

Strong like a bull

LR 1800-1.0

Crawler crane
Grue sur chenilles

LIEBHERR

Mobile and crawler cranes



880 USt



591 ft



354 ft +
335 ft

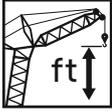


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LR 1800-1.0



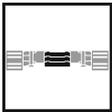
663 ft



499 ft



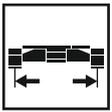
507,100 lb



286,600 lb



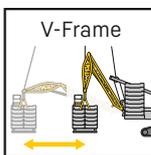
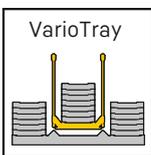
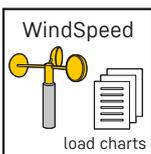
881,850 lb



29 ft 6 in



455 kW (619 h.p.)



Equipment

| | |
|------------------|---|
| Max. capacity | 1763 kip at 30 ft radius H2DBV – System with H2 187 ft and D 108 ft. |
| Max. load moment | 82,475,000 – 1369 kip at 66 ft radius. HSDBV – System with HS 138 ft and D 108 ft. |

Crawler travel gear

| | |
|-----------------|--|
| Crawler chassis | Liebherr crawler chassis consisting of one centre section and two crawler carriers with crawler plates 6'7" (optional 4'11", 7'10") and quadruple drive. |
| Central ballast | 2 brackets 11,025 lb each. Total central ballast 154,300 lb. 6 ballast plates 22,050 lb each (option). |

Crane superstructure

| | |
|------------------------------------|--|
| Superstructure frame | Liebherr-slewing platform frame, consisting of slewing platform with winch IV and removable A-frame, connected to the centre section by a roller slewing bearing. |
| Crane engine with sound insulation | 8-cylinder diesel engine, make Liebherr, water cooled, rated power 455 kW (619 h.p.), max torque 2083 lb-ft. Fuel tank approx. 291 gallons, exhaust emissions acc. to (EU) 2016/1628, EPA/CARB or ECE-R.96. |
| Winch I | Standard hoist winch, hydraulically driven with variable axial piston motor with integrated planetary gear. |
| Winch IV | Boom hoist. |
| Reeving winch | Auxiliary winch for the reeving of ropes. |
| Slewing gear | 2 slewing gears with integrated planetary gear hydraulically driven by axial piston variable motor. |
| Crane cabin | Air conditioned crane cabin tiltable to the rear with safety glazing, heat insulating glass, roof window with bullet proof glass, standardized control units ergonomically positioned. Additional thermostatically controlled hot water heating. |
| Crane control | Setting of configuration data by convenient interactive functions. All crane movements are initiated by means of three 4-way joystick hand levers and two 2-way hand/foot levers. All working movements are independently controllable. |
| Safety devices | Hoist limit switch. Safety valves against hose and pipe rupture. Drum switch limit at 3 rest layers. Wind speed gauge. Electronic inclination indicator. Aircraft warning control light. |
| Camera observation | 2 colour monitors, 4 cameras for winches, slewing platform side and rear. |
| Counterweight | 2 brackets 33,075 lb each. Total counterweight at superstructure 507,000 lb. 20 ballast plates 22,050 lb each. |

Boom system

| | |
|--------------------------------|--|
| Main boom HS | System 3330/2724 with head section for max. 1433 kip load capacity. Boom length HS 118 ft – 295 ft. Boom length HSDB 118 ft – 295 ft with derrick system. |
| Main boom (H) SL | System 3330/2724/2420 with head section for max. 992 kip load capacity. Boom length SL 98 ft – 374 ft. Boom length HSLDB 118 ft – 591 ft. |
| Lattice type luffing fly jib W | System 2724/2420 with head section for max. 992 kip load capacity. Luffing jib lengths W 59 ft – 335 ft. Winch V is needed for all luffing jib operations. |
| Derrick system D | System 2524 including guy rods. Winch III is needed for all derrick operations. Length 108 ft / 128 ft. |
| Counterweight frame B | For max. derrick counterweight of 881 kip, for infinitely variable radius from 36 ft – 59 ft. |
| Derrick-Counterweight | Plates for a total of 881 kip. |
| Winch II | Second hoist winch. |
| Winch III | Reeving main boom / Derrick operation. |
| Winch V | Luffing for W-jib configuration. |
| Winch VI | Auxiliary hoist gear. |
| Whip line | 55 kip for attaching to the S or L head. |

Additional equipment

| | |
|-----------------------------|---|
| Mechanical outriggers | For erection of long boom combinations without derrick-counterweight. |
| Hydraulic assembly jacks | Lifting of the basic machine for assembly/disassembly. Consisting of 4 support cylinders including support plates, mounted on central ballast consoles. |
| Hydraulic assembly cylinder | For assembly/disassembly of the crawler carrier by the crane itself. |
| Pin pulling device | Including mobile hydraulic aggregate. For assembly/disassembly of the pins at S and L intermediate sections. |

Other items of equipment available on request.

Équipement

| | |
|-----------------------|--|
| Capacité max. | 1763 kip pour une portée de 30 ft. Système H2DBV avec H2 187 ft et D 108 ft. |
| Couple de charge max. | 82,475,000 lb-ft – 1369 kip pour une portée de 66 ft. Système HSDBV avec HS 138 ft et D 108 ft. |

Train de chenilles

| | |
|--------------------------|---|
| Mécanisme de translation | Le train de chenilles Liebherr est composé d'une partie centrale et de deux longerons avec patins de chenilles 67" (en option 411", 710") et un entraînement à 4 positions. |
| Contrepoids central | 2 consoles de 11,025 lb. Contrepoids central total 154,300 lb. 6 plaques de lest de 22,050 lb (option). |



Partie tournante

| | |
|---|--|
| Cadre de la partie tournante | Le cadre de la partie tournante Liebherr est composé de la partie tournante avec treuil IV et du chevalet démontable A, il est relié à la partie centrale du train de roulement par une couronne d'orientation à rouleaux. |
| Moteur de la grue avec isolation phonique | Diesel Liebherr 8 cylindres, refroidissement par eau, puissance 455 kW (619 ch), couple de rotation max. 2083 lb-ft. Réservoir de carburant: env. 291 gallons. Emissions des gaz d'échappement conformes au directive (EU) 2016/1628, EPA/CARB ou ECE-R96. |
| Treuil I | Treuil de levage standard, commande hydraulique avec moteurs à cylindrée variable et pistons axiaux, réducteur planétaire intégré. |
| Treuil IV | Mécanisme de relevage. |
| Treuil de mouflage | Treuil auxiliaire pour le mouflage des câbles. |
| Mécanisme d'orientation | 2 mécanismes d'orientation avec réducteur planétaire intégré, entraînés par un moteur à cylindrée variable et pistons axiaux. |
| Cabine du grutier | La cabine du grutier est climatisée, inclinable vers l'arrière, possède un vitrage de sécurité, un vitrage isolant thermiquement, une fenêtre de toit en verre blindé, des unités de commande normalisées disposées de façon ergonomique. Chauffage d'appoint et chauffage de l'eau régulé thermostatiquement. |
| Commande de la grue | Entrée des données de configuration par des fonctions interactives simples. Tous les mouvements de la grue sont commandés par deux manipulateurs à 4 voies et deux pédale/levier à 2 voies. Tous les mouvements de travail peuvent être commandés indépendamment. |
| Dispositifs de sécurité | Interrupteur de fin de course. Clapets de sécurité contre les ruptures de tuyaux et de flexibles. Coupure de fin de course du tambour avec 3 enroulements de sécurité. Anémomètre de sécurité. Inclinomètre électronique. Balise aérienne. |
| Surveillance vidéo | 2 écrans couleur, 4 caméras dédiées aux treuils, ainsi qu'aux parties latérales et arrière de la partie tournante. |
| Contrepoids | 2 consoles de 33,075 lb chacune. Contrepoids total 507,000 lb. 20 plaques de lest à 22,050 lb (option). |



Système de flèche

| | |
|---------------------------------------|---|
| Flèche principale HS | Système 3330/2724 avec élément de tête pour une capacité max. de 1433 kip. Longueur de la flèche HS 118 ft – 295 ft. Longueur de la flèche HSDB 118 ft – 295 ft avec système derrick. |
| Flèche principale (H)SL | Système 3330/2724/2420 avec élément de tête pour une capacité max. de 992 kip. Longueur de la flèche SL 98 ft – 374 ft. Longueur de la flèche HSLDB 118 ft – 591 ft. |
| Fléchette treillis à volée variable W | Système 2724/2420 avec élément de tête pour une capacité max. de 992 kip. Longueurs de flèche treillis 59 ft – 335 ft. Le treuil V est nécessaire pour fonctionnement fléchette treillis. |
| Système derrick D | Le système 2524 comprend des tirants. Le treuil III est nécessaire au mode derrick. Longueur 108 ft / 128 ft. |
| Palette de lest B | Pour un contrepoids derrick max. de 881 kip et rayons variables progressivement de 36 ft – 59 ft. |
| Contrepoids derrick | Plaques de poids total de 881 kip. |
| Treuil II | 2. treuil de levage. |
| Treuil III | Réglage flèche principale/mode derrick. |
| Treuil V | Réglage fléchette treillis à volée variable. |
| Treuil VI | Treuil de levage auxiliaire. |
| Poulie en extrémité de mât | 55 kip pour le montage sur la tête S ou L. |

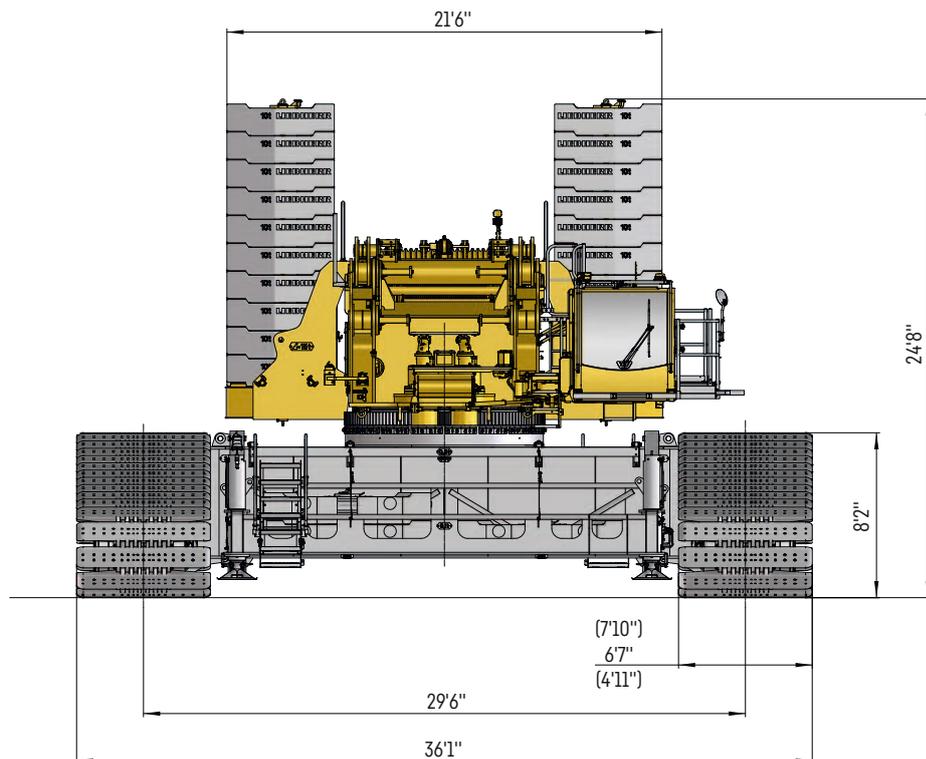
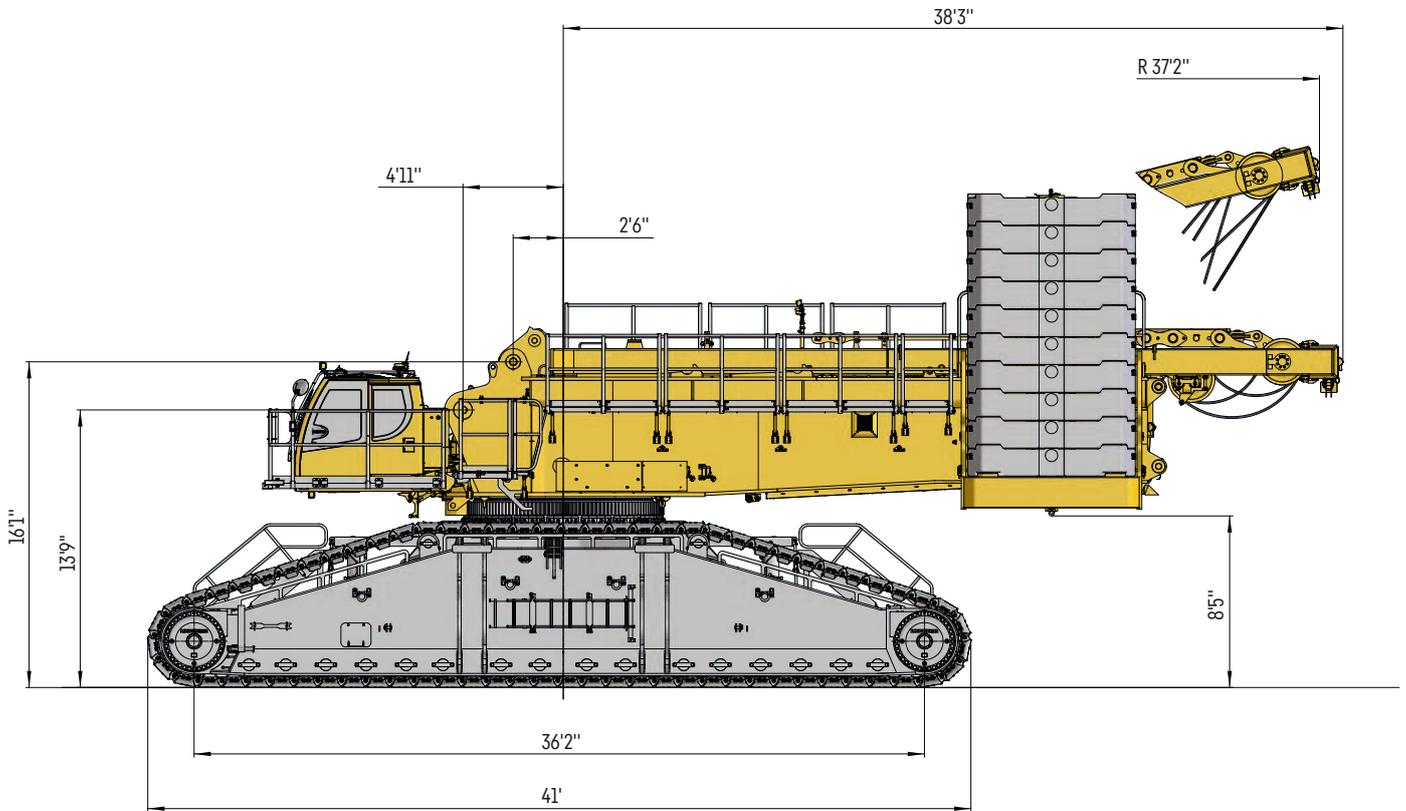
Équipement additionnel

| | |
|--|--|
| Stabilisateur additionnel mécanique | Il sert au relevage de longues combinaisons de flèche sans contrepoids derrick. |
| Stabilisateurs hydrauliques de montage | Levage de l'engin de base pour le montage/démontage. Constitués de 4 vérins de calage dont les patins de calage, montés sur les consoles de contrepoids central. |
| Vérin hydraulique de montage | Pour le montage autonome/démontage du train de chenilles. |
| Dispositif d'extraction des axes | Il est constitué du composant hydraulique mobile. Il sert à l'insertion et l'extraction d'axes des éléments intermédiaires S et L. |

D'autres équipements additionnels sont disponibles sur demande.

Dimensions

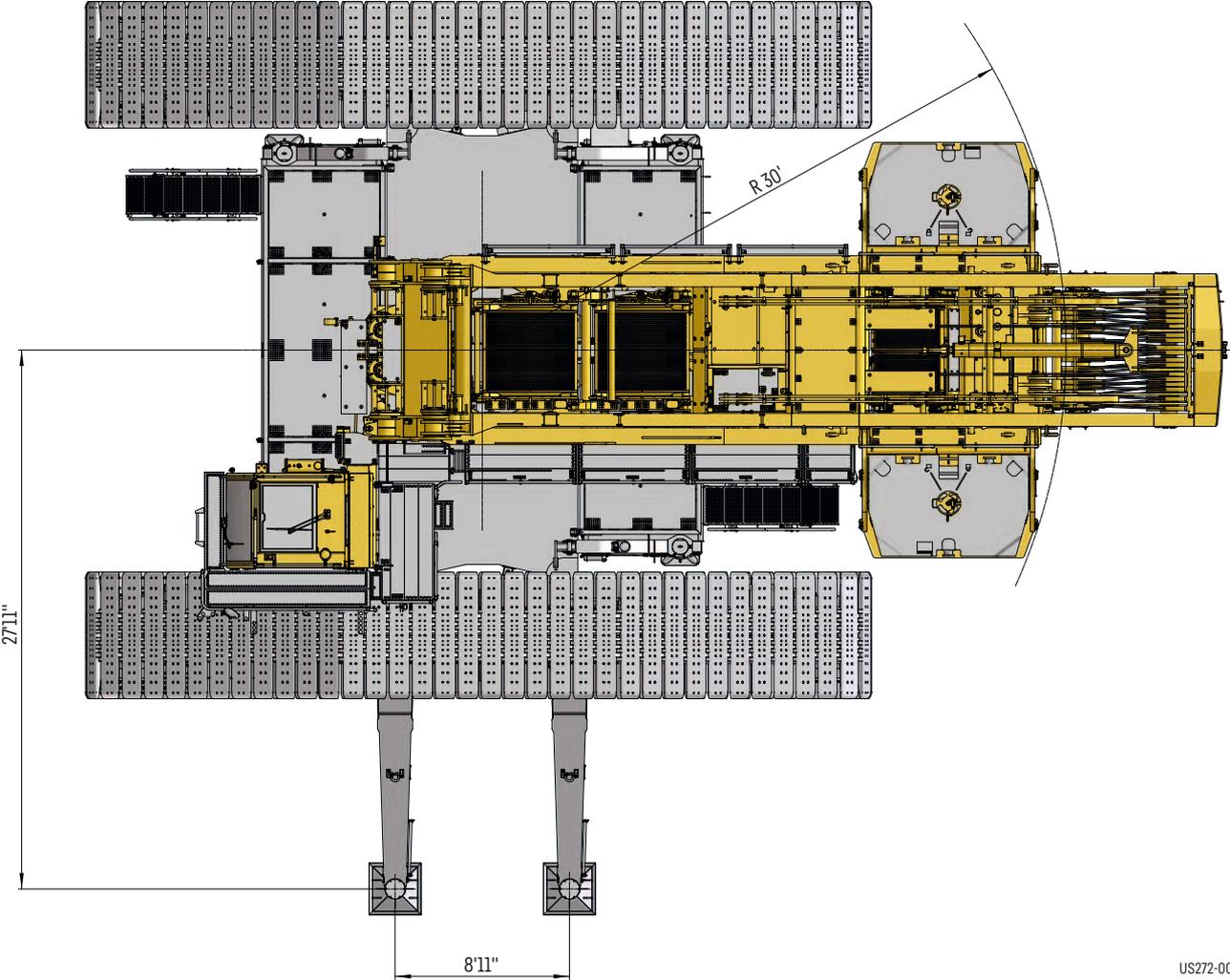
Encombrement



US272-0018-01

Dimensions

Encombrement

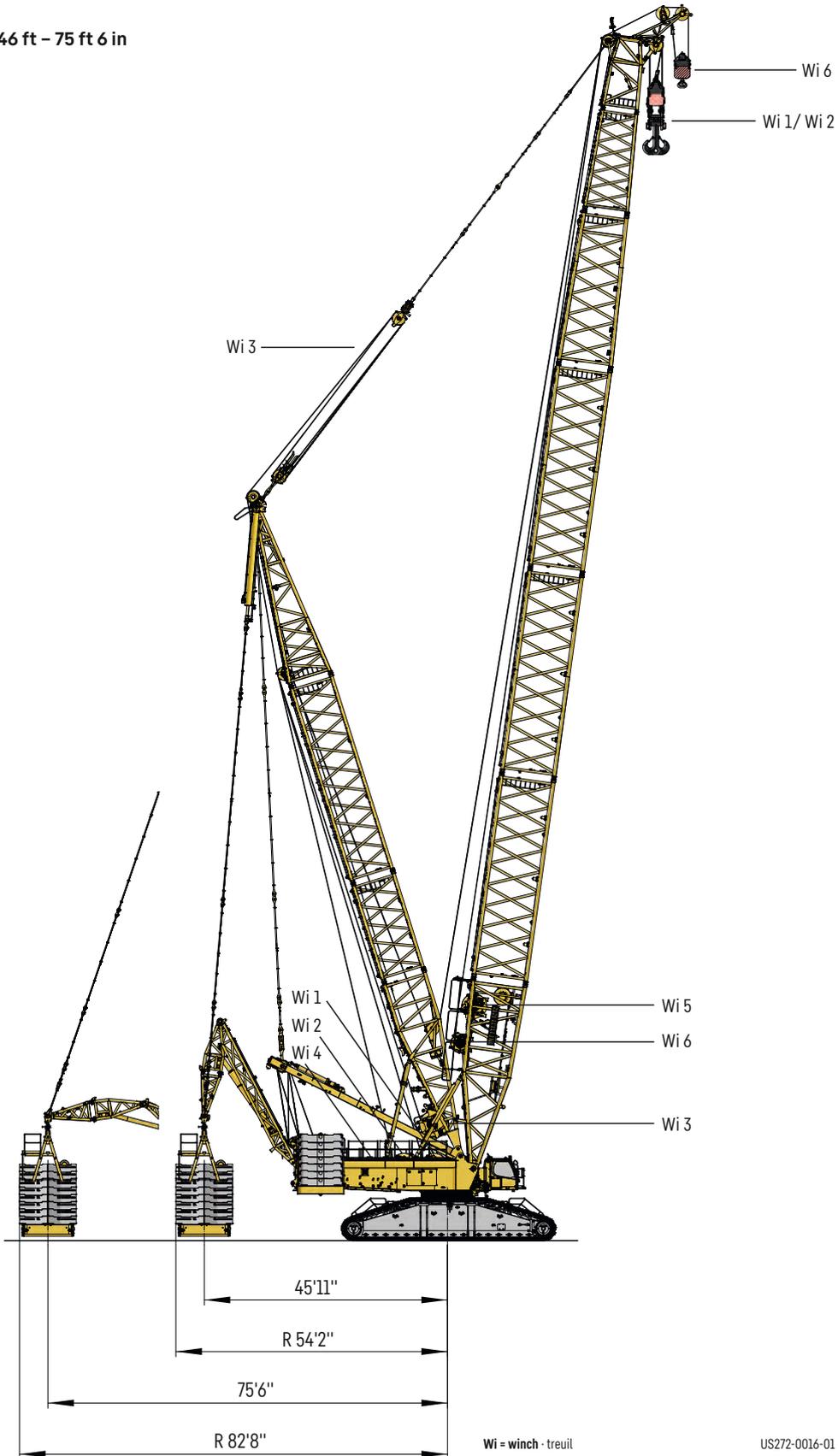


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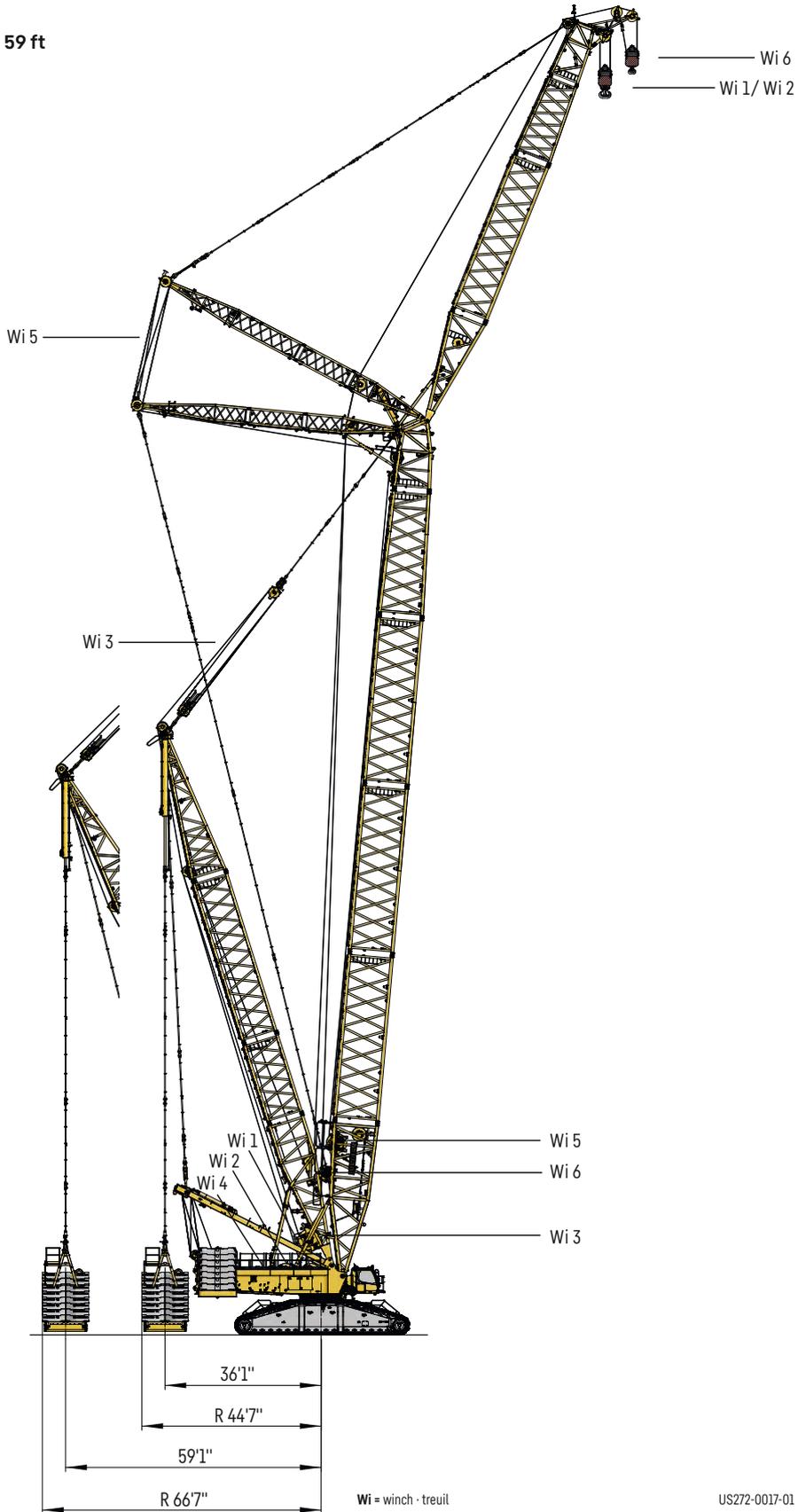
HSLDBV



46 ft - 75 ft 6 in



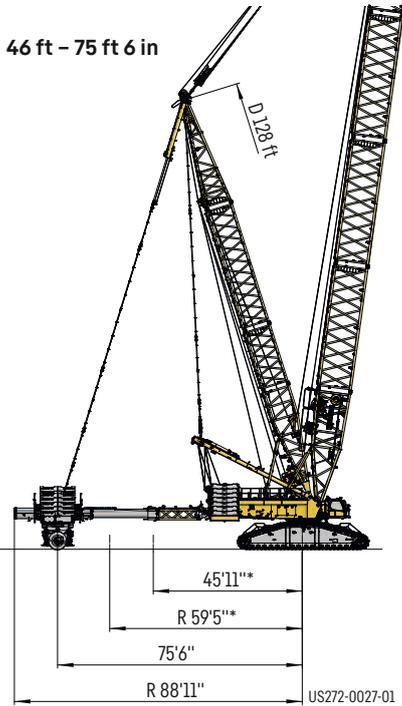
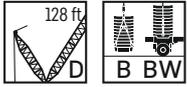
HSDWB



US272-0017-01

M-WAGON® for 3 crane models

M-WAGON® pour 3 types de grues



*without 13 ft intermediate section
sans 13 ft pièce intermédiaire

US272-0027-01

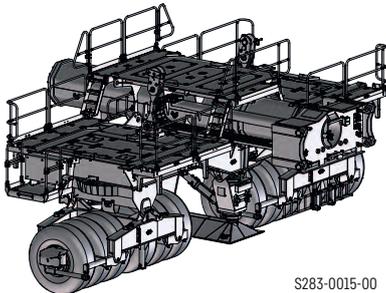
M-WAGON®

13 ft intermediate section · pièce intermédiaire

adapter · adaptateur

crane type · type de grue

One fits all
Équipement unique



S283-0015-00

+



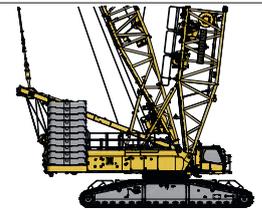
S283-0016-00

+

826,700 lb @ 69 ft



S283-0017-00



LR 1700-1.0

S283-0020-00

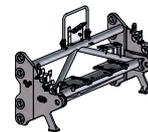
+



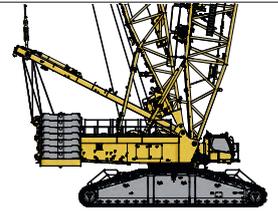
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+

881,890 lb @ 75 ft 6 in



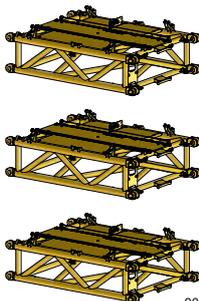
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LR 1800-1.0

S283-0021-00

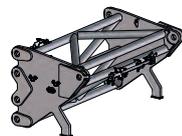
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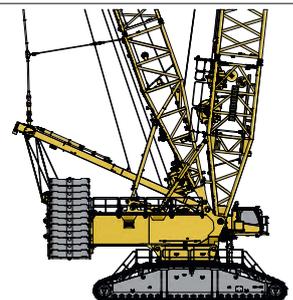
S283-0016-00

+

992,100 lb @ 98 ft 5 in



S283-0019-00



LR 1100

S283-0022-00

Crane data

Dates de la grue

Winches · Treuils

|  | V _{ft/min} |  F |  Ø |  |
|---|---------------------|---|---|---|
| 1 | 0 - 374 ft/min | 44,960 lb | 30 mm | 4265 ft |
| 2 | 0 - 374 ft/min | 44,960 lb | 30 mm | 4265 ft |
| 3 | 0 - 410 ft/min | - | - | - |
| 4 | 0 - 2 x 246 ft/min | - | - | - |
| 5 | 0 - 443 ft/min | - | - | - |
| 6 | 0 - 450 ft/min | 28,100 lb | 25 mm | 1970 ft |

Working speeds Vitesses · Velocità

| | | |
|---|--|--------------|
|  | Slewing speeds · Vitesses d'orientation | 0 - 0.67 rpm |
|  | Travel speeds · Vitesses de translation | 0 - 0.9 mph |

Hook blocks · Moufles à crochet

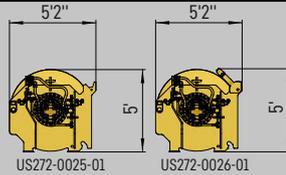
|  |  max |  Ø |  |  |  |
|---|---|---|---|---|---|
| 1,543,200 / 771,600 lb | 1,763,700 / 881,850 lb | 30 mm | 2 x 9 | 2 x 19 | 35,275 - 57,300 / 26,450 - 48,500 lb |
| 1,234,600 / 617,300 lb | 1,433,000 / 716,500 lb | 30 mm | 2 x 7 | 2 x 15 | 30,850 - 48,500 / 22,050 - 39,700 lb |
| 595,250 / 297,600 lb | 705,500 / 352,750 lb | 30 mm | 2 x 3 | 2 x 7 | 10,400 - 28,000 / 7,500 - 25,100 lb |
| 463,000 lb | 551,150 lb | 30 mm | 5 | 11 | 6,600 - 24,250 lb |
| 297,600 lb | 352,750 lb | 30 mm | 3 | 7 | 5,500 - 18,700 lb |
| 132,300 lb | 176,400 lb | 30 mm | 1 | 3 | 5,500 - 9,900 lb |
| 44,100 lb | 55,100 lb | 30 mm | - | 1 | 3,300 lb |

Transportation plan

Plan de transport

Part · Partie

Winches 1 and 2
Trebuis 1 et 2

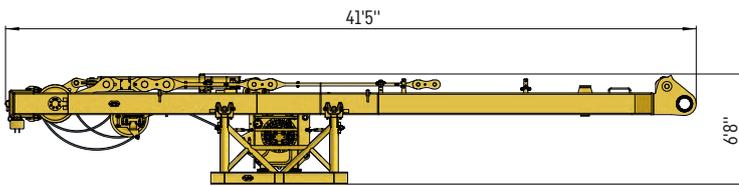


US272-0025-01 US272-0026-01



24.25 kip+
24.25 kip

SA-frame, winch 4 incl. rope and pulley block · Chevalet SA, treuil 4 incl. câble et bloc de poulies



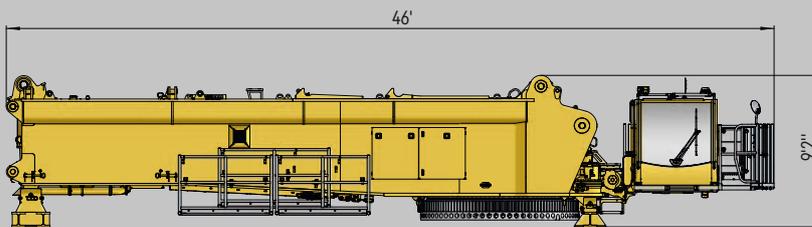
1

US272-0024-01

44.1 kip
+ 3.5 kip
Transport
bracket
Support de
transport

1

Superstructure with quick connection · Partie tournante avec quick connection



2

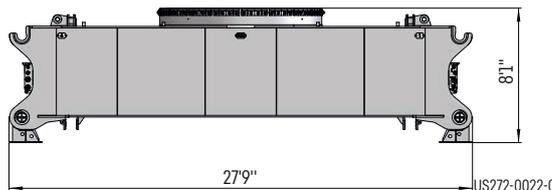
2

US272-0021-01

101.4 kip
(incl. QC)
+3.7 kip
Transport
bracket
Support de
transport

2

Middle section
Partie centrale



3

3

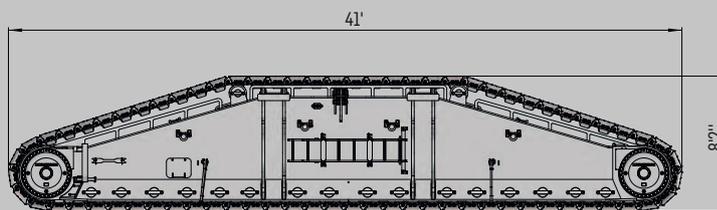
US272-0022-01

66.1 kip
+2 kip
Transport
bracket
Support de
transport

3

Crawler track (4-fold, 6 ft 7 in pads)
(*optional)

Longeron (4 positions, plaques de
6 ft 7 in) (*en option)



US272-0023-01

| | | |
|---------|-----------|-----------|
| 4'11"* | 6'7" | 7'10"* |
| 110 kip | 132.3 kip | 147.7 kip |

2 x 132.3
kip

Total · total

524.7 kip

145.5 kip

149.5 kip

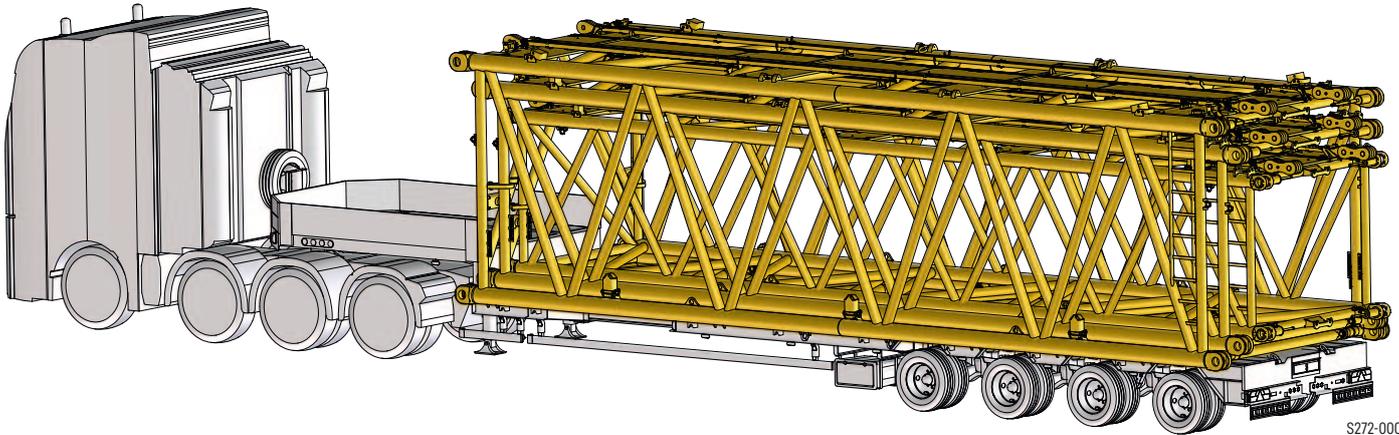
211.6 kip

194 kip

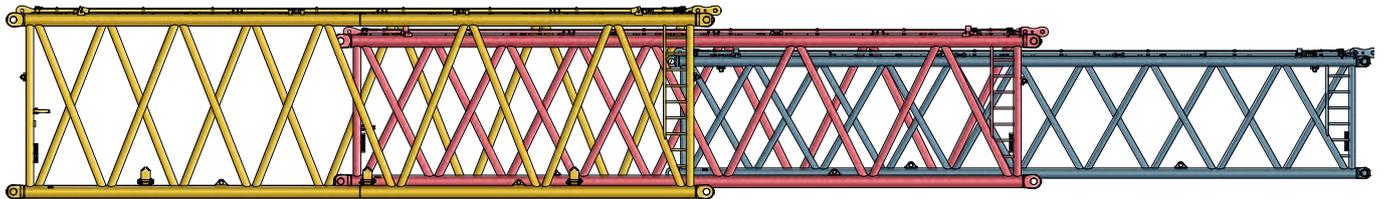
+Transport bracket
+Support de transport

Economic transport worldwide

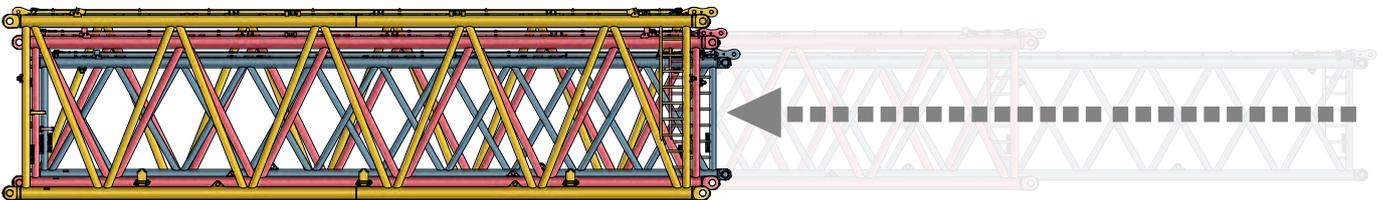
Un transport économique partout dans le monde



S272-0002-00

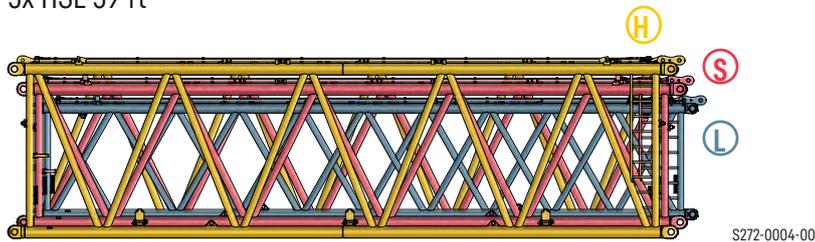


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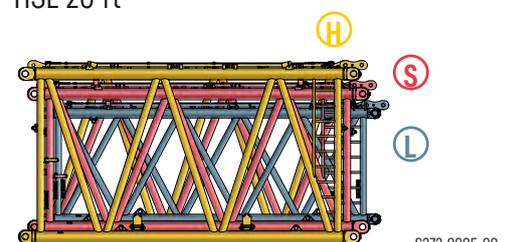
S272-0004-00

3x HSL 39 ft

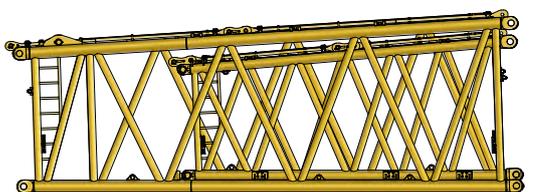


S272-0004-00

HSL 20 ft



S272-0005-00



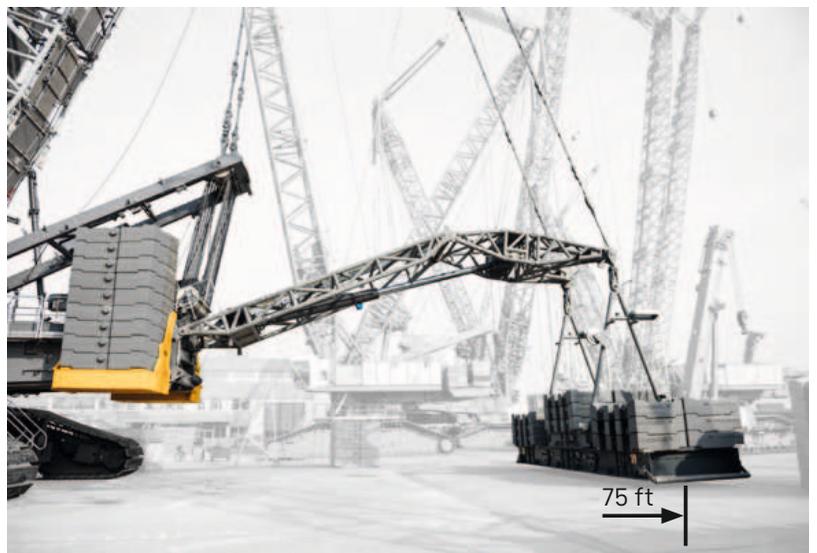
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HS-reduction section incl. SL-reduction section
Élément réducteur HS incl. élément réducteur SL

Suspended ballast V-frame

V-Frame de contrepoids suspendu

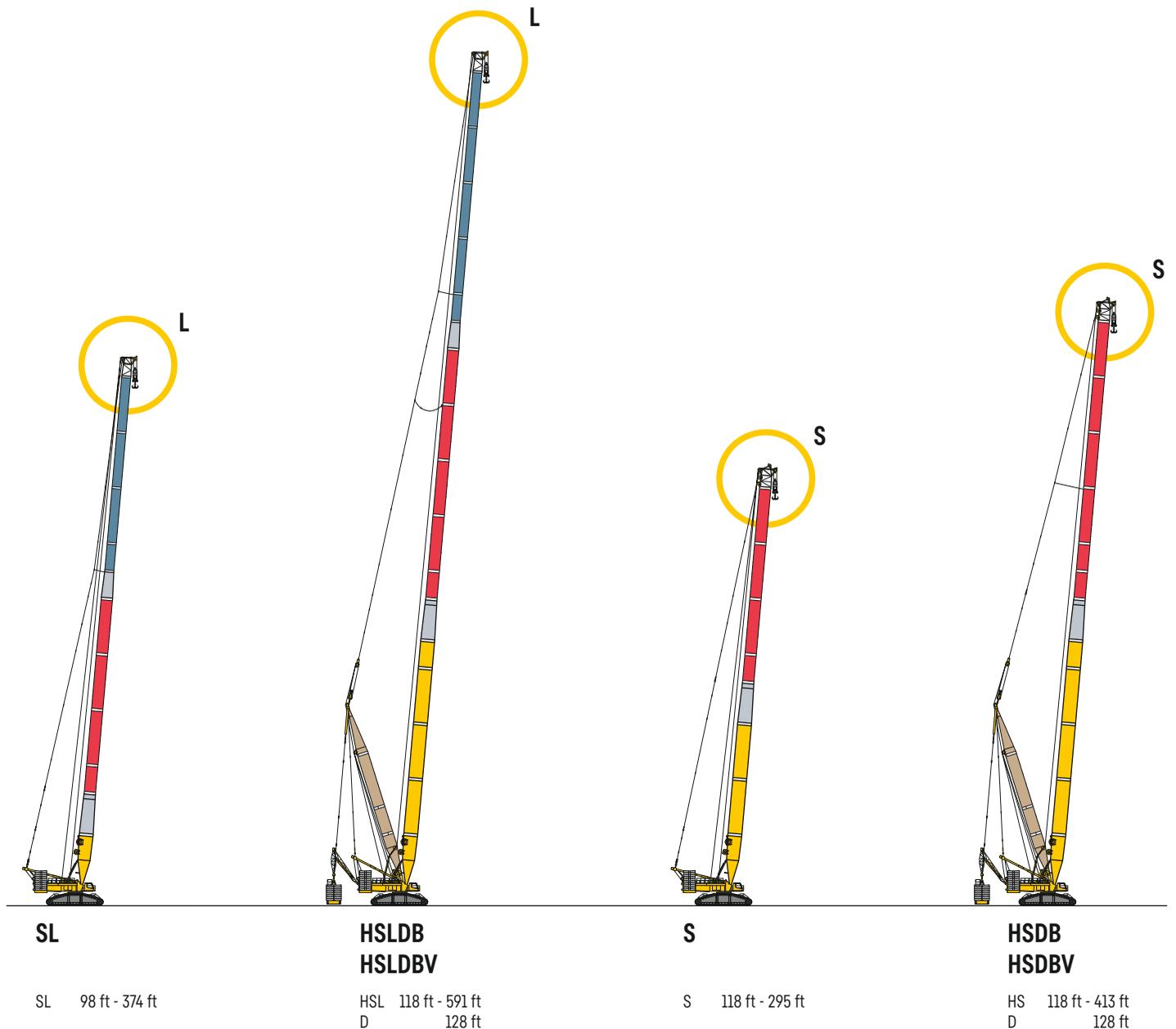
- Adjustment distance 46 ft – 75 ft
- Automated tracking of the derrick cylinders (one control movement only)
- Interpolated load chart tables
- Distance de réglage de 46 ft – 75 ft
- Guidage automatique des vérins de derrick (une seule manœuvre de commande)
- Interpolation des tableaux de charge



Boom/jib combinations

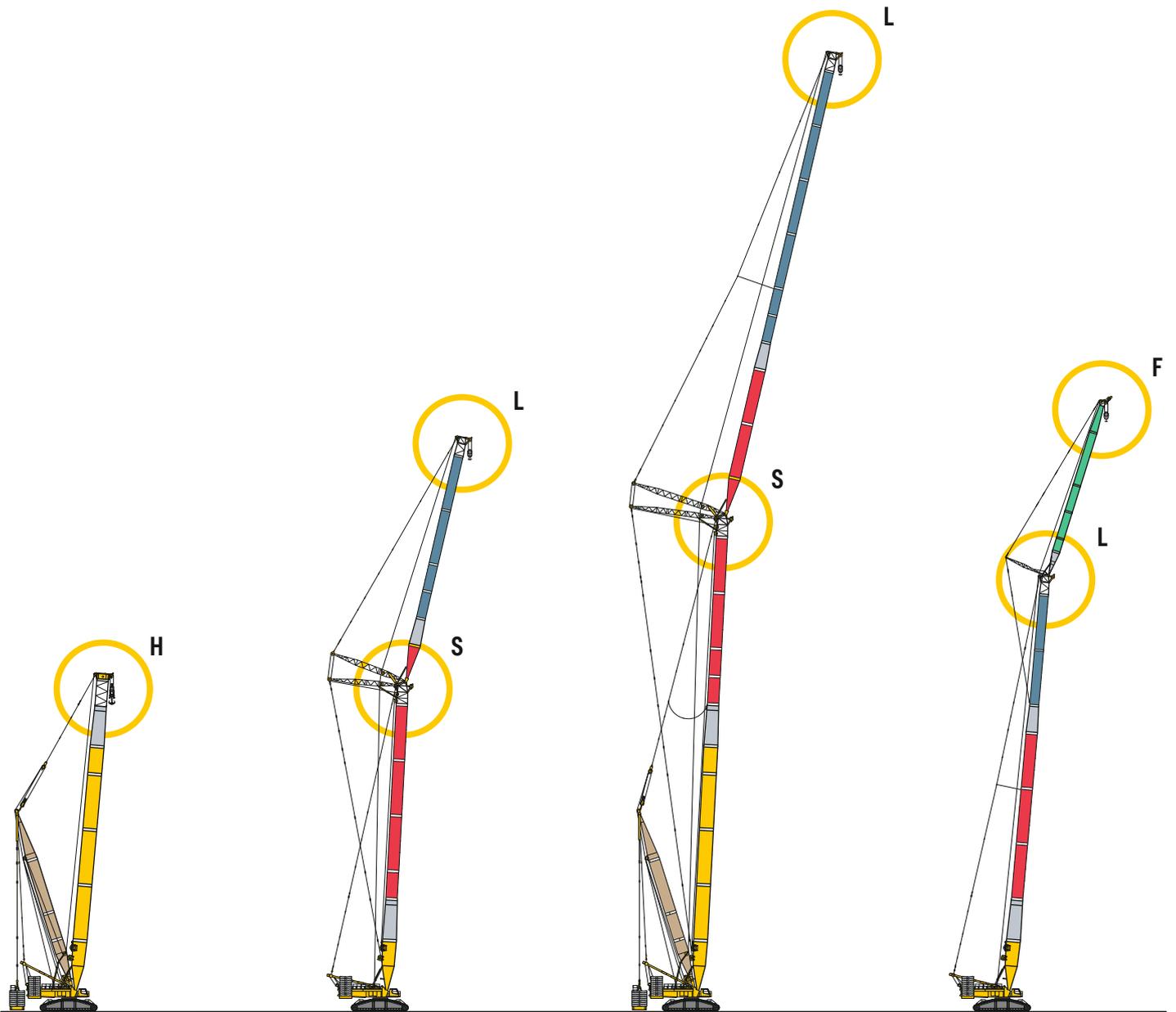
Configurations de flèche

| | |
|------------------|--|
| S/HS | Main boom, heavy · Flèche principale, lourde |
| (H)SL/2/3 | Main boom, heavy/light · Flèche principale, lourde/légère |
| D | Derrick · Flèche derrick |
| W | Luffin fly jib, heavy · Fléchette, lourde |
| W1 | Luffin fly jib, light · Fléchette, légère |
| A | Adapter · Pièce d'adaptateur |
| F | Fixed lattice jib · Fléchette à treillis fixe |
| B | Suspended ballast · Lest suspendu |
| BV | Suspended ballast V-frame · V-Frame de contrepoids suspendu |
| BW | Counterweight trailer M-Wagon · Remorque à contrepoids M-Wagon |



Boom/jib combinations

Configurations de flèche



**H2DB
H2DBV/BW**

HS 108 ft - 226 ft
D 128 ft

SW1

S 118 ft - 217 ft
W1 59 ft - 335 ft

**HSDWB
HSDWBV**

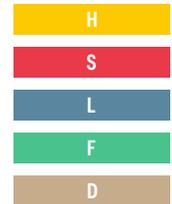
HS 138 ft - 354 ft
W 59 ft - 335 ft
D 128 ft

SLF

SL 177 ft - 354 ft
F 39 ft - 128 ft

Boom/jib combinations

Configurations de flèche



HSLDFB/BV

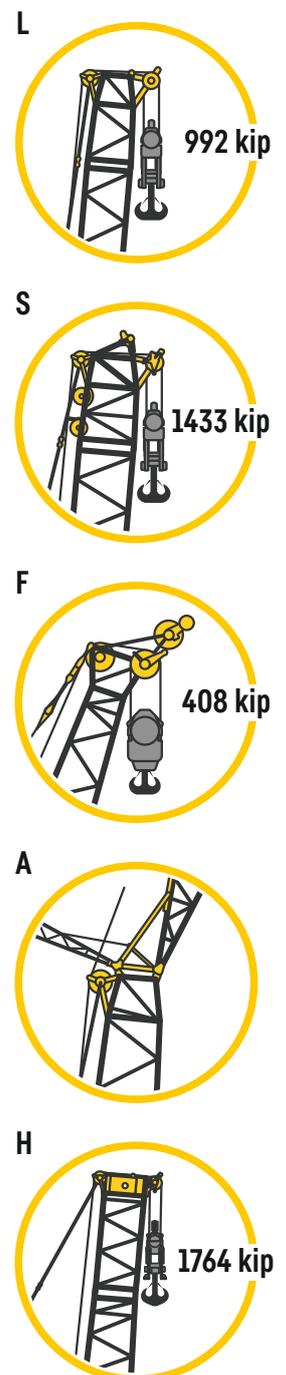
HSL 315 ft - 591 ft
 F 39 ft - 128 ft
 D 128 ft

