.1 | 112.3 | | 121.9 | 107.6 | | 117.4 | | | 106.1 | | | 125 |
| 130 | 123.1 | 112.9 | | 122.1 | 108 | | 118.2 | 103.4 | | 114 | 99 | | 103.2 | 96.7 | | 130 |
| 135 | 117 | 108.7 | | 118.1 | 103.9 | | 114.5 | 99.5 | | 110.7 | 95.2 | | 100.7 | 93.1 | | 135 |
| 140 | 111.4 | 104.8 | | 114.2 | 100.2 | | 110.8 | 95.9 | | 107.3 | 91.8 | | 98.3 | 89.8 | | 140 |
| 145 | 106.3 | 101.1 | | 109.1 | 96.7 | | 107.1 | 92.6 | | 103.9 | 88.5 | | 96.2 | 86.7 | | 145 |
| 150 | | 97.7 | | | 93.4 | | 103.2 | 89.4 | | 100.6 | 85.5 | | 94.5 | 83.8 | | 150 |
| 155 | | 94.1 | 79.4 | | 90.3 | | | 86.4 | | | 82.7 | | | 81 | | 155 |
| 160 | | 90.7 | 76.6 | | 87.1 | | | 83.7 | | | 80 | | | 78.4 | | 160 |
| 165 | | 87.4 | 73.9 | | 84 | 68.6 | | 80.8 | | | 77.5 | | | 75.9 | | 165 |
| 170 | | | 71.3 | | 81 | 66.1 | | 77.9 | | | 74.9 | | | 73.6 | | 170 |
| 175 | | | 68.8 | | | 63.8 | | 75.2 | 59.3 | | 72.3 | | | 71.2 | | 175 |
| 180 | | | 66.5 | | | 61.6 | | | 57.2 | | 69.8 | | | 68.7 | | 180 |
| 185 | | | 64.2 | | | 59.6 | | | 55.3 | | | 51.2 | | 66.4 | | 185 |
| 190 | | | 62.1 | | | 57.6 | | | 53.4 | | | 49.5 | | | 47.1 | 190 |
| 195 | | | 60.1 | | | 55.7 | | | 51.7 | | | 47.9 | | | 45.5 | 195 |
| 200 | | | | | | 53.9 | | | 50 | | | 46.3 | | | 44 | 200 |
| 205 | | | | | | | | | 48.3 | | | 44.8 | | | 42.5 | 205 |
| 210 | | | | | | | | | 46.8 | | | 43.2 | | | 41.1 | 210 |
| 215 | | | | | | | | | | | | 41.7 | | | 39.8 | 215 |
| 220 | | | | | | | | | | | | | | | 38.5 | 220 |
| 225 | | | | | | | | | | | | | | | 37.3 | 225 |

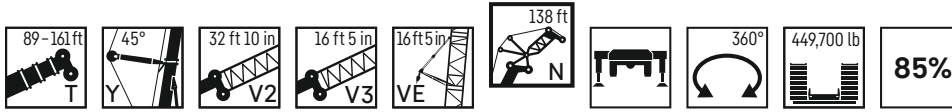
* adapter - pièce d'adaptateur

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Lifting capacities

Forces de levage

TYV23EN 138 ft



| | 89 + 79 ft* | | | 107 + 79 ft* | | | 125 + 79 ft* | | | 143 + 79 ft* | | | 161 + 79 ft* | | | |
|-----|-------------|-------|------|--------------|-------|------|--------------|-----|-------|--------------|-----|-----|--------------|------|-------|-----|
| | N 138 ft | | | | | | | | | | | | | | | |
| | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | 84° | 76° | 66° | |
| 75 | 163 | | | 158.7 | | | | | | | | | | | | 75 |
| 80 | 162.2 | | | 158.1 | | | | | | | | | | | | 80 |
| 85 | 160.9 | | | 155 | | | | | | | | | 143.1 | | 132.4 | 85 |
| 90 | 157.9 | | | 150.4 | | | | | | | | | 138.7 | | 128.1 | 90 |
| 95 | 153.3 | | | 145.9 | | | | | | | | | 134.3 | | 123.8 | 95 |
| 100 | 148.8 | | | 141.6 | | | | | | | | | 130.3 | | 119.8 | 100 |
| 105 | 144.6 | | | 137.5 | | | | | | | | | 126.6 | | 115.8 | 105 |
| 110 | 140.5 | | | 133.6 | | | | | | | | | 123.1 | | 112 | 110 |
| 115 | 136.5 | 124.6 | | 129.8 | | | | | | | | | 119.6 | | 108.5 | 115 |
| 120 | 132.7 | 119.5 | | 126.2 | 114.1 | | | | | | | | 116.3 | | 105.2 | 120 |
| 125 | 128.4 | 114.7 | | 122.7 | 109.5 | | | | | | | | 113.2 | | 102.2 | 125 |
| 130 | 122 | 110.3 | | 119.3 | 105.3 | | | | 100.7 | | | | 110.2 | | 99.3 | 130 |
| 135 | 115.9 | 106.1 | | 115.6 | 101.3 | | | | 96.9 | | | | 107.3 | 93.6 | 96.6 | 135 |
| 140 | 110.2 | 102.3 | | 112.1 | 97.6 | | | | 93.4 | | | | 104.5 | 90.2 | 94.3 | 140 |
| 145 | 105.1 | 98.7 | | 107.9 | 94.2 | | | | 90.1 | | | | 101.6 | 87.1 | 92.1 | 145 |
| 150 | 100.4 | 95.3 | | 103 | 91 | | | | 87 | | | | 98.7 | 84.1 | 90.1 | 150 |
| 155 | 96.1 | 92.1 | | 98.5 | 88 | | | | 84.1 | | | | 95.8 | 81.3 | 88.4 | 155 |
| 160 | | 89.2 | | 94.2 | 85.1 | | | | 81.3 | | | | 92.9 | 78.6 | 86.9 | 160 |
| 165 | | 86.3 | 72.1 | | 82.4 | | | | 78.8 | | | | | 76.2 | 85.7 | 165 |
| 170 | | 83.4 | 69.8 | | 79.9 | 64.3 | | | 76.3 | | | | | 73.8 | 71.4 | 170 |
| 175 | | 80.5 | 67.5 | | 77.2 | 62.3 | | | 74 | | | | | 71.6 | 69.2 | 175 |
| 180 | | 77.7 | 65.2 | | 74.6 | 60.3 | | | 71.6 | 55.6 | | | | 69.5 | 67.2 | 180 |
| 185 | | | 63 | | 72.1 | 58.3 | | | 69.2 | 53.9 | | | | 67.3 | 65.2 | 185 |
| 190 | | | 61 | | | 56.3 | | | 66.9 | 52.1 | | | | 65 | 48.9 | 190 |
| 195 | | | 59 | | | 54.5 | | | | 50.4 | | | | | 47.3 | 195 |
| 200 | | | 57.1 | | | 52.7 | | | | 48.7 | | | | | 45.7 | 200 |
| 205 | | | 55.3 | | | 51 | | | | 47.1 | | | | | 44.2 | 205 |
| 210 | | | | | | 49.4 | | | | 45.6 | | | | | 42.8 | 210 |
| 215 | | | | | | 47.8 | | | | 44.2 | | | | | 41.4 | 215 |
| 220 | | | | | | | | | | 42.8 | | | | | 40.1 | 220 |
| 225 | | | | | | | | | | | | | | | 38.8 | 225 |
| 230 | | | | | | | | | | | | | | | 37.6 | 230 |
| 235 | | | | | | | | | | | | | | | | 235 |