HSL3AF

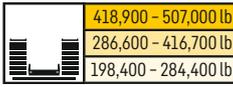
HSL3 177 ft - 335 ft
 F 39 ft - 128 ft

HSL2AZDFBV

HSL2 197 ft - 571 ft
 F 39 ft - 128 ft
 D 128 ft



US3285.02

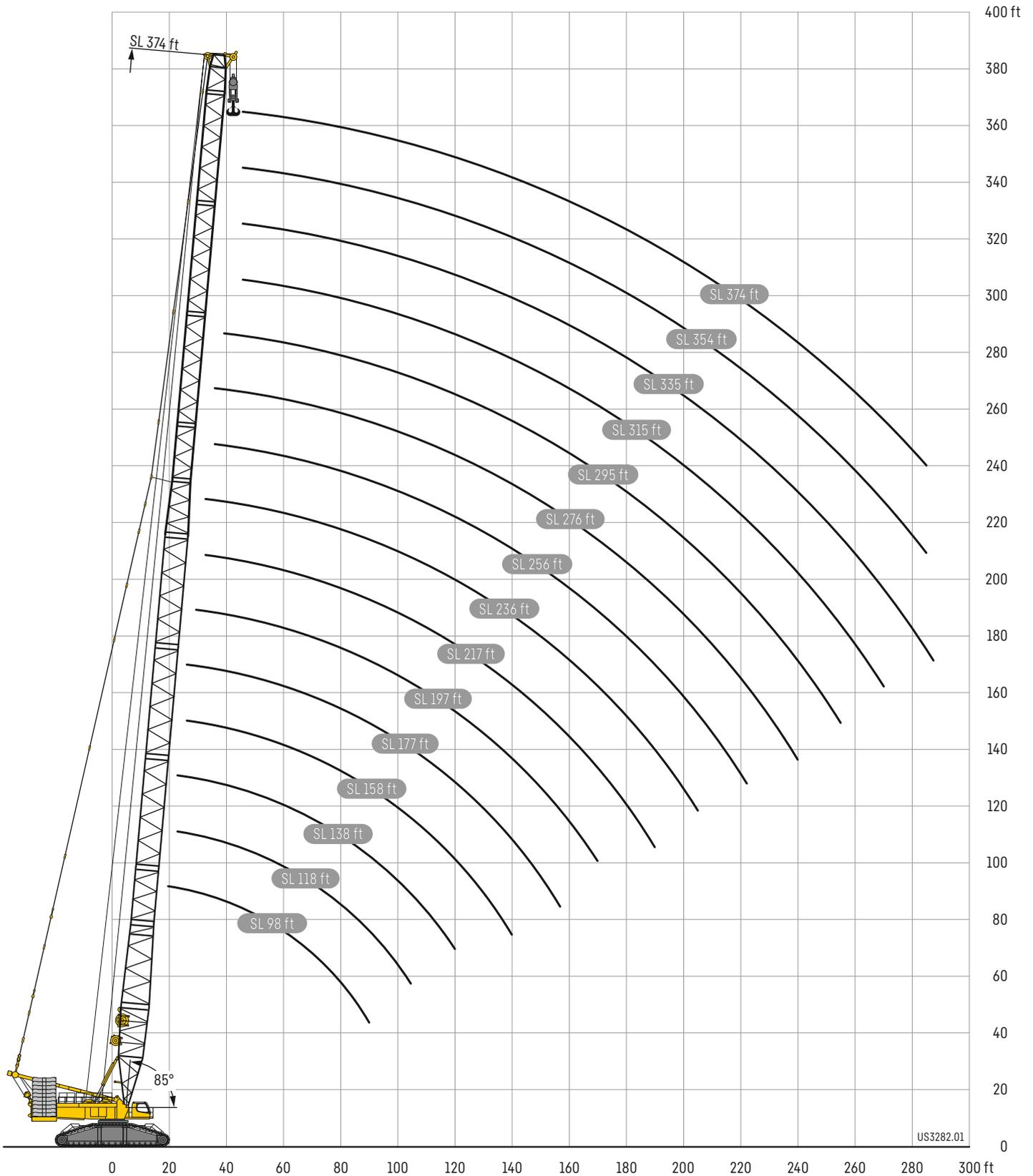


| | | SL 98 - 374 ft | | | | | | | | | | | | | | | | |
|-----|-----|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--|
| ft | | 98 ft | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | ft | |
| 19 | 992 | | | | | | | | | | | | | | | | 19 | |
| 20 | 992 | 992 | | | | | | | | | | | | | | | 20 | |
| 22 | 992 | 992 | 992 | | | | | | | | | | | | | | 22 | |
| 24 | 992 | 992 | 992 | 992 | | | | | | | | | | | | | 24 | |
| 26 | 992 | 992 | 992 | 992 | 992 | | | | | | | | | | | | 26 | |
| 28 | 992 | 992 | 992 | 992 | 992 | 768 | | | | | | | | | | | 28 | |
| 30 | 992 | 992 | 992 | 992 | 992 | 974 | 594 | | | | | | | | | | 30 | |
| 32 | 983 | 981 | 986 | 968 | 981 | 936 | 892 | 475 | | | | | | | | | 32 | |
| 34 | 955 | 953 | 942 | 935 | 922 | 875 | 836 | 798 | 430 | | | | | | | | 34 | |
| 36 | 906 | 903 | 890 | 891 | 864 | 823 | 784 | 752 | 723 | 386 | | | | | | | 36 | |
| 38 | 850 | 846 | 840 | 842 | 811 | 774 | 740 | 709 | 689 | 643 | 352 | | | | | | 38 | |
| 40 | 801 | 798 | 796 | 792 | 764 | 731 | 698 | 671 | 653 | 622 | 537 | | | | | | 40 | |
| 45 | 702 | 697 | 694 | 691 | 667 | 639 | 613 | 590 | 576 | 556 | 516 | 481 | 418 | 339 | | | 45 | |
| 50 | 619 | 615 | 614 | 609 | 589 | 566 | 544 | 524 | 513 | 497 | 485 | 465 | 410 | 330 | 278 | | 50 | |
| 55 | 555 | 551 | 549 | 545 | 526 | 506 | 487 | 470 | 462 | 448 | 438 | 424 | 399 | 322 | 270 | | 55 | |
| 60 | 500 | 497 | 495 | 490 | 475 | 457 | 440 | 425 | 419 | 406 | 398 | 386 | 377 | 313 | 262 | | 60 | |
| 65 | 453 | 450 | 448 | 444 | 431 | 415 | 400 | 387 | 382 | 370 | 364 | 352 | 345 | 304 | 255 | | 65 | |
| 70 | 408 | 408 | 406 | 402 | 394 | 379 | 366 | 353 | 350 | 339 | 334 | 324 | 317 | 294 | 248 | | 70 | |
| 75 | 371 | 370 | 368 | 364 | 361 | 349 | 336 | 324 | 322 | 312 | 308 | 298 | 292 | 280 | 241 | | 75 | |
| 80 | 337 | 337 | 335 | 332 | 328 | 322 | 310 | 299 | 298 | 289 | 285 | 276 | 270 | 262 | 234 | | 80 | |
| 85 | 308 | 308 | 306 | 303 | 300 | 296 | 287 | 277 | 276 | 267 | 264 | 256 | 251 | 243 | 226 | | 85 | |
| 90 | 283 | 282 | 283 | 278 | 276 | 270 | 266 | 257 | 257 | 248 | 246 | 238 | 234 | 226 | 218 | | 90 | |
| 95 | | 261 | 260 | 257 | 254 | 250 | 245 | 240 | 239 | 231 | 229 | 222 | 218 | 211 | 207 | | 95 | |
| 100 | | 242 | 242 | 238 | 235 | 231 | 226 | 223 | 224 | 216 | 214 | 208 | 204 | 197 | 194 | | 100 | |
| 105 | | 225 | 224 | 221 | 218 | 214 | 209 | 205 | 209 | 202 | 201 | 194 | 190 | 184 | 181 | | 105 | |
| 110 | | | 209 | 206 | 204 | 198 | 194 | 191 | 195 | 190 | 188 | 182 | 178 | 172 | 170 | | 110 | |
| 115 | | | 196 | 192 | 190 | 185 | 181 | 178 | 180 | 177 | 177 | 171 | 167 | 162 | 159 | | 115 | |
| 120 | | | 184 | 180 | 177 | 173 | 168 | 165 | 169 | 165 | 166 | 161 | 157 | 152 | 150 | | 120 | |
| 125 | | | | 169 | 166 | 162 | 157 | 154 | 158 | 154 | 156 | 151 | 148 | 142 | 140 | | 125 | |
| 130 | | | | 159 | 156 | 151 | 147 | 144 | 147 | 144 | 146 | 142 | 140 | 134 | 132 | | 130 | |
| 135 | | | | 150 | 147 | 142 | 139 | 135 | 138 | 135 | 137 | 133 | 131 | 126 | 124 | | 135 | |
| 140 | | | | 141 | 138 | 134 | 130 | 126 | 129 | 126 | 128 | 125 | 124 | 119 | 117 | | 140 | |
| 145 | | | | | 130 | 126 | 122 | 119 | 122 | 118 | 120 | 118 | 116 | 112 | 110 | | 145 | |
| 150 | | | | | 123 | 119 | 115 | 112 | 115 | 111 | 113 | 110 | 109 | 105 | 104 | | 150 | |
| 155 | | | | | 116 | 112 | 108 | 104 | 108 | 104 | 106 | 103 | 103 | 99.2 | 98 | | 155 | |
| 160 | | | | | | 106 | 102 | 98.2 | 102 | 98.2 | 99.6 | 96.9 | 96.3 | 93.6 | 92.2 | | 160 | |
| 165 | | | | | | 100 | 96.4 | 92.5 | 95.8 | 92.3 | 93.8 | 90.9 | 90.1 | 88 | 86.9 | | 165 | |
| 170 | | | | | | 95.1 | 90.9 | 86.8 | 90.3 | 87 | 88.4 | 85.4 | 84.5 | 82.5 | 81.9 | | 170 | |
| 175 | | | | | | | 85.7 | 81.7 | 85.1 | 81.7 | 83.1 | 80.1 | 79.1 | 77 | 76.9 | | 175 | |
| 180 | | | | | | | 81.1 | 77.2 | 80.3 | 76.5 | 78.6 | 75.2 | 74.3 | 72.2 | 72.1 | | 180 | |
| 185 | | | | | | | 76.7 | 72.8 | 75.5 | 71.9 | 74 | 70.4 | 69.7 | 67.5 | 67.3 | | 185 | |
| 190 | | | | | | | 72.6 | 68.5 | 71.3 | 67.8 | 69.4 | 66.4 | 65.4 | 63.3 | 63.1 | | 190 | |
| 195 | | | | | | | | 64.7 | 67.5 | 63.8 | 65.3 | 62.5 | 61.3 | 59.2 | 58.9 | | 195 | |
| 200 | | | | | | | | 60.9 | 63.7 | 59.7 | 61.5 | 58.5 | 57.6 | 55.3 | 55.1 | | 200 | |
| 205 | | | | | | | | 57.4 | 60.1 | 56.3 | 57.9 | 54.8 | 54 | 51.6 | 51.4 | | 205 | |
| 210 | | | | | | | | | 56.9 | 53 | 54.4 | 51.3 | 50.4 | 48.1 | 47.9 | | 210 | |
| 215 | | | | | | | | | 53.7 | 49.7 | 51.1 | 48.1 | 46.8 | 45 | 44.6 | | 215 | |
| 220 | | | | | | | | | 50.6 | 46.6 | 48.1 | 44.9 | 43.7 | 41.8 | 41.4 | | 220 | |
| 225 | | | | | | | | | | 43.8 | 45.3 | 41.8 | 40.6 | 38.6 | 38.7 | | 225 | |
| 230 | | | | | | | | | | 41.1 | 42.5 | 39 | 38 | 35.7 | 35.9 | | 230 | |
| 235 | | | | | | | | | | | 38.5 | 39.7 | 36.3 | 32.9 | 33.1 | | 235 | |
| 240 | | | | | | | | | | | 36.1 | 37.3 | 33.9 | 30.3 | 30.3 | | 240 | |
| 245 | | | | | | | | | | | | 34.9 | 31.5 | 27.9 | 27.8 | | 245 | |
| 250 | | | | | | | | | | | | 32.6 | 29.1 | 25.5 | 25.3 | | 250 | |
| 255 | | | | | | | | | | | | 30.5 | 27 | 23.1 | 23.1 | | 255 | |
| 260 | | | | | | | | | | | | | 24.9 | 21.1 | 20.9 | | 260 | |
| 265 | | | | | | | | | | | | | 22.8 | 19 | 18.7 | | 265 | |
| 270 | | | | | | | | | | | | | 20.8 | 17.1 | 16.6 | | 270 | |
| 275 | | | | | | | | | | | | | | 15.2 | 14.7 | | 275 | |
| 280 | | | | | | | | | | | | | | 13.2 | 12.8 | | 280 | |
| 285 | | | | | | | | | | | | | | 11.6 | 11 | | 285 | |
| 290 | | | | | | | | | | | | | | 12.2 | | | 290 | |

Lifting heights

Hauteurs de levage

SL



HSLDB/HSLDBV

HSL 118 - 591 ft



| ft | HSL 118 - 591 ft | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | 394 ft | 413 ft | 433 ft | 453 ft | 472 ft | 492 ft | 512 ft | 532 ft | 551 ft | 571 ft | 591 ft | |
| 115 | Ot | | 185 | 179 | 180 | 175 | 166 | 158 | 179 | 173 | 167 | 160 | 155 | 147 | 149 | 143 | 145 | 137 | 136 | 131 | 130 | 120 | 116 | | | |
| | B | | 534 | 525 | 578 | 572 | 565 | 559 | 567 | 560 | 550 | 535 | 525 | 506 | 456 | 426 | 357 | 321 | 284 | 242 | 206 | 196 | 175 | | | |
| | BV | | 624 | 674 | 687 | 676 | 669 | 663 | 655 | 651 | 638 | 607 | 596 | 557 | 519 | 493 | 457 | 376 | 336 | 292 | 248 | 211 | 200 | 178 | 152 | 131 |
| 120 | Ot | | 173 | 169 | 167 | 163 | 155 | 147 | 168 | 161 | 156 | 149 | 144 | 136 | 138 | 133 | 135 | 128 | 126 | 121 | 121 | 111 | 107 | | | |
| | B | | 509 | 504 | 500 | 551 | 545 | 539 | 534 | 540 | 533 | 525 | 512 | 501 | 486 | 448 | 415 | 351 | 317 | 280 | 239 | 203 | 193 | 172 | | |
| | BV | | 578 | 633 | 654 | 645 | 639 | 632 | 627 | 621 | 613 | 589 | 577 | 542 | 507 | 482 | 451 | 371 | 331 | 290 | 245 | 208 | 197 | 176 | 150 | 130 |
| 125 | Ot | | | 159 | 156 | 157 | 152 | 146 | 138 | 157 | 151 | 146 | 139 | 134 | 126 | 128 | 123 | 126 | 118 | 117 | 113 | 112 | 103 | 98.5 | | |
| | B | | | 482 | 478 | 527 | 521 | 514 | 510 | 516 | 509 | 502 | 490 | 481 | 466 | 441 | 408 | 345 | 312 | 276 | 235 | 200 | 190 | 169 | | |
| | BV | | | 596 | 622 | 617 | 611 | 604 | 599 | 593 | 586 | 570 | 559 | 529 | 494 | 471 | 443 | 366 | 327 | 288 | 242 | 205 | 195 | 173 | 147 | 128 |
| 130 | Ot | | | 149 | 146 | 146 | 142 | 136 | 128 | 147 | 141 | 136 | 130 | 125 | 117 | 120 | 115 | 117 | 110 | 109 | 104 | 104 | 94.4 | 90.7 | | |
| | B | | | 461 | 457 | 503 | 499 | 492 | 487 | 493 | 485 | 479 | 469 | 461 | 448 | 434 | 402 | 338 | 307 | 272 | 231 | 197 | 187 | 167 | | |
| | BV | | | 559 | 590 | 589 | 585 | 578 | 572 | 568 | 559 | 549 | 540 | 515 | 483 | 460 | 433 | 361 | 322 | 285 | 239 | 202 | 192 | 171 | 145 | 127 |
| 135 | Ot | | | 140 | 137 | 137 | 133 | 127 | 120 | 138 | 132 | 128 | 120 | 117 | 109 | 111 | 107 | 109 | 102 | 101 | 96.5 | 96.3 | 87.1 | 83.2 | | |
| | B | | | 442 | 438 | 483 | 479 | 471 | 466 | 472 | 465 | 457 | 448 | 442 | 431 | 422 | 396 | 330 | 302 | 268 | 228 | 194 | 184 | 164 | | |
| | BV | | | 524 | 560 | 564 | 560 | 553 | 547 | 544 | 537 | 528 | 521 | 501 | 472 | 450 | 424 | 355 | 318 | 281 | 235 | 199 | 189 | 168 | 143 | 125 |
| 140 | Ot | | | 132 | 128 | 128 | 125 | 119 | 112 | 130 | 124 | 119 | 113 | 109 | 101 | 104 | 98.9 | 102 | 94.6 | 93.5 | 89.3 | 89.2 | 79.9 | 76.3 | | |
| | B | | | 424 | 420 | 464 | 459 | 452 | 446 | 452 | 445 | 438 | 430 | 423 | 414 | 408 | 388 | 325 | 296 | 264 | 224 | 190 | 181 | 162 | | |
| | BV | | | 489 | 531 | 540 | 535 | 530 | 524 | 521 | 514 | 508 | 500 | 486 | 460 | 440 | 415 | 350 | 313 | 277 | 232 | 195 | 186 | 166 | 140 | 123 |
| 145 | Ot | | | | 120 | 120 | 117 | 111 | 105 | 122 | 116 | 112 | 105 | 101 | 94 | 96.3 | 91.6 | 94.7 | 87.7 | 86.7 | 82.4 | 82.6 | 73.3 | 69.7 | | |
| | B | | | | 403 | 445 | 440 | 435 | 428 | 433 | 427 | 420 | 411 | 406 | 397 | 393 | 378 | 319 | 291 | 260 | 221 | 187 | 178 | 159 | | |
| | BV | | | | 502 | 516 | 512 | 508 | 502 | 498 | 493 | 488 | 479 | 470 | 448 | 430 | 406 | 345 | 308 | 274 | 229 | 192 | 183 | 163 | 138 | 121 |
| 150 | Ot | | | | 113 | 113 | 109 | 104 | 98.5 | 115 | 109 | 104 | 98 | 94.5 | 86.8 | 88.8 | 84.9 | 88 | 81 | 80.2 | 76.2 | 76.2 | 67.1 | 63.5 | | |
| | B | | | | 388 | 428 | 424 | 418 | 412 | 415 | 409 | 403 | 395 | 390 | 380 | 379 | 366 | 312 | 285 | 257 | 217 | 184 | 175 | 157 | | |
| | BV | | | | 474 | 496 | 492 | 487 | 482 | 477 | 473 | 469 | 461 | 453 | 436 | 420 | 398 | 339 | 304 | 270 | 225 | 189 | 180 | 161 | 136 | 119 |
| 155 | Ot | | | | 107 | 106 | 102 | 96.7 | 92.3 | 108 | 102 | 97.7 | 91.2 | 87.7 | 80.6 | 83.3 | 78.8 | 81.8 | 74.9 | 74.1 | 70.1 | 70.3 | 61.1 | 57.7 | | |
| | B | | | | 373 | 413 | 407 | 401 | 396 | 398 | 393 | 387 | 379 | 374 | 366 | 365 | 355 | 304 | 280 | 253 | 214 | 181 | 172 | 154 | | |
| | BV | | | | 446 | 477 | 472 | 466 | 463 | 458 | 453 | 451 | 443 | 436 | 423 | 410 | 389 | 334 | 299 | 266 | 221 | 186 | 177 | 158 | 134 | 117 |
| 160 | Ot | | | | 100 | 95.6 | 90.4 | 86.3 | 102 | 95.6 | 91.4 | 85.1 | 81.7 | 74.4 | 77.3 | 72.9 | 76 | 69.1 | 68.4 | 64.4 | 64.6 | 55.6 | 52.1 | | | |
| | B | | | | 397 | 392 | 386 | 382 | 377 | 372 | 365 | 360 | 351 | 351 | 343 | 298 | 275 | 247 | 211 | 178 | 169 | 151 | | | | |
| | BV | | | | 459 | 454 | 449 | 445 | 441 | 435 | 433 | 426 | 421 | 409 | 400 | 381 | 329 | 294 | 262 | 218 | 183 | 174 | 156 | 131 | 116 | |
| 165 | Ot | | | | 94.5 | 90.2 | 84.7 | 80.2 | 95.4 | 89.5 | 85.5 | 79.1 | 75.7 | 68.7 | 71.6 | 67 | 70.6 | 63.6 | 62.9 | 59.1 | 59.4 | 50.2 | 46.9 | | | |
| | B | | | | 384 | 378 | 372 | 367 | 367 | 362 | 358 | 350 | 346 | 337 | 338 | 331 | 294 | 271 | 242 | 206 | 174 | 166 | 149 | | | |
| | BV | | | | 442 | 437 | 433 | 427 | 424 | 418 | 417 | 410 | 405 | 396 | 390 | 372 | 324 | 290 | 259 | 215 | 180 | 171 | 153 | 129 | 114 | |
| 170 | Ot | | | | 89.1 | 84.9 | 79 | 74.5 | 89.6 | 84 | 79.9 | 73.7 | 70.4 | 63.3 | 66 | 61.9 | 65.2 | 58.7 | 57.7 | 53.9 | 54.3 | 45.3 | 41.9 | | | |
| | B | | | | 370 | 365 | 359 | 354 | 354 | 349 | 345 | 338 | 333 | 325 | 325 | 319 | 289 | 265 | 238 | 202 | 171 | 163 | 146 | | | |
| | BV | | | | 426 | 421 | 416 | 411 | 409 | 403 | 402 | 395 | 391 | 382 | 380 | 364 | 320 | 285 | 255 | 211 | 176 | 168 | 150 | 127 | 112 | |
| 175 | Ot | | | | 79.8 | 73.8 | 69.3 | 83.9 | 78.6 | 74.6 | 68.4 | 65.1 | 58.1 | 61.2 | 56.8 | 60.2 | 53.7 | 53 | 49.2 | 49.5 | 40.5 | 37.3 | | | | |
| | B | | | | 353 | 346 | 342 | 340 | 335 | 332 | 325 | 320 | 313 | 314 | 307 | 285 | 259 | 234 | 197 | 169 | 161 | 144 | | | | |
| | BV | | | | 406 | 401 | 397 | 394 | 388 | 387 | 381 | 377 | 369 | 368 | 356 | 315 | 281 | 252 | 208 | 174 | 165 | 148 | 125 | 110 | | |
| 180 | Ot | | | | 75.2 | 69.2 | 64.6 | 78.3 | 73.7 | 69.7 | 63.5 | 60.3 | 53.4 | 56.3 | 52 | 55.6 | 48.8 | 48.5 | 44.6 | 45 | 36 | 32.7 | | | | |
| | B | | | | 341 | 335 | 330 | 327 | 323 | 320 | 314 | 309 | 302 | 303 | 296 | 281 | 254 | 230 | 194 | 166 | 158 | 141 | | | | |
| | BV | | | | 393 | 387 | 383 | 379 | 374 | 373 | 367 | 364 | 356 | 356 | 347 | 310 | 277 | 248 | 205 | 171 | 162 | 145 | 122 | 108 | | |
| 185 | Ot | | | | 70.7 | 64.8 | 59.9 | 73.2 | 69 | 64.9 | 58.8 | 55.6 | 48.6 | 51.8 | 47.6 | 50.9 | 44.6 | 43.9 | 40.4 | 40.7 | 31.7 | 28.5 | | | | |
| | B | | | | 329 | 323 | 318 | 315 | 312 | 309 | 303 | 298 | 290 | 292 | 286 | 277 | 250 | 226 | 190 | 163 | 155 | 138 | | | | |
| | BV | | | | 380 | 374 | 368 | 366 | 361 | 360 | 354 | 351 | 343 | 345 | 336 | 306 | 273 | 245 | 202 | 168 | 160 | 143 | 120 | 106 | | |
| 190 | Ot | | | | 66.5 | 60.6 | 55.8 | 68.5 | 64.5 | 60.5 | 54.5 | 51.2 | 44.4 | 47.5 | 43.1 | 46.8 | 40.3 | 39.8 | 36.2 | 36.8 | 27.6 | 24.4 | | | | |
| | B | | | | 318 | 312 | 308 | 304 | 300 | 298 | 292 | 288 | 280 | 282 | 276 | 270 | 247 | 222 | 187 | 160 | 153 | 136 | | | | |
| | BV | | | | 367 | 361 | 356 | 354 | 348 | 348 | 341 | 339 | 332 | 333 | 326 | 301 | 269 | 242 | 199 | 165 | 157 | 140 | 118 | 105 | | |
| 195 | Ot | | | | 56.7 | 52 | 64 | 60.1 | 56.2 | 50.2 | 47 | 40.2 | 43.2 | 39.1 | 42.7 | 36.2 | 35.8 | 32.1 | 32.9 | 23.8 | 20.6 | | | | | |
| | B | | | | 302 | 297 | 294 | 290 | 288 | 282 | 278 | 270 | 272 | 266 | 263 | 243 | 218 | 184 | 157 | 150 | 134 | | | | | |
| | BV | | | | 349 | 345 | 341 | 336 | 336 | 327 | 328 | 320 | 322 | 316 | 297 | 265 | 238 | 196 | 162 | 155 | 138 | 116 | 103 | | | |
| 200 | Ot | | | | 52.9 | 48.3 | 59.3 | 55.8 | 52.3 | 46.3 | 43.1 | 36.3 | 39.4 | 35.2 | 38.7 | 32.5 | 31.9 | 28.5 | 28.9 | 20.2 | | | | | | |
| | B | | | | 292 | 287 | 283 | 280 | 277 | 273 | 269 | 261 | 263 | 257 | 256 | 238 | 215 | 180 | 154 | 147 | 131 | | | | | |
| | BV | | | | 338 | 333 | 329 | 325 | 324 | 314 | 318 | 310 | 311 | 306 | 293 | 262 | 235 | 193 | 159 | 152 | 135 | 114 | 101 | | | |
| 210 | Ot | | | | 40.9 | 52.1 | 48 | 44.9 | 39 | 35.7 | 29 | 32.1 | 28 | 31.5 | 25.2 | 24.9 | 21.3 | 22.1 | | | | | | | | |
| | B | | | | 268 | 265 | 261 | 258 | 255 | 251 | 244 | 245 | 240 | 241 | 229 | 209 | 173 | 148 | 141 | 126 | | | | | | |
| | BV | | | | 312 | 309 | 304 | 302 | 287 | 298 | 291 | 291 | 287 | 282 | 254 | 229 | 187 | 154 | 147 | 131 | | | 110 | 97.7 | | |
| 220 | Ot | | | | 35.3 | 45.2 | 41 | 38.2 | 32.3 | 29 | 22.4 | 25.5 | 21.3 | 25 | 18.7 | 18.3 | 15 | | | | | | | | | |
| | B | | | | 251 | 248 | 244 | 241 | 238 | 236 | 229 | 230 | 225 | 226 | 218 | 203 | 169 | 143 | 136 | 121 | | | | | | |
| | BV | | | | 293 | 290 | 285 | 284 | 263 | 279 | 273 | 274 | 269 | 268 | 247 | 223 | 182 | 149 | 143 | 126 | | | 106 | 94.5 | | |
| 230 | Ot | | | | 39.1 | 35 | 32.2 | 26.3 | 23 | 16.3 | 19.4 | 15.2 | | | | 12.8 | 12.2 | | | | | | | | | |
| | B | | | | 233 | 228 | 226 | | | | | | | | | | | | | | | | | | | |

HSLDB/HSLDBV

HSL 118 - 591 ft

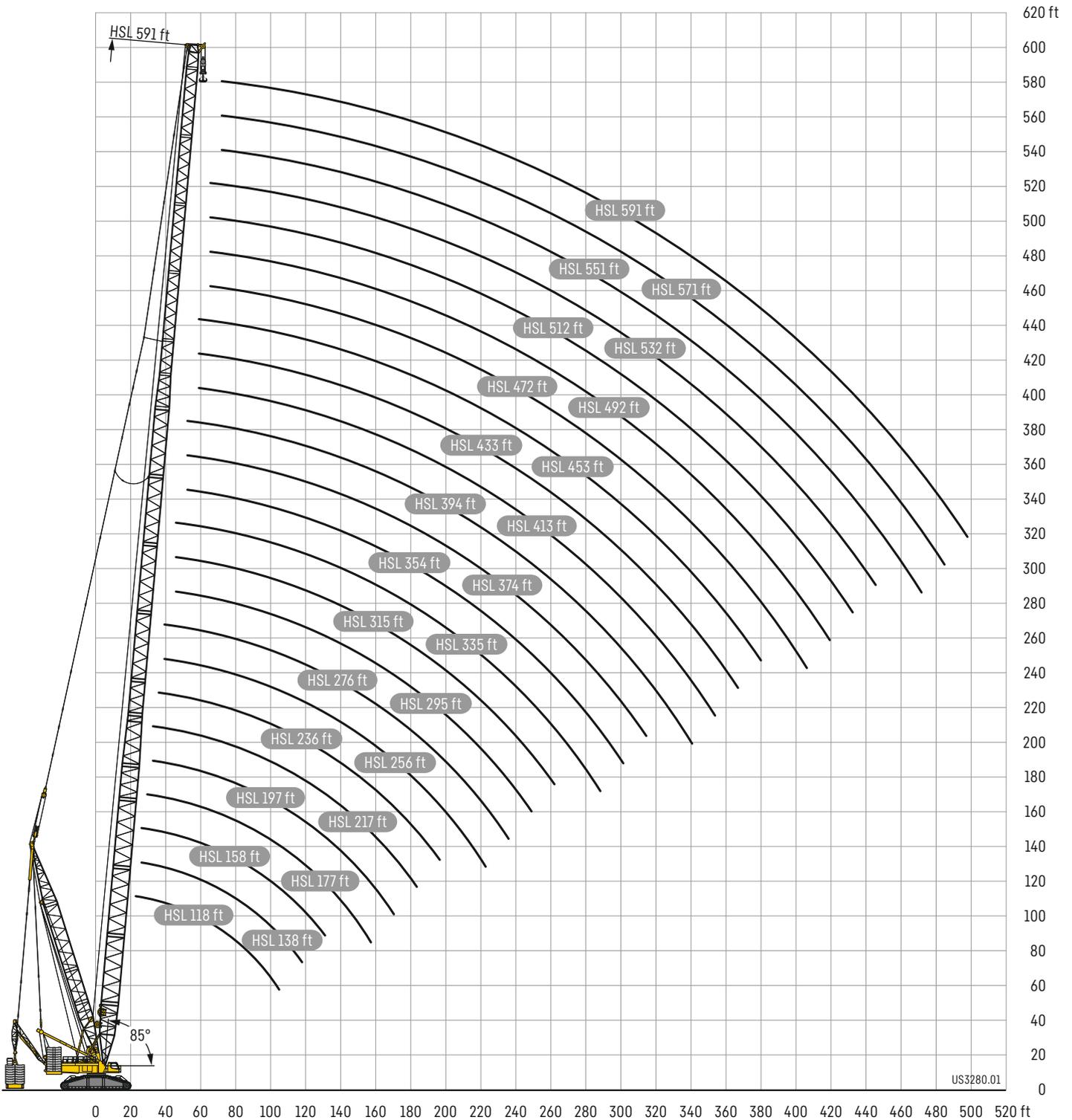


| | | HSL 118 - 591 ft | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------|------|------|
| ft | | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | 394 ft | 413 ft | 433 ft | 453 ft | 472 ft | 492 ft | 512 ft | 532 ft | 551 ft | 571 ft | 591 ft | | |
| 270 | Ot | | | | | | | | | | | 12.6 | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | 177 211 | 172 189 | 170 204 | 165 199 | 168 203 | 164 200 | 166 203 | 160 196 | 159 193 | 145 158 | 121 128 | 116 123 | 100 107 | | | 89.2 | 80.4 |
| 280 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | 162 181 | 160 193 | 155 188 | 158 191 | 154 188 | 156 191 | 150 185 | 149 184 | 140 154 | 116 125 | 112 119 | 97.5 104 | | | 86.3 | 77.9 |
| 290 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | 153 174 | 150 182 | 145 177 | 148 181 | 145 177 | 147 181 | 141 175 | 140 174 | 134 150 | 113 121 | 109 116 | 94 100 | | | 83.5 | 75.4 |
| 300 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | 142 172 | 137 167 | 140 171 | 136 167 | 139 171 | 133 165 | 132 164 | 127 146 | 110 118 | 106 113 | 90.5 97.4 | | | 80.9 | 73.1 |
| 310 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | 129 158 | 131 161 | 128 158 | 130 161 | 125 156 | 124 156 | 120 143 | 108 115 | 103 110 | 88.1 94.6 | | | 78.4 | 70.8 |
| 320 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | 121 150 | 124 153 | 120 149 | 123 153 | 118 147 | 117 147 | 113 138 | 105 112 | 98.9 107 | 85.9 91.9 | | | 76.2 | 68.6 |
| 330 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | 116 145 | 113 141 | 116 144 | 111 139 | 110 139 | 107 134 | 102 109 | 94.9 105 | 83.9 89.4 | | | 73.9 | 66.6 | |
| 340 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | 110 137 | 106 133 | 109 136 | 104 132 | 103 131 | 100 129 | 97.7 106 | 90.7 102 | 81.6 86.9 | | | 71.9 | 64.5 | |
| 350 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | 99.7 126 | 103 129 | 97.7 124 | 96.8 124 | 93.8 124 | 92.7 104 | 86 99.7 | 79.3 84.5 | | | 69.9 | 62.8 |
| 360 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | 96.5 122 | 91.7 118 | 90.9 117 | 88.3 117 | 87.8 101 | 80.6 97.7 | 75.8 82.3 | | | 68 | 61.1 | |
| 370 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | 90.8 116 | 86.1 111 | 85.2 110 | 82.8 111 | 82.8 99 | 75.1 95.7 | 71.3 80.4 | | | 66 | 59.3 | | |
| 380 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | 80.6 105 | 79.9 104 | 77.4 104 | 77.7 96.6 | 69.8 93.1 | 66.4 78.5 | | | 64.4 | 57.6 | | |
| 390 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | 75.6 99.1 | 74.6 98.5 | 72.3 98.4 | 72.7 94.2 | 65.1 88.8 | 61.6 76.6 | | | 62.8 | 56 | | |
| 400 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | 69.7 93.1 | 67.6 92.9 | 67.8 91.4 | 60.5 83.9 | 57.1 74.3 | | | 61.2 | 54.6 | | |
| 410 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | 63 87.5 | 63.3 86.4 | 56 79 | 52.8 71.9 | | | 59.8 | 53.2 | | |
| 420 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | 58.7 82.5 | 58.8 81.4 | 51.7 74.1 | 48.6 69.4 | | | 58.6 | 51.9 | |
| 430 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | 54.6 76.6 | 47.8 69.3 | 44.5 66.7 | | | 57.4 | 50.8 |
| 440 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | 50.7 72 | 43.9 64.6 | 41.5 62.5 | | | 56.1 | 49.7 |
| 450 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | 40.5 60.2 | 38.5 58.2 | | | 53.9 | 48.6 |
| 460 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | | 35.6 54 | | | 50.5 | 47.3 |
| 470 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | | | 32.9 50.1 | | | 47.1 |
| 480 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | | | | | 43.9 | 42.4 |
| 490 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 39.9 |
| 500 | Ot | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B BV | | | | | | | | | | | | | | | | | | | | | | | | | | | 37.3 |

Lifting heights

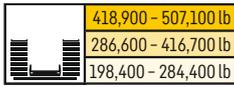
Hauteurs de levage

HSLDB/HSLDBV



S

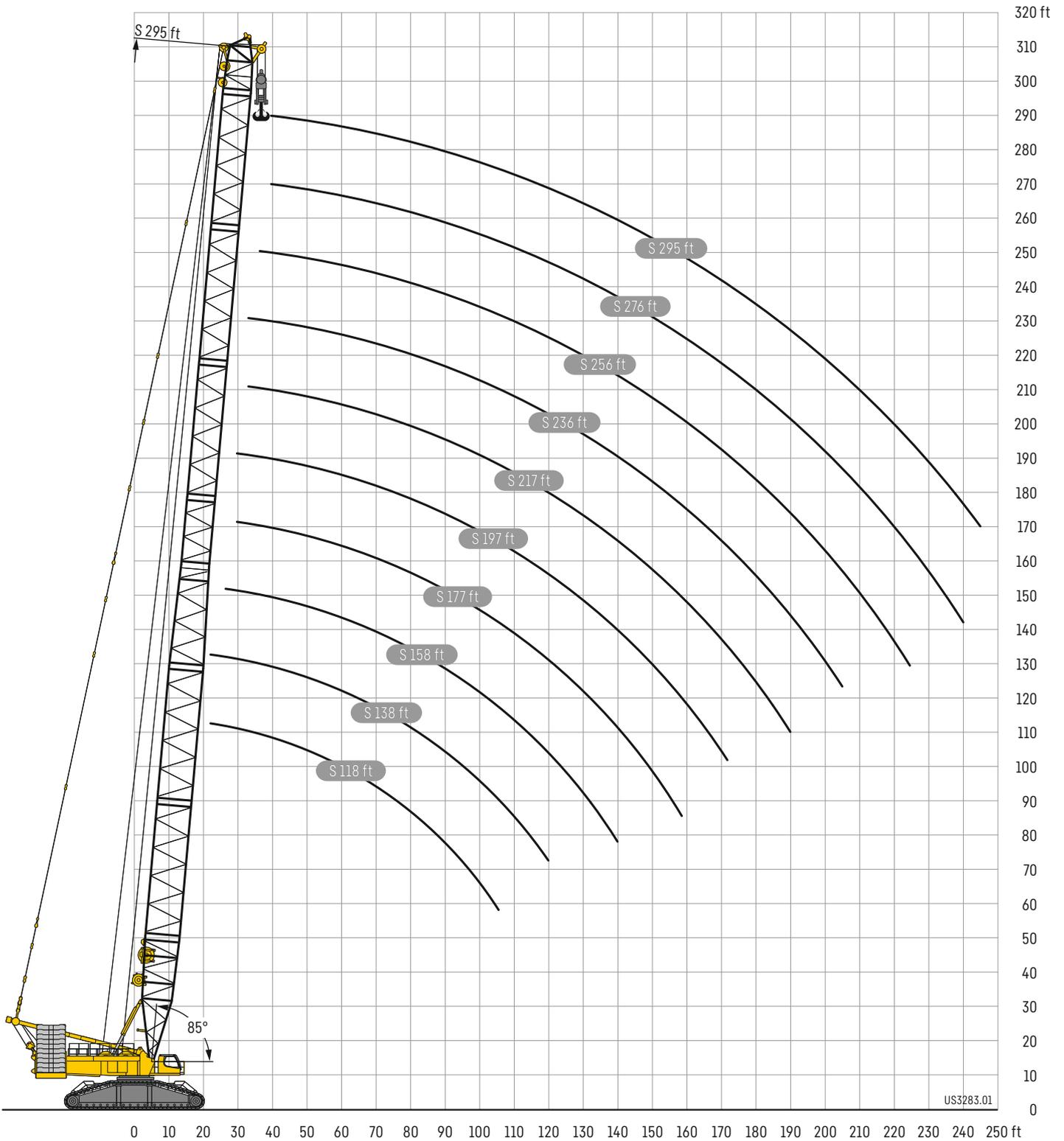
S 118 - 295 ft



| S 118 - 295 | | | | | | | | | | | |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| ft | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | ft |
| 22 | 1429 | | | | | | | | | | 22 |
| 24 | 1360 | 1367 | | | | | | | | | 24 |
| 26 | 1275 | 1270 | 1250 | | | | | | | | 26 |
| 28 | 1181 | 1175 | 1164 | 1140 | | | | | | | 28 |
| 30 | 1097 | 1090 | 1078 | 1050 | 999 | | | | | | 30 |
| 32 | 1021 | 1007 | 1007 | 974 | 928 | 884 | | | | | 32 |
| 34 | 950 | 945 | 939 | 908 | 867 | 826 | 792 | | | | 34 |
| 36 | 888 | 886 | 876 | 849 | 812 | 776 | 743 | 713 | | | 36 |
| 38 | 835 | 830 | 828 | 796 | 762 | 730 | 702 | 672 | 638 | | 38 |
| 40 | 785 | 781 | 780 | 750 | 720 | 690 | 662 | 637 | 611 | 568 | 40 |
| 45 | 684 | 678 | 676 | 652 | 627 | 603 | 582 | 560 | 538 | 520 | 45 |
| 50 | 604 | 598 | 595 | 574 | 555 | 534 | 516 | 497 | 479 | 463 | 50 |
| 55 | 539 | 533 | 531 | 512 | 494 | 477 | 461 | 445 | 430 | 415 | 55 |
| 60 | 484 | 480 | 476 | 460 | 445 | 429 | 416 | 401 | 388 | 375 | 60 |
| 65 | 438 | 433 | 431 | 416 | 403 | 389 | 377 | 364 | 352 | 340 | 65 |
| 70 | 396 | 391 | 390 | 379 | 368 | 355 | 344 | 332 | 321 | 310 | 70 |
| 75 | 358 | 353 | 352 | 347 | 336 | 325 | 315 | 304 | 294 | 284 | 75 |
| 80 | 324 | 320 | 318 | 316 | 310 | 299 | 289 | 280 | 270 | 261 | 80 |
| 85 | 295 | 292 | 290 | 287 | 285 | 276 | 267 | 258 | 248 | 240 | 85 |
| 90 | 270 | 269 | 265 | 263 | 260 | 255 | 247 | 238 | 229 | 221 | 90 |
| 95 | 249 | 246 | 244 | 241 | 239 | 235 | 229 | 221 | 212 | 205 | 95 |
| 100 | 230 | 228 | 226 | 221 | 221 | 216 | 213 | 205 | 197 | 190 | 100 |
| 105 | 214 | 210 | 209 | 205 | 203 | 199 | 197 | 191 | 183 | 176 | 105 |
| 110 | | 196 | 194 | 190 | 187 | 185 | 182 | 177 | 170 | 163 | 110 |
| 115 | | 182 | 180 | 177 | 174 | 171 | 168 | 164 | 158 | 152 | 115 |
| 120 | | 170 | 168 | 165 | 162 | 158 | 156 | 153 | 148 | 141 | 120 |
| 125 | | | 157 | 154 | 152 | 148 | 145 | 142 | 137 | 132 | 125 |
| 130 | | | 147 | 143 | 141 | 138 | 134 | 131 | 127 | 122 | 130 |
| 135 | | | 138 | 134 | 132 | 129 | 125 | 121 | 118 | 114 | 135 |
| 140 | | | 129 | 126 | 123 | 120 | 117 | 113 | 109 | 106 | 140 |
| 145 | | | | 118 | 115 | 112 | 109 | 105 | 101 | 98.2 | 145 |
| 150 | | | | 111 | 108 | 105 | 102 | 97.8 | 93.9 | 90.6 | 150 |
| 155 | | | | 104 | 102 | 97.9 | 94.5 | 91.1 | 87.2 | 83.7 | 155 |
| 160 | | | | | 95.4 | 91.4 | 88.3 | 85 | 81 | 77.2 | 160 |
| 165 | | | | | 89.9 | 85.9 | 82.6 | 78.8 | 75 | 71.3 | 165 |
| 170 | | | | | 84.5 | 80.4 | 77 | 73.2 | 69.7 | 65.8 | 170 |
| 175 | | | | | | 75.2 | 71.7 | 68 | 64.5 | 60.4 | 175 |
| 180 | | | | | | 70.6 | 67.1 | 63.2 | 59.3 | 55.9 | 180 |
| 185 | | | | | | 66.1 | 62.6 | 58.5 | 54.7 | 51.3 | 185 |
| 190 | | | | | | 62 | 58.1 | 54.2 | 50.4 | 46.7 | 190 |
| 195 | | | | | | | 54.3 | 50.3 | 46.2 | 42.5 | 195 |
| 200 | | | | | | | 50.5 | 46.5 | 42.1 | 38.5 | 200 |
| 205 | | | | | | | 46.9 | 42.7 | 38.6 | 35 | 205 |
| 210 | | | | | | | | 39.4 | 35.2 | 31.5 | 210 |
| 215 | | | | | | | | 36.2 | 32 | 28 | 215 |
| 220 | | | | | | | | 33 | 28.8 | 25 | 220 |
| 225 | | | | | | | | 30.4 | 26 | 22.2 | 225 |
| 230 | | | | | | | | | 23.3 | 19.3 | 230 |
| 235 | | | | | | | | | 20.6 | 16.5 | 235 |
| 240 | | | | | | | | | 18.2 | 14.1 | 240 |
| 245 | | | | | | | | | | 11.7 | 245 |

Lifting heights

Hauteurs de levage



HSDB/HSDBV

HS 36 - 126 ft



| | | HS 118 - 413 ft | | | | | | | | | | | | | | | |
|-----|----|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ft | | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | 394 ft | 413 ft |
| 24 | Ot | 1351 | | | | | | | | | | | | | | | |
| | B | 1432 | | | | | | | | | | | | | | | |
| 26 | Ot | 1251 | 1240 | | | | | | | | | | | | | | |
| | B | 1432 | 1432 | | | | | | | | | | | | | | |
| 28 | Ot | 1152 | 1144 | 1127 | | | | | | | | | | | | | |
| | B | 1432 | 1432 | 1432 | | | | | | | | | | | | | |
| 30 | Ot | 1063 | 1059 | 1033 | 976 | | | | | | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | | | | | | | | | | | | |
| 32 | Ot | 989 | 983 | 957 | 903 | 879 | | | | | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | 1432 | | | | | | | | | | | |
| 34 | Ot | 921 | 916 | 888 | 842 | 820 | 875 | | | | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | 1432 | 1432 | | | | | | | | | | |
| 36 | Ot | 861 | 857 | 828 | 785 | 768 | 822 | 788 | | | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | 1432 | 1432 | 1354 | | | | | | | | | |
| 38 | Ot | 808 | 803 | 774 | 736 | 720 | 773 | 744 | 713 | | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | 1432 | 1432 | 1351 | 1210 | | | | | | | | |
| 40 | Ot | 761 | 755 | 727 | 692 | 679 | 730 | 701 | 675 | 650 | | | | | | | |
| | B | 1432 | 1432 | 1432 | 1432 | 1432 | 1422 | 1341 | 1207 | 1076 | | | | | | | |
| 45 | Ot | 664 | 656 | 628 | 599 | 589 | 636 | 615 | 593 | 572 | 552 | 533 | | | | | |
| | B | 1393 | 1385 | 1374 | 1357 | 1358 | 1349 | 1281 | 1196 | 1071 | 955 | 855 | | | | | |
| 50 | Ot | 586 | 575 | 551 | 527 | 519 | 563 | 545 | 526 | 509 | 491 | 475 | 461 | 447 | 428 | | |
| | B | 1262 | 1251 | 1239 | 1227 | 1269 | 1272 | 1217 | 1154 | 1065 | 951 | 851 | 760 | 682 | 604 | | |
| 55 | Ot | 522 | 509 | 489 | 468 | 461 | 502 | 487 | 470 | 456 | 440 | 426 | 415 | 402 | 386 | 375 | 363 |
| | B | 1146 | 1137 | 1130 | 1116 | 1186 | 1198 | 1156 | 1104 | 1041 | 945 | 847 | 756 | 677 | 604 | 540 | 481 |
| 60 | Ot | 469 | 456 | 437 | 418 | 414 | 451 | 438 | 423 | 411 | 397 | 385 | 375 | 363 | 350 | 339 | 329 |
| | B | 1048 | 1042 | 1033 | 1024 | 1112 | 1123 | 1095 | 1054 | 1003 | 939 | 843 | 753 | 674 | 602 | 538 | 480 |
| 65 | Ot | 422 | 411 | 395 | 377 | 373 | 408 | 397 | 384 | 373 | 360 | 349 | 340 | 330 | 317 | 308 | 299 |
| | B | 965 | 958 | 954 | 942 | 1033 | 1039 | 1028 | 1001 | 963 | 911 | 838 | 750 | 671 | 599 | 536 | 479 |
| 70 | Ot | 378 | 372 | 358 | 342 | 339 | 371 | 361 | 349 | 340 | 328 | 318 | 310 | 301 | 289 | 281 | 272 |
| | B | 893 | 888 | 882 | 875 | 959 | 966 | 957 | 943 | 920 | 879 | 827 | 746 | 669 | 597 | 534 | 477 |
| 75 | Ot | 340 | 336 | 327 | 313 | 309 | 339 | 330 | 319 | 310 | 300 | 291 | 283 | 276 | 264 | 257 | 248 |
| | B | 832 | 825 | 819 | 814 | 895 | 902 | 894 | 882 | 870 | 844 | 804 | 742 | 665 | 594 | 532 | 475 |
| 80 | Ot | 309 | 303 | 299 | 286 | 283 | 311 | 303 | 293 | 285 | 275 | 267 | 259 | 253 | 242 | 235 | 227 |
| | B | 779 | 771 | 766 | 759 | 838 | 844 | 838 | 828 | 817 | 800 | 770 | 733 | 660 | 589 | 526 | 471 |
| 85 | Ot | 281 | 277 | 274 | 263 | 260 | 287 | 279 | 270 | 262 | 253 | 245 | 238 | 232 | 222 | 215 | 208 |
| | B | 729 | 723 | 718 | 711 | 784 | 792 | 786 | 779 | 769 | 751 | 732 | 706 | 653 | 584 | 519 | 466 |
| 90 | Ot | 257 | 254 | 249 | 243 | 239 | 265 | 258 | 249 | 242 | 233 | 226 | 220 | 213 | 204 | 198 | 191 |
| | B | 685 | 680 | 674 | 668 | 736 | 745 | 742 | 732 | 726 | 708 | 693 | 676 | 641 | 577 | 512 | 461 |
| 95 | Ot | 237 | 232 | 229 | 224 | 222 | 245 | 239 | 230 | 223 | 215 | 209 | 203 | 197 | 187 | 182 | 175 |
| | B | 647 | 640 | 636 | 629 | 695 | 702 | 700 | 693 | 684 | 671 | 656 | 642 | 618 | 569 | 505 | 455 |
| 100 | Ot | 218 | 214 | 211 | 205 | 205 | 228 | 222 | 218 | 207 | 199 | 193 | 187 | 182 | 172 | 167 | 161 |
| | B | 612 | 606 | 602 | 594 | 657 | 663 | 661 | 656 | 649 | 636 | 622 | 609 | 593 | 558 | 498 | 449 |
| 105 | Ot | 202 | 197 | 195 | 189 | 190 | 211 | 206 | 198 | 192 | 184 | 178 | 173 | 168 | 159 | 154 | 148 |
| | B | 579 | 573 | 570 | 563 | 622 | 628 | 625 | 621 | 616 | 605 | 591 | 579 | 566 | 542 | 490 | 443 |
| 110 | Ot | | 183 | 180 | 175 | 176 | 197 | 192 | 184 | 178 | 171 | 165 | 160 | 155 | 146 | 142 | 136 |
| | B | | 545 | 541 | 535 | 590 | 596 | 594 | 589 | 585 | 576 | 562 | 552 | 540 | 522 | 483 | 437 |
| 115 | Ot | | 170 | 167 | 162 | 163 | 184 | 179 | 171 | 166 | 159 | 153 | 148 | 143 | 135 | 131 | 125 |
| | B | | 519 | 514 | 509 | 561 | 567 | 565 | 559 | 556 | 549 | 537 | 525 | 516 | 500 | 474 | 431 |
| 120 | Ot | | 159 | 155 | 149 | 151 | 171 | 167 | 160 | 154 | 147 | 142 | 137 | 133 | 124 | 120 | 115 |
| | B | | 495 | 490 | 484 | 535 | 540 | 538 | 533 | 529 | 522 | 512 | 503 | 491 | 478 | 463 | 424 |
| 125 | Ot | | | 144 | 139 | 140 | 159 | 156 | 149 | 144 | 137 | 132 | 127 | 123 | 115 | 110 | 105 |
| | B | | | 468 | 462 | 512 | 515 | 513 | 508 | 504 | 497 | 489 | 481 | 471 | 457 | 445 | 416 |
| 130 | Ot | | | | 134 | 130 | 148 | 146 | 139 | 134 | 127 | 122 | 118 | 113 | 106 | 102 | 96.5 |
| | B | | | | 448 | 441 | 489 | 492 | 490 | 485 | 482 | 473 | 466 | 460 | 451 | 438 | 405 |
| 135 | Ot | | | | | 126 | 120 | 121 | 138 | 137 | 130 | 125 | 118 | 114 | 109 | 105 | 97.1 |
| | B | | | | | 428 | 422 | 468 | 471 | 468 | 464 | 461 | 453 | 445 | 439 | 432 | 420 |
| 140 | Ot | | | | | | 118 | 112 | 113 | 129 | 128 | 121 | 116 | 110 | 105 | 101 | 89.3 |
| | B | | | | | | 411 | 404 | 448 | 450 | 448 | 443 | 440 | 433 | 425 | 420 | 414 |

HSDB/HSDBV

HS 118 - 413 ft

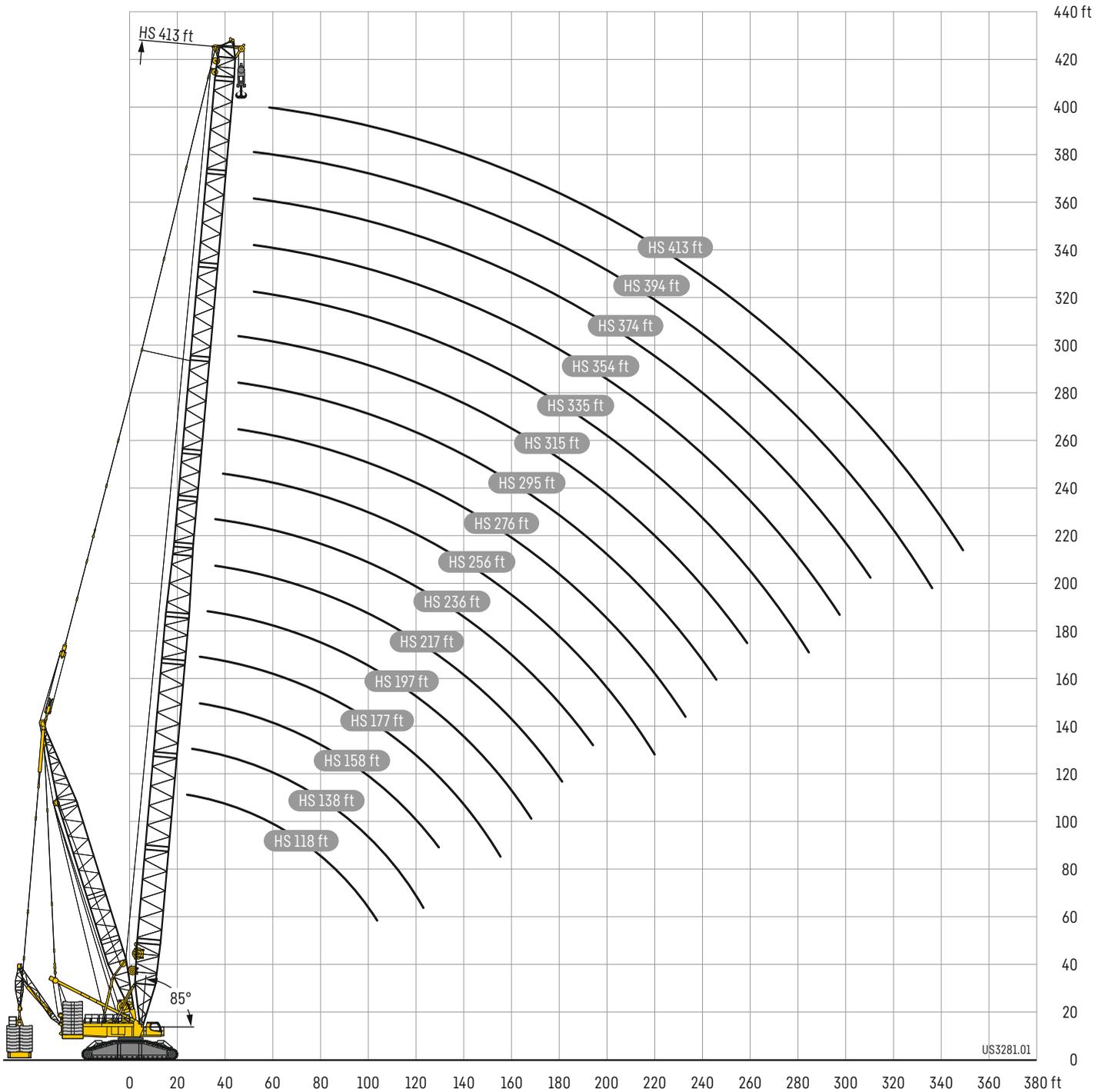


| | | HS 118 - 413 ft | | | | | | | | | | | | | | | |
|-----|----|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ft | | 118 ft | 138 ft | 158 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | 394 ft | 413 ft |
| 145 | Ot | | | | 104 | 105 | 120 | 119 | 113 | 108 | 102 | 97.5 | 93.1 | 89.4 | 82.1 | 78 | 73.3 |
| | B | | | | 387 | 429 | 430 | 429 | 424 | 421 | 415 | 408 | 402 | 396 | 387 | 379 | 369 |
| | BV | | | | 484 | 501 | 494 | 494 | 489 | 485 | 483 | 476 | 467 | 453 | 432 | 413 | 388 |
| 150 | Ot | | | | 97.9 | 97.7 | 112 | 111 | 106 | 101 | 94.7 | 90.3 | 86.1 | 82.5 | 74.8 | 71.5 | 66.6 |
| | B | | | | 372 | 413 | 412 | 411 | 407 | 403 | 397 | 391 | 385 | 380 | 370 | 364 | 355 |
| | BV | | | | 456 | 481 | 474 | 473 | 469 | 464 | 463 | 457 | 449 | 439 | 420 | 403 | 380 |
| 155 | Ot | | | | 91.6 | 91.2 | 104 | 103 | 99.1 | 94.1 | 88 | 83.6 | 79.3 | 75.7 | 68.5 | 65 | 60.4 |
| | B | | | | 358 | 397 | 395 | 393 | 390 | 386 | 380 | 375 | 370 | 364 | 356 | 349 | 342 |
| | BV | | | | 428 | 461 | 455 | 455 | 450 | 445 | 443 | 439 | 431 | 424 | 409 | 393 | 372 |
| 160 | Ot | | | | | 85 | 97.2 | 96.4 | 92.6 | 87.7 | 81.6 | 77.2 | 73.1 | 69.7 | 62.3 | 58.8 | 54.5 |
| | B | | | | | 382 | 378 | 377 | 374 | 371 | 365 | 359 | 355 | 350 | 341 | 335 | 328 |
| | BV | | | | | 443 | 436 | 436 | 432 | 428 | 425 | 421 | 415 | 409 | 397 | 384 | 364 |
| 165 | Ot | | | | | 79.6 | 91.2 | 90.1 | 86 | 81.6 | 75.6 | 71.3 | 67.2 | 63.6 | 56.5 | 53.2 | 48.5 |
| | B | | | | | 369 | 364 | 363 | 358 | 356 | 350 | 345 | 341 | 336 | 328 | 322 | 315 |
| | BV | | | | | 427 | 420 | 419 | 415 | 411 | 408 | 405 | 400 | 393 | 385 | 374 | 355 |
| 170 | Ot | | | | | 74.3 | 85.4 | 84 | 79.9 | 76 | 70 | 65.7 | 61.6 | 58.3 | 51.2 | 47.6 | 43.4 |
| | B | | | | | 355 | 350 | 348 | 344 | 342 | 337 | 332 | 328 | 323 | 315 | 309 | 303 |
| | BV | | | | | 411 | 405 | 403 | 399 | 396 | 393 | 389 | 385 | 379 | 371 | 364 | 347 |
| 175 | Ot | | | | | | 79.8 | 78.2 | 74.3 | 70.7 | 64.6 | 60.4 | 56.4 | 53 | 45.9 | 42.7 | 38.3 |
| | B | | | | | | 336 | 335 | 331 | 328 | 323 | 320 | 315 | 311 | 303 | 298 | 292 |
| | BV | | | | | | 390 | 388 | 384 | 381 | 377 | 375 | 370 | 365 | 358 | 352 | 338 |
| 180 | Ot | | | | | | 74.9 | 73.3 | 69.2 | 65.7 | 59.7 | 55.5 | 51.4 | 48.1 | 41.1 | 37.8 | 33.4 |
| | B | | | | | | 324 | 323 | 318 | 315 | 312 | 308 | 303 | 299 | 292 | 286 | 280 |
| | BV | | | | | | 376 | 375 | 371 | 366 | 364 | 361 | 356 | 352 | 346 | 340 | 329 |
| 185 | Ot | | | | | | 70.1 | 68.4 | 64.1 | 61 | 54.9 | 50.7 | 46.7 | 43.4 | 36.4 | 33.2 | 29 |
| | B | | | | | | 313 | 311 | 306 | 303 | 300 | 297 | 292 | 288 | 280 | 276 | 270 |
| | BV | | | | | | 363 | 361 | 357 | 353 | 351 | 348 | 343 | 339 | 333 | 328 | 319 |
| 190 | Ot | | | | | | 65.8 | 63.7 | 59.4 | 56.5 | 50.5 | 46.4 | 42.3 | 39 | 32.1 | 28.9 | 24.5 |
| | B | | | | | | 302 | 300 | 295 | 292 | 288 | 286 | 282 | 277 | 270 | 265 | 260 |
| | BV | | | | | | 351 | 349 | 345 | 340 | 337 | 336 | 331 | 327 | 322 | 317 | 309 |
| 195 | Ot | | | | | | | 59.7 | 55.1 | 52 | 46.3 | 42.1 | 38 | 34.8 | 27.9 | 24.6 | 20.5 |
| | B | | | | | | | 290 | 285 | 282 | 278 | 276 | 272 | 268 | 260 | 255 | 251 |
| | BV | | | | | | | 337 | 333 | 328 | 325 | 324 | 319 | 316 | 310 | 305 | 299 |
| 200 | Ot | | | | | | | 55.7 | 50.8 | 47.5 | 42.3 | 38.2 | 34 | 30.8 | 24 | 20.8 | 16.6 |
| | B | | | | | | | 280 | 275 | 271 | 268 | 265 | 263 | 258 | 250 | 246 | 241 |
| | BV | | | | | | | 326 | 322 | 316 | 314 | 312 | 308 | 305 | 300 | 295 | 289 |
| 210 | Ot | | | | | | | | 43.4 | 40.2 | 35 | 30.8 | 26.6 | 23.4 | 16.6 | | |
| | B | | | | | | | | 257 | 253 | 249 | 246 | 244 | 241 | 234 | 229 | 224 |
| | BV | | | | | | | | 301 | 296 | 293 | 290 | 287 | 285 | 280 | 276 | 271 |
| 220 | Ot | | | | | | | | 36.9 | 33.1 | 28.5 | 24.1 | 19.9 | 16.7 | | | |
| | B | | | | | | | | 240 | 236 | 232 | 229 | 227 | 225 | 218 | 213 | 209 |
| | BV | | | | | | | | 282 | 277 | 274 | 271 | 268 | 267 | 262 | 258 | 253 |
| 230 | Ot | | | | | | | | | 27.1 | 22.6 | 18.2 | 13.8 | | | | |
| | B | | | | | | | | | 221 | 216 | 214 | 212 | 209 | 204 | 199 | 194 |
| | BV | | | | | | | | | 260 | 257 | 254 | 251 | 249 | 245 | 242 | 237 |
| 240 | Ot | | | | | | | | | 21.7 | 17.2 | 12.8 | | | | | |
| | B | | | | | | | | | 207 | 203 | 200 | 197 | 195 | 190 | 186 | 181 |
| | BV | | | | | | | | | 245 | 241 | 239 | 235 | 233 | 229 | 227 | 222 |
| 250 | Ot | | | | | | | | | | 12.1 | | | | | | |
| | B | | | | | | | | | | 190 | 187 | 184 | 182 | 177 | 174 | 170 |
| | BV | | | | | | | | | | 227 | 224 | 221 | 218 | 214 | 213 | 209 |
| 260 | Ot | | | | | | | | | | | 175 | 172 | 170 | 165 | 163 | 158 |
| | B | | | | | | | | | | | 211 | 207 | 205 | 201 | 199 | 196 |
| 270 | Ot | | | | | | | | | | | | 165 | 161 | 159 | 154 | 152 |
| | B | | | | | | | | | | | | 199 | 195 | 192 | 188 | 187 |
| | BV | | | | | | | | | | | | | | | | |
| 280 | Ot | | | | | | | | | | | | | 151 | 144 | 142 | 138 |
| | B | | | | | | | | | | | | | 183 | 180 | 177 | 175 |
| | BV | | | | | | | | | | | | | | | | |
| 290 | Ot | | | | | | | | | | | | | | 142 | 135 | 129 |
| | B | | | | | | | | | | | | | | 173 | 167 | 165 |
| | BV | | | | | | | | | | | | | | | | |
| 300 | Ot | | | | | | | | | | | | | | | 131 | 120 |
| | B | | | | | | | | | | | | | | | 160 | 154 |
| | BV | | | | | | | | | | | | | | | | |
| 310 | Ot | | | | | | | | | | | | | | | | 117 |
| | B | | | | | | | | | | | | | | | | 147 |
| | BV | | | | | | | | | | | | | | | | |
| 320 | Ot | | | | | | | | | | | | | | | | |
| | B | | | | | | | | | | | | | | | | |
| | BV | | | | | | | | | | | | | | | | |
| 330 | Ot | | | | | | | | | | | | | | | | |
| | B | | | | | | | | | | | | | | | | |
| | BV | | | | | | | | | | | | | | | | |
| 340 | Ot | | | | | | | | | | | | | | | | |
| | B | | | | | | | | | | | | | | | | |
| | BV | | | | | | | | | | | | | | | | |
| 350 | Ot | | | | | | | | | | | | | | | | |
| | B | | | | | | | | | | | | | | | | |
| | BV | | | | | | | | | | | | | | | | |

Lifting heights

Hauteurs de levage

HSDB/HSDBV



US3281.01

H2DB/H2DBV/H2DBW

H2 108 – 226 ft



| | | H2 108 – 226 ft | | | | | | |
|-----|----|-----------------|--------|--------|--------|--------|--------|--------|
| ft | | 108 ft | 128 ft | 148 ft | 167 ft | 187 ft | 207 ft | 226 ft |
| 22 | B | 1763 | | | | | | |
| | BV | 1763 | | | | | | |
| | BW | 1763 | | | | | | |
| 24 | B | 1763 | 1763 | | | | | |
| | BV | 1763 | 1763 | | | | | |
| | BW | 1763 | 1763 | | | | | |
| 26 | B | 1763 | 1763 | 1763 | | | | |
| | BV | 1763 | 1763 | 1763 | | | | |
| | BW | 1763 | 1763 | 1763 | | | | |
| 28 | B | 1763 | 1763 | 1763 | 1763 | | | |
| | BV | 1763 | 1763 | 1763 | 1763 | | | |
| | BW | 1763 | 1763 | 1763 | 1763 | | | |
| 30 | B | 1763 | 1763 | 1763 | 1763 | 1715 | | |
| | BV | 1763 | 1763 | 1763 | 1763 | 1763 | | |
| | BW | 1763 | 1763 | 1763 | 1763 | 1763 | | |
| 32 | B | 1763 | 1763 | 1763 | 1756 | 1668 | 1610 | |
| | BV | 1763 | 1763 | 1763 | 1763 | 1762 | | |
| | BW | 1763 | 1763 | 1763 | 1763 | 1763 | 1652 | |
| 34 | B | 1758 | 1758 | 1761 | 1712 | 1620 | 1577 | 1440 |
| | BV | 1759 | 1763 | 1763 | 1763 | 1736 | | |
| | BW | 1753 | 1763 | 1763 | 1763 | 1743 | 1621 | 1486 |
| 36 | B | 1724 | 1719 | 1704 | 1658 | 1573 | 1540 | 1433 |
| | BV | 1742 | 1753 | 1763 | 1759 | 1695 | 1577 | |
| | BW | 1721 | 1759 | 1763 | 1763 | 1702 | 1586 | 1479 |
| 38 | B | 1653 | 1639 | 1623 | 1596 | 1526 | 1503 | 1415 |
| | BV | 1708 | 1722 | 1747 | 1741 | 1654 | 1544 | 1452 |
| | BW | 1699 | 1745 | 1758 | 1752 | 1660 | 1552 | 1459 |
| 40 | B | 1575 | 1561 | 1547 | 1526 | 1484 | 1467 | 1389 |
| | BV | 1658 | 1703 | 1721 | 1702 | 1613 | 1510 | 1425 |
| | BW | 1680 | 1720 | 1728 | 1708 | 1618 | 1518 | 1433 |
| 45 | B | 1405 | 1393 | 1382 | 1366 | 1348 | 1378 | 1317 |
| | BV | 1600 | 1610 | 1630 | 1589 | 1513 | 1425 | 1359 |
| | BW | 1609 | 1651 | 1650 | 1593 | 1519 | 1432 | 1366 |
| 50 | B | 1267 | 1254 | 1247 | 1234 | 1219 | 1294 | 1245 |
| | BV | 1536 | 1548 | 1533 | 1485 | 1419 | 1344 | 1291 |
| | BW | 1562 | 1551 | 1535 | 1488 | 1424 | 1350 | 1297 |
| 55 | B | 1150 | 1144 | 1135 | 1123 | 1110 | 1214 | 1177 |
| | BV | 1468 | 1441 | 1422 | 1387 | 1332 | 1268 | 1225 |
| | BW | 1468 | 1443 | 1424 | 1390 | 1335 | 1273 | 1231 |
| 60 | B | 1053 | 1046 | 1041 | 1030 | 1018 | 1132 | 1111 |
| | BV | 1328 | 1339 | 1326 | 1297 | 1253 | 1197 | 1162 |
| | BW | 1327 | 1341 | 1328 | 1299 | 1255 | 1200 | 1167 |
| 65 | B | 969 | 963 | 958 | 950 | 940 | 1047 | 1035 |
| | BV | 1197 | 1241 | 1234 | 1212 | 1176 | 1129 | 1100 |
| | BW | 1197 | 1245 | 1237 | 1214 | 1178 | 1133 | 1105 |
| 70 | B | 899 | 892 | 885 | 880 | 870 | 975 | 964 |
| | BV | 1085 | 1152 | 1143 | 1134 | 1105 | 1065 | 1044 |
| | BW | 1085 | 1154 | 1146 | 1136 | 1107 | 1068 | 1048 |
| 75 | B | 837 | 829 | 824 | 818 | 810 | 906 | 900 |
| | BV | 987 | 1071 | 1066 | 1059 | 1042 | 1004 | 990 |
| | BW | 987 | 1073 | 1069 | 1061 | 1045 | 1006 | 993 |
| 80 | B | 782 | 775 | 770 | 763 | 756 | 850 | 840 |
| | BV | 899 | 995 | 998 | 990 | 981 | 953 | 936 |
| | BW | 899 | 995 | 1000 | 992 | 984 | 955 | 938 |
| 85 | B | 732 | 728 | 721 | 715 | 707 | 798 | 791 |
| | BV | 819 | 920 | 937 | 931 | 921 | 903 | 890 |
| | BW | 819 | 919 | 939 | 933 | 923 | 905 | 892 |
| 90 | B | 690 | 684 | 679 | 672 | 665 | 749 | 745 |
| | BV | 748 | 848 | 883 | 876 | 868 | 854 | 846 |
| | BW | 747 | 847 | 885 | 878 | 870 | 856 | 848 |
| 95 | B | 649 | 645 | 641 | 632 | 627 | 705 | 702 |
| | BV | 678 | 784 | 831 | 826 | 820 | 807 | 802 |
| | BW | 679 | 783 | 832 | 828 | 822 | 809 | 804 |
| 100 | B | | 610 | 605 | 598 | 591 | 668 | 663 |
| | BV | | 724 | 780 | 783 | 775 | 765 | 760 |
| | BW | | 724 | 780 | 785 | 777 | 767 | 761 |
| 105 | B | | 578 | 574 | 568 | 560 | 633 | 628 |
| | BV | | 669 | 731 | 744 | 735 | 726 | 720 |
| | BW | | 669 | 731 | 745 | 737 | 728 | 722 |
| 110 | B | | 549 | 545 | 539 | 531 | 601 | 597 |
| | BV | | 617 | 683 | 706 | 700 | 690 | 685 |
| | BW | | 617 | 683 | 707 | 701 | 691 | 687 |

H2DB/H2DBV/H2DBW

H2 108 – 226 ft

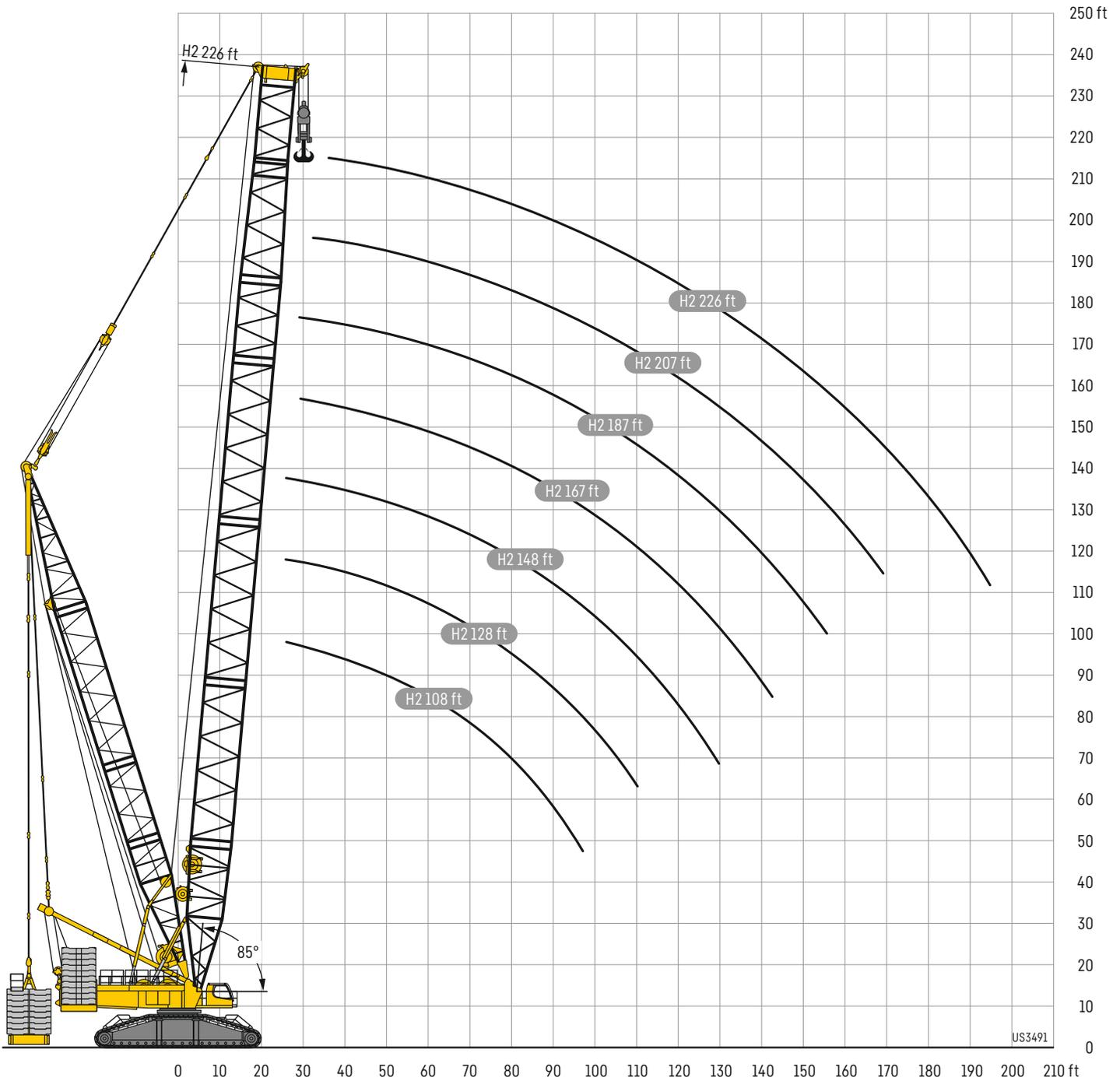


| ft | H2 108 – 226 ft | | | | | | |
|-----|-----------------|--------|--------|--------|--------|--------|--------|
| | 108 ft | 128 ft | 148 ft | 167 ft | 187 ft | 207 ft | 226 ft |
| 115 | B | 523 | 519 | 512 | 506 | 571 | 567 |
| | BV | 566 | 639 | 669 | 667 | 656 | 652 |
| | BW | 566 | 639 | 669 | 669 | 657 | 654 |
| 120 | B | | 495 | 488 | 482 | 544 | 540 |
| | BV | | 598 | 632 | 638 | 626 | 622 |
| | BW | | 597 | 632 | 639 | 627 | 623 |
| 125 | B | | 472 | 465 | 459 | 519 | 515 |
| | BV | | 557 | 595 | 608 | 597 | 593 |
| | BW | | 557 | 596 | 609 | 599 | 595 |
| 130 | B | | 452 | 445 | 439 | 497 | 492 |
| | BV | | 517 | 562 | 579 | 571 | 566 |
| | BW | | 517 | 563 | 580 | 572 | 568 |
| 135 | B | | | 426 | 420 | 474 | 471 |
| | BV | | | 530 | 550 | 544 | 541 |
| | BW | | | 530 | 550 | 546 | 543 |
| 140 | B | | | 409 | 402 | 453 | 451 |
| | BV | | | 498 | 522 | 520 | 518 |
| | BW | | | 498 | 522 | 522 | 520 |
| 145 | B | | | 392 | 386 | 434 | 431 |
| | BV | | | 468 | 497 | 499 | 496 |
| | BW | | | 467 | 497 | 500 | 498 |
| 150 | B | | | | 371 | 415 | 412 |
| | BV | | | | 472 | 478 | 475 |
| | BW | | | | 471 | 479 | 476 |
| 155 | B | | | | 356 | 398 | 395 |
| | BV | | | | 447 | 459 | 456 |
| | BW | | | | 446 | 460 | 457 |
| 160 | B | | | | 343 | 383 | 379 |
| | BV | | | | 422 | 441 | 438 |
| | BW | | | | 421 | 442 | 440 |
| 165 | B | | | | 331 | 368 | 364 |
| | BV | | | | 398 | 424 | 421 |
| | BW | | | | 397 | 425 | 422 |
| 170 | B | | | | | 354 | 350 |
| | BV | | | | | 409 | 405 |
| | BW | | | | | 410 | 406 |
| 175 | B | | | | | 341 | 337 |
| | BV | | | | | 394 | 391 |
| | BW | | | | | 395 | 392 |
| 180 | B | | | | | 329 | 325 |
| | BV | | | | | 380 | 376 |
| | BW | | | | | 381 | 378 |
| 185 | B | | | | | | 313 |
| | BV | | | | | | 363 |
| | BW | | | | | | 365 |
| 190 | B | | | | | | 302 |
| | BV | | | | | | 351 |
| | BW | | | | | | 352 |
| 195 | B | | | | | | 292 |
| | BV | | | | | | 340 |
| | BW | | | | | | 341 |
| 200 | B | | | | | | 282 |
| | BV | | | | | | 329 |
| | BW | | | | | | 330 |

Lifting heights

Hauteurs de levage

H2DB/H2DBV/H2DBW





| ft | S 118 ft | | | | | | | | | | | | | | | | | | | | ft | |
|-----|----------|---------------------|----------|---------------------|---------------------|--------|---------------------|--------|---------------------|--------------------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|--------|-----------|
| | W1 59 ft | | W1 79 ft | | W1 98 ft | | W1 118 ft | | W1 158 ft | | W1 197 ft | | W1 236 ft | | W1 276 ft | | W1 295 ft | | W1 315 ft | | | W1 335 ft |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 34 | 961.0 | 961.0 | | | | | | | | | | | | | | | | | | | | |
| 36 | 903.0 | 904.0 ¹⁾ | | | | | | | | | | | | | | | | | | | | |
| 38 | 852.0 | 852.0 | 814.0 | 814.0 | | | | | | | | | | | | | | | | | | |
| 40 | 806.0 | 806.0 | 771.0 | 772.0 ¹⁾ | | | | | | | | | | | | | | | | | | |
| 45 | 710.0 | 710.0 | 681.0 | 681.0 | 658.0 | 658.0 | | | | | | | | | | | | | | | | |
| 50 | 634.0 | 634.0 | 609.0 | 609.0 | 589.0 | 589.0 | 570.0 | 570.0 | | | | | | | | | | | | | | |
| 55 | 571.0 | 571.0 | 551.0 | 551.0 | 534.0 | 534.0 | 517.0 | 517.0 | | | | | | | | | | | | | | |
| 60 | 517.0 | 517.0 | 502.0 | 502.0 | 487.0 | 487.0 | 473.0 | 473.0 | 444.0 | 444.0 | | | | | | | | | | | | |
| 65 | 471.0 | 471.0 | 461.0 | 461.0 | 448.0 | 448.0 | 435.0 | 435.0 | 409.0 | 409.0 | | | | | | | | | | | | |
| 70 | 432.0 | 432.0 | 426.0 | 426.0 | 414.0 | 414.0 | 402.0 | 402.0 | 378.0 | 378.0 | 360.0 | 360.0 | | | | | | | | | | |
| 75 | 393.0* | 393.0 | 396.0 | 396.0 | 384.0 | 384.0 | 373.0 | 373.0 | 352.0 | 352.0 | 335.0 | 335.0 | | | | | | | | | | |
| 80 | | 360.0 ¹⁾ | 370.0 | 370.0 | 359.0 | 359.0 | 348.0 | 348.0 | 329.0 | 329.0 | 313.0 | 313.0 | | | | | | | | | | |
| 85 | | 328.0 ¹⁾ | 344.0 | 344.0 | 336.0 | 336.0 | 326.0 | 326.0 | 308.0 | 308.0 | 293.0 | 293.0 | 276.0 | 276.0 | | | | | | | | |
| 90 | | 301.0 ¹⁾ | 320.0 | 320.0 | 316.0 | 316.0 | 307.0 | 307.0 | 289.0 | 289.0 | 276.0 | 276.0 | 259.0 | 259.0 | | | | | | | | |
| 95 | | 275.0 ¹⁾ | 295.0* | 295.0 | 298.0 | 298.0 | 289.0 | 289.0 | 272.0 | 272.0 | 260.0 | 260.0 | 244.0 | 244.0 | 232.0 | 232.0 | | | | | | |
| 100 | | 251.0 ¹⁾ | | 270.0 ¹⁾ | 281.0 | 281.0 | 273.0 | 273.0 | 257.0 | 257.0 | 245.0 | 245.0 | 231.0 | 231.0 | 219.0 | 219.0 | 212.0 | 212.0 | | | | |
| 105 | | 230.0 ¹⁾ | | 247.0 ¹⁾ | 263.0 | 263.0 | 259.0 | 259.0 | 244.0 | 244.0 | 232.0 | 232.0 | 218.0 | 218.0 | 207.0 | 207.0 | 200.0 | 200.0 | 191.0 | 191.0 | 174.0 | 174.0 |
| 110 | | 211.0 ¹⁾ | | 228.0 ¹⁾ | 247.0 | 247.0 | 246.0 | 246.0 | 231.0 | 231.0 | 220.0 | 220.0 | 207.0 | 207.0 | 196.0 | 196.0 | 189.0 | 189.0 | 181.0 | 181.0 | 148.0 | 148.0 |
| 115 | | 193.0 ¹⁾ | | 210.0 ¹⁾ | 229.0* | 229.0 | 232.0 | 232.0 | 220.0 | 220.0 | 209.0 | 209.0 | 196.0 | 196.0 | 186.0 | 186.0 | 180.0 | 180.0 | 171.0 | 171.0 | 165.0 | 165.0 |
| 120 | | 178.0 ¹⁾ | | 194.0 ¹⁾ | 209.0 ¹⁾ | 219.0 | 219.0 | 209.0 | 209.0 | 199.0 | 199.0 | 186.0 | 186.0 | 177.0 | 177.0 | 170.0 | 170.0 | 162.0 | 162.0 | 156.0 | 156.0 | |
| 125 | | 163.0 ¹⁾ | | 179.0 ¹⁾ | 194.0 ¹⁾ | 207.0 | 207.0 | 200.0 | 200.0 | 190.0 | 190.0 | 177.0 | 177.0 | 168.0 | 168.0 | 162.0 | 162.0 | 154.0 | 154.0 | 148.0 | 148.0 | |
| 130 | | 150.0 ¹⁾ | | 165.0 ¹⁾ | 180.0 ¹⁾ | 197.0 | 197.0 | 191.0 | 191.0 | 181.0 | 181.0 | 169.0 | 169.0 | 160.0 | 160.0 | 154.0 | 154.0 | 146.0 | 146.0 | 141.0 | 141.0 | |
| 135 | | 138.0 ¹⁾ | | 152.0 ¹⁾ | 167.0 ¹⁾ | 183.0* | 183.0 | 182.0 | 182.0 | 173.0 | 173.0 | 161.0 | 161.0 | 153.0 | 153.0 | 147.0 | 147.0 | 139.0 | 139.0 | 134.0 | 134.0 | |
| 140 | | 127.0 ¹⁾ | | 141.0 ¹⁾ | 155.0 ¹⁾ | | 167.0 ¹⁾ | 174.0 | 174.0 | 166.0 | 166.0 | 154.0 | 154.0 | 145.0 | 145.0 | 140.0 | 140.0 | 132.0 | 132.0 | 127.0 | 127.0 | |
| 145 | | 117.0 ¹⁾ | | 130.0 ¹⁾ | 144.0 ¹⁾ | | 156.0 ¹⁾ | 166.0 | 166.0 | 159.0 | 159.0 | 147.0 | 147.0 | 139.0 | 139.0 | 133.0 | 133.0 | 125.0 | 125.0 | 121.0 | 121.0 | |
| 150 | | 108.0 ¹⁾ | | 120.0 ¹⁾ | 133.0 ¹⁾ | | 145.0 ¹⁾ | 158.0 | 158.0 | 152.0 | 152.0 | 141.0 | 141.0 | 133.0 | 133.0 | 127.0 | 127.0 | 120.0 | 120.0 | 115.0 | 115.0 | |
| 155 | | | | 110.0 ¹⁾ | 123.0 ¹⁾ | | 135.0 ¹⁾ | 151.0 | 151.0 | 146.0 | 146.0 | 135.0 | 135.0 | 127.0 | 127.0 | 121.0 | 121.0 | 114.0 | 114.0 | 109.0 | 109.0 | |
| 160 | | | | 102.0 ¹⁾ | 114.0 ¹⁾ | | 126.0 ¹⁾ | 144.0 | 144.0 | 140.0 | 140.0 | 129.0 | 129.0 | 121.0 | 121.0 | 116.0 | 116.0 | 109.0 | 109.0 | 104.0 | 104.0 | |
| 165 | | | | 93.5 ¹⁾ | 105.0 ¹⁾ | | 117.0 ¹⁾ | 138.0 | 138.0 | 134.0 | 134.0 | 124.0 | 124.0 | 116.0 | 116.0 | 111.0 | 111.0 | 103.0 | 103.0 | 98.9 | 98.9 | |
| 170 | | | | 86.0 ¹⁾ | 97.2 ¹⁾ | | 109.0 ¹⁾ | 132.0 | 132.0 | 128.0 | 128.0 | 119.0 | 119.0 | 111.0 | 111.0 | 106.0 | 106.0 | 98.8 | 98.8 | 94.4 | 94.4 | |
| 175 | | | | | 89.3 ¹⁾ | | 101.0 ¹⁾ | 123.0* | 123.0 | 122.0 | 122.0 | 114.0 | 114.0 | 107.0 | 107.0 | 101.0 | 101.0 | 94.2 | 94.2 | 89.8 | 89.8 | |
| 180 | | | | | 82.4 ¹⁾ | | 93.0 ¹⁾ | | 110.0 ¹⁾ | 117.0 | 117.0 | 110.0 | 110.0 | 102.0 | 102.0 | 97.2 | 97.2 | 90.1 | 90.1 | 85.7 | 85.7 | |
| 185 | | | | | 75.6 ¹⁾ | | 85.7 ¹⁾ | | 104.0 ¹⁾ | 112.0 | 112.0 | 105.0 | 105.0 | 98.2 | 98.2 | 93.1 | 93.1 | 85.9 | 85.9 | 81.6 | 81.6 | |
| 190 | | | | | 69.4 ¹⁾ | | 78.8 ¹⁾ | | 96.9 ¹⁾ | 107.0 | 107.0 | 101.0 | 101.0 | 94.2 | 94.2 | 89.2 | 89.2 | 82.2 | 82.2 | 77.9 | 77.9 | |
| 195 | | | | | | | 72.0 ¹⁾ | | 90.3 ¹⁾ | 103.0 | 103.0 | 96.7 | 96.7 | 90.4 | 90.4 | 85.6 | 85.6 | 78.5 | 78.5 | 74.2 | 74.2 | |
| 200 | | | | | | | 66.6 ¹⁾ | | 83.7 ¹⁾ | 98.8 | 98.8 | 92.9 | 92.9 | 86.9 | 86.9 | 82.0 | 82.0 | 75.0 | 75.0 | 70.9 | 70.9 | |
| 205 | | | | | | | 60.9 ¹⁾ | | 77.1 ¹⁾ | 95.3 | 95.3 | 88.5 | 88.5 | 83.4 | 83.4 | 78.7 | 78.7 | 71.7 | 71.7 | 67.5 | 67.5 | |
| 210 | | | | | | | 55.6 ¹⁾ | | 71.5 ¹⁾ | 92.1 | 92.1 | 84.0 | 84.0 | 79.9 | 79.9 | 75.5 | 75.5 | 68.5 | 68.5 | 64.5 | 64.5 | |
| 215 | | | | | | | | | 66.0 ¹⁾ | 80.4 | 80.4 | 76.2 | 76.2 | 72.4 | 72.4 | 68.5 | 68.5 | 61.4 | 61.4 | 57.2 | 57.2 | |
| 220 | | | | | | | | | 60.9 ¹⁾ | 73.9 ¹⁾ | 73.9 | 70.7 | 70.7 | 66.6 | 66.6 | 63.7 | 63.7 | 56.6 | 56.6 | 52.4 | 52.4 | |
| 225 | | | | | | | | | 55.9 ¹⁾ | 69.2 ¹⁾ | 69.2 | 65.0 | 65.0 | 61.8 | 61.8 | 58.7 | 58.7 | 51.6 | 51.6 | 47.4 | 47.4 | |
| 230 | | | | | | | | | 51.3 ¹⁾ | 64.4 ¹⁾ | 64.4 | 60.2 | 60.2 | 57.0 | 57.0 | 53.9 | 53.9 | 46.8 | 46.8 | 42.6 | 42.6 | |
| 235 | | | | | | | | | 46.1 ¹⁾ | 60.3 ¹⁾ | 60.3 | 56.1 | 56.1 | 52.9 | 52.9 | 49.7 | 49.7 | 42.6 | 42.6 | 38.4 | 38.4 | |
| 240 | | | | | | | | | 41.3 ¹⁾ | 56.3 ¹⁾ | 56.3 | 52.1 | 52.1 | 48.9 | 48.9 | 45.7 | 45.7 | 38.4 | 38.4 | 34.2 | 34.2 | |
| 245 | | | | | | | | | 37.0 ¹⁾ | 52.4 ¹⁾ | 52.4 | 48.2 | 48.2 | 44.9 | 44.9 | 41.7 | 41.7 | 34.2 | 34.2 | 30.0 | 30.0 | |
| 250 | | | | | | | | | | 48.3 ¹⁾ | 58.9* | 54.7 | 54.7 | 51.4 | 51.4 | 48.1 | 48.1 | 40.9 | 40.9 | 36.7 | 36.7 | |
| 255 | | | | | | | | | | 43.6 ¹⁾ | | 39.4 | 39.4 | 36.1 | 36.1 | 32.8 | 32.8 | 25.6 | 25.6 | 21.4 | 21.4 | |
| 260 | | | | | | | | | | 39.1 ¹⁾ | | 35.8 | 35.8 | 32.5 | 32.5 | 29.2 | 29.2 | 22.0 | 22.0 | 17.8 | 17.8 | |
| 265 | | | | | | | | | | 34.4 ¹⁾ | | 31.1 | 31.1 | 27.8 | 27.8 | 24.5 | 24.5 | 17.3 | 17.3 | 13.1 | 13.1 | |
| 270 | | | | | | | | | | 31.2 ¹⁾ | | 27.9 | 27.9 | 24.6 | 24.6 | 21.3 | 21.3 | 14.0 | 14.0 | 10.7 | 10.7 | |
| 275 | | | | | | | | | | 27.5 ¹⁾ | | 24.2 | 24.2 | 20.9 | 20.9 | 17.6 | 17.6 | 11.9 | 11.9 | 8.6 | 8.6 | |
| 280 | | | | | | | | | | 24.0 ¹⁾ | | 21.1 | 21.1 | 17.8 | 17.8 | 14.5 | 14.5 | 11.2 | 11.2 | 8.0 | 8.0 | |
| 285 | | | | | | | | | | 20.3 ¹⁾ | | 17.9 | 17.9 | 14.6 | 14.6 | 11.4 | 11.4 | 8.4 | 8.4 | 5.2 | 5.2 | |
| 290 | | | | | | | | | | | | 14.9 | 14.9 | 11.8 | 11.8 | 8.7 | 8.7 | 6.0 | 6.0 | 3.9 | 3.9 | |
| 295 | | | | | | | | | | | | 12.4 | 12.4 | 9.3 | 9.3 | 6.2 | 6.2 | 4.2 | 4.2 | 2.7 | 2.7 | |
| 300 | | | | | | | | | | | | 10.1 | 10.1 | 7.1 | 7.1 | 4.5 | 4.5 | 3.0 | 3.0 | 1.9 | 1.9 | |
| 305 | | | | | | | | | | | | 8.0 | 8.0 | 5.3 | 5.3 | 3.4 | 3.4 | 2.3 | 2.3 | 1.5 | 1.5 | |
| 310 | | | | | | | | | | | | 6.3 | 6.3 | 4.1 | 4.1 | 2.8 | 2.8 | 1.8 | 1.8 | 1.2 | 1.2 | |
| 315 | | | | | | | | | | | | 5.0 | 5.0 | 3.2 | 3.2 | 2.2 | 2.2 | 1.4 | 1.4 | 0.9 | 0.9 | |
| 320 | | | | | | | | | | | | 4.1 | 4.1 | 2.7 | 2.7 | 1.8 | 1.8 | 1.2 | 1.2 | 0.8 | 0.8 | |
| 325 | | | | | | | | | | | | 3.5 | 3.5 | 2.3 | 2.3 | 1.6 | 1.6 | 1.0 | 1.0 | 0.7 | 0.7 | |
| 330 | | | | | | | | | | | | 3.0 | 3.0 | 1.9 | 1.9 | 1.3 | 1.3 | 0.8 | 0.8 | 0.6 | 0.6 | |
| 335 | | | | | | | | | | | | 2.6 | 2.6 | 1.6 | 1.6 | 1.1 | 1.1 | 0.7 | 0.7 | 0.5 | 0.5 | |
| 340 | | | | | | | | | | | | 2.2 | 2.2 | 1.4 | 1.4 | 0.9 | 0.9 | 0.6 | 0.6 | 0.4 | 0.4 | |
| 345 | | | | | | | | | | | | 1.9 | 1.9 | 1.2 | 1.2 | 0.8 | 0.8 | 0.5 | 0.5 | 0.3 | 0.3 | |
| 350 | | | | | | | | | | | | 1.6 | 1.6 | 1.0 | 1.0 | 0.7 | 0.7 | 0.4 | 0.4 | 0.3 | 0.3 | |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



| ft | S 158 ft | | | | | | | | | | | | | | | | | | | | | | ft |
|-----|----------|-----------------------|----------|-----------------------|-----------------------|-----------------------|-----------|-------|-----------------------|-------|-----------|----------------------|----------------------|----------------------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----|
| | W1 59 ft | | W1 79 ft | | W1 98 ft | | W1 118 ft | | W1 158 ft | | W1 197 ft | | W1 236 ft | | W1 276 ft | | W1 295 ft | | W1 315 ft | | W1 335 ft | | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 36 | 818.0 | 818.0 | | | | | | | | | | | | | | | | | | | | | 36 |
| 38 | 775.0 | 775.0 | | | | | | | | | | | | | | | | | | | | | 38 |
| 40 | 735.0 | 735.0 | | | | | | | | | | | | | | | | | | | | | 40 |
| 45 | 652.0 | 652.0 | 628.0 | 628.0 | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 586.0 | 586.0 | 565.0 | 565.0 | 548.0 | 548.0 | | | | | | | | | | | | | | | | | 50 |
| 55 | 531.0 | 531.0 | 512.0 | 512.0 | 498.0 | 498.0 | 483.0 | 483.0 | | | | | | | | | | | | | | | 55 |
| 60 | 485.0 | 485.0 | 469.0 | 469.0 | 456.0 | 456.0 | 443.0 | 443.0 | | | | | | | | | | | | | | | 60 |
| 65 | 447.0 | 447.0 | 432.0 | 432.0 | 420.0 | 420.0 | 408.0 | 408.0 | 385.0 | 385.0 | | | | | | | | | | | | | 65 |
| 70 | 415.0 | 415.0 | 400.0 | 400.0 | 389.0 | 389.0 | 379.0 | 379.0 | 357.0 | 357.0 | | | | | | | | | | | | | 70 |
| 75 | 374.0* | 380.0 ⁽¹¹⁾ | 372.0 | 372.0 | 362.0 | 362.0 | 352.0 | 352.0 | 333.0 | 333.0 | 315.0 | 315.0 | | | | | | | | | | | 75 |
| 80 | 352.0* | 352.0 | 348.0 | 348.0 | 338.0 | 338.0 | 329.0 | 329.0 | 311.0 | 311.0 | 294.0 | 294.0 | | | | | | | | | | | 80 |
| 85 | | 320.0 ⁽¹¹⁾ | 325.0 | 325.0 | 317.0 | 317.0 | 309.0 | 309.0 | 292.0 | 292.0 | 276.0 | 276.0 | 259.0 | 259.0 | | | | | | | | | 85 |
| 90 | | 292.0 ⁽¹¹⁾ | 305.0 | 305.0 | 299.0 | 299.0 | 291.0 | 291.0 | 274.0 | 274.0 | 260.0 | 260.0 | 244.0 | 244.0 | | | | | | | | | 90 |
| 95 | | 268.0 ⁽¹¹⁾ | 282.0* | 283.0 ⁽¹¹⁾ | 281.0 | 281.0 | 274.0 | 274.0 | 259.0 | 259.0 | 245.0 | 245.0 | 230.0 | 230.0 | 217.0 | 217.0 | | | | | | | 95 |
| 100 | | 247.0 ⁽¹¹⁾ | | 263.0 ⁽¹¹⁾ | 265.0 | 265.0 | 260.0 | 260.0 | 245.0 | 245.0 | 232.0 | 232.0 | 217.0 | 217.0 | 206.0 | 206.0 | 195.0 | 195.0 | | | | | 100 |
| 105 | | 226.0 ⁽¹¹⁾ | | 244.0 ⁽¹¹⁾ | 251.0 | 251.0 | 245.0 | 245.0 | 232.0 | 232.0 | 219.0 | 219.0 | 206.0 | 206.0 | 195.0 | 195.0 | 188.0 | 188.0 | 178.0 | 178.0 | | | 105 |
| 110 | | 208.0 ⁽¹¹⁾ | | 224.0 ⁽¹¹⁾ | 237.0 | 237.0 | 232.0 | 232.0 | 220.0 | 220.0 | 208.0 | 208.0 | 195.0 | 195.0 | 185.0 | 185.0 | 178.0 | 178.0 | 169.0 | 169.0 | 157.0 | 157.0 | 110 |
| 115 | | 191.0 ⁽¹¹⁾ | | 208.0 ⁽¹¹⁾ | 223.0* | 223.0 | 220.0 | 220.0 | 209.0 | 209.0 | 198.0 | 198.0 | 185.0 | 185.0 | 175.0 | 175.0 | 169.0 | 169.0 | 160.0 | 160.0 | 153.0 | 153.0 | 115 |
| 120 | | 175.0 ⁽¹¹⁾ | | 192.0 ⁽¹¹⁾ | 207.0 ⁽¹¹⁾ | 210.0 | 210.0 | 200.0 | 200.0 | 188.0 | 188.0 | 176.0 | 176.0 | 167.0 | 167.0 | 160.0 | 160.0 | 152.0 | 152.0 | 146.0 | 146.0 | 120 | |
| 125 | | 161.0 ⁽¹⁰⁾ | | 176.0 ⁽¹¹⁾ | 192.0 ⁽¹¹⁾ | 200.0 | 200.0 | 190.0 | 190.0 | 179.0 | 179.0 | 167.0 | 167.0 | 158.0 | 158.0 | 152.0 | 152.0 | 144.0 | 144.0 | 138.0 | 138.0 | 125 | |
| 130 | | 148.0 ⁽¹⁰⁾ | | 163.0 ⁽¹¹⁾ | 178.0 ⁽¹¹⁾ | 190.0 | 190.0 | 181.0 | 181.0 | 171.0 | 171.0 | 159.0 | 159.0 | 151.0 | 151.0 | 145.0 | 145.0 | 137.0 | 137.0 | 131.0 | 131.0 | 130 | |
| 135 | | 135.0 ⁽¹⁰⁾ | | 150.0 ⁽¹¹⁾ | 165.0 ⁽¹¹⁾ | 180.0* | 180.0 | 172.0 | 172.0 | 164.0 | 164.0 | 152.0 | 152.0 | 144.0 | 144.0 | 138.0 | 138.0 | 130.0 | 130.0 | 124.0 | 124.0 | 135 | |
| 140 | | 125.0 ⁽¹⁰⁾ | | 138.0 ⁽¹¹⁾ | 153.0 ⁽¹¹⁾ | 166.0 ⁽¹¹⁾ | 164.0 | 164.0 | 156.0 | 156.0 | 145.0 | 145.0 | 137.0 | 137.0 | 131.0 | 131.0 | 123.0 | 123.0 | 118.0 | 118.0 | 140 | | |
| 145 | | 114.0 ⁽¹⁰⁾ | | 128.0 ⁽¹¹⁾ | 141.0 ⁽¹¹⁾ | 155.0 ⁽¹¹⁾ | 157.0 | 157.0 | 149.0 | 149.0 | 138.0 | 138.0 | 131.0 | 131.0 | 125.0 | 125.0 | 117.0 | 117.0 | 112.0 | 112.0 | 112.0 | 112.0 | 145 |
| 150 | | 105.0 ⁽⁹⁾ | | 118.0 ⁽¹¹⁾ | 131.0 ⁽¹¹⁾ | 143.0 ⁽¹¹⁾ | 150.0 | 150.0 | 142.0 | 142.0 | 132.0 | 132.0 | 125.0 | 125.0 | 119.0 | 119.0 | 112.0 | 112.0 | 107.0 | 107.0 | 107.0 | 107.0 | 150 |
| 155 | | 95.9 ⁽⁸⁾ | | 108.0 ⁽¹⁰⁾ | 122.0 ⁽¹¹⁾ | 134.0 ⁽¹¹⁾ | 144.0 | 144.0 | 136.0 | 136.0 | 127.0 | 127.0 | 119.0 | 119.0 | 114.0 | 114.0 | 106.0 | 106.0 | 101.0 | 101.0 | 101.0 | 101.0 | 155 |
| 160 | | 87.7 ⁽⁸⁾ | | 99.3 ⁽¹⁰⁾ | 112.0 ⁽¹¹⁾ | 124.0 ⁽¹¹⁾ | 139.0 | 139.0 | 130.0 | 130.0 | 121.0 | 121.0 | 114.0 | 114.0 | 109.0 | 109.0 | 101.0 | 101.0 | 96.5 | 96.5 | 96.5 | 96.5 | 160 |
| 165 | | 80.2 ⁽⁷⁾ | | 90.9 ⁽¹⁰⁾ | 104.0 ⁽¹¹⁾ | 115.0 ⁽¹¹⁾ | 133.0 | 133.0 | 125.0 | 125.0 | 116.0 | 116.0 | 108.0 | 108.0 | 104.0 | 104.0 | 96.4 | 96.4 | 91.8 | 91.8 | 91.8 | 91.8 | 165 |
| 170 | | 72.9 ⁽⁷⁾ | | 83.4 ⁽⁹⁾ | 95.7 ⁽¹¹⁾ | 107.0 ⁽¹¹⁾ | 127.0 | 127.0 | 119.0 | 119.0 | 110.0 | 110.0 | 104.0 | 104.0 | 99.3 | 99.3 | 91.8 | 91.8 | 87.4 | 87.4 | 87.4 | 87.4 | 170 |
| 175 | | 66.4 ⁽⁶⁾ | | 76.2 ⁽⁹⁾ | 87.6 ⁽¹⁰⁾ | 99.3 ⁽¹¹⁾ | 120.0* | 120.0 | 115.0 | 115.0 | 106.0 | 106.0 | 99.3 | 99.3 | 94.9 | 94.9 | 87.6 | 87.6 | 83.2 | 83.2 | 83.2 | 83.2 | 175 |
| 180 | | | | 69.3 ⁽⁸⁾ | 80.3 ⁽¹⁰⁾ | 91.6 ⁽¹¹⁾ | | | 109.0 ⁽¹¹⁾ | 110.0 | 110.0 | 101.0 | 101.0 | 94.8 | 94.8 | 90.8 | 90.8 | 83.4 | 83.4 | 79.2 | 79.2 | 180 | |
| 185 | | | | 63.1 ⁽⁸⁾ | 73.0 ⁽¹⁰⁾ | 84.3 ⁽¹¹⁾ | | | 101.0 ⁽¹¹⁾ | 106.0 | 106.0 | 97.2 | 97.2 | 90.6 | 90.6 | 86.6 | 86.6 | 79.4 | 79.4 | 75.4 | 75.4 | 185 | |
| 190 | | | | 57.0 ⁽⁷⁾ | 66.9 ⁽⁹⁾ | 76.9 ⁽¹¹⁾ | | | 94.4 ⁽¹¹⁾ | 102.0 | 102.0 | 93.1 | 93.1 | 86.6 | 86.6 | 82.5 | 82.5 | 75.7 | 75.7 | 71.8 | 71.8 | 190 | |
| 195 | | | | 51.6 ⁽⁷⁾ | 61.1 ⁽⁹⁾ | 70.1 ⁽¹⁰⁾ | | | 87.8 ⁽¹¹⁾ | 97.9 | 97.9 | 89.0 | 89.0 | 82.6 | 82.6 | 78.6 | 78.6 | 72.3 | 72.3 | 68.3 | 68.3 | 195 | |
| 200 | | | | | 55.4 ⁽⁸⁾ | 64.6 ⁽¹⁰⁾ | | | 81.1 ⁽¹¹⁾ | 94.2 | 94.2 | 85.3 | 85.3 | 78.9 | 78.9 | 75.3 | 75.3 | 68.8 | 68.8 | 65.0 | 65.0 | 200 | |
| 205 | | | | | 50.0 ⁽⁸⁾ | 59.2 ⁽¹⁰⁾ | | | 74.9 ⁽¹¹⁾ | 91.1 | 91.1 | 81.8 | 81.8 | 75.5 | 75.5 | 72.1 | 72.1 | 65.4 | 65.4 | 61.9 | 61.9 | 205 | |
| 210 | | | | | 44.7 ⁽⁷⁾ | 53.7 ⁽⁹⁾ | | | 69.6 ⁽¹¹⁾ | 88.0 | 88.0 | 78.5 | 78.5 | 72.2 | 72.2 | 68.9 | 68.9 | 62.5 | 62.5 | 58.9 | 58.9 | 210 | |
| 215 | | | | | 40.1 ⁽⁷⁾ | 48.5 ⁽⁹⁾ | | | 64.3 ⁽¹¹⁾ | 81.5* | 81.5 | 75.5 | 75.5 | 69.1 | 69.1 | 65.8 | 65.8 | 59.6 | 59.6 | 55.9 | 55.9 | 215 | |
| 220 | | | | | | 43.5 ⁽⁸⁾ | | | 59.3 ⁽¹¹⁾ | | | 71.7 ⁽¹¹⁾ | 72.5 | 72.5 | 66.3 | 66.3 | 62.8 | 62.8 | 56.7 | 56.7 | 53.2 | 53.2 | 220 |
| 225 | | | | | | 39.0 ⁽⁸⁾ | | | 54.8 ⁽¹¹⁾ | | | 66.2 ⁽¹¹⁾ | 69.6 | 69.6 | 63.5 | 63.5 | 59.8 | 59.8 | 54.0 | 54.0 | 50.5 | 50.5 | 225 |
| 230 | | | | | | 34.3 ⁽⁷⁾ | | | 50.3 ⁽¹¹⁾ | | | 62.0 ⁽¹¹⁾ | 67.0 | 67.0 | 60.8 | 60.8 | 57.2 | 57.2 | 51.3 | 51.3 | 48.0 | 48.0 | 230 |
| 235 | | | | | | 30.2 ⁽⁷⁾ | | | 45.0 ⁽¹⁰⁾ | | | 57.9 ⁽¹¹⁾ | 64.6 | 64.6 | 58.2 | 58.2 | 54.8 | 54.8 | 48.8 | 48.8 | 45.5 | 45.5 | 235 |
| 240 | | | | | | | | | 40.3 ⁽¹⁰⁾ | | | 53.7 ⁽¹¹⁾ | 62.3 | 62.3 | 55.8 | 55.8 | 52.5 | 52.5 | 46.3 | 46.3 | 43.3 | 43.3 | 240 |
| 245 | | | | | | | | | 35.2 ⁽⁹⁾ | | | 49.3 ⁽¹¹⁾ | 60.0 | 60.0 | 53.6 | 53.6 | 50.1 | 50.1 | 44.1 | 44.1 | 41.2 | 41.2 | 245 |
| 250 | | | | | | | | | 31.6 ⁽⁹⁾ | | | 44.7 ⁽¹¹⁾ | 57.7 | 57.7 | 51.5 | 51.5 | 47.7 | 47.7 | 42.2 | 42.2 | 39.1 | 39.1 | 250 |
| 255 | | | | | | | | | 28.0 ⁽⁹⁾ | | | 40.2 ⁽¹¹⁾ | 54.4* | 54.4 | 49.4 | 49.4 | 45.6 | 45.6 | 40.3 | 40.3 | 37.1 | 37.1 | 255 |
| 260 | | | | | | | | | 24.0 ⁽⁸⁾ | | | 36.3 ⁽¹¹⁾ | 47.3 | 47.3 | 43.8 | 43.8 | 38.6 | 38.6 | 35.1 | 35.1 | 32.1 | 32.1 | 260 |
| 265 | | | | | | | | | 20.4 ⁽⁸⁾ | | | 33.1 ⁽¹¹⁾ | 45.5 | 45.5 | 42.3 | 42.3 | 37.0 | 37.0 | 33.2 | 33.2 | 30.2 | 30.2 | 265 |
| 270 | | | | | | | | | 16.6 ⁽⁷⁾ | | | 29.9 ⁽¹¹⁾ | 43.7 | 43.7 | 40.8 | 40.8 | 35.3 | 35.3 | 31.4 | 31.4 | 28.7 | 28.7 | 270 |
| 275 | | | | | | | | | 13.3 ⁽⁷⁾ | | | 25.9 ⁽¹⁰⁾ | 42.1 | 42.1 | 39.2 | 39.2 | 33.6 | 33.6 | 29.7 | 29.7 | 27.5 | 27.5 | 275 |
| 280 | | | | | | | | | | | | 22.4 ⁽¹⁰⁾ | 40.8 | 40.8 | 37.9 | 37.9 | 31.9 | 31.9 | 28.0 | 28.0 | 26.0 | 26.0 | 280 |
| 285 | | | | | | | | | | | | 18.4 ⁽⁹⁾ | 39.5 | 39.5 | 36.6 | 36.6 | 30.3 | 30.3 | 26.4 | 26.4 | 24.5 | 24.5 | 285 |
| 290 | | | | | | | | | | | | 15.2 ⁽⁹⁾ | 38.2 | 38.2 | 35.3 | 35.3 | 28.7 | 28.7 | 24.9 | 24.9 | 23.4 | 23.4 | 290 |
| 295 | | | | | | | | | | | | 12.0 ⁽⁹⁾ | 34.4* | 34.4* | 33.9 | 33.9 | 27.3 | 27.3 | 23.4 | 23.4 | 21.9 | 21.9 | 295 |
| 300 | | | | | | | | | | | | | 25.7 ⁽¹¹⁾ | 32.6 | 32.6 | 25.9 | 25.9 | 21.9 | 21.9 | 20.6 | 20.6 | 300 | |
| 305 | | | | | | | | | | | | | 22.6 ⁽¹¹⁾ | 31.3 | 31.3 | 24.5 | 24.5 | 20.6 | 20.6 | 19.3 | 19.3 | 305 | |
| 310 | | | | | | | | | | | | | 19.5 ⁽¹¹⁾ | 30.2 | 30.2 | 23.3 | 23.3 | 19.3 | 19.3 | 18.0 | 18.0 | 310 | |
| 315 | | | | | | | | | | | | | 16.4 ⁽¹¹⁾ | 26.7* | 26.7* | 22.1 | 22.1 | 18.0 | 18.0 | 16.8 | 16.8 | 315 | |
| 320 | | | | | | | | | | | | | 13.4 ⁽¹¹⁾ | 21.1 | 21.1 | 16.8 | 16.8 | 15.7 | 15.7 | 14.6 | 14.6 | 320 | |
| 325 | | | | | | | | | | | | | | 13.0 ⁽¹¹⁾ | 20.1 | 20.1 | 15.7 | 15.7 | 14.6 | 14.6 | | | |



| ft | S 177 ft | | | | | | | | | | | | | | | | | | ft |
|-----|----------|-----------------------|----------|-----------------------|----------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| | W1 59 ft | | W1 79 ft | | W1 98 ft | | W1 118 ft | | W1 158 ft | | W1 197 ft | | W1 236 ft | | W1 276 ft | | W1 295 ft | | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 36 | 781.0 | 781.0 | | | | | | | | | | | | | | | | | 36 |
| 38 | 741.0 | 741.0 | | | | | | | | | | | | | | | | | 38 |
| 40 | 704.0 | 704.0 | | | | | | | | | | | | | | | | | 40 |
| 45 | 627.0 | 627.0 | 604.0 | 604.0 | | | | | | | | | | | | | | | 45 |
| 50 | 564.0 | 564.0 | 545.0 | 545.0 | 526.0 | 526.0 | | | | | | | | | | | | | 50 |
| 55 | 512.0 | 512.0 | 495.0 | 495.0 | 479.0 | 479.0 | 465.0 | 465.0 | | | | | | | | | | | 55 |
| 60 | 469.0 | 469.0 | 454.0 | 454.0 | 440.0 | 440.0 | 427.0 | 427.0 | | | | | | | | | | | 60 |
| 65 | 429.0 | 429.0 | 418.0 | 418.0 | 406.0 | 406.0 | 394.0 | 394.0 | 374.0 | 374.0 | | | | | | | | | 65 |
| 70 | 394.0 | 394.0 | 387.0 | 387.0 | 376.0 | 376.0 | 366.0 | 366.0 | 348.0 | 348.0 | | | | | | | | | 70 |
| 75 | 364.0 | 365.0 ⁽¹¹⁾ | 357.0 | 357.0 | 350.0 | 350.0 | 341.0 | 341.0 | 324.0 | 324.0 | 307.0 | 307.0 | | | | | | | 75 |
| 80 | 339.0* | 339.0 | 332.0 | 332.0 | 327.0 | 327.0 | 319.0 | 319.0 | 304.0 | 304.0 | 288.0 | 288.0 | | | | | | | 80 |
| 85 | | 312.0 ⁽¹¹⁾ | 310.0 | 310.0 | 304.0 | 304.0 | 298.0 | 298.0 | 285.0 | 285.0 | 270.0 | 270.0 | 251.0 | 251.0 | | | | | 85 |
| 90 | | 286.0 ⁽¹¹⁾ | 291.0 | 291.0 | 284.0 | 284.0 | 279.0 | 279.0 | 268.0 | 268.0 | 255.0 | 255.0 | 236.0 | 236.0 | | | | | 90 |
| 95 | | 260.0 ⁽¹¹⁾ | 273.0* | 274.0 ⁽¹¹⁾ | 266.0 | 266.0 | 263.0 | 263.0 | 253.0 | 253.0 | 240.0 | 240.0 | 223.0 | 223.0 | 203.0 | 203.0 | | | 95 |
| 100 | | 240.0 ⁽¹¹⁾ | 260.0* | 260.0 | 251.0 | 251.0 | 247.0 | 247.0 | 239.0 | 239.0 | 227.0 | 227.0 | 210.0 | 210.0 | 196.0 | 196.0 | 182.0 | 182.0 | 100 |
| 105 | | 222.0 ⁽¹¹⁾ | | 238.0 ⁽¹¹⁾ | 237.0* | 237.0 | 232.0 | 233.0 ⁽⁷⁾ | 225.0 | 225.0 | 215.0 | 215.0 | 199.0 | 199.0 | 188.0 | 188.0 | 178.0 | 178.0 | 105 |
| 110 | | 204.0 ⁽¹¹⁾ | | 220.0 ⁽¹¹⁾ | 225.0* | 225.0 | 220.0 | 220.0 | 212.0 | 212.0 | 204.0 | 204.0 | 188.0 | 188.0 | 178.0 | 178.0 | 172.0 | 172.0 | 110 |
| 115 | | 187.0 ⁽¹¹⁾ | | 202.0 ⁽¹¹⁾ | 215.0* | 215.0 | 208.0* | 209.0 ⁽⁸⁾ | 200.0 | 200.0 | 192.0 | 192.0 | 178.0 | 178.0 | 168.0 | 168.0 | 163.0 | 163.0 | 115 |
| 120 | | 173.0 ⁽¹¹⁾ | | 188.0 ⁽¹¹⁾ | 207.0* | 207.0 | 199.0* | 199.0 | 190.0 | 190.0 | 182.0 | 182.0 | 168.0 | 168.0 | 159.0 | 159.0 | 154.0 | 154.0 | 120 |
| 125 | | 159.0 ⁽¹¹⁾ | | 175.0 ⁽¹¹⁾ | | 188.0 ⁽¹¹⁾ | 190.0* | 190.0 | 181.0 | 181.0 | 172.0 | 172.0 | 159.0 | 159.0 | 151.0 | 151.0 | 146.0 | 146.0 | 125 |
| 130 | | 146.0 ⁽¹⁰⁾ | | 161.0 ⁽¹¹⁾ | | 174.0 ⁽¹¹⁾ | 182.0* | 182.0 | 172.0* | 172.0 | 164.0 | 164.0 | 151.0 | 151.0 | 142.0 | 142.0 | 139.0 | 139.0 | 130 |
| 135 | | 135.0 ⁽¹⁰⁾ | | 149.0 ⁽¹¹⁾ | | 162.0 ⁽¹¹⁾ | 175.0* | 175.0 | 164.0* | 164.0 | 156.0 | 156.0 | 143.0 | 143.0 | 135.0 | 135.0 | 131.0 | 131.0 | 135 |
| 140 | | 123.0 ⁽¹⁰⁾ | | 138.0 ⁽¹¹⁾ | | 151.0 ⁽¹¹⁾ | 169.0* | 169.0 | 157.0* | 157.0 | 149.0 | 149.0 | 136.0 | 136.0 | 128.0 | 128.0 | 124.0 | 124.0 | 140 |
| 145 | | 113.0 ⁽¹⁰⁾ | | 126.0 ⁽¹¹⁾ | | 140.0 ⁽¹¹⁾ | | 152.0 ⁽¹¹⁾ | 151.0* | 151.0 | 142.0 | 142.0 | 129.0 | 129.0 | 122.0 | 122.0 | 118.0 | 118.0 | 145 |
| 150 | | 103.0 ⁽⁹⁾ | | 116.0 ⁽¹¹⁾ | | 129.0 ⁽¹¹⁾ | | 141.0 ⁽¹¹⁾ | 145.0* | 145.0 | 135.0* | 136.0 ⁽⁶⁾ | 123.0 | 123.0 | 116.0 | 116.0 | 112.0 | 112.0 | 150 |
| 155 | | 94.2 ⁽⁹⁾ | | 107.0 ⁽¹¹⁾ | | 120.0 ⁽¹¹⁾ | | 131.0 ⁽¹¹⁾ | 139.0* | 139.0 | 130.0* | 130.0 | 117.0 | 117.0 | 111.0 | 111.0 | 107.0 | 107.0 | 155 |
| 160 | | 86.1 ⁽⁹⁾ | | 97.9 ⁽¹¹⁾ | | 111.0 ⁽¹¹⁾ | | 122.0 ⁽¹¹⁾ | 134.0* | 134.0 | 125.0* | 125.0 | 112.0 | 112.0 | 106.0 | 106.0 | 101.0 | 101.0 | 160 |
| 165 | | 78.3 ⁽⁸⁾ | | 89.5 ⁽¹⁰⁾ | | 102.0 ⁽¹¹⁾ | | 113.0 ⁽¹¹⁾ | 129.0* | 129.0 | 120.0* | 120.0 | 107.0 | 107.0 | 100.0 | 101.0 ⁽⁴⁾ | 96.8 | 96.8 | 165 |
| 170 | | 70.8 ⁽⁷⁾ | | 81.9 ⁽¹⁰⁾ | | 93.5 ⁽¹¹⁾ | | 104.0 ⁽¹¹⁾ | 125.0* | 125.0 | 115.0* | 115.0 | 103.0 | 103.0 | 95.7 | 95.7 | 92.3 | 92.3 | 170 |
| 175 | | 64.3 ⁽⁷⁾ | | 74.2 ⁽¹⁰⁾ | | 85.7 ⁽¹¹⁾ | | 96.7 ⁽¹¹⁾ | 120.0* | 120.0 | 111.0* | 111.0 | 98.2 | 98.2 | 91.4 | 91.4 | 87.8 | 87.8 | 175 |
| 180 | | 57.8 ⁽⁷⁾ | | 67.7 ⁽⁹⁾ | | 77.8 ⁽¹¹⁾ | | 89.1 ⁽¹¹⁾ | 114.0* | 114.0 | 107.0* | 107.0 | 93.9 | 93.9 | 87.1 | 87.1 | 83.6 | 83.6 | 180 |
| 185 | | 52.0 ⁽⁶⁾ | | 61.4 ⁽⁹⁾ | | 71.1 ⁽¹⁰⁾ | | 81.5 ⁽¹¹⁾ | | 102.0 ⁽¹¹⁾ | 103.0* | 103.0 | 90.0* | 90.0 | 83.2* | 83.4 ⁽⁵⁾ | 79.7 | 79.7 | 185 |
| 190 | | 46.6 ⁽⁶⁾ | | 55.2 ⁽⁸⁾ | | 65.1 ⁽¹⁰⁾ | | 75.0 ⁽¹¹⁾ | | 94.5 ⁽¹¹⁾ | 99.3* | 99.3 | 86.4* | 86.4 | 79.6* | 79.8 ⁽⁵⁾ | 75.9 | 75.9 | 190 |
| 195 | | | | 49.8 ⁽⁸⁾ | | 59.1 ⁽¹⁰⁾ | | 68.9 ⁽¹¹⁾ | | 87.8 ⁽¹¹⁾ | 95.8* | 95.8 | 83.0* | 83.0 | 76.3* | 76.3 | 72.2 | 72.3 ⁽⁵⁾ | 195 |
| 200 | | | | 44.4 ⁽⁸⁾ | | 53.4 ⁽⁹⁾ | | 62.8 ⁽¹¹⁾ | | 81.2 ⁽¹¹⁾ | 92.7* | 92.7 | 79.8* | 79.8 | 73.1* | 73.1 | 68.8 | 68.8 | 200 |
| 205 | | | | 39.5 ⁽⁷⁾ | | 48.0 ⁽⁹⁾ | | 57.0 ⁽¹⁰⁾ | | 74.5 ⁽¹¹⁾ | 89.3* | 89.3 | 76.7* | 76.7 | 70.0* | 70.0 | 65.5 | 65.5 | 205 |
| 210 | | | | 34.7 ⁽⁷⁾ | | 42.7 ⁽⁸⁾ | | 51.9 ⁽¹⁰⁾ | | 68.5 ⁽¹¹⁾ | 84.5* | 84.5 | 73.8* | 73.8 | 67.1* | 67.1 | 62.3 | 62.3 | 210 |
| 215 | | | | | | 38.0 ⁽⁸⁾ | | 46.7 ⁽¹⁰⁾ | | 63.7 ⁽¹¹⁾ | 81.0* | 81.0 | 71.0* | 71.0 | 64.3* | 64.3 | 59.5 | 59.5 | 215 |
| 220 | | | | | | 33.3 ⁽⁸⁾ | | | | 58.9 ⁽¹¹⁾ | | 72.3 ⁽¹¹⁾ | 68.4* | 68.4 | 61.6* | 61.6 | 56.8* | 56.9 ⁽⁶⁾ | 220 |
| 225 | | | | | | 28.8 ⁽⁷⁾ | | | | 54.1 ⁽¹¹⁾ | | 66.7 ⁽¹¹⁾ | 65.9* | 65.9 | 59.1* | 59.1 | 54.3* | 54.3 | 225 |
| 230 | | | | | | 24.6 ⁽⁷⁾ | | | | 49.0 ⁽¹¹⁾ | | 61.8 ⁽¹¹⁾ | 63.5* | 63.5 | 56.7* | 56.7 | 51.9* | 51.9 | 230 |
| 235 | | | | | | | | | | 44.0 ⁽¹¹⁾ | | 57.5 ⁽¹¹⁾ | 61.3* | 61.3 | 54.3* | 54.3 | 49.6* | 49.6 | 235 |
| 240 | | | | | | | | | | 24.1 ⁽⁸⁾ | | 53.2 ⁽¹¹⁾ | 59.2* | 59.2 | 52.1* | 52.1 | 47.3* | 47.3 | 240 |
| 245 | | | | | | | | | | 20.1 ⁽⁷⁾ | | 49.0 ⁽¹¹⁾ | 57.1* | 57.1 | 50.0* | 50.0 | 45.2* | 45.2 | 245 |
| 250 | | | | | | | | | | 16.4 ⁽⁷⁾ | | 31.2 ⁽¹⁰⁾ | 44.8 ⁽¹¹⁾ | 44.8 | 47.9* | 47.9 | 43.2* | 43.2 | 250 |
| 255 | | | | | | | | | | | | 27.1 ⁽⁹⁾ | 40.7 ⁽¹¹⁾ | 40.7 | 46.0* | 46.0 | 41.3* | 41.3 | 255 |
| 260 | | | | | | | | | | | | 23.4 ⁽⁹⁾ | | 36.5 ⁽¹¹⁾ | 42.8 ⁽¹¹⁾ | 44.1* | 39.4* | 39.4 | 260 |
| 265 | | | | | | | | | | | | 19.6 ⁽⁹⁾ | | 32.5 ⁽¹¹⁾ | 38.5 ⁽¹¹⁾ | 42.3* | 37.9 | 37.9 | 265 |
| 270 | | | | | | | | | | | | | | 28.9 ⁽¹¹⁾ | 35.0 ⁽¹¹⁾ | 40.6* | 36.5 | 36.5 | 270 |
| 275 | | | | | | | | | | | | | | 25.3 ⁽¹¹⁾ | 31.4 ⁽¹¹⁾ | 39.0* | 35.1 | 35.1 | 275 |
| 280 | | | | | | | | | | | | | | 20.9 ⁽¹⁰⁾ | 27.9 ⁽¹¹⁾ | 37.5* | 33.7 | 33.7 | 280 |
| 285 | | | | | | | | | | | | | | 17.4 ⁽¹⁰⁾ | 24.4 ⁽¹¹⁾ | 36.0* | 32.5 | 32.5 | 285 |
| 290 | | | | | | | | | | | | | | 13.9 ⁽¹⁰⁾ | 21.0 ⁽¹¹⁾ | 34.6* | 31.2 | 31.2 | 290 |
| 295 | | | | | | | | | | | | | | | 17.6 ⁽¹¹⁾ | 33.3* | 30.0 | 30.0 | 295 |
| 300 | | | | | | | | | | | | | | | 14.1 ⁽¹¹⁾ | | 23.4 ⁽¹¹⁾ | 28.8 | 300 |
| 305 | | | | | | | | | | | | | | | | | 20.2 ⁽¹¹⁾ | 27.7 | 305 |
| 310 | | | | | | | | | | | | | | | | | 17.1 ⁽¹¹⁾ | 27.1 | 310 |
| 315 | | | | | | | | | | | | | | | | | 24.0* | 24.0 | 315 |
| 320 | | | | | | | | | | | | | | | | | | 13.5 ⁽¹¹⁾ | 320 |
| 325 | | | | | | | | | | | | | | | | | | 10.7 ⁽¹¹⁾ | 325 |
| 330 | | | | | | | | | | | | | | | | | | 7.9 ⁽¹¹⁾ | 330 |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°