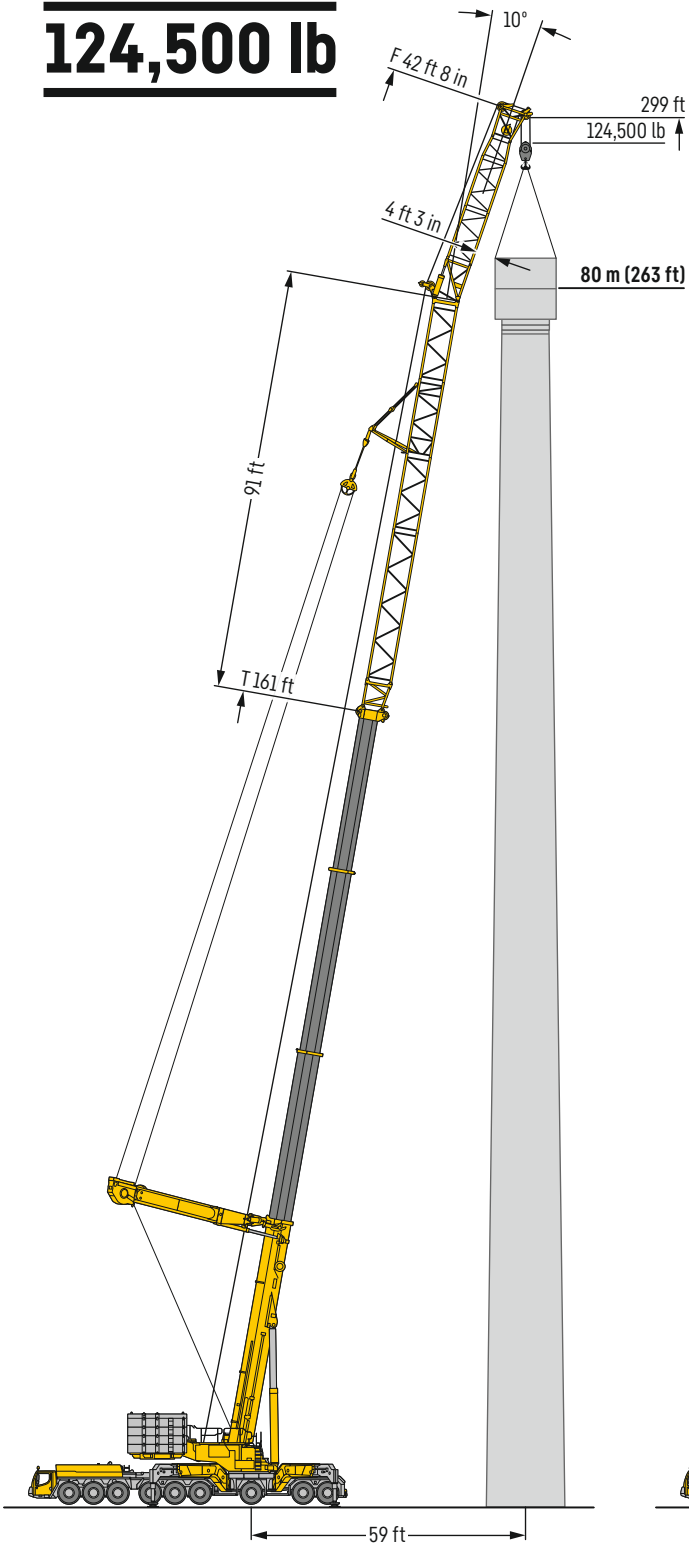
* adapter - pièce d'adaptateur

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Wind power applications

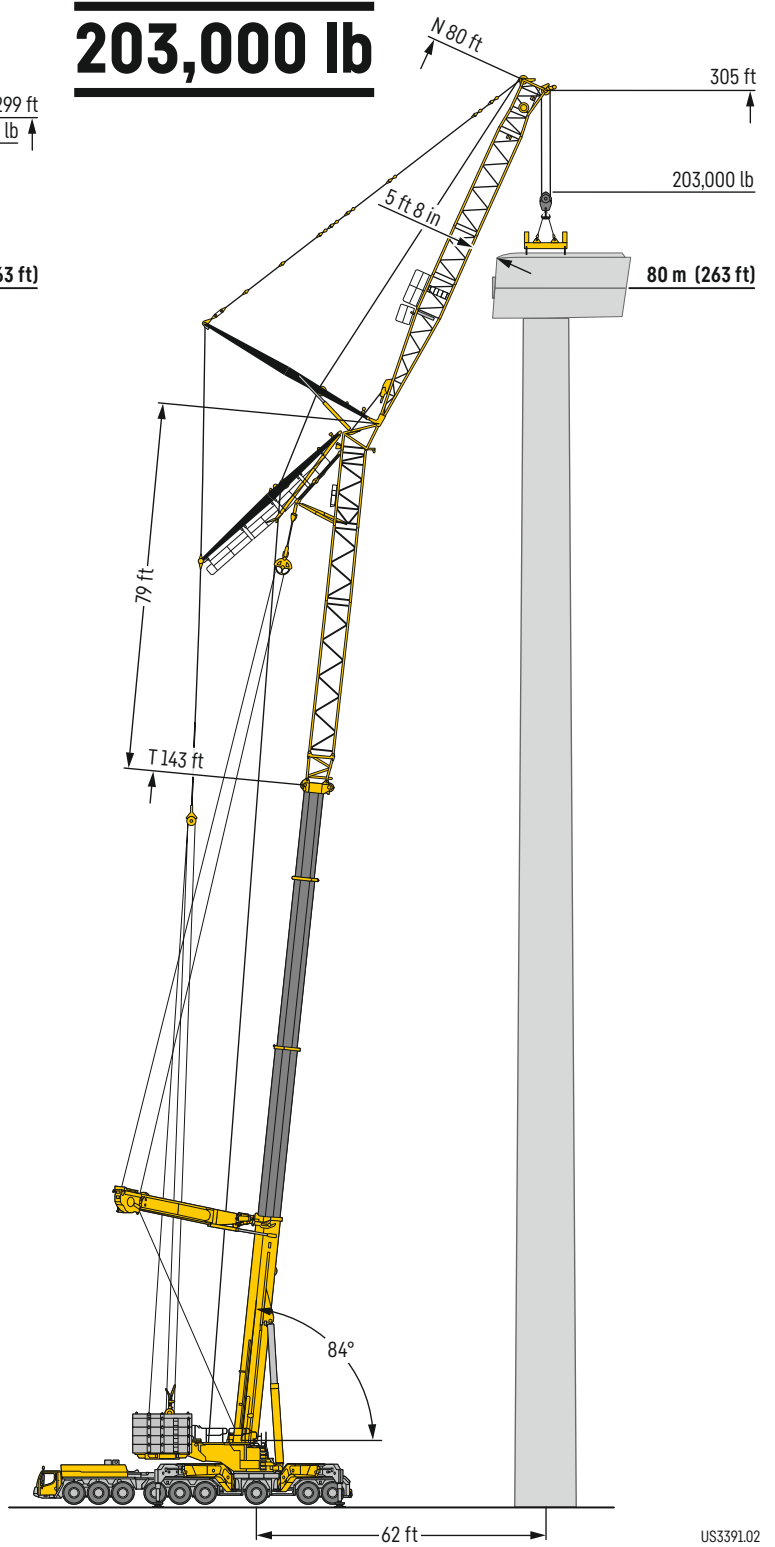
Applications de centrale éolienne

124,500 lb



**TYV23E3F
TYV23E3NZ**

203,000 lb



TYV23EN

US3391.02

Equipment

Crane carrier

| | |
|--------------------------|--|
| Frame | Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. |
| Outriggers | Four hydraulic swing-out beams with hydraulic support jacks. Operation with remote control, automatic support leveling, electronic inclination display. |
| Engine | 8-cylinder Diesel, make Liebherr, watercooled, output 505 kW (686 h.p.), max. torque 2213 lb-ft. Exhaust emissions to (EU 2016/1628 and EPA/CARB or ECE-R.96, spark arrestor. Fuel reservoir: 159 gallons. Adblue reservoir: 12 gallons. |
| Transmission | Automatic transmission system with torque converter and intarder, make ZF, 12 forward speeds and 2 reverse speeds, transfer case with transfer differential. |
| Axles | Low maintenance carrier axles, all 9 axles steered. Axle 2, 3, 5 and 6 are equipped with planetary gears, axle 5 and 6 with transversal differential locks, axle 3 and 5 with longitudinal differential locks. |
| Cardan shaft | All cardan shafts with 70° diagonal toothing and maintenance free. |
| Suspension | All axles are hydro-pneumatically suspended with automatic leveling. Suspension hydraulically lockable. |
| Tyre equipment | 18 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 and ABV automatic blocking preventer. Additional brakes: exhaust flap brake, Telma Eddy current brake, intarder in gearbox. Hand brake: Spring-loaded, acting on all wheels of axles 3 to 8. |