SW1

S 197 - 217 ft

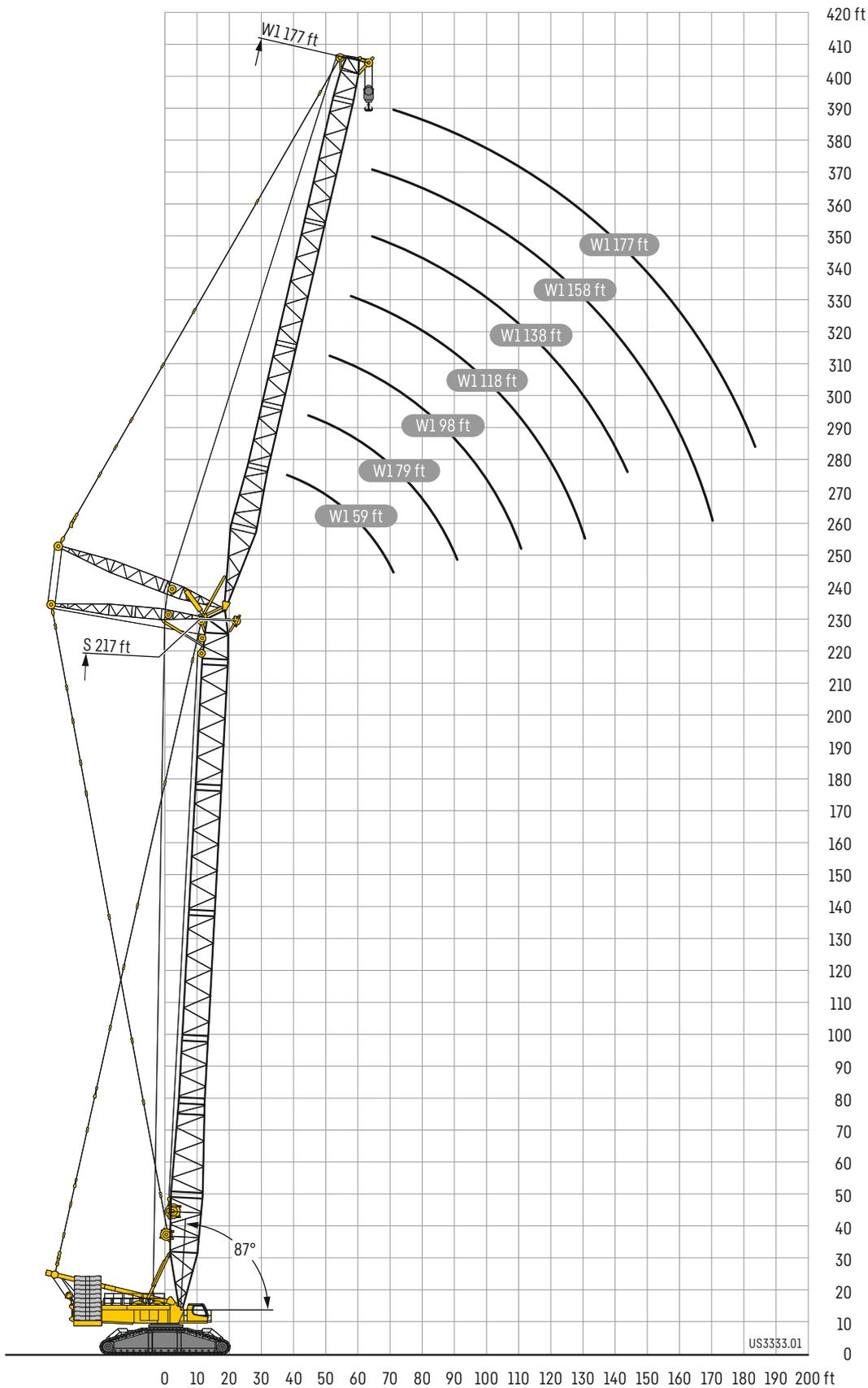


| ft | S 197 ft | | | | | | | | | | | | | | S 217 ft | | | | | | | | | | | | ft | | | | |
|-----|----------|---------------------|---------------------|---------------------|---------------------|--------------------|----------|--------------------|--------------------|--------|----------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------|--------------------|--------------------|----------|--------|-------|--------|------|--------|------|
| | W159 ft | | W179 ft | | W198 ft | | W1118 ft | | W1158 ft | | W1197 ft | | W1236 ft | | W159 ft | | W179 ft | | W198 ft | | W1118 ft | | W1158 ft | | W1177 ft | | | | | | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | | 87/85* | Wmax | 87/85* | Wmax |
| 38 | 708.0 | 709.0 ¹¹ | | | | | | | | | | | | 669.0 | 669.0 | | | | | | | | | | | | | | | 38 | |
| 40 | 675.0 | 675.0 | | | | | | | | | | | | 647.0 | 647.0 | | | | | | | | | | | | | | | 40 | |
| 45 | 602.0 | 602.0 | 581.0 | 581.0 | | | | | | | | | | 579.0 | 579.0 | 560.0 | 560.0 | | | | | | | | | | | | | 45 | |
| 50 | 543.0 | 543.0 | 525.0 | 525.0 | 508.0 | 508.0 | | | | | | | | 524.0 | 524.0 | 507.0 | 507.0 | 491.0 | 491.0 | | | | | | | | | | | 50 | |
| 55 | 495.0 | 495.0 | 479.0 | 479.0 | 464.0 | 464.0 | 451.0 | 451.0 | | | | | | 471.0 | 473.0 ⁴ | 462.0 | 462.0 | 449.0 | 449.0 | 433.0 | 433.0 | | | | | | | | | 55 | |
| 60 | 448.0 | 448.0 | 439.0 | 439.0 | 426.0 | 426.0 | 414.0 | 414.0 | | | | | | 428.0 | 430.0 ³ | 419.0 | 421.0 ³ | 413.0 | 413.0 | 399.0 | 399.0 | | | | | | | | | 60 | |
| 65 | 409.0 | 410.0 ⁷ | 402.0 | 402.0 | 394.0 | 394.0 | 383.0 | 383.0 | 362.0 | 362.0 | | | | 390.0 | 394.0 ⁶ | 383.0 | 385.0 ⁴ | 376.0 | 377.0 ³ | 366.0 | 366.0 | | | | | | | | | 65 | |
| 70 | 377.0 | 378.0 ⁹ | 370.0 | 370.0 | 364.0 | 364.0 | 356.0 | 356.0 | 336.0 | 336.0 | | | | 361.0* | 363.0 ⁷ | 353.0 | 353.0 | 346.0 | 347.0 ³ | 337.0 | 337.0 | 320.0 | 320.0 | | | | | | | 70 | |
| 75 | 349.0* | 351.0 ¹⁰ | 341.0 | 342.0 ⁴ | 335.0 | 336.0 ⁴ | 330.0 | 330.0 | 314.0 | 314.0 | 295.0 | 295.0 | | 336.0* | 337.0 ⁹ | 327.0* | 328.0 ³ | 320.0 | 321.0 ⁴ | 312.0 | 313.0 ³ | 297.0 | 297.0 | 290.0 | 290.0 | | | | | 75 | |
| 80 | 327.0* | 327.0 | 317.0 | 318.0 ⁷ | 310.0 | 311.0 ³ | 307.0 | 307.0 | 293.0 | 293.0 | 277.0 | 277.0 | | 315.0* | 316.0 ¹⁰ | 306.0* | 306.0 | 297.0* | 299.0 ⁴ | 290.0 | 291.0 ³ | 277.0 | 277.0 | 271.0 | 271.0 | 290.0 | 290.0 | | | 80 | |
| 85 | | 303.0 ¹¹ | 297.0* | 298.0 ⁸ | 290.0 | 290.0 | 286.0 | 286.0 | 273.0 | 273.0 | 260.0 | 260.0 | | 298.0* | 298.0 | 287.0* | 287.0 | 279.0* | 280.0 ³ | 270.0* | 271.0 ⁴ | 258.0 | 258.0 | 253.0 | 253.0 | | | | | 85 | |
| 90 | | 279.0 ¹¹ | 279.0* | 280.0 ⁹ | 271.0* | 272.0 ⁴ | 267.0 | 267.0 | 256.0 | 256.0 | 244.0 | 244.0 | 228.0 | 228.0 | 273.0 ¹¹ | 271.0* | 271.0 | 263.0* | 263.0 | 254.0* | 255.0 ⁴ | 241.0 | 241.0 | 237.0 | 237.0 | 290.0 | 290.0 | | | 90 | |
| 95 | | 256.0 ¹¹ | 264.0* | 264.0* | 256.0* | 257.0 ⁷ | 250.0 | 252.0 ³ | 240.0 | 240.0 | 229.0 | 229.0 | 214.0 | 214.0 | 250.0 ¹¹ | 256.0* | 256.0 | 249.0* | 249.0 | 240.0* | 240.0 | 226.0* | 228.0 ³ | 222.0 | 222.0 | 290.0 | 290.0 | | | 95 | |
| 100 | | 232.0 ¹¹ | 251.0* | 251.0* | 242.0* | 242.0* | 236.0* | 236.0* | 226.0 | 226.0 | 214.0 | 214.0 | 201.0 | 201.0 | 228.0 ¹¹ | 243.0* | 243.0 | 235.0* | 235.0 | 227.0* | 227.0* | 214.0* | 215.0 ³ | 209.0* | 209.0* | 290.0 | 290.0 | | | 100 | |
| 105 | | 216.0 ¹¹ | 233.0 ¹¹ | 230.0* | 230.0* | 224.0* | 224.0 | 212.0 | 213.0 ⁴ | 202.0 | 202.0 | 190.0 | 190.0 | 208.0 ¹¹ | 232.0* | 232.0 | 223.0* | 223.0 | 215.0* | 215.0 | 203.0* | 203.0 | 198.0* | 199.0 ³ | 209.0* | 209.0* | | | | | 105 |
| 110 | | 199.0 ¹¹ | 216.0 ¹¹ | 219.0* | 219.0* | 213.0* | 213.0 | 200.0* | 201.0 ⁴ | 191.0 | 191.0 | 180.0 | 180.0 | 193.0 ¹¹ | 211.0 ¹¹ | 213.0* | 213.0* | 205.0* | 205.0 | 193.0* | 193.0 | 188.0* | 188.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 110 | |
| 115 | | 182.0 ¹¹ | 198.0 ¹¹ | 209.0* | 209.0* | 203.0* | 203.0 | 191.0* | 191.0 | 181.0 | 181.0 | 169.0 | 169.0 | 178.0 ¹¹ | 195.0 ¹¹ | 203.0* | 203.0 | 195.0* | 195.0 | 183.0* | 183.0 | 179.0* | 179.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 115 | |
| 120 | | 168.0 ¹¹ | 183.0 ¹¹ | 200.0* | 200.0 | 193.0* | 193.0 | 182.0* | 182.0 | 171.0* | 171.0 | 160.0 | 160.0 | 163.0 ¹¹ | 178.0 ¹¹ | 194.0* | 194.0 | 186.0* | 186.0 | 175.0* | 175.0 | 170.0* | 170.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 120 | |
| 125 | | 155.0 ¹¹ | 170.0 ¹¹ | 184.0 ¹¹ | 185.0* | 185.0 | 173.0* | 173.0* | 163.0* | 163.0 | 152.0 | 152.0 | 140.0 | 140.0 | 149.0 ¹¹ | 185.0* | 185.0* | 180.0 ¹¹ | 178.0* | 178.0 | 167.0* | 167.0 | 162.0* | 162.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 125 |
| 130 | | 143.0 ¹¹ | 157.0 ¹¹ | 171.0 ¹¹ | 177.0* | 177.0 | 165.0* | 165.0* | 156.0* | 156.0 | 144.0* | 145.0 ³ | 130.0 | 130.0 | 138.0 ¹¹ | 153.0 ¹¹ | 153.0 ¹¹ | 168.0 ¹¹ | 170.0* | 170.0 | 159.0* | 159.0 | 155.0* | 155.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 130 |
| 135 | | 131.0 ¹¹ | 145.0 ¹¹ | 158.0 ¹¹ | 170.0* | 170.0 | 158.0* | 158.0* | 149.0* | 149.0 | 137.0* | 137.0 | 120.0 | 120.0 | 127.0 ¹¹ | 141.0 ¹¹ | 141.0 ¹¹ | 155.0 ¹¹ | 163.0* | 163.0 | 152.0* | 152.0 | 148.0* | 148.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 135 |
| 140 | | 121.0 ¹¹ | 134.0 ¹¹ | 147.0 ¹¹ | 164.0* | 164.0 | 152.0* | 152.0 | 142.0* | 142.0 | 131.0* | 131.0 | 115.0 ¹¹ | 115.0 ¹¹ | 115.0 ¹¹ | 130.0 ¹¹ | 130.0 ¹¹ | 143.0 ¹¹ | 157.0* | 157.0 | 146.0* | 146.0 | 142.0* | 142.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 140 |
| 145 | | 111.0 ¹¹ | 124.0 ¹¹ | 137.0 ¹¹ | 150.0* | 150.0 | 140.0* | 140.0 | 130.0* | 130.0 | 119.0* | 119.0 | 106.0 | 106.0 | 106.0 ¹¹ | 120.0 ¹¹ | 120.0 ¹¹ | 133.0 ¹¹ | 145.0 ¹¹ | 145.0 ¹¹ | 140.0 | 140.0 | 136.0* | 136.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 145 |
| 150 | | 101.0 ¹⁰ | 114.0 ¹¹ | 127.0 ¹¹ | 139.0 ¹¹ | 140.0* | 140.0 | 130.0* | 130.0 | 119.0* | 119.0 | 97.1 ¹¹ | 97.1 ¹¹ | 97.1 ¹¹ | 110.0 ¹¹ | 110.0 ¹¹ | 124.0 ¹¹ | 135.0 ¹¹ | 134.0* | 134.0 | 130.0* | 130.0 | 130.0* | 130.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 150 |
| 155 | | 92.6 ¹⁰ | 105.0 ¹¹ | 117.0 ¹¹ | 128.0 ¹¹ | 134.0* | 134.0 | 125.0* | 125.0 | 114.0* | 114.0 | 88.2 ¹⁰ | 88.2 ¹⁰ | 88.2 ¹⁰ | 101.0 ¹¹ | 101.0 ¹¹ | 114.0 ¹¹ | 125.0 ¹¹ | 129.0* | 129.0 | 125.0* | 125.0 | 125.0* | 125.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 155 |
| 160 | | 84.5 ¹⁰ | 96.5 ¹⁰ | 108.0 ¹¹ | 120.0 ¹¹ | 129.0* | 129.0 | 120.0* | 120.0 | 109.0* | 109.0 | 79.8 ¹⁰ | 79.8 ¹⁰ | 79.8 ¹⁰ | 92.3 ¹⁰ | 92.3 ¹⁰ | 105.0 ¹¹ | 115.0 ¹¹ | 124.0 | 124.0 | 120.0* | 120.0 | 120.0* | 120.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 160 |
| 165 | | 76.5 ⁹ | 88.3 ¹¹ | 100.0 ¹¹ | 112.0 ¹¹ | 124.0* | 124.0 | 115.0* | 115.0 | 105.0* | 105.0 | 72.7 ¹⁰ | 72.7 ¹⁰ | 72.7 ¹⁰ | 84.7 ¹¹ | 84.7 ¹¹ | 96.7 ¹¹ | 107.0 ¹¹ | 119.0* | 119.0 | 115.0* | 115.0 | 115.0* | 115.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 165 |
| 170 | | 69.4 ⁹ | 80.1 ¹¹ | 92.0 ¹¹ | 104.0 ¹¹ | 120.0* | 120.0 | 111.0* | 111.0 | 100.0* | 100.0 | 65.7 ¹⁰ | 65.7 ¹⁰ | 65.7 ¹⁰ | 77.3 ¹¹ | 77.3 ¹¹ | 89.1 ¹¹ | 99.2 ¹¹ | 115.0* | 115.0 | 111.0* | 111.0 | 111.0* | 111.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 170 |
| 175 | | 62.6 ⁸ | 73.4 ¹⁰ | 84.2 ¹¹ | 95.3 ¹¹ | 116.0* | 116.0 | 106.0* | 106.0 | 96.0* | 96.0 | 58.6 ⁹ | 58.6 ⁹ | 58.6 ⁹ | 70.0 ¹¹ | 70.0 ¹¹ | 81.6 ¹¹ | 91.4 ¹¹ | 111.0* | 111.0 | 107.0* | 107.0 | 107.0* | 107.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 175 |
| 180 | | 55.8 ⁸ | 66.6 ¹⁰ | 77.3 ¹¹ | 88.2 ¹¹ | 112.0* | 112.0 | 103.0* | 103.0 | 92.1* | 92.1 | 52.6 ⁹ | 52.6 ⁹ | 52.6 ⁹ | 62.8 ¹⁰ | 62.8 ¹⁰ | 74.0 ¹¹ | 83.6 ¹¹ | 108.0* | 108.0 | 103.0* | 103.0 | 103.0* | 103.0 | 209.0* | 209.0* | 290.0 | 290.0 | | | 180 |
| 185 | | 50.2 ⁷ | 59.9 ¹⁰ | 70.4 ¹¹ | 81.0 ¹¹ | 99.5 ¹¹ | 98.8* | 88.4* | 88.4 | 84.4* | 84.4 | 46.8 ⁸ | 46.8 ⁸ | 46.8 ⁸ | 56.8 ¹⁰ | 56.8 ¹⁰ | 67.7 ¹¹ | 77.2 ¹¹ | 108.0* | 108.0 | 96.1 ¹¹ | 96.1 | 96.1* | 96.1 | 209.0* | 209.0* | 290.0 | 290.0 | | | 185 |
| 190 | | 44.7 ⁷ | 53.9 ¹⁰ | 63.4 ¹⁰ | 73.9 ¹¹ | 92.4 ¹¹ | 95.2* | 84.9* | 84.9 | 81.6* | 81.6 | 41.0 ⁸ | 41.0 ⁸ | 41.0 ⁸ | 50.8 ¹⁰ | 50.8 ¹⁰ | 61.4 ¹¹ | 70.8 ¹¹ | 108.0* | 108.0 | 89.1 ¹¹ | 89.1 | 96.2* | 96.2 | 209.0* | 209.0* | 290.0 | 290.0 | | | 190 |
| 195 | | 39.3 ⁷ | 48.0 ⁹ | 57.8 ¹⁰ | 67.4 ¹¹ | 85.7 ¹¹ | 91.9* | 81.6* | 81.6 | 78.4* | 78.4 | 35.8 ⁸ | 35.8 ⁸ | 35.8 ⁸ | 44.8 ¹⁰ | 44.8 ¹⁰ | 55.1 ¹¹ | 64.4 ¹¹ | 108.0* | 108.0 | 82.1 ¹¹ | 82.1 | 93.1* | 93.1 | 209.0* | 209.0* | 290.0 | 290.0 | | | 195 |
| 200 | | 34.5 ⁶ | 42.6 ⁷ | 52.2 ¹⁰ | 62.0 ¹¹ | 79.6 ¹¹ | 88.8* | 78.4* | 78.4 | 75.3* | 75.3 | 30.9 ⁸ | 30.9 ⁸ | 30.9 ⁸ | 39.5 ⁹ | 39.5 ⁹ | 48.9 ¹⁰ | 58.0 ¹¹ | 108.0* | 108.0 | 76.0 ¹¹ | 76.0 | 90.4* | 90.4 | 209.0* | 209.0* | 290.0 | 290.0 | | | 200 |
| 205 | | 29.6 ⁶ | 37.8 ⁷ | 46.6 ¹⁰ | 56.5 ¹¹ | 73.5 ¹¹ | 85.8* | 75.3* | 75.3 | 72.5* | 72.5 | 26.0 ⁷ | 26.0 ⁷ | 26.0 ⁷ | 34.4 ⁹ | 34.4 ⁹ | 43.7 ¹⁰ | 52.6 ¹¹ | 108.0* | 108.0 | 70.3 ¹¹ | 70.3 | 88.8 ¹¹ | 88.8 | 209.0* | 209.0* | 290.0 | 290.0 | | | 205 |
| 210 | | | 33.0 ⁷ | 41.5 ⁹ | 50.6 ¹⁰ | 67.5 ¹¹ | 82.7* | 72.5* | 72.5 | 69.7* | 69.7 | 21.6 ⁷ | 21.6 ⁷ | 21.6 ⁷ | 29.4 ⁹ | 29.4 ⁹ | 38.4 ¹⁰ | 47.2 ¹¹ | 108.0* | 108.0 | 64.6 ¹¹ | 64.6 | 86.8 ¹¹ | 86.8 | 209.0* | 2 | | | | | |

Lifting heights

Hauteurs de levage

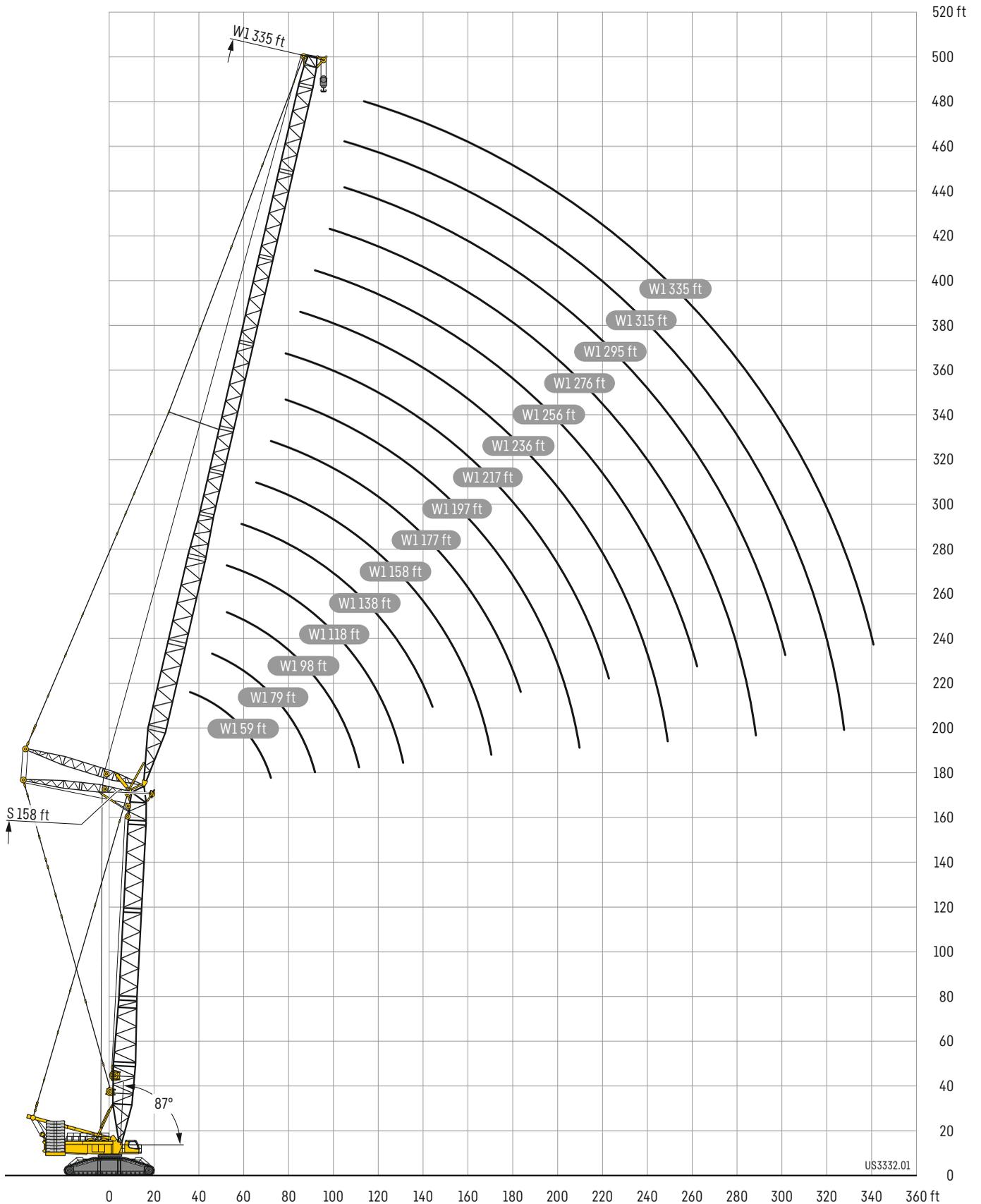
SW1



Lifting heights

Hauteurs de levage

SW1

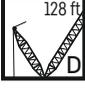


HSDWB / HSDWBV

HS 138 ft



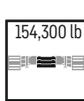
138 ft
HS



128 ft
D



59 - 335 ft
W



154,300 lb



463,000 lb



B BV

661,400 - 881,850 lb

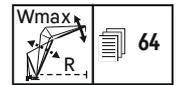
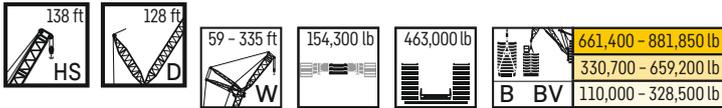
330,700 - 659,200 lb

110,000 - 328,500 lb


Wmax
R_d

64

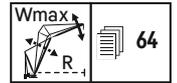
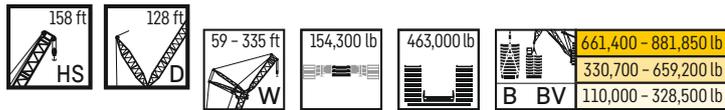
| ft ft | | HS 138 ft | | | | | | | | | | | | | | | | | | | | | |
|----------|------|-----------|-----------------------|---------|-----------------------|---------|-----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 34 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 36 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 38 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 40 | B | 992.0 | 992.0 | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | |
| | BV | 992.0 | 992.0 | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | |
| 45 | B | 992.0* | 992.0 | 992.0 | 992.0 | 992.0 | 992.0 | | | | | | | | | | | | | | | | |
| | BV | 992.0* | 992.0 | 992.0 | 992.0 | 992.0 | 992.0 | | | | | | | | | | | | | | | | |
| 50 | B | 992.0* | 992.0 | 992.0* | 992.0 | 992.0 | 992.0 | 953.0 | 953.0 | | | | | | | | | | | | | | |
| | BV | 992.0* | 992.0 | 992.0* | 992.0 | 992.0 | 992.0 | 960.0 | 960.0 | | | | | | | | | | | | | | |
| 55 | B | 992.0* | 992.0 | 992.0* | 992.0 | 992.0* | 992.0 | 936.0 | 957.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 992.0* | 992.0 | 992.0* | 992.0 | 992.0* | 992.0 | 945.0 | 967.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 60 | B | 922.0* | 989.0 ⁽²⁾ | 963.0* | 966.0 ⁽³⁾ | 992.0* | 992.0 | 957.0* | 957.0 | 737.0 | 737.0 | | | | | | | | | | | | |
| | BV | 921.0* | 992.0 ⁽²⁾ | 962.0* | 992.0 ⁽⁴⁾ | 992.0* | 992.0 | 969.0* | 970.0 ⁽³⁾ | 742.0 | 742.0 | | | | | | | | | | | | |
| 65 | B | 815.0* | 962.0 ⁽⁵⁾ | 861.0* | 949.0 ⁽⁶⁾ | 950.0* | 950.0 | 924.0* | 924.0 | 728.0 | 740.0 ⁽⁷⁾ | | | | | | | | | | | | |
| | BV | 814.0* | 992.0 ⁽⁵⁾ | 861.0* | 992.0 ⁽⁶⁾ | 986.0* | 992.0 ⁽⁷⁾ | 954.0* | 959.0 ⁽⁸⁾ | 733.0 | 746.0 ⁽⁷⁾ | | | | | | | | | | | | |
| 70 | B | 728.0* | 904.0 ⁽³⁾ | 771.0* | 897.0 ⁽⁴⁾ | 890.0* | 893.0 ⁽⁵⁾ | 875.0* | 876.0 ⁽²⁾ | 743.0* | 743.0 | 569.0 | 569.0 | | | | | | | | | | |
| | BV | 729.0* | 992.0 ⁽¹⁾ | 770.0* | 981.0 ⁽⁴⁾ | 915.0* | 992.0 ⁽¹⁾ | 899.0* | 949.0 ⁽¹⁾ | 750.0* | 750.0 | 571.0 | 571.0 | | | | | | | | | | |
| 75 | B | 660.0* | 844.0 ⁽⁴⁾ | 696.0* | 838.0 ⁽¹⁾ | 824.0* | 840.0 ⁽⁵⁾ | 815.0* | 828.0 ⁽²⁾ | 733.0* | 733.0 | 564.0 | 570.0 ⁽¹⁾ | | | | | | | | | | |
| | BV | 660.0* | 991.0 ⁽¹⁾ | 695.0* | 968.0 ⁽¹⁾ | 831.0* | 978.0 ⁽¹⁾ | 819.0* | 938.0 ⁽¹⁾ | 740.0* | 740.0 | 567.0 | 573.0 ⁽¹⁾ | | | | | | | | | | |
| 80 | B | | 791.0 ⁽⁶⁾ | 633.0* | 786.0 ⁽²⁾ | 757.0* | 788.0 ⁽⁵⁾ | 746.0* | 779.0 ⁽²⁾ | 708.0* | 708.0 | 573.0* | 573.0 | 423.0 | 423.0 | | | | | | | | |
| | BV | | 978.0 ⁽²⁾ | 633.0* | 955.0 ⁽¹⁾ | 758.0* | 945.0 ⁽²⁾ | 748.0* | 928.0 ⁽¹⁾ | 712.0* | 726.0 ⁽³⁾ | 577.0* | 577.0 | 424.0 | 424.0 | | | | | | | | |
| 85 | B | | 741.0 ⁽⁵⁾ | 579.0* | 739.0 ⁽⁵⁾ | 694.0* | 736.0 ⁽⁴⁾ | 686.0* | 730.0 ⁽²⁾ | 669.0* | 678.0 ⁽²⁾ | 569.0* | 569.0 | 419.0 | 422.0 ⁽¹⁾ | | | | | | | | |
| | BV | | 930.0 ⁽²⁾ | 579.0* | 933.0 ⁽¹⁾ | 695.0* | 908.0 ⁽²⁾ | 687.0* | 892.0 ⁽¹⁾ | 671.0* | 715.0 ⁽¹⁾ | 573.0* | 573.0 | 421.0 | 423.0 ⁽¹⁾ | | | | | | | | |
| 90 | B | | 693.0 ⁽⁶⁾ | 533.0* | 695.0 ⁽⁴⁾ | 641.0* | 694.0 ⁽⁴⁾ | 634.0* | 686.0 ⁽⁵⁾ | 619.0* | 652.0 ⁽¹⁾ | 562.0* | 562.0 | 423.0* | 423.0 | 315.0 | 315.0 | 275.0 | 275.0 | | | | |
| | BV | | 881.0 ⁽²⁾ | 532.0* | 884.0 ⁽¹⁾ | 642.0* | 867.0 ⁽²⁾ | 634.0* | 853.0 ⁽¹⁾ | 621.0* | 703.0 ⁽¹⁾ | 566.0* | 566.0 | 416.0 | 422.0 ⁽¹⁾ | 316.0 | 316.0 | 276.0 | 276.0 | | | | |
| 95 | B | | 653.0 ⁽⁴⁾ | 482.0* | 654.0 ⁽⁴⁾ | 595.0* | 653.0 ⁽⁵⁾ | 590.0* | 648.0 ⁽⁵⁾ | 576.0* | 629.0 ⁽¹⁾ | 548.0* | 552.0 ⁽¹⁾ | 418.0* | 419.0 ⁽³⁾ | 312.0 | 313.0 ⁽¹⁾ | 271.0 | 271.0 | 231.0 | 231.0 | | |
| | BV | | 833.0 ⁽¹⁾ | 482.0* | 835.0 ⁽¹⁾ | 595.0* | 827.0 ⁽¹⁾ | 590.0* | 815.0 ⁽³⁾ | 577.0* | 691.0 ⁽¹⁾ | 550.0* | 558.0 ⁽¹⁾ | 420.0* | 421.0 ⁽³⁾ | 313.0 | 314.0 ⁽¹⁾ | 272.0 | 272.0 | 231.0 | 231.0 | | |
| 100 | B | | 619.0 ⁽⁹⁾ | | 614.0 ⁽⁵⁾ | 553.0* | 619.0 ⁽⁴⁾ | 550.0* | 613.0 ⁽⁵⁾ | 538.0* | 601.0 ⁽¹⁾ | 525.0* | 545.0 ⁽¹⁾ | 413.0* | 417.0 ⁽¹⁾ | 312.0* | 312.0 | 267.0 | 269.0 ⁽¹⁾ | 229.0 | 229.0 | 196.0 | 196.0 |
| | BV | | 791.0 ⁽³⁾ | | 786.0 ⁽⁵⁾ | 554.0* | 786.0 ⁽¹⁾ | 550.0* | 777.0 ⁽¹⁾ | 539.0* | 667.0 ⁽¹⁾ | 526.0* | 552.0 ⁽¹⁾ | 416.0* | 419.0 ⁽¹⁾ | 313.0* | 313.0 | 268.0 | 269.0 ⁽¹⁾ | 229.0 | 229.0 | 196.0 | 196.0 |
| 105 | B | | 588.0 ⁽¹¹⁾ | | 584.0 ⁽⁵⁾ | 518.0* | 588.0 ⁽⁵⁾ | 514.0* | 583.0 ⁽⁵⁾ | 504.0* | 571.0 ⁽¹⁾ | 492.0* | 537.0 ⁽¹⁾ | 409.0* | 414.0 ⁽³⁾ | 309.0* | 309.0 | 263.0 | 266.0 ⁽¹⁾ | 226.0 | 227.0 ⁽¹⁾ | 194.0 | 194.0 |
| | BV | | 753.0 ⁽⁴⁾ | | 747.0 ⁽¹⁾ | 518.0* | 749.0 ⁽²⁾ | 514.0* | 741.0 ⁽¹⁾ | 504.0* | 642.0 ⁽¹⁾ | 494.0* | 545.0 ⁽¹⁾ | 412.0* | 417.0 ⁽¹⁾ | 311.0* | 311.0 | 264.0 | 267.0 ⁽¹⁾ | 227.0 | 227.0 | 194.0 | 194.0 |
| 110 | B | | 557.0 ⁽¹⁾ | | 557.0 ⁽⁴⁾ | 478.0* | 561.0 ⁽⁴⁾ | 482.0* | 556.0 ⁽⁴⁾ | 474.0* | 545.0 ⁽³⁾ | 462.0* | 530.0 ⁽¹⁾ | 404.0* | 412.0 ⁽¹⁾ | 307.0* | 308.0 ⁽¹⁾ | 264.0* | 264.0 | 224.0 | 226.0 ⁽¹⁾ | 192.0 | 193.0 ⁽¹⁾ |
| | BV | | 716.0 ⁽⁴⁾ | | 712.0 ⁽²⁾ | 478.0* | 712.0 ⁽²⁾ | 483.0* | 707.0 ⁽¹⁾ | 474.0* | 618.0 ⁽¹⁾ | 463.0* | 539.0 ⁽¹⁾ | 407.0* | 415.0 ⁽¹⁾ | 308.0* | 309.0 ⁽¹⁾ | 265.0* | 265.0 | 224.0 | 226.0 ⁽¹⁾ | 193.0 | 193.0 ⁽¹⁾ |
| 115 | B | | 526.0 ⁽¹¹⁾ | | 531.0 ⁽⁷⁾ | 413.0* | 535.0 ⁽⁷⁾ | 454.0* | 529.0 ⁽⁴⁾ | 446.0* | 520.0 ⁽²⁾ | 437.0* | 509.0 ⁽¹⁾ | 397.0* | 409.0 ⁽¹⁾ | 305.0* | 306.0 ⁽¹⁾ | 261.0* | 262.0 ⁽¹⁾ | 225.0* | 225.0 | 191.0 | 192.0 ⁽¹⁾ |
| | BV | | 680.0 ⁽⁵⁾ | | 678.0 ⁽²⁾ | 413.0* | 676.0 ⁽²⁾ | 455.0* | 673.0 ⁽¹⁾ | 446.0* | 594.0 ⁽¹⁾ | 437.0* | 522.0 ⁽¹⁾ | 400.0* | 412.0 ⁽¹⁾ | 306.0* | 307.0 ⁽¹⁾ | 262.0* | 262.0 | 225.0* | 225.0 | 191.0 | 192.0 ⁽¹⁾ |
| 120 | B | | 499.0 ⁽¹¹⁾ | | 506.0 ⁽⁷⁾ | | 509.0 ⁽⁷⁾ | 428.0* | 505.0 ⁽⁵⁾ | 421.0* | 496.0 ⁽²⁾ | 413.0* | 487.0 ⁽¹⁾ | 390.0* | 407.0 ⁽¹⁾ | 302.0* | 304.0 ⁽¹⁾ | 258.0* | 259.0 ⁽¹⁾ | 223.0* | 223.0 | 191.0* | 191.0 |
| | BV | | 647.0 ⁽⁶⁾ | | 645.0 ⁽²⁾ | | 644.0 ⁽⁵⁾ | 429.0* | 639.0 ⁽¹⁾ | 421.0* | 570.0 ⁽¹⁾ | 413.0* | 504.0 ⁽¹⁾ | 392.0* | 410.0 ⁽¹⁾ | 304.0* | 306.0 ⁽¹⁾ | 259.0* | 260.0 ⁽¹⁾ | 223.0* | 223.0 | 191.0* | 191.0 |
| 125 | B | | 473.0 ⁽¹¹⁾ | | 481.0 ⁽⁹⁾ | | 485.0 ⁽⁸⁾ | 404.0* | 482.0 ⁽⁵⁾ | 398.0* | 471.0 ⁽²⁾ | 391.0* | 466.0 ⁽¹⁾ | 379.0* | 404.0 ⁽¹⁾ | 300.0* | 302.0 ⁽¹⁾ | 255.0* | 257.0 ⁽¹⁾ | 221.0* | 221.0 | 189.0* | 189.0 |
| | BV | | 620.0 ⁽⁹⁾ | | 614.0 ⁽⁵⁾ | | 615.0 ⁽³⁾ | 405.0* | 608.0 ⁽¹⁾ | 398.0* | 552.0 ⁽¹⁾ | 391.0* | 487.0 ⁽¹⁾ | 380.0* | 408.0 ⁽¹⁾ | 302.0* | 304.0 ⁽¹⁾ | 256.0* | 258.0 ⁽¹⁾ | 221.0* | 222.0 ⁽¹⁾ | 189.0* | 189.0 |
| 130 | B | | 450.0 ⁽¹⁰⁾ | | 459.0 ⁽⁸⁾ | | 462.0 ⁽⁸⁾ | 372.0* | 459.0 ⁽⁵⁾ | 377.0* | 449.0 ⁽³⁾ | 371.0* | 444.0 ⁽¹⁾ | 365.0* | 395.0 ⁽¹⁾ | 298.0* | 300.0 ⁽¹⁾ | 252.0* | 254.0 ⁽¹⁾ | 219.0* | 219.0 | 188.0* | 188.0 |
| | BV | | 587.0 ⁽¹⁰⁾ | | 585.0 ⁽⁵⁾ | | 588.0 ⁽⁴⁾ | 372.0* | 583.0 ⁽²⁾ | 378.0* | 535.0 ⁽¹⁾ | 371.0* | 470.0 ⁽¹⁾ | 364.0* | 400.0 ⁽¹⁾ | 300.0* | 302.0 ⁽¹⁾ | 254.0* | 256.0 ⁽¹⁾ | 220.0* | 220.0 | 188.0* | 188.0 |
| 135 | B | | 428.0 ⁽⁹⁾ | | 440.0 ⁽¹¹⁾ | | 442.0 ⁽⁹⁾ | 318.0* | 438.0 ⁽⁶⁾ | 359.0* | 431.0 ⁽³⁾ | 352.0* | 423.0 ⁽¹⁾ | 347.0* | 387.0 ⁽¹⁾ | 296.0* | 298.0 ⁽¹⁾ | 250.0* | 252.0 ⁽¹⁾ | 218.0* | 218.0 | 186.0* | 186.0 |
| | BV | | 552.0 ⁽⁹⁾ | | 560.0 ⁽⁴⁾ | | 563.0 ⁽⁴⁾ | 319.0* | 558.0 ⁽²⁾ | 359.0* | 518.0 ⁽¹⁾ | 352.0* | 453.0 ⁽¹⁾ | 346.0* | 392.0 ⁽¹⁾ | 298.0* | 300.0 ⁽¹⁾ | 251.0* | 253.0 ⁽¹⁾ | 218.0* | 219.0 ⁽¹⁾ | 186.0* | 186.0 |
| 140 | B | | 408.0 ⁽⁸⁾ | | 420.0 ⁽¹¹⁾ | | 425.0 ⁽¹⁰⁾ | | 420.0 ⁽⁶⁾ | 341.0* | 412.0 ⁽³⁾ | 335.0* | 405.0 ⁽¹⁾ | 331.0* | 379.0 ⁽¹⁾ | 293.0* | 296.0 ⁽¹⁾ | 247.0* | 250.0 ⁽¹⁾ | 216.0* | 216.0 | 184.0* | 185.0 ⁽¹⁾ |
| | BV | | 520.0 ⁽⁹⁾ | | 531.0 ⁽⁴⁾ | | 538.0 ⁽⁴⁾ | | 532.0 ⁽²⁾ | 341.0* | 500.0 ⁽¹⁾ | 336.0* | 438.0 ⁽¹⁾ | 330.0* | 384.0 ⁽¹⁾ | 295.0* | 299.0 ⁽¹⁾ | 248.0* | 251.0 ⁽¹⁾ | 217.0* | 217.0 | 185.0* | 185.0 |
| 145 | B | | 389.0 ⁽⁸⁾ | | 400.0 ⁽¹¹⁾ | | 407.0 ⁽¹¹⁾ | | 405.0 ⁽⁷⁾ | 325.0* | 395.0 ⁽³⁾ | 319.0* | 389.0 ⁽²⁾ | 315.0* | 371.0 ⁽¹⁾ | 289.0* | 294.0 ⁽¹⁾ | 244.0* | 247.0 ⁽¹⁾ | 214.0* | 215.0 ⁽¹⁾ | 183.0* | 183.0 |
| | BV | | 489.0 ⁽⁸⁾ | | 505.0 ⁽⁵⁾ | | 514.0 ⁽⁵⁾ | | 507.0 ⁽²⁾ | 325.0* | 483.0 ⁽¹⁾ | 320.0* | 425.0 ⁽¹⁾ | 315.0* | 376.0 ⁽¹⁾ | 291.0* | 296.0 ⁽¹⁾ | 245.0* | 249.0 ⁽¹⁾ | 215.0* | 215.0 | 183.0* | 184.0 ⁽¹⁾ |
| 150 | B | | 372.0 ⁽⁷⁾ | | 382.0 ⁽¹⁰⁾ | | 388.0 ⁽¹¹⁾ | | 390.0 ⁽⁸⁾ | 310.0* | 379.0 ⁽³⁾ | 305.0* | 375.0 ⁽²⁾ | 301.0* | 362.0 ⁽¹⁾ | 282.0* | 291.0 ⁽¹⁾ | 241.0* | 245.0 ⁽¹⁾ | 213.0* | 213.0 | 181.0* | 182.0 ⁽¹⁾ |
| | BV</ | | | | | | | | | | | | | | | | | | | | | | |



| ft | HS 138 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|-----------|------|----------------------|------|-----------------------|------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|----------------------|----------------------|------|
| | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 175 | B | | 307.0 ⁽⁸⁾ | | 310.0 ⁽¹⁰⁾ | | 321.0 ⁽¹¹⁾ | 206.0* | 315.0 ⁽⁵⁾ | 246.0* | 309.0 ⁽⁵⁾ | 243.0* | 306.0 ⁽¹⁾ | 237.0* | 277.0 ⁽¹⁾ | 224.0* | 235.0 ⁽²⁾ | 205.0* | 207.0 ⁽²⁾ | 174.0* | 176.0 ⁽²⁾ | |
| | BV | | 370.0 ⁽⁸⁾ | | 393.0 ⁽¹⁰⁾ | | 398.0 ⁽⁵⁾ | 206.0* | 387.0 ⁽¹¹⁾ | 247.0* | 356.0 ⁽¹⁾ | 244.0* | 322.0 ⁽¹⁾ | 237.0* | 279.0 ⁽¹⁾ | 224.0* | 236.0 ⁽²⁾ | 206.0* | 209.0 ⁽²⁾ | 175.0* | 176.0 ⁽²⁾ | |
| 180 | B | | 294.0 ⁽⁷⁾ | | 297.0 ⁽⁹⁾ | | 308.0 ⁽¹¹⁾ | | 303.0 ⁽⁵⁾ | 237.0* | 299.0 ⁽⁵⁾ | 233.0* | 294.0 ⁽¹⁾ | 228.0* | 272.0 ⁽¹⁾ | 218.0* | 232.0 ⁽²⁾ | 203.0* | 206.0 ⁽²⁾ | 173.0* | 175.0 ⁽²⁾ | |
| | BV | | 348.0 ⁽⁷⁾ | | 373.0 ⁽⁹⁾ | | 381.0 ⁽⁴⁾ | | 372.0 ⁽²⁾ | 237.0* | 346.0 ⁽¹⁾ | 234.0* | 312.0 ⁽¹⁾ | 228.0* | 274.0 ⁽¹⁾ | 219.0* | 233.0 ⁽²⁾ | 203.0* | 207.0 ⁽²⁾ | 174.0* | 175.0 ⁽²⁾ | |
| 185 | B | | 237.0 ⁽⁷⁾ | | 285.0 ⁽⁹⁾ | | 294.0 ⁽¹⁰⁾ | | 293.0 ⁽⁴⁾ | 230.0* | 289.0 ⁽⁵⁾ | 225.0* | 283.0 ⁽²⁾ | 219.0* | 266.0 ⁽¹⁾ | 212.0* | 229.0 ⁽²⁾ | 200.0* | 204.0 ⁽²⁾ | 172.0* | 174.0 ⁽²⁾ | |
| | BV | | 328.0 ⁽⁷⁾ | | 353.0 ⁽⁹⁾ | | 365.0 ⁽⁷⁾ | | 358.0 ⁽²⁾ | 230.0* | 337.0 ⁽¹⁾ | 225.0* | 303.0 ⁽¹⁾ | 219.0* | 269.0 ⁽¹⁾ | 212.0* | 230.0 ⁽²⁾ | 201.0* | 205.0 ⁽²⁾ | 172.0* | 174.0 ⁽²⁾ | |
| 190 | B | | | | 272.0 ⁽⁸⁾ | | 282.0 ⁽¹⁰⁾ | | 284.0 ⁽⁴⁾ | 223.0* | 279.0 ⁽⁵⁾ | 216.0* | 275.0 ⁽²⁾ | 211.0* | 261.0 ⁽¹⁾ | 206.0* | 226.0 ⁽²⁾ | 197.0* | 202.0 ⁽²⁾ | 170.0* | 172.0 ⁽²⁾ | |
| | BV | | | | 333.0 ⁽⁸⁾ | | 352.0 ⁽⁷⁾ | | 345.0 ⁽²⁾ | 223.0* | 327.0 ⁽¹⁾ | 217.0* | 295.0 ⁽¹⁾ | 211.0* | 263.0 ⁽¹⁾ | 206.0* | 227.0 ⁽²⁾ | 198.0* | 204.0 ⁽²⁾ | 171.0* | 173.0 ⁽²⁾ | |
| 195 | B | | | | 261.0 ⁽⁸⁾ | | 271.0 ⁽¹⁰⁾ | | 275.0 ⁽⁷⁾ | 215.0* | 269.0 ⁽⁵⁾ | 209.0* | 266.0 ⁽²⁾ | 203.0* | 255.0 ⁽¹⁾ | 198.0* | 224.0 ⁽²⁾ | 194.0* | 201.0 ⁽²⁾ | 169.0* | 171.0 ⁽²⁾ | |
| | BV | | | | 314.0 ⁽⁸⁾ | | 340.0 ⁽⁹⁾ | | 331.0 ⁽²⁾ | 214.0* | 319.0 ⁽¹⁾ | 209.0* | 288.0 ⁽¹⁾ | 203.0* | 258.0 ⁽¹⁾ | 198.0* | 225.0 ⁽²⁾ | 194.0* | 202.0 ⁽²⁾ | 170.0* | 172.0 ⁽²⁾ | |
| 200 | B | | | | 250.0 ⁽⁷⁾ | | 259.0 ⁽⁹⁾ | | 267.0 ⁽⁸⁾ | 198.0* | 262.0 ⁽⁴⁾ | 201.0* | 258.0 ⁽²⁾ | 196.0* | 249.0 ⁽¹⁾ | 191.0* | 221.0 ⁽²⁾ | 190.0* | 199.0 ⁽²⁾ | 168.0* | 170.0 ⁽³⁾ | |
| | BV | | | | 295.0 ⁽⁷⁾ | | 323.0 ⁽⁹⁾ | | 320.0 ⁽³⁾ | 198.0* | 311.0 ⁽¹⁾ | 201.0* | 281.0 ⁽¹⁾ | 196.0* | 253.0 ⁽¹⁾ | 191.0* | 222.0 ⁽²⁾ | 190.0* | 200.0 ⁽²⁾ | 168.0* | 171.0 ⁽³⁾ | |
| 210 | B | | | | 251.0 ⁽¹⁰⁾ | | 237.0 ⁽⁸⁾ | | 230.0 ⁽⁸⁾ | 160.0* | 245.0 ⁽⁵⁾ | 187.0* | 241.0 ⁽²⁾ | 182.0* | 236.0 ⁽¹⁾ | 177.0* | 213.0 ⁽²⁾ | 177.0* | 195.0 ⁽²⁾ | 164.0* | 168.0 ⁽³⁾ | |
| | BV | | | | 289.0 ⁽⁸⁾ | | 289.0 ⁽⁸⁾ | | 300.0 ⁽⁴⁾ | 160.0* | 295.0 ⁽¹⁾ | 187.0* | 266.0 ⁽¹⁾ | 182.0* | 242.0 ⁽¹⁾ | 178.0* | 214.0 ⁽¹⁾ | 177.0* | 196.0 ⁽²⁾ | 164.0* | 169.0 ⁽³⁾ | |
| 220 | B | | | | | | 218.0 ⁽⁷⁾ | | 233.0 ⁽¹⁰⁾ | | 231.0 ⁽⁵⁾ | 175.0* | 226.0 ⁽³⁾ | 170.0* | 221.0 ⁽¹⁾ | 165.0* | 206.0 ⁽¹⁾ | 165.0* | 190.0 ⁽²⁾ | 157.0* | 165.0 ⁽³⁾ | |
| | BV | | | | | | 258.0 ⁽⁷⁾ | | 281.0 ⁽⁵⁾ | | 275.0 ⁽¹⁾ | 175.0* | 254.0 ⁽¹⁾ | 170.0* | 230.0 ⁽¹⁾ | 165.0* | 208.0 ⁽¹⁾ | 165.0* | 191.0 ⁽²⁾ | 158.0* | 165.0 ⁽³⁾ | |
| 230 | B | | | | | | | | 215.0 ⁽¹⁰⁾ | | 216.0 ⁽⁶⁾ | 162.0* | 212.0 ⁽³⁾ | 159.0* | 206.0 ⁽²⁾ | 155.0* | 196.0 ⁽¹⁾ | 154.0* | 184.0 ⁽²⁾ | 150.0* | 161.0 ⁽³⁾ | |
| | BV | | | | | | | | 259.0 ⁽⁴⁾ | | 255.0 ⁽²⁾ | 162.0* | 242.0 ⁽¹⁾ | 159.0* | 219.0 ⁽¹⁾ | 154.0* | 201.0 ⁽¹⁾ | 154.0* | 185.0 ⁽²⁾ | 150.0* | 161.0 ⁽³⁾ | |
| 240 | B | | | | | | | | 197.0 ⁽⁹⁾ | | 202.0 ⁽⁶⁾ | 144.0* | 198.0 ⁽⁴⁾ | 148.0* | 194.0 ⁽²⁾ | 144.0* | 186.0 ⁽¹⁾ | 144.0* | 178.0 ⁽²⁾ | 140.0* | 157.0 ⁽³⁾ | |
| | BV | | | | | | | | 242.0 ⁽⁸⁾ | | 238.0 ⁽²⁾ | 144.0* | 230.0 ⁽¹⁾ | 149.0* | 208.0 ⁽¹⁾ | 145.0* | 194.0 ⁽¹⁾ | 144.0* | 179.0 ⁽²⁾ | 140.0* | 157.0 ⁽²⁾ | |
| 250 | B | | | | | | | | 181.0 ⁽⁸⁾ | | 191.0 ⁽⁷⁾ | 117.0* | 187.0 ⁽⁴⁾ | 139.0* | 182.0 ⁽²⁾ | 135.0* | 176.0 ⁽²⁾ | 135.0* | 172.0 ⁽²⁾ | 131.0* | 153.0 ⁽²⁾ | |
| | BV | | | | | | | | 221.0 ⁽⁸⁾ | | 223.0 ⁽³⁾ | 117.0* | 219.0 ⁽¹⁾ | 139.0* | 199.0 ⁽¹⁾ | 135.0* | 186.0 ⁽¹⁾ | 135.0* | 172.0 ⁽²⁾ | 131.0* | 154.0 ⁽²⁾ | |
| 260 | B | | | | | | | | 166.0 ⁽⁷⁾ | | 181.0 ⁽⁹⁾ | | 176.0 ⁽⁵⁾ | 130.0* | 170.0 ⁽³⁾ | 127.0* | 167.0 ⁽²⁾ | 126.0* | 164.0 ⁽¹⁾ | 122.0* | 149.0 ⁽²⁾ | |
| | BV | | | | | | | | 197.0 ⁽⁷⁾ | | 207.0 ⁽¹⁾ | | 207.0 ⁽¹⁾ | 131.0* | 190.0 ⁽¹⁾ | 127.0* | 179.0 ⁽¹⁾ | 126.0* | 167.0 ⁽¹⁾ | 122.0* | 150.0 ⁽²⁾ | |
| 270 | B | | | | | | | | | | 169.0 ⁽¹⁰⁾ | | 167.0 ⁽⁵⁾ | 120.0* | 162.0 ⁽³⁾ | 119.0* | 158.0 ⁽²⁾ | 118.0* | 157.0 ⁽²⁾ | 115.0* | 145.0 ⁽²⁾ | |
| | BV | | | | | | | | | | 200.0 ⁽⁵⁾ | | 195.0 ⁽²⁾ | 120.0* | 182.0 ⁽¹⁾ | 119.0* | 171.0 ⁽¹⁾ | 118.0* | 162.0 ⁽¹⁾ | 115.0* | 145.0 ⁽²⁾ | |
| 280 | B | | | | | | | | | | 155.0 ⁽⁹⁾ | | 159.0 ⁽⁶⁾ | 106.0* | 153.0 ⁽⁴⁾ | 112.0* | 149.0 ⁽³⁾ | 111.0* | 149.0 ⁽²⁾ | 107.0* | 140.0 ⁽²⁾ | |
| | BV | | | | | | | | | | 190.0 ⁽⁷⁾ | | 185.0 ⁽²⁾ | 106.0* | 174.0 ⁽¹⁾ | 112.0* | 164.0 ⁽¹⁾ | 111.0* | 156.0 ⁽¹⁾ | 107.0* | 140.0 ⁽²⁾ | |
| 290 | B | | | | | | | | | | 142.0 ⁽⁸⁾ | | 150.0 ⁽⁷⁾ | 84.9* | 145.0 ⁽⁴⁾ | 102.0* | 141.0 ⁽³⁾ | 104.0* | 140.0 ⁽²⁾ | 101.0* | 135.0 ⁽²⁾ | |
| | BV | | | | | | | | | | 175.0 ⁽⁸⁾ | | 174.0 ⁽³⁾ | 84.9* | 167.0 ⁽¹⁾ | 102.0* | 157.0 ⁽¹⁾ | 105.0* | 151.0 ⁽¹⁾ | 101.0* | 135.0 ⁽²⁾ | |
| 300 | B | | | | | | | | | | 131.0 ⁽⁷⁾ | | 142.0 ⁽⁹⁾ | | 137.0 ⁽⁵⁾ | 90.2* | 132.0 ⁽⁴⁾ | 97.5* | 132.0 ⁽³⁾ | 94.7* | 128.0 ⁽²⁾ | |
| | BV | | | | | | | | | | 155.0 ⁽⁷⁾ | | 163.0 ⁽⁴⁾ | | 157.0 ⁽¹⁾ | 90.2* | 150.0 ⁽¹⁾ | 97.8* | 145.0 ⁽¹⁾ | 94.7* | 130.0 ⁽²⁾ | |
| 310 | B | | | | | | | | | | | | | | 133.0 ⁽¹⁰⁾ | 70.9* | 125.0 ⁽⁴⁾ | 89.3* | 124.0 ⁽³⁾ | 88.8* | 120.0 ⁽²⁾ | |
| | BV | | | | | | | | | | | | | | 153.0 ⁽⁵⁾ | 70.9* | 143.0 ⁽¹⁾ | 89.4* | 139.0 ⁽¹⁾ | 88.7* | 125.0 ⁽¹⁾ | |
| 320 | B | | | | | | | | | | | | | | 123.0 ⁽⁶⁾ | | 118.0 ⁽⁴⁾ | 77.6* | 117.0 ⁽⁴⁾ | 82.5* | 113.0 ⁽³⁾ | |
| | BV | | | | | | | | | | | | | | 144.0 ⁽⁶⁾ | | 135.0 ⁽¹⁾ | 77.6* | 132.0 ⁽¹⁾ | 82.5* | 121.0 ⁽¹⁾ | |
| 330 | B | | | | | | | | | | | | | | 113.0 ⁽⁸⁾ | | 112.0 ⁽⁴⁾ | 59.9* | 111.0 ⁽⁴⁾ | 75.6* | 107.0 ⁽³⁾ | |
| | BV | | | | | | | | | | | | | | 137.0 ⁽⁷⁾ | | 131.0 ⁽³⁾ | 59.9* | 126.0 ⁽¹⁾ | 75.6* | 117.0 ⁽¹⁾ | |
| 340 | B | | | | | | | | | | | | | | 103.0 ⁽⁷⁾ | | 110.0 ⁽⁷⁾ | | 105.0 ⁽⁴⁾ | 64.4* | 101.0 ⁽³⁾ | |
| | BV | | | | | | | | | | | | | | 123.0 ⁽⁷⁾ | | 125.0 ⁽³⁾ | | 120.0 ⁽¹⁾ | 64.5* | 113.0 ⁽¹⁾ | |
| 350 | B | | | | | | | | | | | | | | | | 105.0 ⁽⁹⁾ | | 99.2 ⁽⁵⁾ | 48.6* | 95.5 ⁽⁴⁾ | |
| | BV | | | | | | | | | | | | | | | | 119.0 ⁽⁴⁾ | | 113.0 ⁽¹⁾ | 48.6* | 108.0 ⁽¹⁾ | |
| 360 | B | | | | | | | | | | | | | | | | 97.2 ⁽⁹⁾ | | 95.9 ⁽⁷⁾ | 94.0 ⁽³⁾ | 90.9 ⁽⁴⁾ | |
| | BV | | | | | | | | | | | | | | | | 113.0 ⁽⁵⁾ | | 109.0 ⁽³⁾ | 108.0 ⁽²⁾ | 104.0 ⁽¹⁾ | |
| 370 | B | | | | | | | | | | | | | | | | 88.2 ⁽⁸⁾ | | 91.4 ⁽⁹⁾ | 89.8 ⁽⁴⁾ | 86.0 ⁽⁵⁾ | |
| | BV | | | | | | | | | | | | | | | | 107.0 ⁽⁷⁾ | | 104.0 ⁽⁴⁾ | 101.0 ⁽³⁾ | 97.4 ⁽²⁾ | |
| 380 | B | | | | | | | | | | | | | | | | 79.8 ⁽⁷⁾ | | 84.7 ⁽⁹⁾ | 85.0 ⁽⁷⁾ | 81.2 ⁽⁵⁾ | |
| | BV | | | | | | | | | | | | | | | | 95.3 ⁽⁷⁾ | | 97.7 ⁽⁵⁾ | 96.3 ⁽²⁾ | 93.2 ⁽²⁾ | |
| 390 | B | | | | | | | | | | | | | | | | | | 76.6 ⁽⁸⁾ | 79.5 ⁽⁸⁾ | 76.6 ⁽⁶⁾ | |
| | BV | | | | | | | | | | | | | | | | | | 91.7 ⁽⁷⁾ | 90.8 ⁽⁴⁾ | 86.6 ⁽³⁾ | |
| 400 | B | | | | | | | | | | | | | | | | | | 68.6 ⁽⁷⁾ | 74.7 ⁽⁹⁾ | 71.9 ⁽⁷⁾ | |
| | BV | | | | | | | | | | | | | | | | | | 82.1 ⁽⁷⁾ | 84.8 ⁽⁵⁾ | 81.0 ⁽³⁾ | |
| 410 | B | | | | | | | | | | | | | | | | | | | 67.5 ⁽⁸⁾ | 67.6 ⁽⁸⁾ | |
| | BV | | | | | | | | | | | | | | | | | | | 79.8 ⁽⁷⁾ | 76.1 ⁽⁴⁾ | |
| 420 | B | | | | | | | | | | | | | | | | | | | 60.0 ⁽⁷⁾ | 63.9 ⁽⁹⁾ | |
| | BV | | | | | | | | | | | | | | | | | | | 72.1 ⁽⁷⁾ | 71.2 ⁽⁵⁾ | |
| 430 | B | | | | | | | | | | | | | | | | | | | | 57.4 ⁽⁸⁾ | |
| | BV | | | | | | | | | | | | | | | | | | | | 67.0 ⁽⁷⁾ | |
| 440 | B | | | | | | | | | | | | | | | | | | | | 50.5 ⁽⁷⁾ | |
| | BV | | | | | | | | | | | | | | | | | | | | 60.9 ⁽⁷⁾ | |

HSDWB / HSDWBV

HS 158 ft



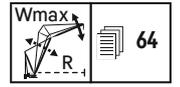
| ft | ft | HS 158 ft | | | | | | | | | | | | | | | | | | | | | | |
|-----|---------|------------------|--|------------------|--|------------------|--|------------------|---|------------------|--|------------------|--|------------------|--|------------------|--|------------------|--|--------------------------------|--|------------------|-----------------------------------|--|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* |
| 36 | B BV | 992.0 992.0 | 992.0 992.0 | | | | | | | | | | | | | | | | | | | | | |
| 38 | B BV | 992.0 992.0 | 992.0 992.0 | | | | | | | | | | | | | | | | | | | | | |
| 40 | B BV | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | | | | | | | | | | | | | | | | | | | |
| 45 | B BV | 992.0* 992.0* | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | | | | | | | | | | | | | | | | | |
| 50 | B BV | 992.0* 992.0* | 992.0 992.0 | 992.0* 992.0* | 992.0 992.0 | 992.0 992.0 | 992.0 992.0 | 891.0 891.0 | 891.0 891.0 | | | | | | | | | | | | | | | |
| 55 | B BV | 992.0* 992.0* | 992.0 992.0 | 992.0* 992.0* | 992.0 992.0 | 992.0* 992.0* | 992.0 992.0 | 876.0 884.0 | 891.0 ⁽²⁾ 900.0 ⁽²⁾ | | | | | | | | | | | | | | | |
| 60 | B BV | 958.0* 956.0* | 992.0 ⁽¹⁾ 992.0 ⁽²⁾ | 992.0* 992.0* | 992.0 992.0 | 987.0* 992.0* | 987.0 992.0 | 897.0* 908.0* | 897.0 908.0 | 691.0 694.0 | 691.0 694.0 | | | | | | | | | | | | | |
| 65 | B BV | 847.0* 846.0* | 952.0 ⁽¹⁾ 992.0 ⁽²⁾ | 902.0* 904.0* | 933.0 ⁽¹⁾ 992.0 ⁽²⁾ | 932.0* 992.0* | 935.0 ⁽²⁾ 992.0* | 883.0* 897.0* | 883.0 903.0 ⁽²⁾ | 681.0 686.0 | 690.0 ⁽¹⁾ 695.0 ⁽²⁾ | | | | | | | | | | | | | |
| 70 | B BV | 755.0* 756.0* | 895.0 ⁽²⁾ 992.0 ⁽³⁾ | 804.0* 805.0* | 880.0 ⁽¹⁾ 987.0 ⁽²⁾ | 874.0* 959.0* | 881.0 ⁽²⁾ 985.0 ⁽¹⁾ | 854.0* 885.0* | 854.0 900.0 ⁽²⁾ | 698.0* 704.0* | 698.0 704.0 | 535.0 537.0 | 535.0 537.0 | | | | | | | | | | | |
| 75 | B BV | 680.0* 680.0* | 836.0 ⁽³⁾ 986.0 ⁽³⁾ | 725.0* 725.0* | 828.0 ⁽²⁾ 974.0 ⁽²⁾ | 820.0* 893.0* | 826.0 ⁽²⁾ 983.0 ⁽¹⁾ | 806.0* 864.0* | 810.0 ⁽²⁾ 896.0 ⁽³⁾ | 689.0* 697.0* | 689.0 701.0 ⁽³⁾ | 530.0 532.0 | 534.0 ⁽²⁾ 537.0 ⁽¹⁾ | | | | | | | | | | | |
| 80 | B BV | 567.0* 568.0* | 783.0 ⁽⁴⁾ 983.0 ⁽¹⁾ | 658.0* 658.0* | 777.0 ⁽²⁾ 938.0 ⁽²⁾ | 773.0* 815.0* | 778.0 ⁽³⁾ 951.0 ⁽¹⁾ | 761.0* 806.0* | 766.0 ⁽²⁾ 893.0 ⁽¹⁾ | 681.0* 690.0* | 681.0 699.0 ⁽²⁾ | 540.0* 543.0* | 540.0 543.0 | 406.0 406.0 | 406.0 | | | | | | | | | |
| 85 | B BV | | 736.0 ⁽⁴⁾ 931.0 ⁽¹⁾ | 600.0* 600.0* | 730.0 ⁽³⁾ 902.0 ⁽¹⁾ | 729.0* 746.0* | 733.0 ⁽⁴⁾ 914.0 ⁽²⁾ | 719.0* 740.0* | 723.0 ⁽³⁾ 882.0 ⁽¹⁾ | 668.0* 676.0* | 668.0 698.0 ⁽¹⁾ | 536.0* 540.0* | 536.0 540.0 | 402.0 403.0 | 404.0 ⁽¹⁾ 405.0 ⁽²⁾ | | | | | | | | | |
| 90 | B BV | | 695.0 ⁽⁷⁾ 881.0 ⁽³⁾ | 551.0* 551.0* | 689.0 ⁽⁴⁾ 870.0 ⁽¹⁾ | 686.0* 688.0* | 693.0 ⁽⁵⁾ 870.0 ⁽²⁾ | 679.0* 683.0* | 685.0 ⁽³⁾ 844.0 ⁽¹⁾ | 647.0 650.0* | 647.0 697.0 ⁽¹⁾ | 531.0* 536.0* | 531.0 539.0 ⁽¹⁾ | 398.0 399.0 | 402.0 ⁽¹⁾ 404.0 ⁽¹⁾ | 303.0 304.0 | 303.0 304.0 | | | | | | | |
| 95 | B BV | | 654.0 ⁽⁷⁾ 834.0 ⁽³⁾ | 507.0* 506.0* | 652.0 ⁽⁵⁾ 827.0 ⁽¹⁾ | 636.0* 637.0* | 655.0 ⁽⁵⁾ 826.0 ⁽²⁾ | 633.0* 633.0* | 650.0 ⁽⁴⁾ 805.0 ⁽¹⁾ | 616.0* 617.0* | 616.0 696.0 ⁽¹⁾ | 524.0* 531.0* | 526.0 ⁽¹⁾ 538.0 ⁽¹⁾ | 401.0* 404.0* | 401.0 404.0 | 300.0 300.0 | 301.0 ⁽¹⁾ 301.0 ⁽¹⁾ | 260.0 261.0 | 260.0 261.0 | | | | | |
| 100 | B BV | | 614.0 ⁽⁸⁾ 788.0 ⁽³⁾ | | 617.0 ⁽⁵⁾ 786.0 ⁽²⁾ | 592.0* 593.0* | 619.0 ⁽⁴⁾ 781.0 ⁽²⁾ | 589.0* 590.0* | 617.0 ⁽⁴⁾ 767.0 ⁽¹⁾ | 574.0* 576.0* | 590.0 ⁽¹⁾ 689.0 ⁽¹⁾ | 515.0* 522.0* | 521.0 ⁽¹⁾ 536.0 ⁽¹⁾ | 397.0* 399.0* | 399.0 ⁽³⁾ 402.0 ⁽¹⁾ | 296.0 297.0 | 299.0 ⁽¹⁾ 300.0 ⁽¹⁾ | 257.0 257.0 | 258.0 ⁽¹⁾ 258.0 ⁽¹⁾ | 221.0 221.0 | 221.0 190.0 | 221.0 190.0 | | |
| 105 | B BV | | 581.0 ⁽⁹⁾ 747.0 ⁽⁴⁾ | | 583.0 ⁽⁵⁾ 746.0 ⁽²⁾ | 553.0* 554.0* | 587.0 ⁽⁴⁾ 742.0 ⁽³⁾ | 551.0* 552.0* | 583.0 ⁽⁴⁾ 730.0 ⁽²⁾ | 537.0* 539.0* | 563.0 ⁽¹⁾ 668.0 ⁽¹⁾ | 504.0* 508.0* | 516.0 ⁽¹⁾ 535.0 ⁽¹⁾ | 393.0* 396.0* | 397.0 ⁽¹⁾ 400.0 ⁽¹⁾ | 298.0* 299.0* | 298.0 299.0 | 253.0 253.0 | 256.0 ⁽¹⁾ 256.0 ⁽¹⁾ | 219.0 219.0 | 219.0 188.0 | 219.0 188.0 | 188.0 188.0 | 188.0 188.0 |
| 110 | B BV | | 553.0 ⁽¹¹⁾ 708.0 ⁽⁴⁾ | | 552.0 ⁽⁶⁾ 707.0 ⁽²⁾ | 518.0* 517.0* | 555.0 ⁽⁶⁾ 704.0 ⁽²⁾ | 517.0* 518.0* | 552.0 ⁽⁵⁾ 696.0 ⁽¹⁾ | 504.0* 506.0* | 538.0 ⁽³⁾ 647.0 ⁽¹⁾ | 489.0* 490.0* | 511.0 ⁽¹⁾ 533.0 ⁽¹⁾ | 389.0* 393.0* | 395.0 ⁽¹⁾ 398.0 ⁽¹⁾ | 296.0* 297.0* | 296.0 295.0* | 254.0* 255.0* | 254.0 255.0 | 216.0 217.0 | 218.0 ⁽¹⁾ 218.0 ⁽¹⁾ | 186.0 186.0 | 186.0 186.0 | |
| 115 | B BV | | 524.0 ⁽¹¹⁾ 676.0 ⁽⁴⁾ | | 524.0 ⁽⁶⁾ 672.0 ⁽²⁾ | 469.0* 470.0* | 529.0 ⁽⁷⁾ 487.0* | 486.0* 487.0* | 526.0 ⁽³⁾ 666.0 ⁽¹⁾ | 475.0* 477.0* | 515.0 ⁽³⁾ 625.0 ⁽¹⁾ | 466.0* 466.0* | 501.0 ⁽¹⁾ 529.0 ⁽¹⁾ | 386.0* 390.0* | 393.0 ⁽¹⁾ 397.0 ⁽¹⁾ | 293.0* 295.0* | 294.0 ⁽¹⁾ 296.0 ⁽¹⁾ | 252.0* 253.0* | 252.0 253.0 | 217.0* 217.0* | 217.0 213.0 | 184.0 182.0 | 184.0 185.0 ⁽¹⁾ | 185.0 ⁽¹⁾ 185.0 ⁽¹⁾ |
| 120 | B BV | | 496.0 ⁽¹¹⁾ 646.0 ⁽⁷⁾ | | 501.0 ⁽⁸⁾ 642.0 ⁽³⁾ | | 506.0 ⁽⁸⁾ 641.0 ⁽³⁾ | 458.0* 459.0* | 502.0 ⁽⁸⁾ 635.0 ⁽¹⁾ | 448.0* 450.0* | 492.0 ⁽³⁾ 604.0 ⁽¹⁾ | 440.0* 440.0* | 481.0 ⁽¹⁾ 517.0 ⁽¹⁾ | 383.0* 387.0* | 391.0 ⁽¹⁾ 395.0 ⁽¹⁾ | 291.0* 293.0* | 293.0 ⁽¹⁾ 294.0 ⁽¹⁾ | 249.0* 250.0* | 250.0 ⁽¹⁾ 251.0 ⁽¹⁾ | 216.0* 216.0* | 216.0 185.0* | 216.0 185.0* | 185.0* 185.0* | 185.0* 185.0* |
| 125 | B BV | | 472.0 ⁽¹¹⁾ 616.0 ⁽⁷⁾ | | 481.0 ⁽¹⁰⁾ 615.0 ⁽⁴⁾ | | 485.0 ⁽⁹⁾ 612.0 ⁽⁴⁾ | 433.0* 434.0* | 481.0 ⁽⁴⁾ 607.0 ⁽²⁾ | 424.0* 425.0* | 470.0 ⁽³⁾ 582.0 ⁽¹⁾ | 416.0* 417.0* | 460.0 ⁽¹⁾ 505.0 ⁽¹⁾ | 378.0* 382.0* | 389.0 ⁽¹⁾ 393.0 ⁽¹⁾ | 289.0* 291.0* | 291.0 ⁽¹⁾ 293.0 ⁽¹⁾ | 247.0* 248.0* | 248.0 ⁽¹⁾ 249.0 ⁽¹⁾ | 214.0* 214.0* | 214.0 215.0 ⁽¹⁾ | 183.0* 183.0* | 183.0* 184.0 ⁽¹⁾ | 183.0* 184.0 ⁽¹⁾ |
| 130 | B BV | | 448.0 ⁽¹¹⁾ 586.0 ⁽⁸⁾ | | 460.0 ⁽¹¹⁾ 587.0 ⁽⁴⁾ | | 465.0 ⁽¹⁰⁾ 585.0 ⁽⁴⁾ | 406.0* 407.0* | 461.0 ⁽⁴⁾ 580.0 ⁽²⁾ | 402.0* 403.0* | 450.0 ⁽³⁾ 562.0 ⁽¹⁾ | 394.0* 395.0* | 443.0 ⁽²⁾ 493.0 ⁽¹⁾ | 372.0* 374.0* | 385.0 ⁽¹⁾ 391.0 ⁽¹⁾ | 287.0* 289.0* | 289.0 ⁽¹⁾ 291.0 ⁽¹⁾ | 244.0* 245.0* | 246.0 ⁽¹⁾ 247.0 ⁽¹⁾ | 212.0* 213.0* | 213.0 ⁽¹⁾ 213.0 | 182.0* 182.0* | 182.0* 182.0* | 182.0* 182.0* |
| 135 | B BV | | 425.0 ⁽¹⁰⁾ 561.0 ⁽¹⁰⁾ | | 438.0 ⁽¹¹⁾ 560.0 ⁽⁴⁾ | | 444.0 ⁽¹⁰⁾ 561.0 ⁽⁵⁾ | 364.0* 364.0* | 443.0 ⁽⁷⁾ 556.0 ⁽³⁾ | 382.0* 383.0* | 432.0 ⁽⁴⁾ 541.0 ⁽¹⁾ | 375.0* 375.0* | 426.0 ⁽²⁾ 481.0 ⁽¹⁾ | 361.0* 362.0* | 378.0 ⁽³⁾ 387.0 ⁽¹⁾ | 285.0* 288.0* | 288.0 ⁽¹⁾ 290.0 ⁽¹⁾ | 241.0* 242.0* | 244.0 ⁽¹⁾ 245.0 ⁽¹⁾ | 211.0* 211.0* | 211.0 212.0 ⁽¹⁾ | 180.0* 181.0* | 180.0* 181.0* | 181.0 ⁽¹⁾ 181.0 |
| 140 | B BV | | 406.0 ⁽¹⁰⁾ 535.0 ⁽¹⁰⁾ | | 417.0 ⁽¹¹⁾ 534.0 ⁽⁵⁾ | | 423.0 ⁽¹⁰⁾ 536.0 ⁽⁵⁾ | | 425.0 ⁽⁸⁾ 533.0 ⁽³⁾ | 364.0* 364.0* | 415.0 ⁽⁴⁾ 520.0 ⁽¹⁾ | 357.0* 358.0* | 409.0 ⁽²⁾ 470.0 ⁽¹⁾ | 349.0* 349.0* | 376.0 ⁽²⁾ 383.0 ⁽¹⁾ | 283.0* 286.0* | 286.0 ⁽¹⁾ 289.0 ⁽¹⁾ | 239.0* 240.0* | 242.0 ⁽¹⁾ 243.0 ⁽¹⁾ | 209.0* 210.0* | 210.0 ⁽¹⁾ 210.0 | 179.0* 179.0* | 179.0* 180.0 ⁽¹⁾ | 179.0* 180.0 ⁽¹⁾ |
| 145 | B BV | | 386.0 ⁽⁹⁾ 510.0 ⁽⁹⁾ | | 398.0 ⁽¹¹⁾ 512.0 ⁽⁵⁾ | | 404.0 ⁽¹¹⁾ 515.0 ⁽⁶⁾ | | 408.0 ⁽⁹⁾ 510.0 ⁽⁴⁾ | 346.0* 347.0* | 398.0 ⁽⁴⁾ 499.0 ⁽¹⁾ | 341.0* 341.0* | 391.0 ⁽²⁾ 458.0 ⁽¹⁾ | 336.0* 336.0* | 374.0 ⁽²⁾ 380.0 ⁽¹⁾ | 281.0* 284.0* | 285.0 ⁽²⁾ 287.0 ⁽²⁾ | 236.0* 237.0* | 240.0 ⁽¹⁾ 241.0 ⁽¹⁾ | 208.0* 209.0 ⁽¹⁾ | 208.0* 209.0 ⁽¹⁾ | 178.0* 178.0* | 178.0* 178.0* | 178.0* 178.0* |
| 150 | B BV | | 369.0 ⁽⁸⁾ 484.0 ⁽⁹⁾ | | 380.0 ⁽¹¹⁾ 493.0 ⁽⁷⁾ | | 386.0 ⁽¹¹⁾ 494.0 ⁽⁷⁾ | | 392.0 ⁽¹⁰⁾ 491.0 ⁽⁴⁾ | 331.0* 331.0* | 382.0 ⁽⁵⁾ 479.0 ⁽¹⁾ | 325.0* 326.0* | 376.0 ⁽³⁾ 445.0 ⁽¹⁾ | 321.0* 321.0* | 365.0 ⁽³⁾ 376.0 ⁽¹⁾ | 279.0* 282.0* | 284.0 ⁽²⁾ 286.0 ⁽²⁾ | 233.0* 235.0* | 238.0 ⁽¹⁾ 239.0 ⁽¹⁾ | 206.0* 207.0 ⁽¹⁾ | 206.0* 208.0 ⁽¹⁾ | 176.0* 177.0* | 176.0* 177.0* | 176.0* 177.0* |
| 155 | B BV | | 353.0 ⁽⁸⁾ 459.0 ⁽⁸⁾ | | 362.0 ⁽¹⁰⁾ 474.0 ⁽⁸⁾ | | 369.0 ⁽¹¹⁾ 477.0 ⁽⁸⁾ | | 376.0 ⁽¹⁰⁾ 472.0 ⁽⁴⁾ | 317.0* 316.0* | 366.0 ⁽⁵⁾ 461.0 ⁽¹⁾ | 311.0* 312.0* | 362.0 ⁽³⁾ 433.0 ⁽¹⁾ | 307.0* 307.0* | 353.0 ⁽²⁾ 373.0 ⁽¹⁾ | 278.0* 280.0* | 283.0 ⁽²⁾ 285.0 ⁽²⁾ | 231.0* 232.0* | 235.0 ⁽¹⁾ 237.0 ⁽¹⁾ | 205.0* 206.0* | 206.0 ⁽²⁾ 207.0 ⁽²⁾ | 175.0* 175.0* | 175.0* 176.0 ⁽¹⁾ | 175.0* 176.0 ⁽¹⁾ |
| 160 | B BV | | 337.0 ⁽⁸⁾ 435.0 ⁽⁸⁾ | | 347.0 ⁽¹⁰⁾ 454.0 ⁽⁸⁾ | | 352.0 ⁽¹¹⁾ 460.0 ⁽¹⁰⁾ | | 359.0 ⁽¹⁰⁾ 456.0 ⁽⁹⁾ | 302.0* 302.0* | 351.0 ⁽⁵⁾ 444.0 ⁽²⁾ | 298.0* 298.0* | 347.0 ⁽³⁾ 421.0 ⁽¹⁾ | 293.0* 294.0* | 341.0 ⁽²⁾ 369.0 ⁽¹⁾ | 273.0* 276.0* | 282.0 ⁽²⁾ 284.0 ⁽²⁾ | 228.0* 230.0* | 232.0 ⁽²⁾ 235.0 ⁽²⁾ | 203.0* 204.0* | 203.0 ⁽²⁾ 206.0 ⁽²⁾ | 174.0* 174.0* | 174.0* 175.0 ⁽²⁾ | 174.0* 175.0 ⁽²⁾ |
| 165 | B BV | | 323.0 ⁽⁷⁾ 412.0 ⁽⁸⁾ | | 332.0 ⁽¹⁰⁾ 434.0 ⁽¹⁰⁾ | | 337.0 ⁽¹¹⁾ 442.0 ⁽¹⁰⁾ | | 345.0 ⁽¹¹⁾ 440.0 ⁽⁴⁾ | 289.0* 289.0* | 337.0 ⁽⁴⁾ 428.0 ⁽²⁾ | 286.0* 286.0* | 333.0 ⁽³⁾ 409.0 ⁽¹⁾ | 282.0* 282.0* | 328.0 ⁽²⁾ 361.0 ⁽¹⁾ | 268.0* 270.0* | 281.0 ⁽²⁾ 283.0 ⁽²⁾ | 226.0* 227.0* | 232.0 ⁽²⁾ 234.0 ⁽²⁾ | 202.0* 203.0* | 202.0* 205.0 ⁽²⁾ | 172.0* 173.0* | 172.0* 174.0 ⁽²⁾ </ | |

HSDWB / HSDWBV

HS 177 ft



| | |
|----------------------|--|
| 661,400 - 881,850 lb | |
| 330,700 - 659,200 lb | |
| 110,000 - 328,500 lb | |



| ft | | HS 177 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|----|-----------|-----------------------|---------|----------------------|---------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 36 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 36 | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 38 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 38 | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 40 | B | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 40 | BV | 992.0 | 992.0 | | | | | | | | | | | | | | | | | | | | |
| 45 | B | 992.0* | 992.0 | 992.0 | 992.0 | 947.0 | 947.0 | | | | | | | | | | | | | | | | |
| 45 | BV | 992.0* | 992.0 | 992.0 | 992.0 | 958.0 | 958.0 | | | | | | | | | | | | | | | | |
| 50 | B | 992.0* | 992.0 | 992.0* | 992.0 | 920.0 | 939.0 ⁽¹⁾ | 828.0 | 828.0 | | | | | | | | | | | | | | |
| 50 | BV | 992.0* | 992.0 | 992.0* | 992.0 | 931.0 | 954.0 ⁽¹⁾ | 834.0 | 834.0 | | | | | | | | | | | | | | |
| 55 | B | 992.0* | 992.0 | 992.0* | 992.0 | 952.0* | 952.0 | 814.0 | 825.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 55 | BV | 992.0* | 992.0 | 992.0* | 992.0 | 971.0* | 971.0 | 820.0 | 832.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 60 | B | 992.0* | 992.0 | 976.0* | 976.0 | 926.0* | 926.0 | 836.0* | 836.0 | 644.0 | 644.0 | | | | | | | | | | | | |
| 60 | BV | 992.0* | 992.0 | 989.0* | 992.0 ⁽¹⁾ | 945.0* | 957.0 ⁽¹⁾ | 845.0* | 845.0 | 647.0 | 647.0 | | | | | | | | | | | | |
| 65 | B | 881.0* | 938.0 ⁽¹⁾ | 922.0* | 925.0 ⁽¹⁾ | 892.0* | 892.0 | 824.0* | 824.0 | 635.0 | 641.0 ⁽¹⁾ | | | | | | | | | | | | |
| 65 | BV | 881.0* | 992.0 ⁽²⁾ | 939.0* | 992.0 ⁽¹⁾ | 916.0* | 947.0 ⁽¹⁾ | 835.0* | 839.0 ⁽¹⁾ | 639.0 | 645.0 ⁽¹⁾ | | | | | | | | | | | | |
| 70 | B | 782.0* | 882.0 ⁽¹⁾ | 845.0* | 873.0 ⁽¹⁾ | 848.0* | 848.0 | 802.0* | 802.0 | 625.0 | 644.0 ⁽¹⁾ | 502.0 | 502.0 | | | | | | | | | | |
| 70 | BV | 782.0* | 992.0 ⁽³⁾ | 846.0* | 992.0 ⁽¹⁾ | 884.0* | 937.0 ⁽¹⁾ | 817.0* | 837.0 ⁽¹⁾ | 630.0 | 649.0 ⁽¹⁾ | 503.0 | 503.0 | | | | | | | | | | |
| 75 | B | 704.0* | 825.0 ⁽²⁾ | 762.0* | 821.0 ⁽¹⁾ | 800.0* | 804.0 ⁽¹⁾ | 775.0* | 775.0 | 644.0* | 644.0 | 497.0 | 500.0 ⁽¹⁾ | | | | | | | | | | |
| 75 | BV | 703.0* | 984.0 ⁽¹⁾ | 760.0* | 972.0 ⁽¹⁾ | 844.0* | 927.0 ⁽¹⁾ | 797.0* | 834.0 ⁽¹⁾ | 651.0* | 653.0 ⁽¹⁾ | 499.0 | 502.0 ⁽¹⁾ | | | | | | | | | | |
| 80 | B | 629.0* | 773.0 ⁽¹⁾ | 691.0* | 768.0 ⁽¹⁾ | 756.0* | 761.0 ⁽¹⁾ | 741.0* | 741.0 | 636.0* | 636.0 | 491.0 | 501.0 ⁽¹⁾ | 386.0 | 386.0 | | | | | | | | |
| 80 | BV | 631.0* | 943.0 ⁽¹⁾ | 691.0* | 945.0 ⁽²⁾ | 805.0* | 916.0 ⁽¹⁾ | 771.0* | 832.0 ⁽¹⁾ | 644.0* | 653.0 ⁽¹⁾ | 494.0 | 505.0 ⁽¹⁾ | 387.0 | 387.0 | | | | | | | | |
| 85 | B | | 727.0 ⁽⁴⁾ | 632.0* | 722.0 ⁽⁴⁾ | 715.0* | 719.0 ⁽¹⁾ | 703.0* | 706.0 ⁽¹⁾ | 628.0* | 628.0 | 502.0* | 502.0 | 383.0 | 384.0 ⁽¹⁾ | | | | | | | | |
| 85 | BV | | 914.0 ⁽¹⁾ | 632.0* | 899.0 ⁽²⁾ | 765.0* | 874.0 ⁽¹⁾ | 739.0* | 829.0 ⁽¹⁾ | 637.0* | 654.0 ⁽¹⁾ | 507.0* | 507.0 | 383.0 | 385.0 ⁽¹⁾ | | | | | | | | |
| 90 | B | | 686.0 ⁽⁴⁾ | 580.0* | 680.0 ⁽¹⁾ | 678.0* | 681.0 ⁽⁴⁾ | 669.0* | 672.0 ⁽¹⁾ | 617.0* | 617.0 | 498.0* | 499.0 ⁽¹⁾ | 378.0 | 382.0 ⁽¹⁾ | 289.0 | 289.0 | | | | | | |
| 90 | BV | | 867.0 ⁽¹⁾ | 579.0* | 854.0 ⁽¹⁾ | 711.0* | 833.0 ⁽¹⁾ | 703.0* | 809.0 ⁽¹⁾ | 630.0* | 654.0 ⁽¹⁾ | 503.0* | 506.0 ⁽¹⁾ | 380.0 | 384.0 ⁽¹⁾ | 290.0 | 290.0 | | | | | | |
| 95 | B | | 650.0 ⁽¹⁾ | 516.0* | 644.0 ⁽⁴⁾ | 644.0* | 646.0 ⁽⁴⁾ | 636.0* | 638.0 ⁽¹⁾ | 602.0* | 602.0 | 491.0* | 496.0 ⁽¹⁾ | 378.0* | 382.0 ⁽¹⁾ | 286.0 | 287.0 ⁽¹⁾ | 249.0 | 249.0 | | | | |
| 95 | BV | | 822.0 ⁽³⁾ | 516.0* | 809.0 ⁽¹⁾ | 659.0* | 791.0 ⁽¹⁾ | 657.0* | 774.0 ⁽¹⁾ | 615.0* | 655.0 ⁽¹⁾ | 498.0* | 506.0 ⁽¹⁾ | 381.0* | 384.0 ⁽¹⁾ | 287.0 | 288.0 ⁽¹⁾ | 249.0 | 249.0 | | | | |
| 100 | B | | 615.0 ⁽¹⁾ | 448.0* | 611.0 ⁽¹⁾ | 609.0* | 614.0 ⁽¹⁾ | 604.0* | 608.0 ⁽¹⁾ | 580.0* | 580.0 | 485.0* | 493.0 ⁽¹⁾ | 379.0* | 380.0 ⁽¹⁾ | 283.0 | 286.0 ⁽¹⁾ | 246.0 | 247.0 ⁽¹⁾ | 212.0 | 212.0 | | |
| 100 | BV | | 781.0 ⁽¹⁾ | 448.0* | 771.0 ⁽¹⁾ | 613.0* | 749.0 ⁽¹⁾ | 611.0* | 739.0 ⁽¹⁾ | 588.0* | 655.0 ⁽¹⁾ | 493.0* | 505.0 ⁽¹⁾ | 381.0* | 383.0 ⁽¹⁾ | 283.0 | 287.0 ⁽¹⁾ | 246.0 | 247.0 ⁽¹⁾ | 212.0 | 212.0 | | |
| 105 | B | | 580.0 ⁽¹⁾ | | 581.0 ⁽¹⁾ | 570.0* | 583.0 ⁽¹⁾ | 570.0* | 579.0 ⁽¹⁾ | 554.0* | 557.0 ⁽¹⁾ | 480.0* | 491.0 ⁽¹⁾ | 374.0* | 378.0 ⁽¹⁾ | 285.0* | 285.0 | 242.0 | 245.0 ⁽¹⁾ | 210.0 | 211.0 ⁽¹⁾ | 181.0 | 181.0 |
| 105 | BV | | 742.0 ⁽⁴⁾ | | 733.0 ⁽¹⁾ | 570.0* | 712.0 ⁽¹⁾ | 570.0* | 703.0 ⁽¹⁾ | 557.0* | 643.0 ⁽¹⁾ | 488.0* | 505.0 ⁽¹⁾ | 377.0* | 381.0 ⁽¹⁾ | 286.0* | 286.0 | 243.0 | 246.0 ⁽¹⁾ | 210.0 | 211.0 ⁽¹⁾ | 181.0 | 181.0 |
| 110 | B | | 547.0 ⁽¹⁰⁾ | | 553.0 ⁽¹⁾ | 533.0* | 554.0 ⁽¹⁾ | 535.0* | 552.0 ⁽¹⁾ | 522.0* | 534.0 ⁽¹⁾ | 473.0* | 488.0 ⁽¹⁾ | 371.0* | 377.0 ⁽¹⁾ | 283.0* | 283.0 | 244.0* | 244.0 | 208.0 | 210.0 ⁽¹⁾ | 179.0 | 179.0 |
| 110 | BV | | 705.0 ⁽¹⁾ | | 697.0 ⁽²⁾ | 534.0* | 683.0 ⁽¹⁾ | 535.0* | 668.0 ⁽¹⁾ | 523.0* | 622.0 ⁽¹⁾ | 481.0* | 504.0 ⁽¹⁾ | 375.0* | 380.0 ⁽¹⁾ | 284.0* | 284.0 | 240.0 | 244.0 ⁽¹⁾ | 208.0 | 210.0 ⁽¹⁾ | 179.0 | 179.0 |
| 115 | B | | 519.0 ⁽¹⁾ | | 525.0 ⁽¹⁾ | 488.0* | 526.0 ⁽¹⁾ | 502.0* | 525.0 ⁽¹⁾ | 491.0* | 511.0 ⁽¹⁾ | 463.0* | 485.0 ⁽¹⁾ | 368.0* | 375.0 ⁽¹⁾ | 281.0* | 282.0 ⁽¹⁾ | 242.0* | 242.0 | 209.0* | 209.0 | 177.0 | 178.0 ⁽¹⁾ |
| 115 | BV | | 670.0 ⁽¹⁾ | | 665.0 ⁽¹⁾ | 491.0* | 653.0 ⁽¹⁾ | 503.0* | 640.0 ⁽¹⁾ | 492.0* | 600.0 ⁽¹⁾ | 469.0* | 504.0 ⁽¹⁾ | 372.0* | 379.0 ⁽¹⁾ | 283.0* | 283.0 | 243.0* | 243.0 | 209.0* | 209.0 | 177.0 | 179.0 ⁽¹⁾ |
| 120 | B | | 494.0 ⁽¹⁾ | | 499.0 ⁽¹⁾ | 414.0* | 502.0 ⁽¹⁾ | 472.0* | 500.0 ⁽¹⁾ | 464.0* | 488.0 ⁽¹⁾ | 448.0* | 472.0 ⁽¹⁾ | 365.0* | 373.0 ⁽¹⁾ | 279.0* | 280.0 ⁽¹⁾ | 240.0* | 240.0 | 208.0* | 208.0 | 178.0* | 178.0 |
| 120 | BV | | 638.0 ⁽⁴⁾ | | 635.0 ⁽¹⁾ | 414.0* | 624.0 ⁽¹⁾ | 474.0* | 615.0 ⁽¹⁾ | 464.0* | 579.0 ⁽¹⁾ | 451.0* | 498.0 ⁽¹⁾ | 369.0* | 377.0 ⁽¹⁾ | 281.0* | 282.0 ⁽¹⁾ | 240.0* | 241.0 ⁽¹⁾ | 208.0* | 208.0 | 178.0* | 178.0 |
| 125 | B | | 468.0 ⁽¹⁾ | | 473.0 ⁽¹⁾ | | 478.0 ⁽¹⁾ | 446.0* | 477.0 ⁽¹⁾ | 439.0* | 465.0 ⁽¹⁾ | 430.0* | 453.0 ⁽¹⁾ | 362.0* | 372.0 ⁽¹⁾ | 277.0* | 279.0 ⁽¹⁾ | 237.0* | 238.0 ⁽¹⁾ | 206.0* | 206.0 | 177.0* | 177.0 |
| 125 | BV | | 611.0 ⁽¹⁾ | | 607.0 ⁽¹⁾ | | 597.0 ⁽¹⁾ | 447.0* | 591.0 ⁽¹⁾ | 439.0* | 558.0 ⁽¹⁾ | 431.0* | 490.0 ⁽¹⁾ | 366.0* | 376.0 ⁽¹⁾ | 279.0* | 281.0 ⁽¹⁾ | 238.0* | 239.0 ⁽¹⁾ | 207.0* | 207.0 | 177.0* | 177.0 |
| 130 | B | | 444.0 ⁽¹⁾ | | 454.0 ⁽¹⁾ | | 459.0 ⁽¹⁾ | 421.0* | 456.0 ⁽¹⁾ | 415.0* | 447.0 ⁽¹⁾ | 408.0* | 434.0 ⁽¹⁾ | 359.0* | 370.0 ⁽¹⁾ | 276.0* | 278.0 ⁽¹⁾ | 235.0* | 237.0 ⁽¹⁾ | 205.0* | 205.0 | 176.0* | 176.0 |
| 130 | BV | | 586.0 ⁽¹⁾ | | 581.0 ⁽¹⁾ | | 571.0 ⁽¹⁾ | 422.0* | 566.0 ⁽¹⁾ | 416.0* | 449.0 ⁽¹⁾ | 409.0* | 482.0 ⁽¹⁾ | 362.0* | 375.0 ⁽¹⁾ | 277.0* | 280.0 ⁽¹⁾ | 236.0* | 238.0 ⁽¹⁾ | 205.0* | 206.0 ⁽¹⁾ | 176.0* | 176.0 |
| 135 | B | | 423.0 ⁽¹⁾ | | 435.0 ⁽¹⁾ | | 441.0 ⁽¹⁾ | 393.0* | 438.0 ⁽¹⁾ | 394.0* | 428.0 ⁽¹⁾ | 388.0* | 420.0 ⁽¹⁾ | 356.0* | 364.0 ⁽¹⁾ | 274.0* | 276.0 ⁽¹⁾ | 232.0* | 235.0 ⁽¹⁾ | 204.0* | 204.0 | 174.0* | 174.0 |
| 135 | BV | | 559.0 ⁽¹⁾ | | 557.0 ⁽¹⁾ | | 547.0 ⁽¹⁾ | 394.0* | 542.0 ⁽¹⁾ | 395.0* | 519.0 ⁽¹⁾ | 389.0* | 474.0 ⁽¹⁾ | 358.0* | 373.0 ⁽¹⁾ | 276.0* | 278.0 ⁽¹⁾ | 233.0* | 236.0 ⁽¹⁾ | 204.0* | 204.0 | 175.0* | 175.0 |
| 140 | B | | 402.0 ⁽¹⁾ | | 415.0 ⁽¹⁾ | | 421.0 ⁽¹⁾ | 326.0* | 422.0 ⁽¹⁾ | 374.0* | 411.0 ⁽¹⁾ | 369.0* | 404.0 ⁽¹⁾ | 351.0* | 362.0 ⁽¹⁾ | 272.0* | 275.0 ⁽¹⁾ | 230.0* | 233.0 ⁽¹⁾ | 202.0* | 202.0 | 173.0* | 173.0 |
| 140 | BV | | 532.0 ⁽¹⁾ | | 535.0 ⁽¹⁾ | | 525.0 ⁽¹⁾ | 326.0* | 521.0 ⁽¹⁾ | 375.0* | 502.0 ⁽¹⁾ | 370.0* | 466.0 ⁽¹⁾ | 352.0* | 371.0 ⁽¹⁾ | 274.0* | 277.0 ⁽¹⁾ | 231.0* | 234.0 ⁽¹⁾ | 203.0* | 203.0 | 173.0* | 174.0 ⁽¹⁾ |
| 145 | B | | 383.0 ⁽¹⁾ | | 395.0 ⁽¹⁾ | | 402.0 ⁽¹⁾ | | 405.0 ⁽¹⁾ | 357.0* | 394.0 ⁽¹⁾ | 352.0* | 389.0 ⁽¹⁾ | 343.0* | 361.0 ⁽¹⁾ | 270.0* | 274.0 ⁽¹⁾ | 227.0* | 231.0 ⁽¹⁾ | 200.0* | 201.0 ⁽¹⁾ | 172.0* | 172.0 |
| 145 | BV | | 507.0 ⁽¹⁾ | | 513.0 ⁽¹⁾ | | 505.0 ⁽¹⁾ | | 502.0 ⁽¹⁾ | 357.0* | 484.0 ⁽¹⁾ | 352.0* | 458.0 ⁽¹⁾ | 343.0* | 368.0 ⁽¹⁾ | 272.0* | 276.0 ⁽¹⁾ | 229.0* | 232.0 ⁽¹⁾ | 201.0* | 202.0 ⁽¹⁾ | 172.0* | 172.0 |
| 150 | B | | 366.0 ⁽¹⁾ | | 377.0 ⁽¹⁾ | | 382.0 ⁽¹⁾ | | 390.0 ⁽¹⁾ | 340.0* | 380.0 ⁽¹⁾ | 335.0* | 375.0 ⁽¹⁾ | 329.0* | 360.0 ⁽¹⁾ | 268.0* | 272.0 ⁽¹⁾ | 225.0* | 229.0 ⁽¹⁾ | 199.0* | 200.0 ⁽¹⁾ | 170.0* | 171.0 ⁽¹⁾ |
| 150 | BV | | 485.0 ⁽¹⁾ | | 492.0 ⁽¹⁾ | | 486.0 ⁽¹⁾ | | 483.0 ⁽¹⁾ | 341.0* | 466.0 ⁽¹⁾ | 336.0* | 448.0 ⁽¹⁾ | 329.0* | 366.0 ⁽¹⁾ | 271.0* | 275.0 ⁽¹⁾ | 226.0* | 231.0 ⁽¹⁾ | 200.0* | 201.0 ⁽¹⁾ | 171.0* | 171.0 |
| 155 | B | | 349.0 ⁽¹⁾ | | 360.0 ⁽¹⁾ | | 366.0 ⁽¹⁾ | | 374.0 ⁽¹⁾ | 325.0* | 365.0 ⁽¹⁾ | 321.0* | 361.0 ⁽¹⁾ | 314.0* | 348.0 ⁽¹⁾ | 266.0* | 272.0 ⁽¹⁾ | 224.0* | 227.0 ⁽¹⁾ | 198.0* | 199.0 ⁽¹⁾ | 169.0* | 170.0 |

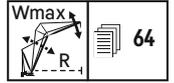
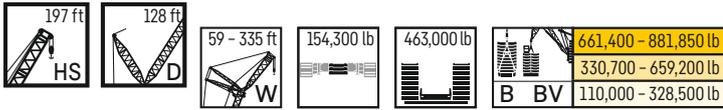
177 ft HS
128 ft D
59 - 335 ft W
154,300 lb
463,000 lb
B BV
661,400 - 881,850 lb
330,700 - 659,200 lb
110,000 - 328,500 lb