| Driving cab | Spacious and comfortable sheet steel cab mounted on rubber shock absorbers, safety glass windows. |
| 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. Roller-bearing slewing ring. |
| Crane engine | 6 cylinder diesel engine, make Liebherr, integrated in the counterweight frame, water-cooled, power 300 kW (408 h.p.), max. torque 1466 lb-ft. Exhaust emission according to directive 97/68/EG and EPA/CARB. Fuel tank: 200 gallons. Adblue reservoir 12 gallons. |
| Crane drive | Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control. |
| Crane control | Two self-centering control levers (joy-sticks). Foot pedal 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. |
| 2nd hoist gear | Variable axial piston motor, Liebherr hoist drum with built-in planetary gear and static brake. |
| Luffing gear | 2 differential cylinders with safety check valves. |
| Slewing gear | 3 axial piston constant motors, planetary gear, spring loaded multiple disk brake. |
| Crane cab | Corrosion resistant steel 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. |
| Counterweight | Total ballast 449,700 lb, consisting of: 1 ground plate 24,250 lb, 1 counterweight frame 50,700 lb, 16 pieces 22,050 lb each, 2 pieces 11,025 lb each, hydraulic ballasting device. |
| Telescopic boom | 1 base section and 3 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 53 ft to 171 ft. |
| Electric system | Modern data bus technique, 24 Volt DC. |