Wmax
R
64

| ft | ft | HS 177 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|----|-----------|----------------------|---------|----------------------|---------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 185 | B | | 268.0 ⁽⁴⁾ | | 277.0 ⁽⁹⁾ | | 279.0 ⁽¹⁰⁾ | | 291.0 ⁽¹¹⁾ | | 291.0 ⁽⁸⁾ | 250.0* | 289.0 ⁽⁵⁾ | 245.0* | 283.0 ⁽³⁾ | 239.0* | 258.0 ⁽³⁾ | 208.0* | 218.0 ⁽²⁾ | 189.0* | 193.0 ⁽²⁾ | 162.0* | 164.0 ⁽²⁾ |
| | BV | | 346.0 ⁽⁷⁾ | | 365.0 ⁽⁹⁾ | | 370.0 ⁽¹⁰⁾ | | 379.0 ⁽¹⁰⁾ | | 366.0 ⁽⁴⁾ | 251.0* | 357.0 ⁽¹⁾ | 245.0* | 335.0 ⁽¹⁾ | 239.0* | 266.0 ⁽²⁾ | 210.0* | 220.0 ⁽²⁾ | 191.0* | 195.0 ⁽²⁾ | 163.0* | 165.0 ⁽²⁾ |
| 190 | B | | 257.0 ⁽⁴⁾ | | 265.0 ⁽⁸⁾ | | 268.0 ⁽¹⁰⁾ | | 279.0 ⁽¹¹⁾ | | 281.0 ⁽¹⁰⁾ | 244.0* | 278.0 ⁽⁵⁾ | 236.0* | 273.0 ⁽³⁾ | 230.0* | 255.0 ⁽³⁾ | 205.0* | 216.0 ⁽²⁾ | 188.0* | 192.0 ⁽²⁾ | 161.0* | 163.0 ⁽²⁾ |
| | BV | | 329.0 ⁽⁴⁾ | | 348.0 ⁽⁸⁾ | | 355.0 ⁽¹⁰⁾ | | 365.0 ⁽¹⁰⁾ | | 355.0 ⁽⁴⁾ | 244.0* | 347.0 ⁽²⁾ | 236.0* | 329.0 ⁽¹⁾ | 230.0* | 264.0 ⁽²⁾ | 207.0* | 218.0 ⁽²⁾ | 189.0* | 194.0 ⁽²⁾ | 161.0* | 164.0 ⁽²⁾ |
| 195 | B | | | | 254.0 ⁽⁸⁾ | | 256.0 ⁽¹⁰⁾ | | 268.0 ⁽¹¹⁾ | | 272.0 ⁽¹⁰⁾ | 237.0* | 268.0 ⁽⁵⁾ | 228.0* | 262.0 ⁽³⁾ | 222.0* | 249.0 ⁽³⁾ | 203.0* | 214.0 ⁽²⁾ | 187.0* | 191.0 ⁽²⁾ | 159.0* | 162.0 ⁽²⁾ |
| | BV | | | | 332.0 ⁽⁸⁾ | | 340.0 ⁽¹⁰⁾ | | 352.0 ⁽¹⁰⁾ | | 343.0 ⁽⁴⁾ | 237.0* | 336.0 ⁽²⁾ | 227.0* | 323.0 ⁽¹⁾ | 222.0* | 262.0 ⁽²⁾ | 205.0* | 216.0 ⁽²⁾ | 188.0* | 192.0 ⁽²⁾ | 160.0* | 163.0 ⁽²⁾ |
| 200 | B | | | | 244.0 ⁽⁸⁾ | | 245.0 ⁽⁹⁾ | | 257.0 ⁽¹¹⁾ | | 263.0 ⁽¹⁰⁾ | 228.0* | 259.0 ⁽⁶⁾ | 219.0* | 253.0 ⁽⁴⁾ | 214.0* | 243.0 ⁽³⁾ | 201.0* | 213.0 ⁽³⁾ | 185.0* | 190.0 ⁽³⁾ | 158.0* | 161.0 ⁽²⁾ |
| | BV | | | | 316.0 ⁽⁸⁾ | | 325.0 ⁽⁹⁾ | | 339.0 ⁽¹¹⁾ | | 333.0 ⁽⁵⁾ | 228.0* | 326.0 ⁽²⁾ | 219.0* | 315.0 ⁽¹⁾ | 214.0* | 259.0 ⁽²⁾ | 202.0* | 215.0 ⁽³⁾ | 187.0* | 192.0 ⁽³⁾ | 159.0* | 162.0 ⁽²⁾ |
| 210 | B | | | | 224.0 ⁽⁷⁾ | | 225.0 ⁽⁸⁾ | | 236.0 ⁽¹⁰⁾ | | 246.0 ⁽¹¹⁾ | 197.0* | 242.0 ⁽⁴⁾ | 204.0* | 237.0 ⁽⁴⁾ | 199.0* | 230.0 ⁽²⁾ | 194.0* | 209.0 ⁽²⁾ | 183.0* | 189.0 ⁽³⁾ | 156.0* | 159.0 ⁽³⁾ |
| | BV | | | | 286.0 ⁽⁷⁾ | | 296.0 ⁽⁸⁾ | | 313.0 ⁽¹⁰⁾ | | 311.0 ⁽⁵⁾ | 197.0* | 304.0 ⁽²⁾ | 204.0* | 296.0 ⁽¹⁾ | 199.0* | 252.0 ⁽²⁾ | 196.0* | 211.0 ⁽³⁾ | 184.0* | 191.0 ⁽³⁾ | 157.0* | 160.0 ⁽³⁾ |
| 220 | B | | | | | | 206.0 ⁽⁸⁾ | | 216.0 ⁽⁹⁾ | | 230.0 ⁽¹¹⁾ | | 228.0 ⁽⁷⁾ | 191.0* | 222.0 ⁽⁴⁾ | 186.0* | 217.0 ⁽³⁾ | 184.0* | 203.0 ⁽³⁾ | 179.0* | 186.0 ⁽³⁾ | 153.0* | 158.0 ⁽³⁾ |
| | BV | | | | | | 269.0 ⁽⁸⁾ | | 287.0 ⁽⁹⁾ | | 291.0 ⁽⁶⁾ | | 286.0 ⁽³⁾ | 191.0* | 278.0 ⁽¹⁾ | 186.0* | 245.0 ⁽¹⁾ | 184.0* | 207.0 ⁽³⁾ | 180.0* | 188.0 ⁽³⁾ | 154.0* | 159.0 ⁽³⁾ |
| 230 | B | | | | | | 189.0 ⁽⁷⁾ | | 198.0 ⁽⁸⁾ | | 213.0 ⁽¹¹⁾ | | 215.0 ⁽⁸⁾ | 178.0* | 210.0 ⁽³⁾ | 174.0* | 205.0 ⁽³⁾ | 173.0* | 198.0 ⁽³⁾ | 169.0* | 182.0 ⁽³⁾ | 150.0* | 156.0 ⁽³⁾ |
| | BV | | | | | | 242.0 ⁽⁷⁾ | | 262.0 ⁽⁸⁾ | | 274.0 ⁽⁷⁾ | | 269.0 ⁽³⁾ | 178.0* | 259.0 ⁽¹⁾ | 174.0* | 237.0 ⁽¹⁾ | 173.0* | 204.0 ⁽³⁾ | 185.0 ⁽³⁾ | 185.0 ⁽³⁾ | 152.0* | 157.0 ⁽³⁾ |
| 240 | B | | | | | | | | 181.0 ⁽⁸⁾ | | 196.0 ⁽¹¹⁾ | | 203.0 ⁽⁹⁾ | 165.0* | 197.0 ⁽³⁾ | 163.0* | 193.0 ⁽⁴⁾ | 161.0* | 190.0 ⁽³⁾ | 158.0* | 179.0 ⁽³⁾ | 147.0* | 153.0 ⁽³⁾ |
| | BV | | | | | | | | 238.0 ⁽⁷⁾ | | 260.0 ⁽¹⁰⁾ | | 255.0 ⁽⁴⁾ | 165.0* | 246.0 ⁽²⁾ | 163.0* | 230.0 ⁽¹⁾ | 162.0* | 199.0 ⁽³⁾ | 158.0* | 183.0 ⁽³⁾ | 148.0* | 155.0 ⁽³⁾ |
| 250 | B | | | | | | | | 166.0 ⁽⁷⁾ | | 179.0 ⁽¹⁰⁾ | | 192.0 ⁽¹⁰⁾ | 145.0* | 187.0 ⁽⁴⁾ | 153.0* | 182.0 ⁽⁴⁾ | 152.0* | 180.0 ⁽⁴⁾ | 148.0* | 174.0 ⁽³⁾ | 144.0* | 151.0 ⁽⁴⁾ |
| | BV | | | | | | | | 215.0 ⁽⁷⁾ | | 241.0 ⁽¹⁰⁾ | | 241.0 ⁽⁵⁾ | 145.0* | 232.0 ⁽²⁾ | 152.0* | 222.0 ⁽¹⁾ | 151.0* | 194.0 ⁽²⁾ | 148.0* | 179.0 ⁽³⁾ | 144.0* | 152.0 ⁽³⁾ |
| 260 | B | | | | | | | | 164.0 ⁽⁹⁾ | | 181.0 ⁽¹¹⁾ | | 181.0 ⁽¹¹⁾ | | | 143.0* | 173.0 ⁽³⁾ | 142.0* | 171.0 ⁽³⁾ | 139.0* | 165.0 ⁽³⁾ | 135.0* | 149.0 ⁽³⁾ |
| | BV | | | | | | | | 221.0 ⁽⁹⁾ | | 227.0 ⁽⁵⁾ | | 221.0 ⁽³⁾ | | | 143.0* | 211.0 ⁽¹⁾ | 142.0* | 189.0 ⁽²⁾ | 139.0* | 174.0 ⁽³⁾ | 135.0* | 150.0 ⁽³⁾ |
| 270 | B | | | | | | | | 149.0 ⁽⁸⁾ | | 169.0 ⁽¹¹⁾ | | 168.0 ⁽⁸⁾ | 134.0* | 163.0 ⁽⁵⁾ | 133.0* | 161.0 ⁽⁴⁾ | 131.0* | 159.0 ⁽⁴⁾ | 131.0* | 159.0 ⁽⁴⁾ | 127.0* | 146.0 ⁽⁴⁾ |
| | BV | | | | | | | | 202.0 ⁽⁸⁾ | | 213.0 ⁽⁶⁾ | | 208.0 ⁽³⁾ | 134.0* | 199.0 ⁽²⁾ | 134.0* | 184.0 ⁽²⁾ | 131.0* | 184.0 ⁽²⁾ | 131.0* | 169.0 ⁽²⁾ | 127.0* | 148.0 ⁽³⁾ |
| 280 | B | | | | | | | | 137.0 ⁽⁸⁾ | | 154.0 ⁽¹⁰⁾ | | 159.0 ⁽⁹⁾ | 125.0* | 154.0 ⁽⁶⁾ | 125.0* | 153.0 ⁽⁵⁾ | 123.0* | 153.0 ⁽⁵⁾ | 123.0* | 150.0 ⁽⁴⁾ | 119.0* | 144.0 ⁽⁴⁾ |
| | BV | | | | | | | | 183.0 ⁽⁸⁾ | | 201.0 ⁽⁷⁾ | | 195.0 ⁽⁴⁾ | 125.0* | 189.0 ⁽²⁾ | 126.0* | 179.0 ⁽²⁾ | 123.0* | 165.0 ⁽²⁾ | 122.0* | 165.0 ⁽²⁾ | 119.0* | 146.0 ⁽³⁾ |
| 290 | B | | | | | | | | 125.0 ⁽⁷⁾ | | 142.0 ⁽¹⁰⁾ | | 150.0 ⁽¹⁰⁾ | 108.0* | 146.0 ⁽⁶⁾ | 108.0* | 144.0 ⁽⁵⁾ | 118.0* | 144.0 ⁽⁵⁾ | 115.0* | 141.0 ⁽⁴⁾ | 112.0* | 137.0 ⁽⁴⁾ |
| | BV | | | | | | | | 164.0 ⁽⁷⁾ | | 191.0 ⁽⁸⁾ | | 185.0 ⁽⁴⁾ | 108.0* | 179.0 ⁽²⁾ | 118.0* | 173.0 ⁽²⁾ | 116.0* | 161.0 ⁽²⁾ | 116.0* | 161.0 ⁽²⁾ | 112.0* | 143.0 ⁽³⁾ |
| 300 | B | | | | | | | | | | 129.0 ⁽⁹⁾ | | 142.0 ⁽¹⁰⁾ | | 138.0 ⁽⁷⁾ | 109.0* | 136.0 ⁽⁶⁾ | 109.0* | 133.0 ⁽⁵⁾ | 109.0* | 133.0 ⁽⁵⁾ | 105.0* | 130.0 ⁽⁴⁾ |
| | BV | | | | | | | | | | 177.0 ⁽⁹⁾ | | 175.0 ⁽⁵⁾ | | 168.0 ⁽²⁾ | 109.0* | 165.0 ⁽²⁾ | 109.0* | 165.0 ⁽²⁾ | 109.0* | 156.0 ⁽²⁾ | 105.0* | 140.0 ⁽³⁾ |
| 310 | B | | | | | | | | | | 117.0 ⁽⁸⁾ | | 133.0 ⁽¹¹⁾ | | 130.0 ⁽⁷⁾ | 94.7* | 129.0 ⁽⁶⁾ | 102.0* | 126.0 ⁽⁵⁾ | 98.8* | 122.0 ⁽⁴⁾ | 98.8* | 122.0 ⁽⁴⁾ |
| | BV | | | | | | | | | | 161.0 ⁽⁸⁾ | | 167.0 ⁽⁵⁾ | | 160.0 ⁽³⁾ | 94.7* | 158.0 ⁽²⁾ | 102.0* | 151.0 ⁽²⁾ | 99.2* | 136.0 ⁽³⁾ | 99.2* | 136.0 ⁽³⁾ |
| 320 | B | | | | | | | | | | 122.0 ⁽⁷⁾ | | 124.0 ⁽¹⁰⁾ | | 122.0 ⁽⁸⁾ | 93.6* | 122.0 ⁽⁶⁾ | 93.6* | 116.0 ⁽⁵⁾ | 93.6* | 116.0 ⁽⁵⁾ | 92.7* | 116.0 ⁽⁵⁾ |
| | BV | | | | | | | | | | 145.0 ⁽⁷⁾ | | 159.0 ⁽⁷⁾ | | 152.0 ⁽³⁾ | 93.6* | 150.0 ⁽²⁾ | 93.6* | 145.0 ⁽²⁾ | 93.2* | 145.0 ⁽²⁾ | 93.2* | 132.0 ⁽³⁾ |
| 330 | B | | | | | | | | | | 97.7 ⁽⁷⁾ | | 111.0 ⁽¹⁰⁾ | | 118.0 ⁽⁹⁾ | | 116.0 ⁽⁷⁾ | 80.3* | 113.0 ⁽⁶⁾ | 86.5* | 110.0 ⁽⁵⁾ | 86.5* | 110.0 ⁽⁵⁾ |
| | BV | | | | | | | | | | 131.0 ⁽⁷⁾ | | 152.0 ⁽⁸⁾ | | 146.0 ⁽⁴⁾ | | 144.0 ⁽³⁾ | 80.6* | 139.0 ⁽²⁾ | 86.8* | 139.0 ⁽²⁾ | 86.8* | 127.0 ⁽³⁾ |
| 340 | B | | | | | | | | | | | | 101.0 ⁽⁹⁾ | | 113.0 ⁽¹⁰⁾ | | 111.0 ⁽⁸⁾ | | 107.0 ⁽⁷⁾ | 78.9* | 103.0 ⁽⁴⁾ | 78.9* | 103.0 ⁽⁴⁾ |
| | BV | | | | | | | | | | | | 141.0 ⁽⁹⁾ | | 138.0 ⁽⁵⁾ | | 136.0 ⁽³⁾ | | 124.0 ⁽²⁾ | 79.2* | 124.0 ⁽²⁾ | 79.2* | 124.0 ⁽²⁾ |
| 350 | B | | | | | | | | | | | | 91.3 ⁽⁸⁾ | | 105.0 ⁽¹¹⁾ | | 106.0 ⁽⁹⁾ | | 102.0 ⁽⁷⁾ | 66.8* | 98.9 ⁽⁶⁾ | 66.8* | 98.9 ⁽⁶⁾ |
| | BV | | | | | | | | | | | | 128.0 ⁽⁸⁾ | | 131.0 ⁽⁵⁾ | | 130.0 ⁽⁴⁾ | | 126.0 ⁽³⁾ | 67.0* | 119.0 ⁽²⁾ | 67.0* | 119.0 ⁽²⁾ |
| 360 | B | | | | | | | | | | | | 82.2 ⁽⁷⁾ | | 95.2 ⁽¹⁰⁾ | | 100.0 ⁽¹⁰⁾ | | 98.0 ⁽⁸⁾ | | 93.4 ⁽⁷⁾ | 93.4 ⁽⁷⁾ | 93.4 ⁽⁷⁾ |
| | BV | | | | | | | | | | | | 115.0 ⁽⁷⁾ | | 124.0 ⁽⁶⁾ | | 122.0 ⁽⁵⁾ | | 119.0 ⁽³⁾ | | 114.0 ⁽³⁾ | 114.0 ⁽³⁾ | 114.0 ⁽³⁾ |
| 370 | B | | | | | | | | | | | | 74.4 ⁽⁷⁾ | | 86.7 ⁽¹⁰⁾ | | 92.8 ⁽¹¹⁾ | | 93.6 ⁽⁹⁾ | | 88.8 ⁽⁷⁾ | 88.8 ⁽⁷⁾ | 88.8 ⁽⁷⁾ |
| | BV | | | | | | | | | | | | 102.0 ⁽⁷⁾ | | 117.0 ⁽⁷⁾ | | 115.0 ⁽⁶⁾ | | 112.0 ⁽⁴⁾ | | 109.0 ⁽³⁾ | 109.0 ⁽³⁾ | 109.0 ⁽³⁾ |
| 380 | B | | | | | | | | | | | | | | 78.0 ⁽⁹⁾ | | 84.4 ⁽¹⁰⁾ | | 87.0 ⁽¹⁰⁾ | | 84.7 ⁽⁸⁾ | 84.7 ⁽⁸⁾ | 84.7 ⁽⁸⁾ |
| | BV | | | | | | | | | | | | | | 110.0 ⁽⁹⁾ | | 109.0 ⁽⁶⁾ | | 106.0 ⁽⁵⁾ | | 102.0 ⁽⁴⁾ | 102.0 ⁽⁴⁾ | 102.0 ⁽⁴⁾ |
| 390 | B | | | | | | | | | | | | | | 69.6 ⁽⁸⁾ | | 76.6 ⁽¹⁰⁾ | | 80.5 ⁽¹¹⁾ | | 79.5 ⁽⁹⁾ | 79.5 ⁽⁹⁾ | 79.5 ⁽⁹⁾ |
| | BV | | | | | | | | | | | | | | 101.0 ⁽⁸⁾ | | 103.0 ⁽⁷⁾ | | 100.0 ⁽⁵⁾ | | 96.8 ⁽⁴⁾ | 96.8 ⁽⁴⁾ | 96.8 ⁽⁴⁾ |
| 400 | B | | | | | | | | | | | | | | 61.7 ⁽⁷⁾ | | 68.2 ⁽⁹⁾ | | 73.6 ⁽¹⁰⁾ | | 74.1 ⁽¹⁰⁾ | 74.1 ⁽¹⁰⁾ | 74.1 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | 89.2 ⁽⁷⁾ | | 98.0 ⁽⁸⁾ | | 95.1 ⁽⁶⁾ | | 91.3 ⁽⁵⁾ | 91.3 ⁽⁵⁾ | 91.3 ⁽⁵⁾ |
| 410 | B | | | | | | | | | | | | | | | | 60.2 ⁽⁸⁾ | | 66.5 ⁽¹⁰⁾ | | 69.1 ⁽¹⁰⁾ | 69.1 ⁽¹⁰⁾ | 69.1 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | | | 90.0 ⁽⁸⁾ | | 90.3 ⁽⁶⁾ | | 86.7 ⁽⁵⁾ | 86.7 ⁽⁵⁾ | 86.7 ⁽⁵⁾ |
| 420 | B | | | | | | | | | | | | | | | | 52.7 ⁽⁷⁾ | | 58.6 ⁽⁹⁾ | | 63.2 ⁽¹⁰⁾ | 63.2 ⁽¹⁰⁾ | 63.2 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | | | 78.7 ⁽⁷⁾ | | 85.9 ⁽⁸⁾ | | 82.0 ⁽⁵⁾ | 82.0 ⁽⁵⁾ | 82.0 ⁽⁵⁾ |
| 430 | B | | | | | | | | | | | | | | | | | 51.2 ⁽⁸⁾ | | 56.4 ⁽¹⁰⁾ | | 56.4 ⁽¹⁰⁾ | 56.4 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | | | | 78.6 ⁽⁸⁾ | | 78.5 ⁽⁶⁾ | | 78.5 ⁽⁶⁾ | 78.5 ⁽⁶⁾ |
| 440 | B | | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

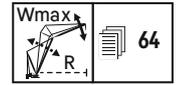
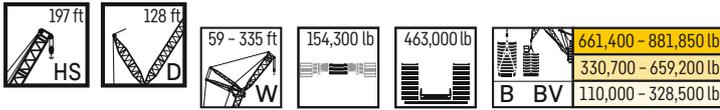
HS 197 ft



| ft | HS | HS 197 ft | | | | | | | | | | | | | | | | | | | | | | |
|-----|---------|------------------|--|------------------|--|------------------|--|------------------|---|------------------|--|------------------|--|------------------|--|------------------|--|------------------|--|------------------|--|--------------------------------|--|--|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 38 | B BV | 975.0 981.0 | 975.0 981.0 | | | | | | | | | | | | | | | | | | | | | |
| 40 | B BV | 992.0 992.0 | 992.0 992.0 | | | | | | | | | | | | | | | | | | | | | |
| 45 | B BV | 992.0 992.0 | 992.0 992.0 | 936.0 949.0 | 950.0 ⁽¹⁾ 966.0 ⁽²⁾ | | | | | | | | | | | | | | | | | | | |
| 50 | B BV | 992.0* 992.0* | 992.0 992.0 | 897.0 913.0 | 950.0 ⁽¹⁾ 970.0 ⁽²⁾ | 845.0 862.0 | 856.0 ⁽¹⁾ 875.0 ⁽²⁾ | | | | | | | | | | | | | | | | | |
| 55 | B BV | 992.0* 992.0* | 992.0 992.0 | 933.0* 954.0* | 940.0 ⁽¹⁾ 968.0 ⁽²⁾ | 815.0 834.0 | 858.0 ⁽¹⁾ 880.0 ⁽²⁾ | 750.0 763.0 | 758.0 ⁽¹⁾ 772.0 ⁽²⁾ | | | | | | | | | | | | | | | |
| 60 | B BV | 971.0* 992.0* | 971.0 992.0 | 900.0* 921.0* | 920.0 ⁽¹⁾ 962.0 ⁽²⁾ | 851.0* 874.0* | 853.0 ⁽¹⁾ 882.0 ⁽²⁾ | 730.0 743.0 | 761.0 ⁽¹⁾ 778.0 ⁽²⁾ | 601.0 606.0 | 601.0 606.0 | | | | | | | | | | | | | |
| 65 | B BV | 909.0* 915.0* | 963.0 ⁽¹⁾ 992.0 ⁽²⁾ | 866.0* 888.0* | 900.0 ⁽¹⁾ 956.0 ⁽²⁾ | 827.0* 850.0* | 836.0 ⁽¹⁾ 876.0 ⁽²⁾ | 760.0* 778.0* | 761.0 ⁽¹⁾ 782.0 ⁽²⁾ | 593.0 599.0 | 597.0 ⁽¹⁾ 603.0 ⁽²⁾ | | | | | | | | | | | | | |
| 70 | B BV | 811.0* 811.0* | 942.0 ⁽¹⁾ 992.0 ⁽²⁾ | 829.0* 852.0* | 880.0 ⁽¹⁾ 949.0 ⁽²⁾ | 800.0* 823.0* | 819.0 ⁽¹⁾ 871.0 ⁽²⁾ | 740.0* 759.0* | 750.0 ⁽¹⁾ 781.0 ⁽²⁾ | 584.0 591.0 | 598.0 ⁽¹⁾ 607.0 ⁽²⁾ | 471.0 473.0 | 471.0 473.0 | | | | | | | | | | | |
| 75 | B BV | 726.0* 725.0* | 889.0 ⁽¹⁾ 977.0 ⁽²⁾ | 777.0* 784.0* | 861.0 ⁽¹⁾ 943.0 ⁽²⁾ | 765.0* 792.0* | 802.0 ⁽¹⁾ 866.0 ⁽²⁾ | 721.0* 740.0* | 739.0 ⁽¹⁾ 780.0 ⁽²⁾ | 601.0 582.0 | 601.0 611.0 ⁽¹⁾ | 465.0 469.0 | 467.0 ⁽¹⁾ 471.0 ⁽²⁾ | | | | | | | | | | | |
| 80 | B BV | 656.0* 656.0* | 836.0 ⁽²⁾ 950.0 ⁽³⁾ | 711.0* 711.0* | 821.0 ⁽¹⁾ 910.0 ⁽²⁾ | 730.0* 757.0* | 785.0 ⁽¹⁾ 860.0 ⁽²⁾ | 697.0* 719.0* | 728.0 ⁽¹⁾ 780.0 ⁽²⁾ | 595.0* 605.0* | 598.0 ⁽¹⁾ 611.0 ⁽²⁾ | 460.0 465.0 | 468.0 ⁽¹⁾ 474.0 ⁽²⁾ | 365.0 367.0 | 365.0 367.0 | | | | | | | | | |
| 85 | B BV | | 789.0 ⁽³⁾ 902.0 ⁽³⁾ | 648.0* 649.0* | 777.0 ⁽²⁾ 876.0 ⁽²⁾ | 696.0* 724.0* | 762.0 ⁽¹⁾ 845.0 ⁽¹⁾ | 669.0* 694.0* | 717.0 ⁽¹⁾ 779.0 ⁽²⁾ | 586.0* 598.0* | 595.0 ⁽¹⁾ 612.0 ⁽²⁾ | 460.0 460.0 | 469.0 ⁽¹⁾ 476.0 ⁽²⁾ | 362.0 364.0 | 362.0 365.0 ⁽¹⁾ | | | | | | | | | |
| 90 | B BV | | 745.0 ⁽³⁾ 855.0 ⁽³⁾ | 595.0* 596.0* | 736.0 ⁽²⁾ 835.0 ⁽²⁾ | 664.0* 693.0* | 724.0 ⁽¹⁾ 814.0 ⁽²⁾ | 638.0* 667.0* | 706.0 ⁽¹⁾ 778.0 ⁽²⁾ | 574.0* 589.0* | 592.0 ⁽¹⁾ 612.0 ⁽²⁾ | 467.0* 475.0* | 468.0 ⁽¹⁾ 477.0 ⁽²⁾ | 358.0 361.0 | 361.0 ⁽¹⁾ 365.0 ⁽¹⁾ | 276.0 277.0 | 276.0 277.0 | | | | | | | |
| 95 | B BV | | 706.0 ⁽⁴⁾ 809.0 ⁽⁴⁾ | 537.0* 537.0* | 698.0 ⁽³⁾ 796.0 ⁽³⁾ | 632.0* 664.0* | 688.0 ⁽²⁾ 783.0 ⁽²⁾ | 608.0* 639.0* | 677.0 ⁽¹⁾ 753.0 ⁽¹⁾ | 588.0* 576.0* | 590.0 ⁽¹⁾ 613.0 ⁽¹⁾ | 460.0* 470.0* | 466.0 ⁽¹⁾ 476.0 ⁽²⁾ | 353.0 357.0 | 361.0 ⁽¹⁾ 365.0 ⁽¹⁾ | 273.0 275.0 | 274.0 ⁽¹⁾ 275.0 | 239.0 239.0 | 239.0 239.0 | | | | | |
| 100 | B BV | | 670.0 ⁽⁷⁾ 764.0 ⁽³⁾ | 480.0* 481.0* | 663.0 ⁽⁴⁾ 757.0 ⁽³⁾ | 602.0* 630.0* | 654.0 ⁽²⁾ 753.0 ⁽³⁾ | 580.0* 612.0* | 646.0 ⁽¹⁾ 734.0 ⁽²⁾ | 540.0* 561.0* | 587.0 ⁽¹⁾ 613.0 ⁽¹⁾ | 454.0* 465.0* | 465.0 ⁽¹⁾ 476.0 ⁽²⁾ | 359.0* 364.0* | 360.0 ⁽¹⁾ 365.0 ⁽¹⁾ | 270.0 272.0 | 273.0 ⁽¹⁾ 274.0 ⁽¹⁾ | 235.0 236.0 | 236.0 ⁽¹⁾ 237.0 ⁽¹⁾ | 204.0 204.0 | 204.0 204.0 | | | |
| 105 | B BV | | 633.0 ⁽⁷⁾ 726.0 ⁽³⁾ | | 632.0 ⁽⁵⁾ 719.0 ⁽¹⁾ | 578.0* 589.0* | 624.0 ⁽³⁾ 719.0 ⁽⁴⁾ | 557.0* 588.0* | 616.0 ⁽²⁾ 703.0 ⁽²⁾ | 521.0* 543.0* | 584.0 ⁽¹⁾ 614.0 ⁽¹⁾ | 449.0* 460.0* | 463.0 ⁽¹⁾ 475.0 ⁽¹⁾ | 356.0* 361.0* | 358.0 ⁽¹⁾ 364.0 ⁽¹⁾ | 268.0 269.0 | 272.0 ⁽¹⁾ 274.0 ⁽¹⁾ | 232.0 233.0 | 234.0 ⁽¹⁾ 235.0 ⁽¹⁾ | 202.0 202.0 | 202.0 202.0 | 174.0 174.0 | 174.0 174.0 | |
| 110 | B BV | | 598.0 ⁽⁸⁾ 690.0 ⁽⁴⁾ | | 600.0 ⁽⁵⁾ 683.0 ⁽²⁾ | 547.0* 549.0* | 594.0 ⁽⁴⁾ 686.0 ⁽⁴⁾ | 537.0* 560.0* | 588.0 ⁽³⁾ 678.0 ⁽³⁾ | 503.0* 525.0* | 564.0 ⁽¹⁾ 600.0 ⁽¹⁾ | 444.0* 455.0* | 462.0 ⁽¹⁾ 475.0 ⁽²⁾ | 353.0* 358.0* | 357.0 ⁽¹⁾ 363.0 ⁽¹⁾ | 271.0* 273.0 | 271.0 273.0 | 229.0 230.0 | 233.0 ⁽¹⁾ 234.0 ⁽¹⁾ | 200.0 200.0 | 201.0 ⁽¹⁾ 202.0 ⁽¹⁾ | 172.0 173.0 | 172.0 173.0 | |
| 115 | B BV | | 568.0 ⁽⁹⁾ 656.0 ⁽⁵⁾ | | 569.0 ⁽⁶⁾ 650.0 ⁽²⁾ | 500.0* 502.0* | 568.0 ⁽⁵⁾ 655.0 ⁽⁵⁾ | 518.0* 529.0* | 562.0 ⁽³⁾ 649.0 ⁽³⁾ | 484.0* 505.0* | 541.0 ⁽¹⁾ 599.0 ⁽²⁾ | 437.0* 451.0* | 460.0 ⁽¹⁾ 475.0 ⁽¹⁾ | 350.0* 356.0* | 356.0 ⁽¹⁾ 362.0 ⁽¹⁾ | 269.0* 271.0* | 269.0 272.0 ⁽¹⁾ | 227.0 228.0 | 232.0 ⁽¹⁾ 233.0 ⁽¹⁾ | 198.0 199.0 | 201.0 ⁽¹⁾ 201.0 ⁽¹⁾ | 171.0 171.0 | 172.0 ⁽¹⁾ 172.0 ⁽¹⁾ | |
| 120 | B BV | | 543.0 ⁽¹¹⁾ 626.0 ⁽⁷⁾ | | 541.0 ⁽⁶⁾ 620.0 ⁽³⁾ | 434.0* 436.0* | 544.0 ⁽⁶⁾ 624.0 ⁽⁵⁾ | 495.0* 498.0* | 539.0 ⁽⁴⁾ 620.0 ⁽⁴⁾ | 467.0* 483.0* | 524.0 ⁽²⁾ 590.0 ⁽²⁾ | 429.0* 445.0* | 459.0 ⁽¹⁾ 474.0 ⁽¹⁾ | 347.0* 353.0* | 355.0 ⁽¹⁾ 361.0 ⁽¹⁾ | 267.0* 270.0* | 268.0 ⁽¹⁾ 271.0 ⁽¹⁾ | 230.0* 231.0* | 230.0 231.0 | 196.0 197.0 | 200.0 ⁽¹⁾ 201.0 ⁽¹⁾ | 169.0 170.0 | 171.0 ⁽¹⁾ 171.0 ⁽¹⁾ | |
| 125 | B BV | | 518.0 ⁽¹¹⁾ 596.0 ⁽⁸⁾ | | 515.0 ⁽⁵⁾ 592.0 ⁽⁴⁾ | | 520.0 ⁽⁷⁾ 594.0 ⁽⁵⁾ | 466.0* 466.0* | 516.0 ⁽⁵⁾ 593.0 ⁽⁴⁾ | 451.0* 460.0* | 503.0 ⁽²⁾ 568.0 ⁽²⁾ | 419.0* 436.0* | 449.0 ⁽²⁾ 470.0 ⁽¹⁾ | 344.0* 350.0* | 353.0 ⁽¹⁾ 360.0 ⁽¹⁾ | 265.0* 268.0* | 267.0 ⁽¹⁾ 270.0 ⁽¹⁾ | 227.0* 229.0* | 228.0 ⁽¹⁾ 230.0 ⁽¹⁾ | 198.0* 199.0* | 199.0 ⁽¹⁾ 200.0 ⁽¹⁾ | 168.0 168.0 | 170.0 ⁽¹⁾ 171.0 ⁽¹⁾ | |
| 130 | B BV | | 493.0 ⁽¹¹⁾ 568.0 ⁽⁹⁾ | | 493.0 ⁽⁶⁾ 567.0 ⁽⁵⁾ | | 497.0 ⁽⁸⁾ 565.0 ⁽⁶⁾ | 431.0* 431.0* | 494.0 ⁽⁵⁾ 566.0 ⁽⁴⁾ | 434.0* 436.0* | 484.0 ⁽³⁾ 546.0 ⁽²⁾ | 409.0* 422.0* | 449.0 ⁽²⁾ 465.0 ⁽¹⁾ | 341.0* 348.0* | 352.0 ⁽¹⁾ 359.0 ⁽¹⁾ | 263.0* 267.0* | 266.0 ⁽¹⁾ 269.0 ⁽¹⁾ | 225.0* 227.0* | 227.0 ⁽¹⁾ 229.0 ⁽¹⁾ | 197.0* 198.0* | 197.0 199.0 ⁽¹⁾ | 169.0* 170.0* | 169.0 170.0 | |
| 135 | B BV | | 468.0 ⁽¹¹⁾ 544.0 ⁽¹¹⁾ | | 473.0 ⁽⁹⁾ 542.0 ⁽⁶⁾ | | 477.0 ⁽¹⁰⁾ 539.0 ⁽⁶⁾ | 400.0* 400.0* | 474.0 ⁽⁴⁾ 538.0 ⁽⁴⁾ | 416.0* 415.0* | 465.0 ⁽³⁾ 524.0 ⁽²⁾ | 397.0* 404.0* | 449.0 ⁽²⁾ 466.0 ⁽²⁾ | 338.0* 345.0* | 351.0 ⁽¹⁾ 358.0 ⁽¹⁾ | 262.0* 265.0* | 264.0 ⁽¹⁾ 268.0 ⁽¹⁾ | 225.0* 225.0* | 225.0 ⁽¹⁾ 227.0 ⁽¹⁾ | 196.0* 197.0* | 196.0 197.0 | 168.0* 169.0* | 168.0 169.0 | |
| 140 | B BV | | 447.0 ⁽¹¹⁾ 519.0 ⁽¹¹⁾ | | 454.0 ⁽¹⁰⁾ 519.0 ⁽⁶⁾ | | 457.0 ⁽¹⁰⁾ 514.0 ⁽⁷⁾ | 357.0* 358.0* | 454.0 ⁽⁷⁾ 515.0 ⁽⁵⁾ | 396.0* 394.0* | 445.0 ⁽³⁾ 502.0 ⁽²⁾ | 383.0* 387.0* | 434.0 ⁽²⁾ 457.0 ⁽²⁾ | 335.0* 342.0* | 348.0 ⁽¹⁾ 356.0 ⁽¹⁾ | 260.0* 263.0* | 263.0 ⁽¹⁾ 267.0 ⁽¹⁾ | 220.0* 223.0* | 224.0 ⁽¹⁾ 226.0 ⁽¹⁾ | 194.0* 196.0* | 195.0 ⁽¹⁾ 196.0 | 167.0* 168.0* | 167.0 168.0 | |
| 145 | B BV | | 427.0 ⁽¹¹⁾ 495.0 ⁽¹¹⁾ | | 435.0 ⁽¹¹⁾ 496.0 ⁽⁷⁾ | | 436.0 ⁽¹⁰⁾ 494.0 ⁽⁶⁾ | | 436.0 ⁽⁸⁾ 492.0 ⁽⁵⁾ | 377.0* 375.0* | 429.0 ⁽⁴⁾ 480.0 ⁽¹⁾ | 367.0* 369.0* | 418.0 ⁽²⁾ 451.0 ⁽¹⁾ | 331.0* 337.0* | 347.0 ⁽²⁾ 355.0 ⁽²⁾ | 258.0* 262.0* | 262.0 ⁽¹⁾ 266.0 ⁽¹⁾ | 218.0* 220.0* | 222.0 ⁽¹⁾ 224.0 ⁽¹⁾ | 193.0* 194.0* | 194.0 ⁽¹⁾ 195.0 ⁽¹⁾ | 166.0* 167.0* | 166.0 167.0 | |
| 150 | B BV | | 406.0 ⁽¹⁰⁾ 471.0 ⁽¹⁰⁾ | | 417.0 ⁽¹¹⁾ 477.0 ⁽⁸⁾ | | 416.0 ⁽¹⁰⁾ 476.0 ⁽⁸⁾ | | 420.0 ⁽⁹⁾ 472.0 ⁽⁴⁾ | 359.0* 357.0* | 412.0 ⁽⁴⁾ 462.0 ⁽³⁾ | 351.0* 351.0* | 405.0 ⁽³⁾ 446.0 ⁽¹⁾ | 327.0* 331.0* | 347.0 ⁽²⁾ 355.0 ⁽²⁾ | 256.0* 260.0* | 261.0 ⁽¹⁾ 265.0 ⁽¹⁾ | 216.0* 218.0* | 220.0 ⁽¹⁾ 223.0 ⁽¹⁾ | 192.0* 193.0* | 193.0 ⁽¹⁾ 194.0 ⁽¹⁾ | 164.0 165.0 ⁽¹⁾ | 165.0 ⁽¹⁾ 166.0 ⁽¹⁾ | |
| 155 | B BV | | 388.0 ⁽¹⁰⁾ 451.0 ⁽¹⁰⁾ | | 399.0 ⁽¹¹⁾ 460.0 ⁽¹⁰⁾ | | 397.0 ⁽¹¹⁾ 459.0 ⁽¹⁰⁾ | | 403.0 ⁽⁹⁾ 454.0 ⁽⁵⁾ | 343.0* 341.0* | 396.0 ⁽⁵⁾ 445.0 ⁽²⁾ | 336.0* 336.0* | 391.0 ⁽⁵⁾ 437.0 ⁽¹⁾ | 321.0* 323.0* | 345.0 ⁽²⁾ 354.0 ⁽²⁾ | 254.0* 258.0* | 260.0 ⁽²⁾ 264.0 ⁽²⁾ | 213.0* 216.0* | 219.0 ⁽¹⁾ 221.0 ⁽¹⁾ | 190.0* 192.0* | 191.0 ⁽¹⁾ 193.0 ⁽¹⁾ | 163.0* 164.0* | 164.0 ⁽¹⁾ 165.0 ⁽¹⁾ | |
| 160 | B BV | | 371.0 ⁽¹⁰⁾ 431.0 ⁽¹⁰⁾ | | 382.0 ⁽¹¹⁾ 441.0 ⁽¹⁰⁾ | | 382.0 ⁽¹¹⁾ 443.0 ⁽¹⁰⁾ | | 386.0 ⁽⁹⁾ 438.0 ⁽⁵⁾ | 324.0* 322.0* | 382.0 ⁽⁴⁾ 428.0 ⁽²⁾ | 322.0* 321.0* | 376.0 ⁽³⁾ 422.0 ⁽¹⁾ | 313.0* 314.0* | 337.0 ⁽²⁾ 351.0 ⁽²⁾ | 253.0* 257.0* | 259.0 ⁽²⁾ 264.0 ⁽²⁾ | 211.0* 214.0* | 217.0 ⁽¹⁾ 220.0 ⁽¹⁾ | 189.0* 191.0* | 190.0 ⁽²⁾ 192.0 ⁽²⁾ | 162.0* 163.0 ⁽¹⁾ | 163.0 ⁽¹⁾ 164.0 ⁽¹⁾ | |
| 165 | B BV | | 353.0 ⁽⁹⁾ 411.0 ⁽¹⁰⁾ | | 365.0 ⁽¹¹⁾ 422.0 ⁽¹⁰⁾ | | 368.0 ⁽¹¹⁾ 426.0 ⁽¹¹⁾ | | 371.0 ⁽¹⁰⁾ 423.0 ⁽⁷⁾ | 305.0* 304.0* | 368.0 ⁽⁶⁾ 413.0 ⁽³⁾ | 308.0* 309.0* | 361.0 ⁽³⁾ 408.0 ⁽¹⁾ | 301.0* 302.0* | 332.0 ⁽¹⁾ 347.0 ⁽²⁾ | 251.0* 255.0* | 259.0 ⁽²⁾ 263.0 ⁽²⁾ | 209.0* 211.0* | 215.0 ⁽¹⁾ 218.0 ⁽²⁾ | 188.0* 189.0* | 188.0 ⁽²⁾ 192.0 ⁽²⁾ | 161.0* 162.0* | 162.0 ⁽²⁾ 163.0 ⁽²⁾ | |
| 170 | B BV | | 338.0 ⁽⁹⁾ | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

HS 197 ft



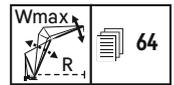
| ft | Configuration | HS 197 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|---------------|----------------------|------|----------------------|------|-----------------------|------|-----------------------|------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 190 | B | 283.0 ⁽⁷⁾ | | 292.0 ⁽⁹⁾ | | 296.0 ⁽¹⁰⁾ | | 307.0 ⁽¹¹⁾ | | 304.0 ⁽⁸⁾ | 251.0* | 298.0 ⁽⁴⁾ | 247.0* | 292.0 ⁽⁵⁾ | 236.0* | 255.0 ⁽³⁾ | 197.0* | 208.0 ⁽²⁾ | 181.0* | 186.0 ⁽²⁾ | 155.0* | 158.0 ⁽²⁾ | |
| 190 | BV | 334.0 ⁽⁸⁾ | | 342.0 ⁽⁹⁾ | | 346.0 ⁽¹⁰⁾ | | 355.0 ⁽¹¹⁾ | | 348.0 ⁽⁵⁾ | 250.0* | 343.0 ⁽²⁾ | 248.0* | 329.0 ⁽²⁾ | 238.0* | 260.0 ⁽³⁾ | 200.0* | 212.0 ⁽²⁾ | 183.0* | 188.0 ⁽²⁾ | 157.0* | 159.0 ⁽²⁾ | |
| 195 | B | 271.0 ⁽⁷⁾ | | 280.0 ⁽⁹⁾ | | 284.0 ⁽¹⁰⁾ | | 295.0 ⁽¹¹⁾ | | 294.0 ⁽⁸⁾ | 240.0* | 288.0 ⁽⁵⁾ | 239.0* | 282.0 ⁽⁵⁾ | 230.0* | 253.0 ⁽³⁾ | 195.0* | 207.0 ⁽²⁾ | 180.0* | 185.0 ⁽³⁾ | 154.0* | 157.0 ⁽²⁾ | |
| 195 | BV | 321.0 ⁽⁷⁾ | | 329.0 ⁽⁹⁾ | | 333.0 ⁽¹⁰⁾ | | 344.0 ⁽¹¹⁾ | | 336.0 ⁽⁵⁾ | 240.0* | 332.0 ⁽³⁾ | 238.0* | 320.0 ⁽²⁾ | 231.0* | 257.0 ⁽³⁾ | 198.0* | 210.0 ⁽²⁾ | 182.0* | 187.0 ⁽²⁾ | 155.0* | 159.0 ⁽²⁾ | |
| 200 | B | 260.0 ⁽⁷⁾ | | 268.0 ⁽⁹⁾ | | 272.0 ⁽¹⁰⁾ | | 283.0 ⁽¹¹⁾ | | 284.0 ⁽⁸⁾ | 229.0* | 279.0 ⁽⁵⁾ | 230.0* | 273.0 ⁽⁵⁾ | 224.0* | 249.0 ⁽²⁾ | 193.0* | 205.0 ⁽²⁾ | 179.0* | 183.0 ⁽³⁾ | 153.0* | 156.0 ⁽²⁾ | |
| 200 | BV | 309.0 ⁽⁷⁾ | | 316.0 ⁽⁹⁾ | | 320.0 ⁽¹⁰⁾ | | 331.0 ⁽¹¹⁾ | | 325.0 ⁽⁶⁾ | 229.0* | 322.0 ⁽³⁾ | 230.0* | 312.0 ⁽²⁾ | 224.0* | 255.0 ⁽²⁾ | 196.0* | 208.0 ⁽²⁾ | 181.0* | 186.0 ⁽³⁾ | 154.0* | 158.0 ⁽²⁾ | |
| 210 | B | | | 247.0 ⁽⁸⁾ | | 249.0 ⁽⁹⁾ | | 259.0 ⁽¹⁰⁾ | | 268.0 ⁽¹⁰⁾ | 200.0* | 261.0 ⁽⁶⁾ | 214.0* | 256.0 ⁽³⁾ | 209.0* | 244.0 ⁽²⁾ | 188.0* | 202.0 ⁽³⁾ | 176.0* | 182.0 ⁽³⁾ | 150.0* | 154.0 ⁽³⁾ | |
| 210 | BV | | | 293.0 ⁽⁸⁾ | | 295.0 ⁽⁹⁾ | | 304.0 ⁽¹⁰⁾ | | 305.0 ⁽⁶⁾ | 200.0* | 300.0 ⁽³⁾ | 214.0* | 295.0 ⁽³⁾ | 209.0* | 253.0 ⁽²⁾ | 191.0* | 206.0 ⁽³⁾ | 178.0* | 185.0 ⁽³⁾ | 152.0* | 156.0 ⁽³⁾ | |
| 220 | B | | | 227.0 ⁽⁷⁾ | | 229.0 ⁽⁹⁾ | | 239.0 ⁽¹⁰⁾ | | 252.0 ⁽¹¹⁾ | 159.0* | 246.0 ⁽⁶⁾ | 199.0* | 241.0 ⁽⁴⁾ | 195.0* | 231.0 ⁽³⁾ | 183.0* | 199.0 ⁽³⁾ | 172.0* | 181.0 ⁽³⁾ | 148.0* | 153.0 ⁽³⁾ | |
| 220 | BV | | | 271.0 ⁽⁷⁾ | | 272.0 ⁽⁹⁾ | | 282.0 ⁽¹⁰⁾ | | 288.0 ⁽⁸⁾ | 159.0* | 284.0 ⁽⁴⁾ | 199.0* | 278.0 ⁽²⁾ | 195.0* | 247.0 ⁽²⁾ | 186.0* | 203.0 ⁽³⁾ | 175.0* | 183.0 ⁽³⁾ | 150.0* | 155.0 ⁽³⁾ | |
| 230 | B | | | 210.0 ⁽⁸⁾ | | 219.0 ⁽⁹⁾ | | 219.0 ⁽⁸⁾ | | 235.0 ⁽¹⁰⁾ | | 233.0 ⁽⁷⁾ | 181.0* | 227.0 ⁽⁴⁾ | 183.0* | 222.0 ⁽³⁾ | 177.0* | 196.0 ⁽³⁾ | 168.0* | 179.0 ⁽³⁾ | 145.0* | 151.0 ⁽³⁾ | |
| 230 | BV | | | 252.0 ⁽⁸⁾ | | 252.0 ⁽⁹⁾ | | 261.0 ⁽⁹⁾ | | 272.0 ⁽⁹⁾ | | 267.0 ⁽⁵⁾ | 181.0* | 261.0 ⁽²⁾ | 182.0* | 241.0 ⁽²⁾ | 179.0* | 200.0 ⁽³⁾ | 171.0* | 181.0 ⁽³⁾ | 147.0* | 153.0 ⁽³⁾ | |
| 240 | B | | | | | 193.0 ⁽⁷⁾ | | 201.0 ⁽⁸⁾ | | 218.0 ⁽¹¹⁾ | | 220.0 ⁽⁸⁾ | 165.0* | 215.0 ⁽⁵⁾ | 171.0* | 210.0 ⁽³⁾ | 170.0* | 193.0 ⁽³⁾ | 164.0* | 176.0 ⁽³⁾ | 142.0* | 149.0 ⁽³⁾ | |
| 240 | BV | | | | | 234.0 ⁽⁷⁾ | | 241.0 ⁽⁸⁾ | | 253.0 ⁽⁹⁾ | | 253.0 ⁽⁵⁾ | 165.0* | 248.0 ⁽³⁾ | 171.0* | 235.0 ⁽²⁾ | 169.0* | 197.0 ⁽³⁾ | 166.0* | 179.0 ⁽³⁾ | 144.0* | 151.0 ⁽³⁾ | |
| 250 | B | | | | | | | 186.0 ⁽⁸⁾ | | 199.0 ⁽¹⁰⁾ | | 208.0 ⁽⁹⁾ | 147.0* | 204.0 ⁽⁵⁾ | 160.0* | 199.0 ⁽⁴⁾ | 160.0* | 189.0 ⁽⁴⁾ | 155.0* | 174.0 ⁽³⁾ | 139.0* | 148.0 ⁽⁴⁾ | |
| 250 | BV | | | | | | | 224.0 ⁽⁸⁾ | | 237.0 ⁽¹⁰⁾ | | 239.0 ⁽⁶⁾ | 147.0* | 233.0 ⁽⁵⁾ | 160.0* | 226.0 ⁽⁴⁾ | 159.0* | 194.0 ⁽³⁾ | 156.0* | 177.0 ⁽³⁾ | 141.0* | 150.0 ⁽⁴⁾ | |
| 260 | B | | | | | | | 171.0 ⁽⁷⁾ | | 184.0 ⁽¹⁰⁾ | | 195.0 ⁽¹⁰⁾ | 117.0* | 193.0 ⁽⁷⁾ | 148.0* | 187.0 ⁽⁴⁾ | 149.0* | 186.0 ⁽⁴⁾ | 146.0* | 171.0 ⁽⁴⁾ | 136.0* | 146.0 ⁽⁴⁾ | |
| 260 | BV | | | | | | | 208.0 ⁽⁷⁾ | | 220.0 ⁽¹⁰⁾ | | 224.0 ⁽⁷⁾ | 117.0* | 219.0 ⁽⁴⁾ | 148.0* | 214.0 ⁽²⁾ | 150.0* | 190.0 ⁽³⁾ | 146.0* | 174.0 ⁽³⁾ | 138.0* | 148.0 ⁽⁴⁾ | |
| 270 | B | | | | | | | | | 169.0 ⁽⁹⁾ | | 185.0 ⁽¹¹⁾ | | 182.0 ⁽⁷⁾ | 136.0* | 177.0 ⁽⁵⁾ | 140.0* | 176.0 ⁽⁴⁾ | 138.0* | 168.0 ⁽⁴⁾ | 133.0* | 144.0 ⁽⁴⁾ | |
| 270 | BV | | | | | | | | | 204.0 ⁽⁹⁾ | | 212.0 ⁽⁷⁾ | | 207.0 ⁽⁴⁾ | 136.0* | 201.0 ⁽²⁾ | 140.0* | 187.0 ⁽³⁾ | 138.0* | 171.0 ⁽³⁾ | 134.0* | 146.0 ⁽⁴⁾ | |
| 280 | B | | | | | | | | | 155.0 ⁽⁸⁾ | | 172.0 ⁽⁸⁾ | | 172.0 ⁽⁵⁾ | 124.0* | 167.0 ⁽³⁾ | 129.0* | 166.0 ⁽⁴⁾ | 129.0* | 162.0 ⁽⁴⁾ | 125.0* | 143.0 ⁽⁴⁾ | |
| 280 | BV | | | | | | | | | 188.0 ⁽⁸⁾ | | 201.0 ⁽⁸⁾ | | 195.0 ⁽⁵⁾ | 124.0* | 190.0 ⁽³⁾ | 129.0* | 183.0 ⁽³⁾ | 130.0* | 168.0 ⁽³⁾ | 126.0* | 145.0 ⁽⁴⁾ | |
| 290 | B | | | | | | | | | 143.0 ⁽⁸⁾ | | 158.0 ⁽¹⁰⁾ | | 163.0 ⁽⁸⁾ | 109.0* | 158.0 ⁽⁵⁾ | 119.0* | 156.0 ⁽⁵⁾ | 120.0* | 154.0 ⁽⁴⁾ | 118.0* | 140.0 ⁽⁴⁾ | |
| 290 | BV | | | | | | | | | 175.0 ⁽⁸⁾ | | 190.0 ⁽¹⁰⁾ | | 186.0 ⁽⁵⁾ | 109.0* | 180.0 ⁽³⁾ | 119.0* | 176.0 ⁽³⁾ | 121.0* | 165.0 ⁽³⁾ | 118.0* | 142.0 ⁽⁴⁾ | |
| 300 | B | | | | | | | | | 131.0 ⁽⁷⁾ | | 146.0 ⁽¹⁰⁾ | | 155.0 ⁽⁹⁾ | 82.7* | 150.0 ⁽⁴⁾ | 109.0* | 149.0 ⁽⁵⁾ | 111.0* | 146.0 ⁽⁴⁾ | 111.0* | 137.0 ⁽³⁾ | |
| 300 | BV | | | | | | | | | 162.0 ⁽⁷⁾ | | 178.0 ⁽¹⁰⁾ | | 177.0 ⁽⁴⁾ | 82.8* | 171.0 ⁽³⁾ | 109.0* | 169.0 ⁽³⁾ | 111.0* | 160.0 ⁽³⁾ | 111.0* | 139.0 ⁽⁴⁾ | |
| 310 | B | | | | | | | | | 134.0 ⁽⁹⁾ | | 147.0 ⁽⁹⁾ | | 147.0 ⁽¹⁰⁾ | | 142.0 ⁽⁴⁾ | 94.8* | 141.0 ⁽⁵⁾ | 102.0* | 137.0 ⁽⁴⁾ | 103.0* | 131.0 ⁽⁴⁾ | |
| 310 | BV | | | | | | | | | 165.0 ⁽⁹⁾ | | 169.0 ⁽⁷⁾ | | 169.0 ⁽⁷⁾ | | 163.0 ⁽⁴⁾ | 94.9* | 162.0 ⁽³⁾ | 102.0* | 155.0 ⁽³⁾ | 103.0* | 137.0 ⁽³⁾ | |
| 320 | B | | | | | | | | | 122.0 ⁽⁸⁾ | | 136.0 ⁽¹⁰⁾ | | 136.0 ⁽⁷⁾ | | 136.0 ⁽⁷⁾ | | 134.0 ⁽⁴⁾ | 93.0* | 131.0 ⁽⁵⁾ | 94.1* | 126.0 ⁽⁴⁾ | |
| 320 | BV | | | | | | | | | 152.0 ⁽⁸⁾ | | 161.0 ⁽⁸⁾ | | 155.0 ⁽³⁾ | | 155.0 ⁽³⁾ | | 153.0 ⁽⁴⁾ | 93.2* | 150.0 ⁽³⁾ | 94.1* | 134.0 ⁽³⁾ | |
| 330 | B | | | | | | | | | 112.0 ⁽⁸⁾ | | 126.0 ⁽¹⁰⁾ | | 126.0 ⁽⁷⁾ | | 130.0 ⁽⁸⁾ | | 127.0 ⁽⁷⁾ | 80.4* | 124.0 ⁽⁵⁾ | 86.4* | 120.0 ⁽⁵⁾ | |
| 330 | BV | | | | | | | | | 142.0 ⁽⁸⁾ | | 149.0 ⁽⁸⁾ | | 147.0 ⁽⁴⁾ | | 149.0 ⁽³⁾ | | 147.0 ⁽⁴⁾ | 80.4* | 143.0 ⁽³⁾ | 86.4* | 131.0 ⁽³⁾ | |
| 340 | B | | | | | | | | | 102.0 ⁽⁷⁾ | | 116.0 ⁽¹⁰⁾ | | 116.0 ⁽⁹⁾ | | 123.0 ⁽⁹⁾ | | 122.0 ⁽⁷⁾ | | 119.0 ⁽⁴⁾ | 78.6* | 115.0 ⁽³⁾ | |
| 340 | BV | | | | | | | | | 131.0 ⁽⁷⁾ | | 142.0 ⁽⁹⁾ | | 142.0 ⁽⁹⁾ | | 141.0 ⁽⁴⁾ | | 139.0 ⁽⁴⁾ | | 135.0 ⁽³⁾ | 78.5* | 128.0 ⁽³⁾ | |
| 350 | B | | | | | | | | | | | 106.0 ⁽⁹⁾ | | 106.0 ⁽⁹⁾ | | 115.0 ⁽¹⁰⁾ | | 117.0 ⁽⁸⁾ | | 113.0 ⁽⁷⁾ | 67.0* | 109.0 ⁽⁴⁾ | |
| 350 | BV | | | | | | | | | | | 133.0 ⁽⁹⁾ | | 133.0 ⁽⁹⁾ | | 133.0 ⁽⁷⁾ | | 132.0 ⁽⁵⁾ | | 128.0 ⁽⁴⁾ | 66.9* | 122.0 ⁽³⁾ | |
| 360 | B | | | | | | | | | | | 95.9 ⁽⁸⁾ | | 95.9 ⁽⁸⁾ | | 108.0 ⁽¹⁰⁾ | | 109.0 ⁽⁹⁾ | | 108.0 ⁽⁷⁾ | | 105.0 ⁽⁴⁾ | |
| 360 | BV | | | | | | | | | | | 122.0 ⁽⁸⁾ | | 122.0 ⁽⁸⁾ | | 126.0 ⁽⁷⁾ | | 124.0 ⁽⁶⁾ | | 121.0 ⁽⁴⁾ | | 117.0 ⁽⁴⁾ | |
| 370 | B | | | | | | | | | | | 87.7 ⁽⁸⁾ | | 87.7 ⁽⁸⁾ | | 99.7 ⁽¹⁰⁾ | | 102.0 ⁽¹⁰⁾ | | 103.0 ⁽⁸⁾ | | 99.3 ⁽⁷⁾ | |
| 370 | BV | | | | | | | | | | | 114.0 ⁽⁸⁾ | | 114.0 ⁽⁸⁾ | | 120.0 ⁽⁸⁾ | | 118.0 ⁽⁶⁾ | | 115.0 ⁽⁵⁾ | | 111.0 ⁽⁴⁾ | |
| 380 | B | | | | | | | | | | | 79.1 ⁽⁷⁾ | | 79.1 ⁽⁷⁾ | | 91.4 ⁽¹⁰⁾ | | 95.9 ⁽¹⁰⁾ | | 95.7 ⁽⁸⁾ | | 93.8 ⁽⁷⁾ | |
| 380 | BV | | | | | | | | | | | 113.0 ⁽⁷⁾ | | 113.0 ⁽⁷⁾ | | 115.0 ⁽⁹⁾ | | 113.0 ⁽⁷⁾ | | 110.0 ⁽⁵⁾ | | 106.0 ⁽⁴⁾ | |
| 390 | B | | | | | | | | | | | | | | | 82.6 ⁽⁹⁾ | | 88.9 ⁽¹⁰⁾ | | 89.4 ⁽⁹⁾ | | 88.1 ⁽⁸⁾ | |
| 390 | BV | | | | | | | | | | | | | | | 107.0 ⁽⁹⁾ | | 108.0 ⁽⁸⁾ | | 105.0 ⁽⁴⁾ | | 101.0 ⁽⁵⁾ | |
| 400 | B | | | | | | | | | | | | | | | 74.2 ⁽⁸⁾ | | 81.0 ⁽¹⁰⁾ | | 83.8 ⁽¹⁰⁾ | | 82.4 ⁽⁸⁾ | |
| 400 | BV | | | | | | | | | | | | | | | 98.0 ⁽⁸⁾ | | 103.0 ⁽⁹⁾ | | 99.8 ⁽⁴⁾ | | 96.3 ⁽⁵⁾ | |
| 410 | B | | | | | | | | | | | | | | | 67.2 ⁽⁸⁾ | | 72.7 ⁽⁹⁾ | | 78.3 ⁽¹⁰⁾ | | 77.2 ⁽⁹⁾ | |
| 410 | BV | | | | | | | | | | | | | | | 90.4 ⁽⁸⁾ | | 95.8 ⁽⁹⁾ | | 95.6 ⁽⁷⁾ | | 91.7 ⁽⁶⁾ | |
| 420 | B | | | | | | | | | | | | | | | 59.5 ⁽⁷⁾ | | 64.7 ⁽⁸⁾ | | 70.9 ⁽¹⁰⁾ | | 72.7 ⁽¹⁰⁾ | |
| 420 | BV | | | | | | | | | | | | | | | 82.4 ⁽⁷⁾ | | 87.5 ⁽⁸⁾ | | 91.1 ⁽⁹⁾ | | 87.6 ⁽⁶⁾ | |
| 430 | B | | | | | | | | | | | | | | | | | 58.1 ⁽⁸⁾ | | 63.0 ⁽⁹⁾ | | 67.7 ⁽¹⁰⁾ | |
| 430 | BV | | | | | | | | | | | | | | | | | 80.3 ⁽⁸⁾ | | 84.7 ⁽⁹⁾ | | 83.8 ⁽⁷⁾ | |
| 440 | B | | | | | | | | | | | | | | | | | 51.0 ⁽⁷⁾ | | 55.5 ⁽⁸⁾ | | 61.0 ⁽¹⁰⁾ | |
| 440 | BV | | | | | | | | | | | | | | | | | 72.8 ⁽⁷⁾ | | 77.3 ⁽⁸⁾ | | 78.6 ⁽⁸⁾ | |
| 450 | B | | | | | | | | | | | | | | | | | | | 48.6 ⁽⁷⁾ | | 53.5 ⁽⁹⁾ | |
| 450 | BV | | | | | | | | | | | | | | | | | | | 69.8 ⁽⁷⁾ | | 73.3 ⁽⁹⁾ | |
| 460 | B | | | | | | | | | | | | | | | | | | | 43.4 ⁽⁷⁾ | | 46.8 ⁽⁸⁾ | |
| 460 | BV | | | | | | | | | | | | | | | | | | | 63.5 ⁽⁷⁾ | | 67.1 ⁽⁸⁾ | |
| 470 | B | | | | | | | | | | | | | | | | | | | | | 40.7 ⁽⁷⁾ | |
| 470 | BV | | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

HS 217 ft



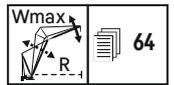
661,400 - 881,850 lb
330,700 - 659,200 lb
110,000 - 328,500 lb



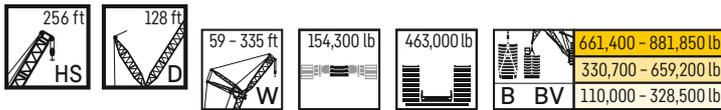
| ft | HS | HS 217 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 38 | B | 915.0 | 915.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 920.0 | 920.0 | | | | | | | | | | | | | | | | | | | | |
| 40 | B | 932.0 | 932.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 939.0 | 939.0 | | | | | | | | | | | | | | | | | | | | |
| 45 | B | 925.0 | 938.0 ⁽¹⁾ | 847.0 | 853.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| | BV | 938.0 | 951.0 ⁽¹⁾ | 857.0 | 864.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| 50 | B | 957.0* | 957.0 | 814.0 | 853.0 ⁽¹⁾ | 767.0 | 772.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| | BV | 976.0* | 976.0 | 826.0 | 867.0 ⁽¹⁾ | 778.0 | 783.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| 55 | B | 922.0* | 933.0 ⁽¹⁾ | 848.0* | 851.0 ⁽¹⁾ | 743.0 | 772.0 ⁽¹⁾ | 683.0 | 687.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 942.0* | 966.0 ⁽¹⁾ | 864.0* | 870.0 ⁽¹⁾ | 753.0 | 787.0 ⁽¹⁾ | 691.0 | 695.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 60 | B | 884.0* | 921.0 ⁽¹⁾ | 818.0* | 841.0 ⁽¹⁾ | 772.0* | 772.0 | 663.0 | 687.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 903.0* | 968.0 ⁽¹⁾ | 835.0* | 871.0 ⁽¹⁾ | 790.0* | 791.0 ⁽¹⁾ | 672.0 | 699.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 65 | B | 849.0* | 910.0 ⁽¹⁾ | 788.0* | 832.0 ⁽¹⁾ | 751.0* | 764.0 ⁽¹⁾ | 691.0* | 691.0 | 549.0 | 550.0 ⁽¹⁾ | | | | | | | | | | | | |
| | BV | 866.0* | 970.0 ⁽¹⁾ | 805.0* | 872.0 ⁽¹⁾ | 768.0* | 792.0 ⁽¹⁾ | 705.0* | 705.0 | 554.0 | 556.0 ⁽¹⁾ | | | | | | | | | | | | |
| 70 | B | 813.0* | 899.0 ⁽¹⁾ | 760.0* | 822.0 ⁽¹⁾ | 727.0* | 756.0 ⁽¹⁾ | 673.0* | 685.0 ⁽¹⁾ | 538.0 | 551.0 ⁽¹⁾ | | | | | | | | | | | | |
| | BV | 827.0* | 972.0 ⁽¹⁾ | 776.0* | 873.0 ⁽¹⁾ | 745.0* | 793.0 ⁽¹⁾ | 688.0* | 705.0 ⁽¹⁾ | 545.0 | 560.0 ⁽¹⁾ | | | | | | | | | | | | |
| 75 | B | 750.0* | 866.0 ⁽¹⁾ | 732.0* | 812.0 ⁽¹⁾ | 705.0* | 748.0 ⁽¹⁾ | 655.0* | 681.0 ⁽¹⁾ | 558.0* | 558.0 | 434.0 | 434.0 | | | | | | | | | | |
| | BV | 751.0* | 949.0 ⁽¹⁾ | 748.0* | 874.0 ⁽¹⁾ | 722.0* | 794.0 ⁽¹⁾ | 670.0* | 708.0 ⁽¹⁾ | 568.0* | 568.0 | 437.0 | 437.0 | | | | | | | | | | |
| 80 | B | 675.0* | 819.0 ⁽¹⁾ | 705.0* | 799.0 ⁽¹⁾ | 681.0* | 740.0 ⁽¹⁾ | 636.0* | 676.0 ⁽¹⁾ | 549.0* | 553.0 ⁽¹⁾ | 428.0 | 434.0 ⁽¹⁾ | 343.0 | 343.0 | | | | | | | | |
| | BV | 677.0* | 911.0 ⁽¹⁾ | 718.0* | 871.0 ⁽¹⁾ | 699.0* | 796.0 ⁽¹⁾ | 652.0* | 711.0 ⁽¹⁾ | 560.0* | 565.0 ⁽¹⁾ | 433.0 | 439.0 ⁽¹⁾ | 345.0 | 345.0 | | | | | | | | |
| 85 | B | 573.0* | 773.0 ⁽¹⁾ | 666.0* | 760.0 ⁽¹⁾ | 653.0* | 731.0 ⁽¹⁾ | 617.0* | 672.0 ⁽¹⁾ | 535.0* | 552.0 ⁽¹⁾ | 423.0 | 435.0 ⁽¹⁾ | 339.0 | 340.0 ⁽¹⁾ | | | | | | | | |
| | BV | 572.0* | 878.0 ⁽¹⁾ | 670.0* | 838.0 ⁽¹⁾ | 675.0* | 797.0 ⁽¹⁾ | 634.0* | 714.0 ⁽¹⁾ | 549.0* | 565.0 ⁽¹⁾ | 428.0 | 441.0 ⁽¹⁾ | 342.0 | 342.0 | | | | | | | | |
| 90 | B | | 732.0 ⁽¹⁾ | 613.0* | 721.0 ⁽¹⁾ | 624.0* | 707.0 ⁽¹⁾ | 595.0* | 668.0 ⁽¹⁾ | 522.0* | 550.0 ⁽¹⁾ | 434.0* | 435.0 ⁽¹⁾ | 336.0 | 339.0 ⁽¹⁾ | 263.0 | 263.0 | | | | | | |
| | BV | | 837.0 ⁽¹⁾ | 614.0* | 807.0 ⁽¹⁾ | 647.0* | 778.0 ⁽¹⁾ | 616.0* | 716.0 ⁽¹⁾ | 537.0* | 566.0 ⁽¹⁾ | 442.0* | 443.0 ⁽¹⁾ | 339.0 | 342.0 ⁽¹⁾ | 264.0 | 264.0 | | | | | | |
| 95 | B | 694.0 ⁽³⁾ | 560.0* | 685.0 ⁽²⁾ | 595.0* | 674.0 ⁽¹⁾ | 570.0* | 659.0 ⁽¹⁾ | 508.0* | 548.0 ⁽¹⁾ | 428.0* | 433.0 ⁽¹⁾ | 332.0 | 338.0 ⁽¹⁾ | 260.0 | 260.0 | 227.0 | 227.0 | | | | | |
| | BV | 796.0 ⁽⁴⁾ | 561.0* | 779.0 ⁽³⁾ | 621.0* | 756.0 ⁽²⁾ | 596.0* | 715.0 ⁽¹⁾ | 523.0* | 567.0 ⁽¹⁾ | 437.0* | 443.0 ⁽¹⁾ | 335.0 | 342.0 ⁽¹⁾ | 262.0 | 262.0 | 227.0 | 227.0 | | | | | |
| 100 | B | 660.0 ⁽³⁾ | 503.0* | 652.0 ⁽³⁾ | 569.0* | 642.0 ⁽²⁾ | 546.0* | 631.0 ⁽¹⁾ | 494.0* | 547.0 ⁽¹⁾ | 421.0* | 432.0 ⁽¹⁾ | 338.0* | 338.0 | 258.0 | 260.0 ⁽¹⁾ | 224.0 | 224.0 | 194.0 | 194.0 | | | |
| | BV | 755.0 ⁽³⁾ | 503.0* | 744.0 ⁽³⁾ | 593.0* | 725.0 ⁽²⁾ | 572.0* | 691.0 ⁽¹⁾ | 509.0* | 567.0 ⁽¹⁾ | 432.0* | 442.0 ⁽¹⁾ | 342.0* | 342.0 | 259.0 | 261.0 ⁽¹⁾ | 224.0 | 224.0 | 195.0 | 195.0 | | | |
| 105 | B | 628.0 ⁽³⁾ | 405.0* | 622.0 ⁽³⁾ | 544.0* | 613.0 ⁽³⁾ | 525.0* | 603.0 ⁽²⁾ | 479.0* | 545.0 ⁽¹⁾ | 414.0* | 431.0 ⁽¹⁾ | 335.0* | 337.0 ⁽¹⁾ | 255.0 | 259.0 ⁽¹⁾ | 221.0 | 223.0 ⁽¹⁾ | 193.0 | 193.0 | 166.0 | 166.0 | |
| | BV | 716.0 ⁽³⁾ | 406.0* | 709.0 ⁽⁴⁾ | 571.0* | 702.0 ⁽³⁾ | 550.0* | 679.0 ⁽²⁾ | 496.0* | 568.0 ⁽¹⁾ | 426.0* | 442.0 ⁽¹⁾ | 340.0* | 342.0 ⁽¹⁾ | 257.0 | 261.0 ⁽¹⁾ | 222.0 | 224.0 ⁽¹⁾ | 193.0 | 193.0 | 166.0 | 166.0 | |
| 110 | B | 597.0 ⁽³⁾ | | 594.0 ⁽⁴⁾ | 523.0* | 585.0 ⁽³⁾ | 506.0* | 577.0 ⁽²⁾ | 465.0* | 540.0 ⁽¹⁾ | 407.0* | 430.0 ⁽¹⁾ | 332.0* | 336.0 ⁽¹⁾ | 257.0* | 259.0 ⁽¹⁾ | 218.0 | 222.0 ⁽¹⁾ | 191.0 | 192.0 ⁽¹⁾ | 164.0 | 164.0 | |
| | BV | 680.0 ⁽³⁾ | | 676.0 ⁽⁴⁾ | 549.0* | 674.0 ⁽⁴⁾ | 530.0* | 653.0 ⁽²⁾ | 483.0* | 566.0 ⁽¹⁾ | 419.0* | 442.0 ⁽¹⁾ | 338.0* | 342.0 ⁽¹⁾ | 255.0 | 261.0 ⁽¹⁾ | 219.0 | 223.0 ⁽¹⁾ | 191.0 | 192.0 ⁽¹⁾ | 165.0 | 165.0 | |
| 115 | B | 566.0 ⁽³⁾ | | 567.0 ⁽⁷⁾ | 503.0* | 559.0 ⁽⁵⁾ | 489.0* | 553.0 ⁽³⁾ | 450.0* | 521.0 ⁽¹⁾ | 400.0* | 429.0 ⁽¹⁾ | 330.0* | 335.0 ⁽¹⁾ | 257.0* | 258.0 ⁽¹⁾ | 215.0 | 221.0 ⁽¹⁾ | 189.0 | 192.0 ⁽¹⁾ | 163.0 | 164.0 ⁽¹⁾ | |
| | BV | 647.0 ⁽⁴⁾ | | 643.0 ⁽⁴⁾ | 520.0* | 647.0 ⁽⁵⁾ | 511.0* | 635.0 ⁽³⁾ | 470.0* | 554.0 ⁽¹⁾ | 412.0* | 442.0 ⁽¹⁾ | 336.0* | 341.0 ⁽¹⁾ | 260.0* | 260.0 | 217.0 | 222.0 ⁽¹⁾ | 190.0 | 192.0 ⁽¹⁾ | 164.0 | 164.0 | |
| 120 | B | 537.0 ⁽¹⁾ | | 541.0 ⁽⁷⁾ | 453.0* | 535.0 ⁽⁵⁾ | 471.0* | 530.0 ⁽⁴⁾ | 436.0* | 507.0 ⁽²⁾ | 393.0* | 427.0 ⁽¹⁾ | 327.0* | 334.0 ⁽¹⁾ | 256.0* | 256.0 | 219.0* | 220.0 ⁽¹⁾ | 187.0 | 191.0 ⁽¹⁾ | 162.0 | 163.0 ⁽¹⁾ | |
| | BV | 617.0 ⁽⁴⁾ | | 613.0 ⁽²⁾ | 457.0* | 619.0 ⁽⁵⁾ | 495.0* | 609.0 ⁽³⁾ | 456.0* | 554.0 ⁽²⁾ | 405.0* | 441.0 ⁽¹⁾ | 334.0* | 341.0 ⁽¹⁾ | 258.0* | 259.0 ⁽¹⁾ | 221.0* | 221.0 | 188.0 | 192.0 ⁽¹⁾ | 162.0 | 164.0 ⁽¹⁾ | |
| 125 | B | 512.0 ⁽¹⁾ | | 515.0 ⁽⁷⁾ | | 513.0 ⁽⁴⁾ | 454.0* | 508.0 ⁽⁴⁾ | 422.0* | 491.0 ⁽²⁾ | 385.0* | 424.0 ⁽¹⁾ | 325.0* | 333.0 ⁽¹⁾ | 254.0* | 255.0 ⁽¹⁾ | 217.0* | 218.0 ⁽¹⁾ | 190.0* | 190.0 | 161.0 | 163.0 ⁽¹⁾ | |
| | BV | 589.0 ⁽³⁾ | | 585.0 ⁽³⁾ | | 593.0 ⁽⁴⁾ | 477.0* | 585.0 ⁽⁴⁾ | 442.0* | 542.0 ⁽²⁾ | 397.0* | 440.0 ⁽¹⁾ | 332.0* | 340.0 ⁽¹⁾ | 257.0* | 258.0 ⁽¹⁾ | 219.0* | 220.0 ⁽¹⁾ | 191.0* | 191.0 | 161.0 | 164.0 ⁽¹⁾ | |
| 130 | B | 489.0 ⁽¹⁾ | | 490.0 ⁽⁸⁾ | | 493.0 ⁽⁷⁾ | 437.0* | 489.0 ⁽⁵⁾ | 410.0* | 472.0 ⁽²⁾ | 375.0* | 417.0 ⁽²⁾ | 322.0* | 333.0 ⁽¹⁾ | 252.0* | 254.0 ⁽¹⁾ | 215.0* | 217.0 ⁽¹⁾ | 189.0* | 189.0 | 162.0* | 162.0 | |
| | BV | 564.0 ⁽¹⁾ | | 560.0 ⁽⁴⁾ | | 567.0 ⁽⁷⁾ | 445.0* | 561.0 ⁽⁵⁾ | 429.0* | 524.0 ⁽²⁾ | 389.0* | 437.0 ⁽¹⁾ | 329.0* | 340.0 ⁽¹⁾ | 255.0* | 258.0 ⁽¹⁾ | 217.0* | 218.0 ⁽¹⁾ | 190.0* | 190.0 | 163.0* | 163.0 | |
| 135 | B | 465.0 ⁽¹⁾ | | 466.0 ⁽⁶⁾ | | 473.0 ⁽⁹⁾ | 413.0* | 470.0 ⁽⁴⁾ | 398.0* | 456.0 ⁽³⁾ | 366.0* | 418.0 ⁽²⁾ | 319.0* | 332.0 ⁽¹⁾ | 250.0* | 253.0 ⁽¹⁾ | 213.0* | 215.0 ⁽¹⁾ | 187.0* | 188.0 ⁽¹⁾ | 161.0* | 161.0 | |
| | BV | 539.0 ⁽¹⁾ | | 537.0 ⁽¹⁾ | | 543.0 ⁽⁶⁾ | 414.0* | 538.0 ⁽⁵⁾ | 416.0* | 517.0 ⁽³⁾ | 381.0* | 438.0 ⁽²⁾ | 326.0* | 340.0 ⁽¹⁾ | 254.0* | 257.0 ⁽¹⁾ | 215.0* | 217.0 ⁽¹⁾ | 189.0* | 189.0 | 162.0* | 162.0 | |
| 140 | B | 442.0 ⁽¹⁾ | | 447.0 ⁽⁸⁾ | | 454.0 ⁽¹⁰⁾ | 377.0* | 451.0 ⁽⁴⁾ | 386.0* | 438.0 ⁽³⁾ | 357.0* | 416.0 ⁽²⁾ | 314.0* | 330.0 ⁽¹⁾ | 249.0* | 252.0 ⁽¹⁾ | 210.0* | 214.0 ⁽¹⁾ | 186.0* | 187.0 ⁽¹⁾ | 160.0* | 160.0 | |
| | BV | 514.0 ⁽¹⁾ | | 515.0 ⁽⁶⁾ | | 518.0 ⁽⁷⁾ | 377.0* | 515.0 ⁽⁵⁾ | 401.0* | 498.0 ⁽³⁾ | 373.0* | 437.0 ⁽²⁾ | 323.0* | 339.0 ⁽¹⁾ | 252.0* | 256.0 ⁽¹⁾ | 213.0* | 216.0 ⁽¹⁾ | 188.0* | 188.0 | 161.0* | 161.0 | |
| 145 | B | 422.0 ⁽¹⁾ | | 430.0 ⁽¹¹⁾ | | 434.0 ⁽¹⁰⁾ | | 432.0 ⁽⁷⁾ | 374.0* | 423.0 ⁽⁴⁾ | 347.0* | 402.0 ⁽²⁾ | 310.0* | 329.0 ⁽²⁾ | 247.0* | 251.0 ⁽¹⁾ | 208.0* | 212.0 ⁽¹⁾ | 185.0* | 186.0 ⁽¹⁾ | 159.0* | 159.0 | |
| | BV | 491.0 ⁽¹⁾ | | 495.0 ⁽⁸⁾ | | 493.0 ⁽⁸⁾ | | 494.0 ⁽⁶⁾ | 384.0* | 480.0 ⁽³⁾ | 363.0* | 429.0 ⁽²⁾ | 319.0* | 337.0 ⁽¹⁾ | 251.0* | 255.0 ⁽¹⁾ | 211.0* | 215.0 ⁽¹⁾ | 186.0* | 187.0 ⁽¹⁾ | 160.0* | 160.0 | |
| 150 | B | 403.0 ⁽¹⁾ | | 413.0 ⁽¹¹⁾ | | 414.0 ⁽¹⁰⁾ | | 416.0 ⁽⁸⁾ | 362.0* | 407.0 ⁽⁴⁾ | 338.0* | 388.0 ⁽³⁾ | 304.0* | 329.0 ⁽²⁾ | 245.0* | 250.0 ⁽¹⁾ | 206.0* | 211.0 ⁽¹⁾ | 183.0* | 185.0 ⁽¹⁾ | 158.0* | 158.0 | |
| | BV | 469.0 ⁽¹⁾ | | 474.0 ⁽⁸⁾ | | 472.0 ⁽⁸⁾ | | 473.0 ⁽⁶⁾ | 367.0* | 461.0 ⁽³⁾ | 353.0* | 425.0 ⁽¹⁾ | 315.0* | 338.0 ⁽²⁾ | 249.0* | 254.0 ⁽¹⁾ | 208.0* | 213.0 ⁽¹⁾ | 185.0* | 186.0 ⁽¹⁾ | 159.0* | 159.0 | |
| 155 | B | 384.0 ⁽¹⁾ | | 396.0 ⁽¹¹⁾ | | 396.0 ⁽¹¹⁾ | | 400.0 ⁽⁹⁾ | 349.0* | 391.0 ⁽⁵⁾ | 329.0* | 385.0 ⁽³⁾ | 300.0* | 329.0 ⁽²⁾ | 244.0* | 249.0 ⁽¹⁾ | 204.0* | 210.0 ⁽¹⁾ | 182.0* | 184.0 ⁽¹⁾ | 157.0* | 157.0 | |
| | BV | 447.0 ⁽¹⁾ | | 454.0 ⁽⁹⁾ | | 453.0 ⁽⁹⁾ | | 453.0 ⁽⁴⁾ | 350.0* | 443.0 ⁽³⁾ | 340.0* | 421.0 ⁽¹⁾ | 310.0* | 338.0 ⁽²⁾ | 247.0* | 253.0 ⁽¹⁾ | 206.0* | 212.0 ⁽¹⁾ | 184.0* | 186.0 ⁽¹⁾ | 158.0* | 158.0 | |
| 160 | B | 366.0 ⁽¹⁾ | | 379.0 ⁽¹¹⁾ | | 378.0 ⁽¹¹⁾ | | 386.0 ⁽¹⁰⁾ | 331.0* | 377.0 ⁽⁵⁾ | 321.0* | 371.0 ⁽³⁾ | 295.0* | 325.0 ⁽²⁾ | 242.0* | 248.0 ⁽²⁾ | 202.0* | 208.0 ⁽¹⁾ | 181.0* | 183.0 ⁽¹⁾ | 156.0* | 156.0 | |
| | BV | 426.0 ⁽¹⁾ | </ | | | | | | | | | | | | | | | | | | | | |



| |
|----------------------|
| 661,400 - 881,850 lb |
| 330,700 - 659,200 lb |
| 110,000 - 328,500 lb |



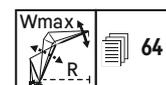
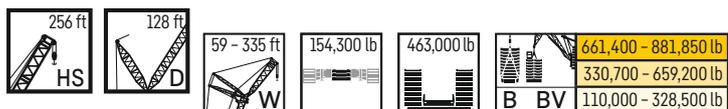
| | | HS 236 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|---------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|----------------------|----------------|-------------------------|----------------|----------------------|----------------|
| ft | B BV | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax | 87/85* Wmax |
| 40 | B | 850.0 | 850.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 856.0 | 856.0 | | | | | | | | | | | | | | | | | | | | |
| 45 | B | 827.0 | 853.0 ⁽¹⁾ | 755.0 | 756.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| | BV | 836.0 | 864.0 ⁽¹⁾ | 761.0 | 761.0 | | | | | | | | | | | | | | | | | | |
| 50 | B | 858.0* | 858.0 | 730.0 | 754.0 ⁽¹⁾ | 681.0 | 681.0 | | | | | | | | | | | | | | | | |
| | BV | 873.0* | 873.0 | 735.0 | 763.0 ⁽¹⁾ | 687.0 | 687.0 | | | | | | | | | | | | | | | | |
| 55 | B | 828.0* | 852.0 ⁽¹⁾ | 701.0 | 754.0 ⁽¹⁾ | 660.0 | 681.0 ⁽¹⁾ | 605.0 | 605.0 | | | | | | | | | | | | | | |
| | BV | 843.0* | 874.0 ⁽¹⁾ | 708.0 | 766.0 ⁽¹⁾ | 668.0 | 690.0 ⁽¹⁾ | 611.0 | 611.0 | | | | | | | | | | | | | | |
| 60 | B | 795.0* | 847.0 ⁽¹⁾ | 733.0* | 751.0 ⁽¹⁾ | 688.0* | 688.0 | 589.0 | 605.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 811.0* | 876.0 ⁽¹⁾ | 746.0* | 767.0 ⁽¹⁾ | 699.0* | 699.0 | 595.0 | 613.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 65 | B | 765.0* | 842.0 ⁽¹⁾ | 710.0* | 750.0 ⁽¹⁾ | 668.0* | 678.0 ⁽¹⁾ | 614.0* | 614.0 | 487.0 | 487.0 | | | | | | | | | | | | |
| | BV | 780.0* | 877.0 ⁽¹⁾ | 721.0* | 769.0 ⁽¹⁾ | 682.0* | 695.0 ⁽¹⁾ | 624.0* | 624.0 | 491.0 | 491.0 | | | | | | | | | | | | |
| 70 | B | 732.0* | 836.0 ⁽¹⁾ | 684.0* | 748.0 ⁽¹⁾ | 649.0* | 677.0 ⁽¹⁾ | 599.0* | 605.0 ⁽¹⁾ | 477.0 | 487.0 ⁽¹⁾ | | | | | | | | | | | | |
| | BV | 751.0* | 879.0 ⁽¹⁾ | 697.0* | 771.0 ⁽¹⁾ | 663.0* | 697.0 ⁽¹⁾ | 610.0* | 618.0 ⁽¹⁾ | 481.0 | 493.0 ⁽¹⁾ | | | | | | | | | | | | |
| 75 | B | 699.0* | 831.0 ⁽¹⁾ | 659.0* | 746.0 ⁽¹⁾ | 629.0* | 675.0 ⁽¹⁾ | 584.0* | 603.0 ⁽¹⁾ | 465.0 | 488.0 ⁽¹⁾ | 388.0 | 388.0 | | | | | | | | | | |
| | BV | 717.0* | 880.0 ⁽¹⁾ | 673.0* | 772.0 ⁽¹⁾ | 643.0* | 699.0 ⁽¹⁾ | 596.0* | 619.0 ⁽¹⁾ | 471.0 | 495.0 ⁽¹⁾ | 391.0 | 391.0 | | | | | | | | | | |
| 80 | B | 666.0* | 794.0 ⁽¹⁾ | 632.0* | 745.0 ⁽¹⁾ | 605.0* | 673.0 ⁽¹⁾ | 570.0* | 601.0 ⁽¹⁾ | 487.0* | 488.0 ⁽¹⁾ | 384.0 | 388.0 ⁽¹⁾ | | | | | | | | | | |
| | BV | 685.0* | 856.0 ⁽¹⁾ | 648.0* | 774.0 ⁽¹⁾ | 622.0* | 701.0 ⁽¹⁾ | 581.0* | 620.0 ⁽¹⁾ | 495.0* | 497.0 ⁽¹⁾ | 387.0 | 391.0 ⁽¹⁾ | | | | | | | | | | |
| 85 | B | 632.0* | 756.0 ⁽¹⁾ | 606.0* | 730.0 ⁽¹⁾ | 581.0* | 671.0 ⁽¹⁾ | 551.0* | 599.0 ⁽¹⁾ | 477.0* | 487.0 ⁽¹⁾ | 378.0 | 389.0 ⁽¹⁾ | 305.0 | 305.0 | | | | | | | | |
| | BV | 633.0* | 829.0 ⁽¹⁾ | 621.0* | 766.0 ⁽¹⁾ | 598.0* | 703.0 ⁽¹⁾ | 564.0* | 621.0 ⁽¹⁾ | 486.0* | 497.0 ⁽¹⁾ | 382.0 | 393.0 ⁽¹⁾ | 306.0 | 306.0 | | | | | | | | |
| 90 | B | | 718.0 ⁽³⁾ | 582.0* | 703.0 ⁽²⁾ | 556.0* | 669.0 ⁽¹⁾ | 529.0* | 597.0 ⁽¹⁾ | 464.0* | 485.0 ⁽¹⁾ | 389.0* | 389.0 | 301.0 | 304.0 ⁽¹⁾ | | | | | | | | |
| | BV | | 801.0 ⁽⁴⁾ | 597.0* | 746.0 ⁽¹⁾ | 575.0* | 705.0 ⁽¹⁾ | 546.0* | 622.0 ⁽¹⁾ | 475.0* | 496.0 ⁽¹⁾ | 394.0* | 394.0 | 303.0 | 306.0 ⁽¹⁾ | | | | | | | | |
| 95 | B | 682.0 ⁽⁴⁾ | 556.0* | 672.0 ⁽²⁾ | 531.0* | 644.0 ⁽¹⁾ | 506.0* | 595.0 ⁽¹⁾ | 452.0* | 483.0 ⁽¹⁾ | 384.0* | 387.0 ⁽¹⁾ | 297.0 | 303.0 ⁽¹⁾ | 235.0 | 235.0 | 204.0 | 204.0 | | | | | |
| | BV | 771.0 ⁽⁵⁾ | 572.0* | 726.0 ⁽¹⁾ | 552.0* | 688.0 ⁽¹⁾ | 526.0* | 622.0 ⁽¹⁾ | 464.0* | 496.0 ⁽¹⁾ | 390.0* | 393.0 ⁽¹⁾ | 300.0 | 306.0 ⁽¹⁾ | 236.0 | 236.0 | | | | | | | |
| 100 | B | 649.0 ⁽⁴⁾ | 526.0* | 641.0 ⁽³⁾ | 509.0* | 625.0 ⁽²⁾ | 486.0* | 584.0 ⁽³⁾ | 440.0* | 482.0 ⁽¹⁾ | 378.0* | 386.0 ⁽¹⁾ | 293.0 | 302.0 ⁽¹⁾ | 233.0 | 235.0 ⁽¹⁾ | 203.0 | 203.0 | 177.0 | 177.0 | | | |
| | BV | 738.0 ⁽⁵⁾ | 523.0* | 706.0 ⁽¹⁾ | 528.0* | 671.0 ⁽²⁾ | 505.0* | 617.0 ⁽¹⁾ | 451.0* | 495.0 ⁽¹⁾ | 384.0* | 393.0 ⁽¹⁾ | 296.0 | 306.0 ⁽¹⁾ | 234.0 | 236.0 ⁽¹⁾ | 204.0 | 204.0 | 178.0 | 178.0 | | | |
| 105 | B | 620.0 ⁽⁴⁾ | 459.0* | 612.0 ⁽⁴⁾ | 490.0* | 599.0 ⁽²⁾ | 467.0* | 570.0 ⁽²⁾ | 427.0* | 480.0 ⁽¹⁾ | 369.0* | 384.0 ⁽¹⁾ | 301.0* | 302.0 ⁽¹⁾ | 230.0 | 234.0 ⁽¹⁾ | 201.0 | 202.0 ⁽¹⁾ | 176.0 | 176.0 | 152.0 | 152.0 | |
| | BV | 705.0 ⁽⁵⁾ | 457.0* | 685.0 ⁽¹⁾ | 508.0* | 655.0 ⁽³⁾ | 485.0* | 606.0 ⁽¹⁾ | 439.0* | 495.0 ⁽¹⁾ | 378.0* | 392.0 ⁽¹⁾ | 305.0* | 306.0 ⁽¹⁾ | 232.0 | 236.0 ⁽¹⁾ | 202.0 | 203.0 ⁽¹⁾ | 176.0 | 176.0 | 150.0 | 150.0 | |
| 110 | B | 592.0 ⁽¹⁾ | | 586.0 ⁽⁵⁾ | 472.0* | 574.0 ⁽³⁾ | 451.0* | 556.0 ⁽²⁾ | 413.0* | 479.0 ⁽¹⁾ | 362.0* | 383.0 ⁽¹⁾ | 298.0* | 301.0 ⁽¹⁾ | 229.0* | 234.0 ⁽¹⁾ | 199.0 | 202.0 ⁽¹⁾ | 175.0 | 175.0 | 150.0 | 150.0 | |
| | BV | 672.0 ⁽²⁾ | | 664.0 ⁽¹⁾ | 490.0* | 636.0 ⁽¹⁾ | 469.0* | 594.0 ⁽¹⁾ | 426.0* | 494.0 ⁽¹⁾ | 372.0* | 392.0 ⁽¹⁾ | 302.0* | 306.0 ⁽¹⁾ | 230.0 | 236.0 ⁽¹⁾ | 200.0 | 203.0 ⁽¹⁾ | 175.0 | 176.0 ⁽¹⁾ | 151.0 | 151.0 | |
| 115 | B | 564.0 ⁽¹⁾ | | 561.0 ⁽⁷⁾ | 456.0* | 549.0 ⁽⁴⁾ | 436.0* | 538.0 ⁽³⁾ | 399.0* | 472.0 ⁽¹⁾ | 356.0* | 383.0 ⁽¹⁾ | 296.0* | 300.0 ⁽¹⁾ | 233.0* | 233.0 | 197.0 | 201.0 ⁽¹⁾ | 174.0 | 175.0 ⁽¹⁾ | 150.0 | 150.0 | |
| | BV | 641.0 ⁽³⁾ | | 635.0 ⁽¹⁾ | 475.0* | 618.0 ⁽¹⁾ | 453.0* | 583.0 ⁽³⁾ | 413.0* | 492.0 ⁽¹⁾ | 365.0* | 391.0 ⁽¹⁾ | 300.0* | 305.0 ⁽¹⁾ | 235.0* | 235.0 | 198.0 | 202.0 ⁽¹⁾ | 174.0 | 176.0 ⁽¹⁾ | 150.0 | 151.0 ⁽¹⁾ | |
| 120 | B | 537.0 ⁽¹⁾ | | 538.0 ⁽⁶⁾ | 439.0* | 527.0 ⁽⁵⁾ | 423.0* | 519.0 ⁽³⁾ | 386.0* | 460.0 ⁽¹⁾ | 349.0* | 379.0 ⁽¹⁾ | 294.0* | 299.0 ⁽¹⁾ | 232.0* | 232.0 | 200.0* | 201.0 ⁽¹⁾ | 172.0 | 175.0 ⁽¹⁾ | 149.0 | 150.0 ⁽¹⁾ | |
| | BV | 611.0 ⁽³⁾ | | 607.0 ⁽¹⁾ | 454.0* | 598.0 ⁽¹⁾ | 439.0* | 572.0 ⁽¹⁾ | 400.0* | 488.0 ⁽¹⁾ | 358.0* | 391.0 ⁽¹⁾ | 298.0* | 305.0 ⁽¹⁾ | 234.0* | 235.0 ⁽¹⁾ | 202.0* | 202.0 | 173.0 | 176.0 ⁽¹⁾ | 149.0 | 150.0 ⁽¹⁾ | |
| 125 | B | 509.0 ⁽¹⁾ | | 514.0 ⁽⁶⁾ | 403.0* | 506.0 ⁽⁴⁾ | 410.0* | 500.0 ⁽⁴⁾ | 374.0* | 459.0 ⁽¹⁾ | 341.0* | 381.0 ⁽¹⁾ | 291.0* | 298.0 ⁽¹⁾ | 231.0* | 231.0 | 199.0* | 199.0 | 175.0* | 175.0 | 148.0* | 150.0 ⁽¹⁾ | |
| | BV | 584.0 ⁽³⁾ | | 580.0 ⁽²⁾ | 406.0* | 573.0 ⁽¹⁾ | 425.0* | 560.0 ⁽¹⁾ | 388.0* | 484.0 ⁽¹⁾ | 351.0* | 390.0 ⁽¹⁾ | 295.0* | 305.0 ⁽¹⁾ | 233.0* | 234.0 ⁽¹⁾ | 200.0* | 201.0 ⁽¹⁾ | 176.0* | 176.0 | 148.0* | 150.0 ⁽¹⁾ | |
| 130 | B | 484.0 ⁽¹⁾ | | 492.0 ⁽¹⁾ | | 487.0 ⁽⁷⁾ | 396.0* | 480.0 ⁽⁴⁾ | 363.0* | 445.0 ⁽¹⁾ | 332.0* | 378.0 ⁽¹⁾ | 288.0* | 297.0 ⁽¹⁾ | 229.0* | 231.0 ⁽¹⁾ | 197.0* | 198.0 ⁽¹⁾ | 174.0* | 174.0 | 149.0* | 149.0 | |
| | BV | 559.0 ⁽³⁾ | | 555.0 ⁽³⁾ | | 548.0 ⁽¹⁾ | 412.0* | 543.0 ⁽¹⁾ | 377.0* | 480.0 ⁽¹⁾ | 343.0* | 389.0 ⁽¹⁾ | 292.0* | 304.0 ⁽¹⁾ | 232.0* | 234.0 ⁽¹⁾ | 199.0* | 200.0 ⁽¹⁾ | 175.0* | 175.0 | 150.0* | 150.0 | |
| 135 | B | 463.0 ⁽¹⁾ | | 470.0 ⁽⁵⁾ | | 469.0 ⁽⁸⁾ | 383.0* | 462.0 ⁽⁵⁾ | 352.0* | 439.0 ⁽³⁾ | 323.0* | 373.0 ⁽¹⁾ | 283.0* | 297.0 ⁽¹⁾ | 228.0* | 230.0 ⁽¹⁾ | 195.0* | 197.0 ⁽¹⁾ | 173.0* | 173.0 | 149.0* | 149.0 | |
| | BV | 535.0 ⁽¹⁾ | | 532.0 ⁽⁴⁾ | | 525.0 ⁽²⁾ | 400.0* | 521.0 ⁽¹⁾ | 366.0* | 476.0 ⁽¹⁾ | 334.0* | 388.0 ⁽¹⁾ | 288.0* | 304.0 ⁽¹⁾ | 231.0* | 233.0 ⁽¹⁾ | 197.0* | 199.0 ⁽¹⁾ | 174.0* | 174.0 | 149.0* | 149.0 | |
| 140 | B | 442.0 ⁽¹⁾ | | 447.0 ⁽⁹⁾ | | 451.0 ⁽⁹⁾ | 371.0* | 446.0 ⁽⁴⁾ | 342.0* | 428.0 ⁽¹⁾ | 314.0* | 372.0 ⁽²⁾ | 279.0* | 296.0 ⁽¹⁾ | 227.0* | 229.0 ⁽¹⁾ | 193.0* | 196.0 ⁽¹⁾ | 171.0* | 172.0 ⁽¹⁾ | 148.0* | 148.0 | |
| | BV | 512.0 ⁽¹⁾ | | 510.0 ⁽⁶⁾ | | 503.0 ⁽³⁾ | 385.0* | 500.0 ⁽¹⁾ | 356.0* | 472.0 ⁽¹⁾ | 325.0* | 382.0 ⁽¹⁾ | 284.0* | 304.0 ⁽¹⁾ | 229.0* | 233.0 ⁽¹⁾ | 195.0* | 198.0 ⁽¹⁾ | 173.0* | 173.0 | 148.0* | 149.0 ⁽¹⁾ | |
| 145 | B | 421.0 ⁽¹⁾ | | 427.0 ⁽⁸⁾ | | 433.0 ⁽¹⁰⁾ | 339.0* | 430.0 ⁽⁷⁾ | 333.0* | 412.0 ⁽³⁾ | 305.0* | 368.0 ⁽²⁾ | 275.0* | 295.0 ⁽¹⁾ | 225.0* | 228.0 ⁽¹⁾ | 191.0* | 195.0 ⁽¹⁾ | 170.0* | 171.0 ⁽¹⁾ | 147.0* | 147.0 | |
| | BV | 489.0 ⁽¹⁾ | | 491.0 ⁽⁹⁾ | | 483.0 ⁽⁴⁾ | 341.0* | 480.0 ⁽²⁾ | 346.0* | 468.0 ⁽¹⁾ | 317.0* | 384.0 ⁽¹⁾ | 280.0* | 303.0 ⁽¹⁾ | 228.0* | 232.0 ⁽¹⁾ | 193.0* | 197.0 ⁽¹⁾ | 172.0* | 173.0 ⁽¹⁾ </ | | | |



| ft | HS 256 ft | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----------|--------|----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|--|--|
| | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | | |
| 40 | B | 783.0 | 783.0 | | | | | | | | | | | | | | | | | | | | | |
| | BV | 788.0 | 788.0 | | | | | | | | | | | | | | | | | | | | | |
| 45 | B | 753.0 | 776.0 ⁽³⁾ | 688.0 | 688.0 | | | | | | | | | | | | | | | | | | | |
| | BV | 760.0 | 784.0 ⁽³⁾ | 692.0 | 692.0 | | | | | | | | | | | | | | | | | | | |
| 50 | B | 724.0 | 774.0 ⁽³⁾ | 664.0 | 682.0 ⁽³⁾ | 621.0 | 621.0 | | | | | | | | | | | | | | | | | |
| | BV | 731.0 | 785.0 ⁽³⁾ | 670.0 | 689.0 ⁽³⁾ | 625.0 | 625.0 | | | | | | | | | | | | | | | | | |
| 55 | B | 756.0* | 771.0 ⁽³⁾ | 641.0 | 682.0 ⁽³⁾ | 602.0 | 617.0 ⁽³⁾ | 553.0 | 553.0 | | | | | | | | | | | | | | | |
| | BV | 769.0* | 786.0 ⁽³⁾ | 648.0 | 691.0 ⁽³⁾ | 608.0 | 624.0 ⁽³⁾ | 557.0 | 557.0 | | | | | | | | | | | | | | | |
| 60 | B | 728.0* | 768.0 ⁽³⁾ | 672.0* | 679.0 ⁽³⁾ | 583.0 | 617.0 ⁽³⁾ | 538.0 | 550.0 ⁽³⁾ | | | | | | | | | | | | | | | |
| | BV | 742.0* | 786.0 ⁽³⁾ | 682.0* | 692.0 ⁽³⁾ | 589.0 | 626.0 ⁽³⁾ | 544.0 | 556.0 ⁽³⁾ | | | | | | | | | | | | | | | |
| 65 | B | 702.0* | 766.0 ⁽³⁾ | 650.0* | 676.0 ⁽³⁾ | 613.0* | 615.0 ⁽³⁾ | 524.0 | 550.0 ⁽³⁾ | 445.0 | 445.0 | | | | | | | | | | | | | |
| | BV | 714.0* | 787.0 ⁽³⁾ | 660.0* | 692.0 ⁽³⁾ | 622.0* | 627.0 ⁽³⁾ | 529.0 | 558.0 ⁽³⁾ | 448.0 | 448.0 | | | | | | | | | | | | | |
| 70 | B | 676.0* | 764.0 ⁽³⁾ | 627.0* | 674.0 ⁽³⁾ | 594.0* | 613.0 ⁽³⁾ | 549.0* | 550.0 ⁽³⁾ | 435.0 | 442.0 ⁽³⁾ | | | | | | | | | | | | | |
| | BV | 688.0* | 787.0 ⁽³⁾ | 639.0* | 693.0 ⁽³⁾ | 606.0* | 627.0 ⁽³⁾ | 557.0* | 559.0 ⁽³⁾ | 439.0 | 447.0 ⁽³⁾ | | | | | | | | | | | | | |
| 75 | B | 648.0* | 761.0 ⁽³⁾ | 607.0* | 672.0 ⁽³⁾ | 577.0* | 610.0 ⁽³⁾ | 535.0* | 547.0 ⁽³⁾ | 426.0 | 443.0 ⁽³⁾ | 359.0 | 359.0 | | | | | | | | | | | |
| | BV | 663.0* | 788.0 ⁽³⁾ | 617.0* | 693.0 ⁽³⁾ | 589.0* | 628.0 ⁽³⁾ | 545.0* | 559.0 ⁽³⁾ | 430.0 | 449.0 ⁽³⁾ | 362.0 | 362.0 | | | | | | | | | | | |
| 80 | B | 621.0* | 752.0 ⁽³⁾ | 587.0* | 670.0 ⁽³⁾ | 561.0* | 608.0 ⁽³⁾ | 521.0* | 545.0 ⁽³⁾ | 443.0* | 444.0 ⁽³⁾ | 352.0 | 357.0 ⁽³⁾ | | | | | | | | | | | |
| | BV | 639.0* | 784.0 ⁽³⁾ | 597.0* | 694.0 ⁽³⁾ | 572.0* | 628.0 ⁽³⁾ | 531.0* | 559.0 ⁽³⁾ | 419.0 | 450.0 ⁽³⁾ | 356.0 | 360.0 ⁽³⁾ | | | | | | | | | | | |
| 85 | B | 599.0* | 725.0 ⁽²⁾ | 562.0* | 667.0 ⁽³⁾ | 541.0* | 606.0 ⁽³⁾ | 506.0* | 542.0 ⁽³⁾ | 435.0* | 442.0 ⁽³⁾ | 345.0 | 356.0 ⁽³⁾ | 283.0 | 283.0 | | | | | | | | | |
| | BV | 617.0* | 765.0 ⁽³⁾ | 577.0* | 694.0 ⁽³⁾ | 553.0* | 628.0 ⁽³⁾ | 518.0* | 559.0 ⁽³⁾ | 443.0* | 450.0 ⁽³⁾ | 350.0 | 361.0 ⁽³⁾ | 285.0 | 285.0 | | | | | | | | | |
| 90 | B | | 698.0 ⁽³⁾ | 538.0* | 649.0 ⁽³⁾ | 520.0* | 604.0 ⁽³⁾ | 491.0* | 540.0 ⁽³⁾ | 424.0* | 440.0 ⁽³⁾ | 337.0 | 355.0 ⁽³⁾ | 280.0 | 282.0 ⁽³⁾ | | | | | | | | | |
| | BV | | 746.0 ⁽³⁾ | 555.0* | 685.0 ⁽³⁾ | 534.0* | 629.0 ⁽³⁾ | 503.0* | 558.0 ⁽³⁾ | 432.0* | 449.0 ⁽³⁾ | 342.0 | 361.0 ⁽³⁾ | 282.0 | 284.0 ⁽³⁾ | | | | | | | | | |
| 95 | B | | 666.0 ⁽⁴⁾ | 514.0* | 629.0 ⁽²⁾ | 497.0* | 597.0 ⁽³⁾ | 472.0* | 538.0 ⁽³⁾ | 413.0* | 438.0 ⁽³⁾ | 352.0* | 355.0 ⁽³⁾ | 277.0 | 281.0 ⁽³⁾ | 220.0 | 220.0 | | | | | | | |
| | BV | | 726.0 ⁽³⁾ | 535.0* | 673.0 ⁽³⁾ | 513.0* | 626.0 ⁽³⁾ | 487.0* | 558.0 ⁽³⁾ | 422.0* | 449.0 ⁽³⁾ | 357.0* | 361.0 ⁽³⁾ | 279.0 | 284.0 ⁽³⁾ | 220.0 | 220.0 | | | | | | | |
| 100 | B | | 636.0 ⁽³⁾ | 494.0* | 608.0 ⁽³⁾ | 475.0* | 578.0 ⁽³⁾ | 454.0* | 536.0 ⁽³⁾ | 402.0* | 436.0 ⁽³⁾ | 345.0* | 354.0 ⁽³⁾ | 271.0 | 281.0 ⁽³⁾ | 217.0 | 219.0 ⁽³⁾ | 190.0 | 190.0 | | | | | |
| | BV | | 707.0 ⁽³⁾ | 514.0* | 661.0 ⁽³⁾ | 491.0* | 616.0 ⁽³⁾ | 469.0* | 558.0 ⁽³⁾ | 411.0* | 448.0 ⁽³⁾ | 350.0* | 360.0 ⁽³⁾ | 274.0 | 284.0 ⁽³⁾ | 218.0 | 220.0 ⁽³⁾ | 190.0 | 190.0 | | | | | |
| 105 | B | | 607.0 ⁽³⁾ | 474.0* | 590.0 ⁽⁴⁾ | 455.0* | 562.0 ⁽²⁾ | 437.0* | 524.0 ⁽³⁾ | 391.0* | 435.0 ⁽³⁾ | 338.0* | 352.0 ⁽³⁾ | 280.0* | 280.0 | 215.0 | 219.0 ⁽³⁾ | 189.0 | 189.0 | 165.0 | 165.0 | | | |
| | BV | | 688.0 ⁽³⁾ | 489.0* | 649.0 ⁽³⁾ | 472.0* | 606.0 ⁽³⁾ | 451.0* | 553.0 ⁽³⁾ | 402.0* | 448.0 ⁽³⁾ | 344.0* | 359.0 ⁽³⁾ | 283.0* | 284.0 ⁽³⁾ | 217.0 | 220.0 ⁽³⁾ | 189.0 | 190.0 ⁽³⁾ | 165.0 | 165.0 | | | |
| 110 | B | | 581.0 ⁽³⁾ | | 571.0 ⁽³⁾ | 440.0* | 552.0 ⁽³⁾ | 423.0* | 517.0 ⁽³⁾ | 381.0* | 433.0 ⁽³⁾ | 332.0* | 351.0 ⁽³⁾ | 278.0* | 280.0 ⁽³⁾ | 214.0 | 218.0 ⁽³⁾ | 187.0 | 189.0 ⁽³⁾ | 164.0 | 164.0 | 142.0 | | |
| | BV | | 659.0 ⁽³⁾ | | 637.0 ⁽³⁾ | 457.0* | 597.0 ⁽³⁾ | 435.0* | 547.0 ⁽³⁾ | 392.0* | 447.0 ⁽³⁾ | 338.0* | 358.0 ⁽³⁾ | 281.0* | 283.0 ⁽³⁾ | 215.0 | 220.0 ⁽³⁾ | 188.0 | 190.0 ⁽³⁾ | 164.0 | 165.0 ⁽³⁾ | 142.0 | | |
| 115 | B | | 556.0 ⁽³⁾ | | 548.0 ⁽⁴⁾ | 426.0* | 534.0 ⁽⁴⁾ | 407.0* | 502.0 ⁽²⁾ | 369.0* | 432.0 ⁽³⁾ | 326.0* | 350.0 ⁽³⁾ | 275.0* | 279.0 ⁽³⁾ | 219.0* | 219.0 | 185.0 | 189.0 ⁽³⁾ | 163.0 | 164.0 ⁽³⁾ | 141.0 | | |
| | BV | | 631.0 ⁽³⁾ | | 623.0 ⁽³⁾ | 443.0* | 587.0 ⁽³⁾ | 421.0* | 541.0 ⁽³⁾ | 381.0* | 447.0 ⁽³⁾ | 332.0* | 358.0 ⁽³⁾ | 278.0* | 283.0 ⁽³⁾ | 220.0* | 220.0 | 186.0 | 190.0 ⁽³⁾ | 164.0 | 165.0 ⁽³⁾ | 141.0 | | |
| 120 | B | | 530.0 ⁽³⁾ | | 526.0 ⁽³⁾ | 412.0* | 515.0 ⁽⁴⁾ | 393.0* | 493.0 ⁽³⁾ | 358.0* | 425.0 ⁽³⁾ | 320.0* | 349.0 ⁽³⁾ | 271.0* | 278.0 ⁽³⁾ | 217.0* | 218.0 ⁽³⁾ | 183.0 | 189.0 ⁽³⁾ | 162.0 | 164.0 ⁽³⁾ | 140.0 | | |
| | BV | | 603.0 ⁽³⁾ | | 597.0 ⁽³⁾ | 430.0* | 577.0 ⁽³⁾ | 408.0* | 524.0 ⁽³⁾ | 369.0* | 445.0 ⁽³⁾ | 326.0* | 357.0 ⁽³⁾ | 275.0* | 282.0 ⁽³⁾ | 219.0* | 220.0 ⁽³⁾ | 184.0 | 190.0 ⁽³⁾ | 163.0 | 165.0 ⁽³⁾ | 140.0 | | |
| 125 | B | | 505.0 ⁽³⁾ | | 506.0 ⁽³⁾ | 401.0* | 495.0 ⁽³⁾ | 381.0* | 478.0 ⁽⁴⁾ | 347.0* | 417.0 ⁽³⁾ | 313.0* | 349.0 ⁽³⁾ | 268.0* | 277.0 ⁽³⁾ | 216.0* | 217.0 ⁽³⁾ | 188.0* | 188.0 | 161.0 | 164.0 ⁽³⁾ | 139.0 | | |
| | BV | | 576.0 ⁽⁴⁾ | | 572.0 ⁽²⁾ | 412.0* | 562.0 ⁽³⁾ | 396.0* | 530.0 ⁽³⁾ | 358.0* | 442.0 ⁽³⁾ | 321.0* | 356.0 ⁽³⁾ | 272.0* | 282.0 ⁽³⁾ | 218.0* | 220.0 ⁽³⁾ | 189.0* | 190.0 ⁽³⁾ | 162.0 | 165.0 ⁽³⁾ | 140.0 | | |
| 130 | B | | 480.0 ⁽³⁾ | | 486.0 ⁽³⁾ | | 477.0 ⁽⁴⁾ | 370.0* | 469.0 ⁽⁴⁾ | 337.0* | 412.0 ⁽²⁾ | 306.0* | 349.0 ⁽³⁾ | 264.0* | 277.0 ⁽³⁾ | 215.0* | 216.0 ⁽⁴⁾ | 186.0* | 187.0 ⁽³⁾ | 164.0* | 164.0 | 138.0* | | |
| | BV | | 551.0 ⁽⁴⁾ | | 540.0 ⁽³⁾ | | 540.0 ⁽²⁾ | 385.0* | 524.0 ⁽³⁾ | 347.0* | 440.0 ⁽³⁾ | 314.0* | 358.0 ⁽³⁾ | 268.0* | 281.0 ⁽³⁾ | 217.0* | 219.0 ⁽³⁾ | 188.0* | 189.0 ⁽³⁾ | 165.0* | 165.0 | 140.0 | | |
| 135 | B | | 457.0 ⁽³⁾ | | 466.0 ⁽³⁾ | | 459.0 ⁽⁷⁾ | 360.0* | 453.0 ⁽³⁾ | 328.0* | 402.0 ⁽³⁾ | 298.0* | 346.0 ⁽³⁾ | 260.0* | 276.0 ⁽³⁾ | 213.0* | 216.0 ⁽⁴⁾ | 185.0* | 186.0 ⁽³⁾ | 163.0* | 163.0 | 141.0* | | |
| | BV | | 528.0 ⁽³⁾ | | 524.0 ⁽⁴⁾ | | 517.0 ⁽²⁾ | 375.0* | 511.0 ⁽³⁾ | 338.0* | 438.0 ⁽³⁾ | 307.0* | 354.0 ⁽³⁾ | 265.0* | 281.0 ⁽³⁾ | 216.0* | 219.0 ⁽³⁾ | 186.0* | 188.0 ⁽³⁾ | 164.0* | 165.0 ⁽³⁾ | 141.0* | | |
| 140 | B | | 438.0 ⁽³⁾ | | 445.0 ⁽³⁾ | | 443.0 ⁽⁸⁾ | 350.0* | 436.0 ⁽³⁾ | 318.0* | 397.0 ⁽³⁾ | 291.0* | 343.0 ⁽³⁾ | 257.0* | 276.0 ⁽³⁾ | 212.0* | 215.0 ⁽⁴⁾ | 183.0* | 185.0 ⁽³⁾ | 162.0* | 163.0 ⁽³⁾ | 140.0* | | |
| | BV | | 507.0 ⁽³⁾ | | 503.0 ⁽²⁾ | | 496.0 ⁽²⁾ | 364.0* | 491.0 ⁽³⁾ | 328.0* | 435.0 ⁽³⁾ | 299.0* | 352.0 ⁽³⁾ | 261.0* | 281.0 ⁽³⁾ | 214.0* | 218.0 ⁽³⁾ | 184.0* | 187.0 ⁽³⁾ | 164.0* | 164.0 | 141.0* | | |
| 145 | B | | 418.0 ⁽³⁾ | | 424.0 ⁽³⁾ | | 428.0 ⁽¹⁰⁾ | 343.0* | 422.0 ⁽⁶⁾ | 308.0* | 387.0 ⁽³⁾ | 283.0* | 339.0 ⁽³⁾ | 253.0* | 276.0 ⁽³⁾ | 210.0* | 214.0 ⁽⁴⁾ | 181.0* | 184.0 ⁽³⁾ | 161.0* | 162.0 ⁽³⁾ | 139.0* | | |
| | BV | | 485.0 ⁽³⁾ | | 484.0 ⁽⁴⁾ | | 477.0 ⁽³⁾ | 351.0* | 473.0 ⁽²⁾ | 319.0* | 433.0 ⁽³⁾ | 292.0* | 351.0 ⁽³⁾ | 257.0* | 280.0 ⁽³⁾ | 212.0* | 218.0 ⁽³⁾ | 183.0* | 186.0 ⁽³⁾ | 163.0* | 163.0 | 140.0* | | |
| 150 | B | | 399.0 ⁽³⁾ | | 404.0 ⁽¹¹⁾ | | 412.0 ⁽¹¹⁾ | | 408.0 ⁽⁷⁾ | 299.0* | 381.0 ⁽⁴⁾ | 276.0* | 336.0 ⁽³⁾ | 248.0* | 274.0 ⁽³⁾ | 208.0* | 214.0 ⁽⁴⁾ | 179.0* | 183.0 ⁽³⁾ | 160.0* | 161.0 ⁽³⁾ | 138.0* | | |
| | BV | | 464.0 ⁽³⁾ | | 464.0 ⁽⁴⁾ | | 458.0 ⁽⁴⁾ | | 455.0 ⁽³⁾ | 311.0* | 403.0 ⁽³⁾ | 284.0* | 349.0 ⁽³⁾ | 253.0* | 279.0 ⁽³⁾ | 210.0* | 215.0 ⁽⁴⁾ | 181.0* | 185.0 ⁽³⁾ | 162.0* | 163.0 ⁽³⁾ | 139.0* | | |
| 155 | B | | 380.0 ⁽³⁾ | | 388.0 ⁽¹⁰⁾ | | 395.0 ⁽¹¹⁾ | | 395.0 ⁽⁸⁾ | 291.0* | 371.0 ⁽⁴⁾ | 269.0* | 333.0 ⁽³⁾ | 243.0* | 272.0 ⁽³⁾ | 206.0* | 213.0 ⁽⁴⁾ | 177.0* | 182.0 ⁽³⁾ | 159.0* | 160.0 ⁽³⁾ | | | |