Additional equipment

| | |
|--|--|
| Guying system for telescopic boom Y | Consisting of guying frames with stay ropes, tiltable hydraulically into transport position. |
| Eccentric VE | Incl. 16 ft 5 in telescopic boom extension. |
| Telescopic boom extension V2/V3 | 32 ft 10 in lattice section (V2) + 2 x 16 ft 5 in lattice section (V3). |
| Lattice jibs F/NZF/N | Fixed lattice jib 20 ft - 180 ft long, at 0°, 10°, 20° 40° (F) or hydraulic 0° - 38° (NZF), luffing lattice jib 69 ft - 299 ft long (N). |
| 3rd hoist gear with luffing block | Variable axial piston motor, Liebherr hoist drum with built-in planetary gear and static brake, for adjusting luffing fly jib. |
| Tyre equipment | 18 tyres, size 525/95 R 25 (20.5 R 25). |
| Erection support carrier rear end | Necessary for self erection of the rear folding outriggers. |

Other items of equipment available on request.

Équipement

Châssis porteur

| | |
|--------------------------------|---|
| Châssis | Fabrication Liebherr, construction en caisson indeformable, en acier a grain fin haute resistance. |
| Stabilisateurs | Quatre poutres déployables hydrauliquement avec vérins de calage hydrauliques. 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 505 kW (686 ch), couple max. 2213 lb-ft. Emissions des gaz d'échappement conformes aux directives (EU) 2016/1628 et EPA/CARB ou ECE-R.96, pare-étincelles. Capacité du réservoir à carburant: 159 gallons. Réservoir Adblue: 12 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 9 essieux sont directeurs. Les essieux 2, 3, 5 et 6 sont des essieux planétaires, essieux 5 et 6 avec verrouillage du différentiel transversal, essieux 3 et 5 avec verrouillage du 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 | 18 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 et antiblocage du système de freinage automatique ABV. Freins auxiliaire : par clapet sur échappement, frein Telma, ralentisseur monté sur boîte de vitesse. Frein de secours et frein à main : par cylindres à ressorts sur les essieux 3 à 8. |
| Cabine | Cabine spacieuse, en tôle d'acier, équipement «grand confort», suspendue sur silent blocs, vitrage de sécurité. |
| Installation électrique | Technique moderne de transmission de données par BUS de données, courant continu 24 Volts. |

Partie tournante

| | |
|--------------------------------|---|
| Châssis | Fabrication Liebherr, construction soudée indéformable, en acier à grain fin de haute résistance. Couronne d'orientation de rouleaux. |
| Moteur | Diesel 6 cylindres, Liebherr, intégré dans le bâti de contrepoids, à refroidissement par eau, puissance 300 kW (408 ch), couple maximum 1466 lb-ft. Emissions polluantes : conformes aux normes 97/68/EG et EPA/CARB. Capacité du réservoir: 200 gallons. Réservoir Adblue: 12 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. Pédale pour télescopage. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur. |
| Treuil | Moteur hydraulique à cylindrée variable, treuil avec réducteur planétaire à frein d'arrêt à lamelles intégrées. |
| Deuxième treuil | Moteur à cylindrée variable et pistons axiaux, treuil à câble Liebherr avec réducteur planétaire intégré et frein d'arrêt commandé par ressort. |
| Relevage de flèche | 2 vérin différentiel avec soupapes de retenue. |
| Mécanisme d'orientation | 3 moteur à débit constant et pistons axiaux, réducteur planétaire, frein d'arrêt à ressort. |
| Cabine de grue | Cabine du grutier en tôle d'acier avec traitement anticorrosion, large champ de vision, vitrage de sécurité, équipement pour un confort idéal, cabine inclinable de 20° vers l'arrière. |
| Sécurité | Contrôleur de charge LICCON2, système test, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles. |
| Contrepoids | Contrepoids total 449,700 lb, comprenant : 1 plaque de base 24,250 lb, 1 bâti de contrepoids 50,700 lb, 16 éléments à 22,050 lb, 2 éléments à 11,025 lb. Dispositif de lestage hydraulique. |
| Flèche télescopique | Un élément de base et de 3 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide TELEMATIK. Longueur de flèche: 53 ft - 171 ft. |
| Circuit électrique | Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts. |

Équipement supplémentaire

| | |
|--|--|
| Haubanage de flèche Y | Composé du chevalet d'haubanage avec haubanage du câble, rabattable hydrauliquement en position de transport. |
| Axe excentrique VE | Avec extension de flèche de 16 ft 5 in. |
| Rallonge de flèche télescopique V2/V3 | Élément en treillis de 32 ft 10 in (V2) + Élément en treillis de 2 x 16 ft 5 in (V3). |
| Fléchettes F/NZF/N | Fléchette treillis fixe 20 ft - 180 ft long, sous 0°, 10°, 20°, 40° (F) ou réglable hydrauliquement 0° - 38° (NZF), fléchette treillis à volée variable 69 ft - 299 ft long (N). |
| Troisième treuil avec train de oufrage | Moteur à cylindrée variable et pistons axiaux, treuil à câble Liebherr avec réducteur planétaire intégré et frein d'arrêt commandé par ressort, pour le déploiement de la fléchette treillis à volée variable. |
| Pneumatiques | 18 pneus. Taille 525/80 R 25 (20.5 R 25). |
| Stabilisateurs de montage arrière du véhicule | Requis lors du montage autonome des poutres rabattables arrières. |

Autres équipements supplémentaires sur demande.

Description of symbols

Explication des symboles



Max. capacity
Capacité max.



Outriggers rear
Calage arrière



Telescopic boom
Flèche télescopique



Max. hoist height
Hauteur de levage max.



Crane superstructure
Partie tournante de la grue



Guying system for telescopic boom Y
Haubanage de flèche Y



Max. radius
Portée max.



infinitely variable
en continu



Luffing fly jib
Fléchette treillis à volée variable



Tyres
Pneumatiques



Rope diameter
Diamètre



Hydraulic lattice jib
Fléchette treillis hydraulique



Hookblock/Capacity
Moufle à crochet/Capacité de charge



Rope length
Longueur du câble



Telescopic boom extension
Rallonge fleche telescopique



No. of sheaves
Poulies



Max. single line pull
Effort au brin maxi.



Eccentric
Axe excentrique



No. of lines
Brins



Hoist gear
Treuil de levage



Weight
Poids



Slewing speeds
Vitesses d'orientation



Crane carrier
Châssis porteur



Boom length
Longueur de la flèche



Driving speed
Vitesse de translation



Boom position
Position de la flèche



Gradability
Aptitude à gravir les pentes



Counterweight
Contrepoids



Transmission
Boîte de vitesse



Outriggers
Calage



Gear
Vitesse



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



Onroad gear
Vitesse de route



Standard
Norme



Max. supporting forces
Forces d'appui max.



Radius
Portée



Outriggers front
Calage avant

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. Working radii are measured from the slewing centre.
7. The stated lengths of the telescopic boom are maximum values and may deviate slightly.
8. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
9. Subject to modification of lifting capacities.
10. Lifting capacities above 593,000 lb t only with additional special equipment.
11. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.
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 calculées à partir de l'axe de rotation.
7. Les longueurs indiquées pour la flèche télescopique sont des valeurs maximales et peuvent légèrement varier dans la réalité.
8. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
9. Charges données sous réserve de modification.
10. Forces de levage plus de 593,000 lb seulement avec moufle 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.

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Planning

Crane Finder



Operations

Performance



Planning

Crane Planner 2.0



Operations

Documents



Maintenance

Spare Parts Catalogue



Planning

LICCON Work Planner



Training

Digital Crane Operator



Maintenance

Parts Shop

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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