HSDWB / HSDWBV

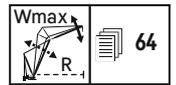
HS 256 ft



| ft | | HS 256 ft | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|-----------|----------------------|---------|-----------------------|---------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | |
| B | BV | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 210 | B | | 231.0 ⁽⁹⁾ | | 241.0 ⁽¹⁰⁾ | | 246.0 ⁽¹¹⁾ | | 256.0 ⁽¹¹⁾ | | 263.0 ⁽¹⁰⁾ | | 262.0 ⁽⁷⁾ | 189.0* | 242.0 ⁽²⁾ | 171.0* | 205.0 ⁽²⁾ | 155.0* | 171.0 ⁽²⁾ | 144.0* | 154.0 ⁽²⁾ | 126.0* | 132.0 ⁽²⁾ | |
| | BV | | 277.0 ⁽⁹⁾ | | 287.0 ⁽¹⁰⁾ | | 291.0 ⁽¹¹⁾ | | 301.0 ⁽¹¹⁾ | | 295.0 ⁽⁷⁾ | | 285.0 ⁽³⁾ | 196.0* | 263.0 ⁽²⁾ | 177.0* | 209.0 ⁽²⁾ | 158.0* | 174.0 ⁽²⁾ | 147.0* | 157.0 ⁽²⁾ | 128.0* | 134.0 ⁽²⁾ | |
| 220 | B | | 212.0 ⁽⁸⁾ | | 221.0 ⁽⁹⁾ | | 225.0 ⁽¹⁰⁾ | | 236.0 ⁽¹¹⁾ | | 244.0 ⁽¹¹⁾ | | 186.0* | 246.0 ⁽⁸⁾ | 179.0* | 232.0 ⁽⁹⁾ | 164.0* | 203.0 ⁽²⁾ | 151.0* | 168.0 ⁽³⁾ | 140.0* | 152.0 ⁽³⁾ | 123.0* | 130.0 ⁽²⁾ |
| | BV | | 256.0 ⁽⁸⁾ | | 265.0 ⁽⁹⁾ | | 268.0 ⁽¹⁰⁾ | | 279.0 ⁽¹¹⁾ | | 279.0 ⁽⁹⁾ | | 188.0* | 270.0 ⁽⁴⁾ | 186.0* | 259.0 ⁽³⁾ | 169.0* | 208.0 ⁽³⁾ | 154.0* | 172.0 ⁽³⁾ | 143.0* | 156.0 ⁽³⁾ | 125.0* | 132.0 ⁽²⁾ |
| 230 | B | | 195.0 ⁽⁸⁾ | | 204.0 ⁽⁹⁾ | | 206.0 ⁽¹⁰⁾ | | 217.0 ⁽¹¹⁾ | | 226.0 ⁽¹¹⁾ | | 230.0 ⁽⁸⁾ | 169.0* | 226.0 ⁽⁹⁾ | 156.0* | 198.0 ⁽³⁾ | 146.0* | 166.0 ⁽³⁾ | 136.0* | 151.0 ⁽³⁾ | 120.0* | 129.0 ⁽³⁾ | |
| | BV | | 237.0 ⁽⁸⁾ | | 245.0 ⁽⁹⁾ | | 247.0 ⁽¹⁰⁾ | | 258.0 ⁽¹¹⁾ | | 265.0 ⁽¹¹⁾ | | 255.0 ⁽³⁾ | 176.0* | 246.0 ⁽³⁾ | 162.0* | 207.0 ⁽³⁾ | 150.0* | 170.0 ⁽³⁾ | 139.0* | 154.0 ⁽³⁾ | 122.0* | 131.0 ⁽³⁾ | |
| 240 | B | | 180.0 ⁽⁷⁾ | | 187.0 ⁽⁸⁾ | | 188.0 ⁽⁹⁾ | | 198.0 ⁽¹⁰⁾ | | 211.0 ⁽¹¹⁾ | | 214.0 ⁽⁹⁾ | 160.0* | 212.0 ⁽⁹⁾ | 148.0* | 194.0 ⁽³⁾ | 140.0* | 164.0 ⁽³⁾ | 130.0* | 149.0 ⁽³⁾ | 117.0* | 128.0 ⁽³⁾ | |
| | BV | | 220.0 ⁽⁷⁾ | | 227.0 ⁽⁸⁾ | | 228.0 ⁽⁹⁾ | | 238.0 ⁽¹⁰⁾ | | 249.0 ⁽¹¹⁾ | | 241.0 ⁽⁶⁾ | 167.0* | 234.0 ⁽³⁾ | 154.0* | 205.0 ⁽³⁾ | 144.0* | 169.0 ⁽³⁾ | 134.0* | 153.0 ⁽³⁾ | 119.0* | 130.0 ⁽³⁾ | |
| 250 | B | | | | 172.0 ⁽⁸⁾ | | 173.0 ⁽⁹⁾ | | 182.0 ⁽¹⁰⁾ | | 195.0 ⁽¹¹⁾ | | 200.0 ⁽⁹⁾ | 151.0* | 201.0 ⁽⁷⁾ | 140.0* | 186.0 ⁽³⁾ | 133.0* | 162.0 ⁽³⁾ | 125.0* | 148.0 ⁽³⁾ | 113.0* | 126.0 ⁽³⁾ | |
| | BV | | | | 211.0 ⁽⁸⁾ | | 211.0 ⁽⁹⁾ | | 220.0 ⁽¹⁰⁾ | | 233.0 ⁽¹¹⁾ | | 230.0 ⁽⁸⁾ | 158.0* | 222.0 ⁽⁴⁾ | 146.0* | 201.0 ⁽³⁾ | 137.0* | 167.0 ⁽³⁾ | 129.0* | 151.0 ⁽³⁾ | 116.0* | 129.0 ⁽³⁾ | |
| 260 | B | | | | 158.0 ⁽⁷⁾ | | 158.0 ⁽⁸⁾ | | 167.0 ⁽⁹⁾ | | 181.0 ⁽¹¹⁾ | | 188.0 ⁽¹⁰⁾ | 139.0* | 188.0 ⁽⁷⁾ | 132.0* | 180.0 ⁽⁶⁾ | 126.0* | 159.0 ⁽⁴⁾ | 119.0* | 146.0 ⁽³⁾ | 110.0* | 125.0 ⁽³⁾ | |
| | BV | | | | 195.0 ⁽⁷⁾ | | 195.0 ⁽⁸⁾ | | 203.0 ⁽⁹⁾ | | 217.0 ⁽¹¹⁾ | | 218.0 ⁽⁸⁾ | 139.0* | 211.0 ⁽⁹⁾ | 138.0* | 200.0 ⁽⁴⁾ | 130.0* | 165.0 ⁽³⁾ | 123.0* | 150.0 ⁽³⁾ | 113.0* | 127.0 ⁽³⁾ | |
| 270 | B | | | | | | 145.0 ⁽⁸⁾ | | 153.0 ⁽⁹⁾ | | 166.0 ⁽¹¹⁾ | | 177.0 ⁽¹¹⁾ | | 177.0 ⁽⁸⁾ | 126.0* | 171.0 ⁽⁶⁾ | 119.0* | 157.0 ⁽⁴⁾ | 113.0* | 144.0 ⁽⁴⁾ | 105.0* | 123.0 ⁽³⁾ | |
| | BV | | | | | | 180.0 ⁽⁸⁾ | | 188.0 ⁽⁹⁾ | | 201.0 ⁽¹¹⁾ | | 207.0 ⁽⁹⁾ | | 201.0 ⁽⁶⁾ | 131.0* | 193.0 ⁽⁴⁾ | 123.0* | 163.0 ⁽⁴⁾ | 117.0* | 148.0 ⁽³⁾ | 109.0* | 126.0 ⁽³⁾ | |
| 280 | B | | | | | | 132.0 ⁽⁷⁾ | | 140.0 ⁽⁸⁾ | | 151.0 ⁽¹⁰⁾ | | 166.0 ⁽¹¹⁾ | | 166.0 ⁽⁸⁾ | 119.0* | 163.0 ⁽⁷⁾ | 113.0* | 153.0 ⁽⁴⁾ | 107.0* | 142.0 ⁽⁴⁾ | 100.0* | 121.0 ⁽³⁾ | |
| | BV | | | | | | 167.0 ⁽⁷⁾ | | 174.0 ⁽⁸⁾ | | 185.0 ⁽¹⁰⁾ | | 196.0 ⁽⁹⁾ | | 191.0 ⁽⁷⁾ | 124.0* | 185.0 ⁽⁴⁾ | 117.0* | 161.0 ⁽⁴⁾ | 111.0* | 147.0 ⁽⁴⁾ | 104.0* | 124.0 ⁽³⁾ | |
| 290 | B | | | | | | | | 127.0 ⁽⁸⁾ | | 138.0 ⁽¹⁰⁾ | | 155.0 ⁽¹¹⁾ | | 157.0 ⁽⁹⁾ | 112.0* | 154.0 ⁽⁷⁾ | 107.0* | 147.0 ⁽⁵⁾ | 102.0* | 140.0 ⁽⁴⁾ | 94.7* | 120.0 ⁽⁴⁾ | |
| | BV | | | | | | | | 161.0 ⁽¹⁰⁾ | | 171.0 ⁽¹⁰⁾ | | 187.0 ⁽¹¹⁾ | | 182.0 ⁽⁷⁾ | 117.0* | 176.0 ⁽⁴⁾ | 111.0* | 158.0 ⁽⁵⁾ | 105.0* | 145.0 ⁽⁴⁾ | 98.3* | 123.0 ⁽⁴⁾ | |
| 300 | B | | | | | | | | 116.0 ⁽⁷⁾ | | 126.0 ⁽⁹⁾ | | 143.0 ⁽¹¹⁾ | | 150.0 ⁽¹⁰⁾ | 104.0* | 146.0 ⁽⁷⁾ | 101.0* | 140.0 ⁽⁵⁾ | 96.0* | 134.0 ⁽⁵⁾ | 89.6* | 119.0 ⁽⁴⁾ | |
| | BV | | | | | | | | 149.0 ⁽⁷⁾ | | 158.0 ⁽⁹⁾ | | 175.0 ⁽¹¹⁾ | | 175.0 ⁽¹¹⁾ | 104.0* | 168.0 ⁽⁵⁾ | 105.0* | 156.0 ⁽⁴⁾ | 99.3* | 143.0 ⁽⁴⁾ | 93.0* | 122.0 ⁽⁴⁾ | |
| 310 | B | | | | | | | | | | 115.0 ⁽⁹⁾ | | 131.0 ⁽¹¹⁾ | | 142.0 ⁽¹¹⁾ | | 139.0 ⁽⁸⁾ | 95.8* | 134.0 ⁽⁶⁾ | 90.4* | 131.0 ⁽⁵⁾ | 84.6* | 117.0 ⁽⁵⁾ | |
| | BV | | | | | | | | | | 146.0 ⁽⁹⁾ | | 162.0 ⁽¹¹⁾ | | 165.0 ⁽⁸⁾ | | 160.0 ⁽⁵⁾ | 98.3* | 153.0 ⁽⁴⁾ | 93.8* | 142.0 ⁽⁵⁾ | 87.9* | 121.0 ⁽⁴⁾ | |
| 320 | B | | | | | | | | | | 104.0 ⁽⁸⁾ | | 119.0 ⁽¹⁰⁾ | | 133.0 ⁽¹¹⁾ | | 132.0 ⁽⁸⁾ | 87.7* | 127.0 ⁽⁷⁾ | 85.3* | 123.0 ⁽⁶⁾ | 79.8* | 116.0 ⁽⁵⁾ | |
| | BV | | | | | | | | | | 134.0 ⁽⁸⁾ | | 149.0 ⁽¹⁰⁾ | | 158.0 ⁽⁹⁾ | | 153.0 ⁽⁶⁾ | 87.6* | 147.0 ⁽⁴⁾ | 88.6* | 139.0 ⁽⁴⁾ | 83.1* | 120.0 ⁽⁵⁾ | |
| 330 | B | | | | | | | | | | 94.0 ⁽⁸⁾ | | 109.0 ⁽¹⁰⁾ | | 123.0 ⁽¹¹⁾ | | 126.0 ⁽⁹⁾ | | 122.0 ⁽⁸⁾ | 80.7* | 118.0 ⁽⁷⁾ | 75.0* | 111.0 ⁽⁵⁾ | |
| | BV | | | | | | | | | | 123.0 ⁽⁸⁾ | | 138.0 ⁽¹⁰⁾ | | 151.0 ⁽¹⁰⁾ | | 146.0 ⁽⁶⁾ | | 142.0 ⁽⁵⁾ | 83.1* | 137.0 ⁽⁴⁾ | 78.3* | 119.0 ⁽⁵⁾ | |
| 340 | B | | | | | | | | | | 84.8 ⁽⁷⁾ | | 98.3 ⁽⁹⁾ | | 113.0 ⁽¹¹⁾ | | 120.0 ⁽¹⁰⁾ | | 116.0 ⁽⁸⁾ | 73.1* | 113.0 ⁽⁷⁾ | 70.3* | 109.0 ⁽⁶⁾ | |
| | BV | | | | | | | | | | 113.0 ⁽⁷⁾ | | 126.0 ⁽⁹⁾ | | 140.0 ⁽¹⁰⁾ | | 140.0 ⁽⁷⁾ | | 136.0 ⁽⁶⁾ | 73.6* | 131.0 ⁽⁵⁾ | 73.7* | 118.0 ⁽⁵⁾ | |
| 350 | B | | | | | | | | | | 89.0 ⁽⁹⁾ | | 110.0 ⁽⁹⁾ | | 104.0 ⁽¹¹⁾ | | 112.0 ⁽¹¹⁾ | | 110.0 ⁽⁹⁾ | | 108.0 ⁽⁸⁾ | 66.2* | 103.0 ⁽⁶⁾ | |
| | BV | | | | | | | | | | 116.0 ⁽⁹⁾ | | 130.0 ⁽¹¹⁾ | | 130.0 ⁽¹¹⁾ | | 134.0 ⁽⁸⁾ | | 129.0 ⁽⁶⁾ | | 126.0 ⁽⁵⁾ | 69.1* | 117.0 ⁽⁵⁾ | |
| 360 | B | | | | | | | | | | 79.8 ⁽⁸⁾ | | 93.3 ⁽¹⁰⁾ | | 93.3 ⁽¹⁰⁾ | | 105.0 ⁽¹¹⁾ | | 105.0 ⁽¹⁰⁾ | | 102.0 ⁽⁸⁾ | 59.2* | 98.7 ⁽⁷⁾ | |
| | BV | | | | | | | | | | 106.0 ⁽⁸⁾ | | 120.0 ⁽¹⁰⁾ | | 120.0 ⁽¹⁰⁾ | | 127.0 ⁽⁹⁾ | | 124.0 ⁽⁷⁾ | | 121.0 ⁽⁶⁾ | 60.5* | 116.0 ⁽⁵⁾ | |
| 370 | B | | | | | | | | | | 70.9 ⁽⁷⁾ | | 98.2 ⁽¹⁰⁾ | | 84.4 ⁽¹⁰⁾ | | 98.2 ⁽¹¹⁾ | | 98.2 ⁽¹⁰⁾ | | 97.0 ⁽⁹⁾ | 94.2 ⁽⁸⁾ | | |
| | BV | | | | | | | | | | 96.8 ⁽⁷⁾ | | 110.0 ⁽¹⁰⁾ | | 110.0 ⁽¹⁰⁾ | | 119.0 ⁽⁹⁾ | | 119.0 ⁽⁸⁾ | | 119.0 ⁽⁸⁾ | 115.0 ⁽⁷⁾ | 110.0 ⁽⁵⁾ | |
| 380 | B | | | | | | | | | | 63.4 ⁽⁷⁾ | | 75.6 ⁽⁹⁾ | | 75.6 ⁽⁹⁾ | | 89.5 ⁽¹¹⁾ | | 91.8 ⁽¹¹⁾ | | 90.7 ⁽⁹⁾ | 88.6 ⁽⁸⁾ | | |
| | BV | | | | | | | | | | 88.7 ⁽⁷⁾ | | 101.0 ⁽⁹⁾ | | 101.0 ⁽⁹⁾ | | 112.0 ⁽¹⁰⁾ | | 111.0 ⁽⁸⁾ | | 110.0 ⁽⁷⁾ | 107.0 ⁽⁶⁾ | 107.0 ⁽⁶⁾ | |
| 390 | B | | | | | | | | | | 67.8 ⁽⁹⁾ | | 83.5 ⁽¹¹⁾ | | 83.5 ⁽¹¹⁾ | | 80.8 ⁽¹¹⁾ | | 85.8 ⁽¹¹⁾ | | 85.3 ⁽¹⁰⁾ | 84.2 ⁽⁹⁾ | 84.2 ⁽⁹⁾ | |
| | BV | | | | | | | | | | 92.1 ⁽⁹⁾ | | 105.0 ⁽¹¹⁾ | | 105.0 ⁽¹¹⁾ | | 104.0 ⁽⁹⁾ | | 104.0 ⁽⁹⁾ | | 104.0 ⁽⁸⁾ | 100.0 ⁽⁷⁾ | 100.0 ⁽⁷⁾ | |
| 400 | B | | | | | | | | | | 59.5 ⁽⁸⁾ | | 72.1 ⁽¹⁰⁾ | | 72.1 ⁽¹⁰⁾ | | 72.1 ⁽¹⁰⁾ | | 77.8 ⁽¹¹⁾ | | 80.2 ⁽¹¹⁾ | 78.6 ⁽⁹⁾ | 78.6 ⁽⁹⁾ | |
| | BV | | | | | | | | | | 83.5 ⁽⁸⁾ | | 96.0 ⁽¹⁰⁾ | | 96.0 ⁽¹⁰⁾ | | 96.0 ⁽¹⁰⁾ | | 97.7 ⁽¹⁰⁾ | | 97.6 ⁽⁸⁾ | 95.1 ⁽⁷⁾ | 95.1 ⁽⁷⁾ | |
| 410 | B | | | | | | | | | | 52.0 ⁽⁷⁾ | | 64.3 ⁽¹⁰⁾ | | 64.3 ⁽¹⁰⁾ | | 64.3 ⁽¹⁰⁾ | | 69.8 ⁽¹¹⁾ | | 75.3 ⁽¹¹⁾ | 73.3 ⁽¹⁰⁾ | 73.3 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | 75.1 ⁽⁷⁾ | | 87.8 ⁽¹⁰⁾ | | 87.8 ⁽¹⁰⁾ | | 87.8 ⁽¹⁰⁾ | | 92.4 ⁽¹¹⁾ | | 91.1 ⁽⁹⁾ | 89.4 ⁽⁸⁾ | 89.4 ⁽⁸⁾ | |
| 420 | B | | | | | | | | | | 45.9 ⁽⁷⁾ | | 56.5 ⁽⁹⁾ | | 56.5 ⁽⁹⁾ | | 56.5 ⁽⁹⁾ | | 61.7 ⁽¹⁰⁾ | | 67.9 ⁽¹¹⁾ | 68.9 ⁽¹¹⁾ | 68.9 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | 68.1 ⁽⁷⁾ | | 79.3 ⁽⁹⁾ | | 79.3 ⁽⁹⁾ | | 79.3 ⁽⁹⁾ | | 84.3 ⁽¹⁰⁾ | | 85.8 ⁽⁹⁾ | 84.0 ⁽⁸⁾ | 84.0 ⁽⁸⁾ | |
| 430 | B | | | | | | | | | | | | 49.6 ⁽⁹⁾ | | 49.6 ⁽⁹⁾ | | 49.6 ⁽⁹⁾ | | 54.6 ⁽¹⁰⁾ | | 60.6 ⁽¹¹⁾ | 64.6 ⁽¹¹⁾ | 64.6 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 71.9 ⁽⁹⁾ | | 71.9 ⁽⁹⁾ | | 71.9 ⁽⁹⁾ | | 76.7 ⁽¹⁰⁾ | | 81.7 ⁽¹¹⁾ | 78.6 ⁽⁸⁾ | 78.6 ⁽⁸⁾ | |
| 440 | B | | | | | | | | | | | | 43.5 ⁽⁸⁾ | | 43.5 ⁽⁸⁾ | | 43.5 ⁽⁸⁾ | | 47.6 ⁽⁹⁾ | | 52.7 ⁽¹⁰⁾ | 57.7 ⁽¹¹⁾ | 57.7 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 64.3 ⁽⁸⁾ | | 64.3 ⁽⁸⁾ | | 64.3 ⁽⁸⁾ | | 68.7 ⁽⁹⁾ | | 74.2 ⁽¹⁰⁾ | 74.5 ⁽⁹⁾ | 74.5 ⁽⁹⁾ | |
| 450 | B | | | | | | | | | | | | 37.5 ⁽⁷⁾ | | 37.5 ⁽⁷⁾ | | 37.5 ⁽⁷⁾ | | 41.6 ⁽⁹⁾ | | 46.1 ⁽¹⁰⁾ | 50.9 ⁽¹¹⁾ | 50.9 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 56.9 ⁽⁷⁾ | | 56.9 ⁽⁷⁾ | | 56.9 ⁽⁷⁾ | | 61.8 ⁽⁹⁾ | | 67.1 ⁽¹⁰⁾ | 71.1 ⁽¹¹⁾ | 71.1 ⁽¹¹⁾ | |
| 460 | B | | | | | | | | | | | | 32.8 ⁽⁷⁾ | | 32.8 ⁽⁷⁾ | | 32.8 ⁽⁷⁾ | | 36.1 ⁽⁸⁾ | | 40.2 ⁽⁹⁾ | 44.3 ⁽¹⁰⁾ | 44.3 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | | | 50.7 ⁽⁷⁾ | | 50.7 ⁽⁷⁾ | | 50.7 ⁽⁷⁾ | | 54.6 ⁽⁸⁾ | | 59.6 ⁽⁹⁾ | 64.1 ⁽¹⁰⁾ | 64.1 ⁽¹⁰⁾ | |
| 470 | B | | | | | | | | | | | | | | | | | | 30.7 ⁽⁷⁾ | | 35.3 ⁽⁹⁾ | 38.8 ⁽¹⁰⁾ | 38.8 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | | | | | | | | | 47.7 ⁽⁷⁾ | | 53.1 ⁽⁹⁾ | 57.4 ⁽¹⁰⁾ | 57.4 ⁽¹⁰⁾ | |
| 480 | B | | | | | | | | | | | | | | | | | | 26.3 ⁽⁷⁾ | | 30.0 ⁽⁹⁾ | 33.2 ⁽⁹⁾ | 33.2 ⁽⁹⁾ | |
| | | | | | | | | | | | | | | | | | | | | | | | | |



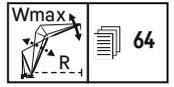
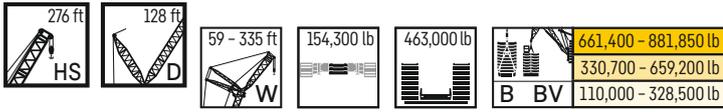
| |
|----------------------|
| 661,400 - 881,850 lb |
| 330,700 - 659,200 lb |
| 110,000 - 328,500 lb |



| | | HS 276 ft | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-----------|----------------------|---------|----------------------|---------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|--------|------|--|
| ft | Type | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | | | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 45 | B | 677.0 | 692.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | BV | 682.0 | 698.0 ⁽²⁾ | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | B | 652.0 | 690.0 ⁽¹⁾ | 598.0 | 609.0 ⁽²⁾ | 556.0 | 556.0 | | | | | | | | | | | | | | | | | | | |
| 50 | BV | 658.0 | 699.0 ⁽²⁾ | 602.0 | 614.0 ⁽²⁾ | 560.0 | 560.0 | | | | | | | | | | | | | | | | | | | |
| 55 | B | 683.0* | 687.0 ⁽¹⁾ | 578.0 | 608.0 ⁽¹⁾ | 542.0 | 550.0 ⁽¹⁾ | 496.0 | 496.0 | | | | | | | | | | | | | | | | | |
| 55 | BV | 692.0* | 699.0 ⁽²⁾ | 583.0 | 615.0 ⁽²⁾ | 545.0 | 555.0 ⁽²⁾ | 500.0 | 500.0 | | | | | | | | | | | | | | | | | |
| 60 | B | 659.0* | 683.0 ⁽¹⁾ | 605.0* | 607.0 ⁽¹⁾ | 525.0 | 549.0 ⁽¹⁾ | 485.0 | 491.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | |
| 60 | BV | 669.0* | 698.0 ⁽²⁾ | 613.0* | 616.0 ⁽²⁾ | 530.0 | 555.0 ⁽²⁾ | 488.0 | 495.0 ⁽²⁾ | | | | | | | | | | | | | | | | | |
| 65 | B | 637.0* | 680.0 ⁽¹⁾ | 588.0* | 603.0 ⁽¹⁾ | 550.0* | 550.0 | 472.0 | 491.0 ⁽¹⁾ | 399.0 | 399.0 | | | | | | | | | | | | | | | |
| 65 | BV | 647.0* | 697.0 ⁽²⁾ | 595.0* | 615.0 ⁽²⁾ | 557.0* | 557.0 | 476.0 | 496.0 ⁽²⁾ | 401.0 | 401.0 | | | | | | | | | | | | | | | |
| 70 | B | 615.0* | 677.0 ⁽¹⁾ | 569.0* | 600.0 ⁽¹⁾ | 537.0* | 546.0 ⁽¹⁾ | 493.0* | 493.0 | 391.0 | 395.0 ⁽¹⁾ | | | | | | | | | | | | | | | |
| 70 | BV | 623.0* | 696.0 ⁽²⁾ | 576.0* | 614.0 ⁽²⁾ | 543.0* | 556.0 ⁽²⁾ | 499.0* | 499.0 | 393.0 | 398.0 ⁽²⁾ | | | | | | | | | | | | | | | |
| 75 | B | 592.0* | 675.0 ⁽¹⁾ | 551.0* | 597.0 ⁽¹⁾ | 522.0* | 543.0 ⁽¹⁾ | 483.0* | 489.0 ⁽¹⁾ | 383.0 | 394.0 ⁽¹⁾ | 323.0 | 323.0 | | | | | | | | | | | | | |
| 75 | BV | 602.0* | 696.0 ⁽²⁾ | 558.0* | 613.0 ⁽²⁾ | 529.0* | 555.0 ⁽²⁾ | 488.0* | 496.0 ⁽²⁾ | 385.0 | 399.0 ⁽²⁾ | 325.0 | 325.0 | | | | | | | | | | | | | |
| 80 | B | 571.0* | 672.0 ⁽¹⁾ | 533.0* | 594.0 ⁽¹⁾ | 507.0* | 540.0 ⁽¹⁾ | 470.0* | 486.0 ⁽¹⁾ | 398.0* | 398.0 | 316.0 | 319.0 ⁽¹⁾ | | | | | | | | | | | | | |
| 80 | BV | 582.0* | 695.0 ⁽²⁾ | 540.0* | 613.0 ⁽²⁾ | 514.0* | 554.0 ⁽²⁾ | 476.0* | 495.0 ⁽²⁾ | 376.0 | 399.0 ⁽²⁾ | 319.0 | 322.0 ⁽²⁾ | | | | | | | | | | | | | |
| 85 | B | 551.0* | 659.0 ⁽¹⁾ | 514.0* | 591.0 ⁽¹⁾ | 491.0* | 538.0 ⁽¹⁾ | 457.0* | 483.0 ⁽¹⁾ | 390.0* | 393.0 ⁽¹⁾ | 310.0 | 318.0 ⁽¹⁾ | 258.0 | 258.0 | | | | | | | | | | | |
| 85 | BV | 563.0* | 688.0 ⁽²⁾ | 522.0* | 612.0 ⁽²⁾ | 500.0* | 553.0 ⁽²⁾ | 465.0* | 494.0 ⁽²⁾ | 395.0* | 399.0 ⁽²⁾ | 312.0 | 321.0 ⁽²⁾ | 259.0 | 259.0 | | | | | | | | | | | |
| 90 | B | 532.0* | 639.0 ⁽¹⁾ | 494.0* | 588.0 ⁽¹⁾ | 474.0* | 535.0 ⁽¹⁾ | 444.0* | 480.0 ⁽¹⁾ | 381.0* | 392.0 ⁽¹⁾ | 303.0 | 317.0 ⁽¹⁾ | 253.0 | 255.0 ⁽¹⁾ | | | | | | | | | | | |
| 90 | BV | 549.0* | 677.0 ⁽²⁾ | 506.0* | 611.0 ⁽²⁾ | 485.0* | 552.0 ⁽²⁾ | 452.0* | 493.0 ⁽²⁾ | 386.0* | 398.0 ⁽²⁾ | 305.0 | 321.0 ⁽²⁾ | 255.0 | 256.0 ⁽²⁾ | | | | | | | | | | | |
| 95 | B | | 617.0 ⁽¹⁾ | 473.0* | 573.0 ⁽¹⁾ | 454.0* | 533.0 ⁽¹⁾ | 430.0* | 478.0 ⁽¹⁾ | 371.0* | 390.0 ⁽¹⁾ | 315.0* | 316.0 ⁽¹⁾ | 248.0 | 254.0 ⁽¹⁾ | 198.0 | 198.0 | | | | | | | | | |
| 95 | BV | | 667.0 ⁽²⁾ | 488.0* | 604.0 ⁽²⁾ | 467.0* | 552.0 ⁽²⁾ | 438.0* | 492.0 ⁽²⁾ | 377.0* | 397.0 ⁽²⁾ | 319.0* | 320.0 ⁽²⁾ | 250.0 | 256.0 ⁽²⁾ | 199.0 | 199.0 | | | | | | | | | |
| 100 | B | | 595.0 ⁽¹⁾ | 455.0* | 559.0 ⁽¹⁾ | 436.0* | 525.0 ⁽¹⁾ | 415.0* | 476.0 ⁽¹⁾ | 361.0* | 388.0 ⁽¹⁾ | 310.0* | 315.0 ⁽¹⁾ | 244.0 | 253.0 ⁽¹⁾ | 197.0 | 197.0 | 172.0 | 172.0 | | | | | | | |
| 100 | BV | | 656.0 ⁽²⁾ | 471.0* | 598.0 ⁽²⁾ | 449.0* | 548.0 ⁽²⁾ | 425.0* | 491.0 ⁽²⁾ | 367.0* | 395.0 ⁽²⁾ | 314.0* | 319.0 ⁽²⁾ | 245.0 | 255.0 ⁽²⁾ | 198.0 | 198.0 | 173.0 | 173.0 | | | | | | | |
| 105 | B | | 576.0 ⁽¹⁾ | 440.0* | 544.0 ⁽¹⁾ | 419.0* | 513.0 ⁽¹⁾ | 401.0* | 473.0 ⁽¹⁾ | 353.0* | 386.0 ⁽¹⁾ | 304.0* | 314.0 ⁽¹⁾ | 254.0* | 254.0 | 195.0 | 197.0 ⁽¹⁾ | 171.0 | 171.0 ⁽¹⁾ | 150.0 | 150.0 | | | | | |
| 105 | BV | | 645.0 ⁽²⁾ | 455.0* | 591.0 ⁽²⁾ | 433.0* | 543.0 ⁽²⁾ | 411.0* | 490.0 ⁽²⁾ | 358.0* | 392.0 ⁽²⁾ | 308.0* | 319.0 ⁽²⁾ | 255.0* | 255.0 | 196.0 | 198.0 ⁽²⁾ | 171.0 | 172.0 ⁽²⁾ | 150.0 | 150.0 | | | | | |
| 110 | B | | 560.0 ⁽¹⁾ | 415.0* | 530.0 ⁽¹⁾ | 404.0* | 501.0 ⁽¹⁾ | 387.0* | 465.0 ⁽¹⁾ | 345.0* | 385.0 ⁽¹⁾ | 298.0* | 313.0 ⁽¹⁾ | 251.0* | 253.0 ⁽¹⁾ | 192.0 | 197.0 ⁽¹⁾ | 170.0 | 171.0 ⁽¹⁾ | 148.0 | 149.0 ⁽¹⁾ | 129.0 | 129.0 | | | |
| 110 | BV | | 634.0 ⁽²⁾ | 416.0* | 585.0 ⁽²⁾ | 418.0* | 537.0 ⁽²⁾ | 398.0* | 488.0 ⁽²⁾ | 350.0* | 393.0 ⁽²⁾ | 301.0* | 318.0 ⁽²⁾ | 252.0* | 254.0 ⁽²⁾ | 194.0 | 199.0 ⁽²⁾ | 170.0 | 172.0 ⁽²⁾ | 149.0 | 149.0 | 129.0 | 129.0 | | | |
| 115 | B | | 544.0 ⁽¹⁾ | | 516.0 ⁽¹⁾ | 392.0* | 489.0 ⁽¹⁾ | 374.0* | 457.0 ⁽¹⁾ | 336.0* | 383.0 ⁽¹⁾ | 293.0* | 312.0 ⁽¹⁾ | 247.0* | 252.0 ⁽¹⁾ | 190.0 | 197.0 ⁽¹⁾ | 168.0 | 172.0 ⁽¹⁾ | 148.0 | 149.0 ⁽¹⁾ | 128.0 | 128.0 | | | |
| 115 | BV | | 610.0 ⁽²⁾ | | 562.0 ⁽²⁾ | 406.0* | 532.0 ⁽²⁾ | 385.0* | 485.0 ⁽²⁾ | 341.0* | 392.0 ⁽²⁾ | 296.0* | 317.0 ⁽²⁾ | 249.0* | 254.0 ⁽²⁾ | 191.0 | 199.0 ⁽²⁾ | 169.0 | 173.0 ⁽²⁾ | 148.0 | 150.0 ⁽²⁾ | 128.0 | 128.0 | | | |
| 120 | B | | 521.0 ⁽¹⁾ | | 500.0 ⁽¹⁾ | 381.0* | 477.0 ⁽¹⁾ | 363.0* | 449.0 ⁽¹⁾ | 326.0* | 381.0 ⁽¹⁾ | 288.0* | 311.0 ⁽¹⁾ | 244.0* | 251.0 ⁽¹⁾ | 197.0* | 197.0 | 167.0 | 172.0 ⁽¹⁾ | 147.0 | 149.0 ⁽¹⁾ | 127.0 | 128.0 ⁽¹⁾ | | | |
| 120 | BV | | 585.0 ⁽²⁾ | | 570.0 ⁽²⁾ | 394.0* | 527.0 ⁽²⁾ | 374.0* | 482.0 ⁽²⁾ | 333.0* | 391.0 ⁽²⁾ | 290.0* | 316.0 ⁽²⁾ | 246.0* | 253.0 ⁽²⁾ | 198.0* | 199.0 ⁽²⁾ | 168.0 | 173.0 ⁽²⁾ | 148.0 | 150.0 ⁽²⁾ | 128.0 | 129.0 ⁽²⁾ | | | |
| 125 | B | | 498.0 ⁽¹⁾ | | 481.0 ⁽¹⁾ | 369.0* | 466.0 ⁽¹⁾ | 351.0* | 441.0 ⁽¹⁾ | 317.0* | 377.0 ⁽¹⁾ | 283.0* | 311.0 ⁽¹⁾ | 241.0* | 250.0 ⁽¹⁾ | 196.0* | 196.0 | 171.0* | 171.0 | 146.0 | 149.0 ⁽¹⁾ | 127.0 | 128.0 ⁽¹⁾ | | | |
| 125 | BV | | 560.0 ⁽²⁾ | | 549.0 ⁽²⁾ | 381.0* | 454.0 ⁽²⁾ | 362.0* | 460.0 ⁽²⁾ | 325.0* | 389.0 ⁽²⁾ | 284.0* | 317.0 ⁽²⁾ | 242.0* | 253.0 ⁽²⁾ | 197.0* | 198.0 ⁽²⁾ | 173.0* | 173.0 | 147.0 | 150.0 ⁽²⁾ | 127.0 | 129.0 ⁽²⁾ | | | |
| 130 | B | | 475.0 ⁽¹⁾ | | 473.0 ⁽¹⁾ | | 452.0 ⁽¹⁾ | 341.0* | 434.0 ⁽¹⁾ | 308.0* | 374.0 ⁽¹⁾ | 277.0* | 310.0 ⁽¹⁾ | 237.0* | 249.0 ⁽¹⁾ | 194.0* | 196.0 ⁽¹⁾ | 170.0* | 171.0 ⁽¹⁾ | 149.0* | 149.0 | 128.0* | 128.0 | | | |
| 130 | BV | | 535.0 ⁽²⁾ | | 528.0 ⁽²⁾ | | 512.0 ⁽²⁾ | 352.0* | 477.0 ⁽²⁾ | 316.0* | 388.0 ⁽²⁾ | 278.0* | 315.0 ⁽²⁾ | 239.0* | 252.0 ⁽²⁾ | 195.0* | 198.0 ⁽²⁾ | 172.0* | 172.0 | 150.0* | 150.0 | 126.0 | 129.0 ⁽²⁾ | | | |
| 135 | B | | 452.0 ⁽¹⁾ | | 459.0 ⁽¹⁾ | | 441.0 ⁽¹⁾ | 332.0* | 426.0 ⁽¹⁾ | 299.0* | 371.0 ⁽¹⁾ | 271.0* | 309.0 ⁽¹⁾ | 234.0* | 248.0 ⁽¹⁾ | 192.0* | 195.0 ⁽¹⁾ | 169.0* | 170.0 ⁽¹⁾ | 149.0* | 149.0 | 128.0* | 128.0 | | | |
| 135 | BV | | 513.0 ⁽²⁾ | | 508.0 ⁽²⁾ | | 494.0 ⁽²⁾ | 343.0* | 475.0 ⁽²⁾ | 308.0* | 386.0 ⁽²⁾ | 273.0* | 314.0 ⁽²⁾ | 235.0* | 252.0 ⁽²⁾ | 193.0* | 197.0 ⁽²⁾ | 171.0* | 172.0 ⁽²⁾ | 150.0* | 150.0 | 129.0* | 129.0 | | | |
| 140 | B | | 432.0 ⁽¹⁾ | | 440.0 ⁽¹⁾ | | 430.0 ⁽¹⁾ | 323.0* | 414.0 ⁽¹⁾ | 290.0* | 367.0 ⁽¹⁾ | 265.0* | 307.0 ⁽¹⁾ | 230.0* | 248.0 ⁽¹⁾ | 190.0* | 195.0 ⁽¹⁾ | 168.0* | 169.0 ⁽¹⁾ | 148.0* | 148.0 | 128.0* | 128.0 | | | |
| 140 | BV | | 493.0 ⁽²⁾ | | 487.0 ⁽²⁾ | | 477.0 ⁽²⁾ | 333.0* | 465.0 ⁽²⁾ | 299.0* | 384.0 ⁽²⁾ | 267.0* | 312.0 ⁽²⁾ | 231.0* | 251.0 ⁽²⁾ | 191.0* | 197.0 ⁽²⁾ | 169.0* | 171.0 ⁽²⁾ | 149.0* | 150.0 ⁽²⁾ | 129.0* | 129.0 | | | |
| 145 | B | | 414.0 ⁽¹⁾ | | 422.0 ⁽¹⁾ | | 419.0 ⁽¹⁾ | 315.0* | 399.0 ⁽¹⁾ | 283.0* | 364.0 ⁽¹⁾ | 258.0* | 305.0 ⁽¹⁾ | 227.0* | 247.0 ⁽¹⁾ | 188.0* | 194.0 ⁽¹⁾ | 166.0* | 168.0 ⁽¹⁾ | 147.0* | 147.0 | 128.0* | 128.0 | | | |
| 145 | BV | | 473.0 ⁽²⁾ | | 468.0 ⁽²⁾ | | 459.0 ⁽²⁾ | 326.0* | 450.0 ⁽²⁾ | 291.0* | 383.0 ⁽²⁾ | 262.0* | 311.0 ⁽²⁾ | 227.0* | 251.0 ⁽²⁾ | 189.0* | 196.0 ⁽²⁾ | 168.0* | 171.0 ⁽²⁾ | 148.0* | 149.0 ⁽²⁾ | 128.0* | 128.0 | | | |
| 150 | B | | 396.0 ⁽¹⁾ | | 403.0 ⁽¹⁾ | | 404.0 ⁽¹⁾ | | 387.0 ⁽¹⁾ | 274.0* | 360.0 ⁽¹⁾ | 252.0* | 303.0 ⁽¹⁾ | 223.0* | 246.0 ⁽¹⁾ | 186.0* | 194.0 ⁽¹⁾ | 164.0* | 168.0 ⁽¹⁾ | 146.0* | 147.0 ⁽¹⁾ | 127.0* | 127.0 | | | |
| 150 | BV | | 454.0 ⁽²⁾ | | 450.0 ⁽²⁾ | | 441.0 ⁽²⁾ | | 436.0 ⁽²⁾ | 284.0* | 381.0 ⁽²⁾ | 256.0* | 310.0 ⁽²⁾ | 223.0* | 250.0 ⁽²⁾ | 186.0* | 196.0 ⁽²⁾ | 166.0* | 170.0 ⁽²⁾ | 147.0* | 149.0 ⁽²⁾ | 128.0* | 128.0 | | | |
| 155 | B | | 378.0 ⁽¹⁾ | | 384.0 ⁽¹⁾ | | 390.0 ⁽¹⁾ | | 380.0 ⁽¹⁾ | 267.0* | 357.0 ⁽¹⁾ | 245.0* | 301.0 ⁽¹⁾ | 219.0* | 245.0 ⁽¹⁾ | 183.0* | 193.0 ⁽¹⁾ | 163.0* | 167.0 ⁽¹⁾ | 146.0* | 146.0 | 126.0* | 126.0 | | | |
| 155 | BV | | 437.0 ⁽²⁾ | | 434.0 ⁽²⁾ | | 425.0 ⁽²⁾ | | 421.0 ⁽²⁾ | 277.0* | 379.0 ⁽²⁾ | 251.0* | 308.0 ⁽²⁾ | 219.0* | 249.0 ⁽²⁾ | 184.0* | 195.0 ⁽²⁾ | 164.0* | 168.0 ⁽²⁾ | 146.0* | 148.0 ⁽²⁾ | 127.0* | 127.0 | | | |
| 160 | B | | 360. | | | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

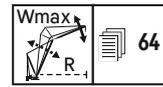
HS 276 ft



| ft | | HS 276 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|-----------------------|------|----------|-----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 220 | B | 210.0 ⁽⁸⁾ | | 220.0 ⁽¹⁰⁾ | | 224.0 ⁽¹¹⁾ | | 235.0 ⁽¹¹⁾ | | 245.0 ⁽¹¹⁾ | | 179.0* | 234.0 ⁽⁷⁾ | 165.0* | 220.0 ⁽⁵⁾ | 146.0* | 181.0 ⁽²⁾ | 136.0* | 155.0 ⁽⁵⁾ | 125.0* | 140.0 ⁽²⁾ | 111.0* | 120.0 ⁽²⁾ |
| | BV | 254.0 ⁽⁹⁾ | | 263.0 ⁽¹⁰⁾ | | 267.0 ⁽¹¹⁾ | | 278.0 ⁽¹¹⁾ | | 266.0 ⁽⁴⁾ | | 186.0* | 260.0 ⁽²⁾ | 170.0* | 233.0 ⁽³⁾ | 150.0* | 186.0 ⁽²⁾ | 137.0* | 159.0 ⁽²⁾ | 125.0* | 142.0 ⁽²⁾ | 111.0* | 122.0 ⁽²⁾ |
| 230 | B | 193.0 ⁽⁸⁾ | | 202.0 ⁽⁹⁾ | | 204.0 ⁽¹⁰⁾ | | 216.0 ⁽¹¹⁾ | | 225.0 ⁽¹¹⁾ | | | 226.0 ⁽⁹⁾ | 157.0* | 212.0 ⁽³⁾ | 140.0* | 179.0 ⁽²⁾ | 130.0* | 153.0 ⁽³⁾ | 121.0* | 139.0 ⁽³⁾ | 108.0* | 118.0 ⁽³⁾ |
| | BV | 234.0 ⁽⁸⁾ | | 243.0 ⁽⁹⁾ | | 246.0 ⁽¹⁰⁾ | | 257.0 ⁽¹¹⁾ | | 252.0 ⁽⁴⁾ | | | 246.0 ⁽³⁾ | 162.0* | 229.0 ⁽³⁾ | 144.0* | 184.0 ⁽²⁾ | 132.0* | 157.0 ⁽³⁾ | 121.0* | 140.0 ⁽²⁾ | 108.0* | 121.0 ⁽³⁾ |
| 240 | B | 177.0 ⁽⁸⁾ | | 185.0 ⁽⁹⁾ | | 187.0 ⁽¹⁰⁾ | | 197.0 ⁽¹¹⁾ | | 209.0 ⁽¹¹⁾ | | | 216.0 ⁽¹⁰⁾ | 149.0* | 201.0 ⁽⁴⁾ | 133.0* | 178.0 ⁽³⁾ | 124.0* | 152.0 ⁽³⁾ | 116.0* | 137.0 ⁽³⁾ | 105.0* | 118.0 ⁽³⁾ |
| | BV | 217.0 ⁽⁸⁾ | | 225.0 ⁽⁹⁾ | | 227.0 ⁽¹⁰⁾ | | 237.0 ⁽¹¹⁾ | | 239.0 ⁽⁷⁾ | | | 233.0 ⁽³⁾ | 153.0* | 223.0 ⁽²⁾ | 138.0* | 182.0 ⁽³⁾ | 128.0* | 156.0 ⁽³⁾ | 117.0* | 139.0 ⁽³⁾ | 105.0* | 120.0 ⁽³⁾ |
| 250 | B | 162.0 ⁽⁷⁾ | | 170.0 ⁽⁸⁾ | | 171.0 ⁽⁹⁾ | | 181.0 ⁽¹⁰⁾ | | 194.0 ⁽¹¹⁾ | | | 202.0 ⁽¹⁰⁾ | 140.0* | 189.0 ⁽⁷⁾ | 127.0* | 176.0 ⁽³⁾ | 119.0* | 150.0 ⁽³⁾ | 111.0* | 136.0 ⁽³⁾ | 101.0* | 116.0 ⁽³⁾ |
| | BV | 201.0 ⁽⁷⁾ | | 208.0 ⁽⁸⁾ | | 209.0 ⁽⁹⁾ | | 219.0 ⁽¹⁰⁾ | | 227.0 ⁽⁹⁾ | | | 222.0 ⁽⁴⁾ | 145.0* | 216.0 ⁽²⁾ | 132.0* | 181.0 ⁽³⁾ | 123.0* | 154.0 ⁽³⁾ | 113.0* | 138.0 ⁽³⁾ | 101.0* | 119.0 ⁽³⁾ |
| 260 | B | 149.0 ⁽⁶⁾ | | 156.0 ⁽⁸⁾ | | 156.0 ⁽⁹⁾ | | 166.0 ⁽¹⁰⁾ | | 179.0 ⁽¹¹⁾ | | | 188.0 ⁽¹⁰⁾ | 133.0* | 183.0 ⁽⁸⁾ | 120.0* | 168.0 ⁽⁴⁾ | 113.0* | 148.0 ⁽³⁾ | 106.0* | 134.0 ⁽³⁾ | 97.5* | 115.0 ⁽³⁾ |
| | BV | 186.0 ⁽⁷⁾ | | 193.0 ⁽⁸⁾ | | 193.0 ⁽⁹⁾ | | 202.0 ⁽¹⁰⁾ | | 216.0 ⁽¹¹⁾ | | | 211.0 ⁽⁵⁾ | 138.0* | 205.0 ⁽²⁾ | 125.0* | 178.0 ⁽³⁾ | 117.0* | 153.0 ⁽³⁾ | 109.0* | 137.0 ⁽³⁾ | 98.2* | 118.0 ⁽³⁾ |
| 270 | B | | | 143.0 ⁽⁷⁾ | | 143.0 ⁽⁸⁾ | | 151.0 ⁽⁹⁾ | | 165.0 ⁽¹¹⁾ | | | 176.0 ⁽¹¹⁾ | 177.0* | 177.0* | 114.0* | 164.0 ⁽⁴⁾ | 107.0* | 146.0 ⁽⁴⁾ | 101.0* | 133.0 ⁽³⁾ | 93.2* | 113.0 ⁽³⁾ |
| | BV | | | 179.0 ⁽⁷⁾ | | 178.0 ⁽⁸⁾ | | 187.0 ⁽⁹⁾ | | 200.0 ⁽¹¹⁾ | | | 201.0 ⁽⁶⁾ | 194.0 ⁽⁴⁾ | 118.0* | 175.0 ⁽³⁾ | 111.0* | 151.0 ⁽³⁾ | 105.0* | 136.0 ⁽³⁾ | 95.1* | 116.0 ⁽³⁾ | |
| 280 | B | | | 131.0 ⁽⁶⁾ | | 130.0 ⁽⁸⁾ | | 138.0 ⁽⁹⁾ | | 151.0 ⁽¹¹⁾ | | | 165.0 ⁽¹¹⁾ | 167.0* | 167.0* | 107.0* | 154.0 ⁽³⁾ | 101.0* | 145.0 ⁽⁴⁾ | 95.5* | 131.0 ⁽⁴⁾ | 88.6* | 112.0 ⁽³⁾ |
| | BV | | | 166.0 ⁽⁷⁾ | | 165.0 ⁽⁸⁾ | | 173.0 ⁽⁹⁾ | | 185.0 ⁽¹¹⁾ | | | 191.0 ⁽⁸⁾ | 186.0 ⁽⁴⁾ | 112.0* | 172.0 ⁽³⁾ | 105.0* | 150.0 ⁽⁴⁾ | 99.5* | 134.0 ⁽³⁾ | 91.5* | 115.0 ⁽³⁾ | |
| 290 | B | | | 118.0 ⁽⁷⁾ | | 118.0 ⁽⁷⁾ | | 126.0 ⁽⁸⁾ | | 138.0 ⁽¹⁰⁾ | | | 154.0 ⁽¹¹⁾ | 157.0 ⁽¹⁰⁾ | 102.0* | 147.0 ⁽³⁾ | 95.5* | 139.0 ⁽⁵⁾ | 90.2* | 130.0 ⁽⁴⁾ | 83.5* | 110.0 ⁽⁴⁾ | |
| | BV | | | 152.0 ⁽⁷⁾ | | 152.0 ⁽⁷⁾ | | 159.0 ⁽⁸⁾ | | 170.0 ⁽¹⁰⁾ | | | 182.0 ⁽⁹⁾ | 177.0 ⁽⁹⁾ | 106.0* | 169.0 ⁽³⁾ | 99.9* | 148.0 ⁽⁴⁾ | 94.0* | 133.0 ⁽⁴⁾ | 87.1* | 113.0 ⁽³⁾ | |
| 300 | B | | | | | 107.0 ⁽⁷⁾ | | 115.0 ⁽⁸⁾ | | 125.0 ⁽¹⁰⁾ | | | 143.0 ⁽¹¹⁾ | 149.0 ⁽¹⁰⁾ | 97.0* | 141.0 ⁽⁴⁾ | 90.0* | 137.0 ⁽⁵⁾ | 85.3* | 125.0 ⁽⁵⁾ | 78.8* | 109.0 ⁽⁴⁾ | |
| | BV | | | | | 140.0 ⁽⁷⁾ | | 147.0 ⁽⁸⁾ | | 157.0 ⁽¹⁰⁾ | | | 174.0 ⁽¹¹⁾ | 169.0 ⁽⁶⁾ | 101.0* | 160.0 ⁽⁴⁾ | 94.4* | 146.0 ⁽⁴⁾ | 89.0* | 132.0 ⁽⁴⁾ | 82.3* | 113.0 ⁽⁴⁾ | |
| 310 | B | | | | | 104.0 ⁽⁷⁾ | | 113.0 ⁽⁹⁾ | | 113.0 ⁽⁹⁾ | | | 131.0 ⁽¹¹⁾ | 141.0 ⁽¹¹⁾ | | 135.0 ⁽⁴⁾ | 84.8* | 128.0 ⁽⁵⁾ | 80.4* | 124.0 ⁽⁵⁾ | 74.2* | 107.0 ⁽⁴⁾ | |
| | BV | | | | | 135.0 ⁽⁷⁾ | | 144.0 ⁽⁹⁾ | | 144.0 ⁽⁹⁾ | | | 161.0 ⁽¹¹⁾ | 161.0 ⁽⁷⁾ | | 154.0 ⁽⁴⁾ | 88.9* | 144.0 ⁽⁴⁾ | 84.1* | 131.0 ⁽⁴⁾ | 77.7* | 112.0 ⁽⁴⁾ | |
| 320 | B | | | | | 94.2 ⁽⁷⁾ | | 103.0 ⁽⁹⁾ | | 103.0 ⁽⁹⁾ | | | 119.0 ⁽¹¹⁾ | 132.0 ⁽¹¹⁾ | | 129.0 ⁽⁹⁾ | 81.0* | 123.0 ⁽⁶⁾ | 75.5* | 119.0 ⁽⁵⁾ | 70.0* | 107.0 ⁽⁵⁾ | |
| | BV | | | | | 124.0 ⁽⁷⁾ | | 133.0 ⁽⁹⁾ | | 133.0 ⁽⁹⁾ | | | 149.0 ⁽¹¹⁾ | 155.0 ⁽⁸⁾ | | 147.0 ⁽⁹⁾ | 84.8* | 141.0 ⁽⁴⁾ | 79.2* | 129.0 ⁽⁴⁾ | 73.3* | 110.0 ⁽⁴⁾ | |
| 330 | B | | | | | | | 92.8 ⁽⁸⁾ | | 108.0 ⁽¹⁰⁾ | | | 123.0 ⁽¹¹⁾ | 123.0 ⁽¹¹⁾ | | 122.0 ⁽⁹⁾ | | 118.0 ⁽⁷⁾ | 71.0* | 114.0 ⁽⁶⁾ | 65.7* | 105.0 ⁽⁵⁾ | |
| | BV | | | | | | | 122.0 ⁽⁸⁾ | | 137.0 ⁽¹⁰⁾ | | | 137.0 ⁽¹⁰⁾ | 148.0 ⁽¹⁰⁾ | | 140.0 ⁽⁴⁾ | | 135.0 ⁽⁵⁾ | 74.6* | 128.0 ⁽⁴⁾ | 68.9* | 109.0 ⁽⁵⁾ | |
| 340 | B | | | | | | | 83.5 ⁽⁸⁾ | | 98.2 ⁽¹⁰⁾ | | | 113.0 ⁽¹¹⁾ | 113.0 ⁽¹¹⁾ | | 116.0 ⁽¹⁰⁾ | | 112.0 ⁽⁹⁾ | 67.6* | 108.0 ⁽⁷⁾ | 61.4* | 102.0 ⁽⁶⁾ | |
| | BV | | | | | | | 112.0 ⁽⁸⁾ | | 126.0 ⁽¹⁰⁾ | | | 126.0 ⁽¹⁰⁾ | 141.0 ⁽¹¹⁾ | | 134.0 ⁽⁴⁾ | | 130.0 ⁽⁵⁾ | 70.7* | 124.0 ⁽⁴⁾ | 64.6* | 108.0 ⁽⁵⁾ | |
| 350 | B | | | | | | | 74.5 ⁽⁷⁾ | | 88.0 ⁽⁹⁾ | | | 103.0 ⁽¹¹⁾ | 103.0 ⁽¹¹⁾ | | 111.0 ⁽¹¹⁾ | | 107.0 ⁽⁹⁾ | | 103.0 ⁽⁷⁾ | 57.5* | 99.2 ⁽⁶⁾ | |
| | BV | | | | | | | 102.0 ⁽⁷⁾ | | 115.0 ⁽⁹⁾ | | | 131.0 ⁽¹¹⁾ | 131.0 ⁽¹¹⁾ | | 129.0 ⁽⁷⁾ | | 125.0 ⁽⁶⁾ | | 120.0 ⁽⁵⁾ | 60.7* | 107.0 ⁽⁵⁾ | |
| 360 | B | | | | | | | 66.1 ⁽⁷⁾ | | 79.1 ⁽⁹⁾ | | | 93.8 ⁽¹¹⁾ | 93.8 ⁽¹¹⁾ | | 103.0 ⁽¹¹⁾ | | 102.0 ⁽¹⁰⁾ | | 99.0 ⁽⁸⁾ | 54.6* | 94.4 ⁽⁷⁾ | |
| | BV | | | | | | | 92.8 ⁽⁷⁾ | | 106.0 ⁽⁹⁾ | | | 120.0 ⁽¹¹⁾ | 120.0 ⁽¹¹⁾ | | 123.0 ⁽⁸⁾ | | 118.0 ⁽⁷⁾ | | 114.0 ⁽⁶⁾ | 57.3* | 106.0 ⁽⁵⁾ | |
| 370 | B | | | | | | | | | 70.5 ⁽⁸⁾ | | | 84.1 ⁽¹⁰⁾ | 84.1 ⁽¹⁰⁾ | | 95.7 ⁽¹¹⁾ | | 97.6 ⁽¹¹⁾ | | 94.4 ⁽⁹⁾ | | 89.4 ⁽⁸⁾ | |
| | BV | | | | | | | | | 96.3 ⁽⁸⁾ | | | 110.0 ⁽¹⁰⁾ | 110.0 ⁽¹⁰⁾ | | 118.0 ⁽¹¹⁾ | | 113.0 ⁽⁸⁾ | | 111.0 ⁽⁶⁾ | | 105.0 ⁽⁵⁾ | |
| 380 | B | | | | | | | | | 62.7 ⁽⁸⁾ | | | 75.4 ⁽¹⁰⁾ | 75.4 ⁽¹⁰⁾ | | 87.8 ⁽¹¹⁾ | | 90.6 ⁽¹¹⁾ | | 90.0 ⁽¹⁰⁾ | | 85.9 ⁽⁸⁾ | |
| | BV | | | | | | | | | 87.7 ⁽⁸⁾ | | | 101.0 ⁽¹⁰⁾ | 101.0 ⁽¹⁰⁾ | | 111.0 ⁽¹⁰⁾ | | 109.0 ⁽⁹⁾ | | 106.0 ⁽⁷⁾ | | 99.3 ⁽⁶⁾ | |
| 390 | B | | | | | | | | | 54.7 ⁽⁷⁾ | | | 67.0 ⁽⁹⁾ | 67.0 ⁽⁹⁾ | | 79.4 ⁽¹¹⁾ | | 83.6 ⁽¹¹⁾ | | 85.5 ⁽¹¹⁾ | | 82.4 ⁽⁹⁾ | |
| | BV | | | | | | | | | 79.3 ⁽⁷⁾ | | | 91.5 ⁽⁹⁾ | 91.5 ⁽⁹⁾ | | 103.0 ⁽¹¹⁾ | | 105.0 ⁽¹⁰⁾ | | 101.0 ⁽⁸⁾ | | 95.2 ⁽⁶⁾ | |
| 400 | B | | | | | | | | | 47.5 ⁽⁷⁾ | | | 59.4 ⁽⁹⁾ | 59.4 ⁽⁹⁾ | | 71.0 ⁽¹¹⁾ | | 76.2 ⁽¹¹⁾ | | 79.2 ⁽¹¹⁾ | | 78.4 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | 83.3 ⁽⁹⁾ | | | 94.8 ⁽¹¹⁾ | 94.8 ⁽¹¹⁾ | | 94.8 ⁽¹¹⁾ | | 98.1 ⁽¹⁰⁾ | | 97.2 ⁽⁹⁾ | | 92.4 ⁽⁷⁾ | |
| 410 | B | | | | | | | | | | | | 51.8 ⁽⁸⁾ | 51.8 ⁽⁸⁾ | | 62.8 ⁽¹⁰⁾ | | 68.3 ⁽¹¹⁾ | | 72.8 ⁽¹¹⁾ | | 72.9 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 75.0 ⁽⁸⁾ | 75.0 ⁽⁸⁾ | | 86.0 ⁽¹⁰⁾ | | 90.2 ⁽¹¹⁾ | | 91.8 ⁽⁹⁾ | | 88.3 ⁽⁸⁾ | |
| 420 | B | | | | | | | | | | | | 45.1 ⁽⁸⁾ | 45.1 ⁽⁸⁾ | | 55.5 ⁽¹⁰⁾ | | 59.5 ⁽¹⁰⁾ | | 66.1 ⁽¹¹⁾ | | 67.5 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 67.6 ⁽⁸⁾ | 67.6 ⁽⁸⁾ | | 78.1 ⁽¹⁰⁾ | | 82.3 ⁽¹⁰⁾ | | 84.6 ⁽⁹⁾ | | 83.9 ⁽⁹⁾ | |
| 430 | B | | | | | | | | | | | | 39.2 ⁽⁷⁾ | 39.2 ⁽⁷⁾ | | 48.3 ⁽⁹⁾ | | 52.6 ⁽¹⁰⁾ | | 59.0 ⁽¹¹⁾ | | 62.1 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | 60.1 ⁽⁷⁾ | 60.1 ⁽⁷⁾ | | 69.9 ⁽⁹⁾ | | 74.9 ⁽¹⁰⁾ | | 78.4 ⁽¹⁰⁾ | | 78.8 ⁽⁹⁾ | |
| 440 | B | | | | | | | | | | | | | | | 42.1 ⁽⁹⁾ | | 45.8 ⁽¹⁰⁾ | | 51.0 ⁽¹⁰⁾ | | 56.0 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | | | | 62.8 ⁽⁹⁾ | | 67.5 ⁽¹⁰⁾ | | 72.2 ⁽¹⁰⁾ | | 72.7 ⁽⁹⁾ | |
| 450 | B | | | | | | | | | | | | | | | 36.2 ⁽⁸⁾ | | 40.1 ⁽⁹⁾ | | 45.2 ⁽¹⁰⁾ | | 49.5 ⁽¹¹⁾ | |
| | BV | | | | | | | | | | | | | | | 55.4 ⁽⁸⁾ | | 59.8 ⁽⁹⁾ | | 65.3 ⁽¹⁰⁾ | | 67.5 ⁽¹⁰⁾ | |
| 460 | B | | | | | | | | | | | | | | | 31.5 ⁽⁸⁾ | | 35.0 ⁽⁹⁾ | | 39.3 ⁽¹⁰⁾ | | 42.2 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | | | | | | 49.0 ⁽⁸⁾ | | 53.2 ⁽⁹⁾ | | 58.5 ⁽¹⁰⁾ | | 62.2 ⁽¹⁰⁾ | |
| 470 | B | | | | | | | | | | | | | | | 26.5 ⁽⁷⁾ | | 29.6 ⁽⁸⁾ | | 33.6 ⁽⁹⁾ | | 37.4 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | | | | | | 43.1 ⁽⁷⁾ | | 46.7 ⁽⁸⁾ | | 51.2 ⁽⁹⁾ | | 55.7 ⁽¹⁰⁾ | |
| 480 | B | | | | | | | | | | | | | | | | | 25.0 ⁽⁸⁾ | | 29.0 ⁽⁹⁾ | | 32.5 ⁽¹⁰⁾ | |
| | BV | | | | | | | | | | | | | | | | | 41.2 ⁽⁸⁾ | | 45.0 ⁽⁹⁾ | | 49.2 ⁽¹⁰⁾ | |
| 490 | B | | | | | | | | | | | | | | | | | 20.2 ⁽⁷⁾ | | 24.0 ⁽⁸⁾ | | 27.3 ⁽⁹⁾ | |
| | BV | | | | | | | | | | | | | | | | | 35.9 ⁽⁷⁾ | | 39.5 ⁽⁸⁾ | | 43.2 ⁽⁹⁾ | |
| 500 | B | | | | | | | | | | | | | | | | | | | 19.7 ⁽⁸⁾ | | 22.9 ⁽⁹⁾ | |
| | BV | | | | | | | | | | | | | | | | | | | 35.0 ⁽⁸⁾ | | 38.1 ⁽⁹⁾ | |
| 510 | B</ | | | | | | | | | | | | | | | | | | | | | | |



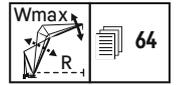
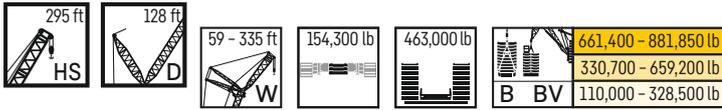
| |
|----------------------|
| 661,400 - 881,850 lb |
| 330,700 - 659,200 lb |
| 110,000 - 328,500 lb |



| ft | HS 295 ft | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------|
| | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 45 | B 607.0 | 616.0 ⁽³⁾ | | | | | | | | | | | | | | | | | | | | |
| BV 612.0 | 620.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | |
| 50 | B 588.0 | 614.0 ⁽¹⁾ | 537.0 | 543.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| BV 591.0 | 619.0 ⁽¹⁾ | 540.0 | 546.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | |
| 55 | B 613.0* | 613.0 | 520.0 | 542.0 ⁽¹⁾ | 485.0 | 490.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| BV 619.0* | 619.0 | 523.0 | 546.0 ⁽¹⁾ | 488.0 | 493.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | |
| 60 | B 594.0* | 611.0 ⁽¹⁾ | 504.0 | 541.0 ⁽¹⁾ | 472.0 | 489.0 ⁽¹⁾ | 432.0 | 436.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| BV 600.0* | 617.0 ⁽¹⁾ | 506.0 | 546.0 ⁽¹⁾ | 475.0 | 493.0 ⁽¹⁾ | 435.0 | 439.0 ⁽¹⁾ | | | | | | | | | | | | | | | |
| 65 | B 576.0* | 609.0 ⁽¹⁾ | 529.0* | 539.0 ⁽¹⁾ | 493.0* | 493.0 | | | 355.0 | 355.0 | | | | | | | | | | | | |
| BV 581.0* | 615.0 ⁽¹⁾ | 533.0* | 544.0 ⁽¹⁾ | 497.0* | 497.0 | 424.0 | 439.0 ⁽¹⁾ | 356.0 | 356.0 | | | | | | | | | | | | | |
| 70 | B 557.0* | 607.0 ⁽¹⁾ | 513.0* | 538.0 ⁽¹⁾ | 481.0* | 488.0 ⁽¹⁾ | 440.0* | 440.0 | 348.0 | 350.0 ⁽¹⁾ | | | | | | | | | | | | |
| BV 561.0* | 614.0 ⁽¹⁾ | 517.0* | 542.0 ⁽¹⁾ | 485.0* | 491.0 ⁽¹⁾ | 444.0* | 444.0 | 349.0 | 351.0 ⁽¹⁾ | | | | | | | | | | | | | |
| 75 | B 538.0* | 606.0 ⁽¹⁾ | 499.0* | 536.0 ⁽¹⁾ | 469.0* | 486.0 ⁽¹⁾ | 432.0* | 435.0 ⁽¹⁾ | 339.0 | 348.0 ⁽¹⁾ | 286.0 | 286.0 | | | | | | | | | | |
| BV 542.0* | 612.0 ⁽¹⁾ | 501.0* | 540.0 ⁽¹⁾ | 473.0* | 489.0 ⁽¹⁾ | 435.0* | 438.0 ⁽¹⁾ | 341.0 | 350.0 ⁽¹⁾ | 287.0 | 287.0 | | | | | | | | | | | |
| 80 | B 523.0* | 604.0 ⁽¹⁾ | 483.0* | 534.0 ⁽¹⁾ | 457.0* | 484.0 ⁽¹⁾ | 421.0* | 434.0 ⁽¹⁾ | 331.0 | 347.0 ⁽¹⁾ | 280.0 | 281.0 ⁽¹⁾ | | | | | | | | | | |
| BV 522.0* | 610.0 ⁽¹⁾ | 484.0* | 538.0 ⁽¹⁾ | 460.0* | 486.0 ⁽¹⁾ | 424.0* | 436.0 ⁽¹⁾ | 332.0 | 350.0 ⁽¹⁾ | 281.0 | 283.0 ⁽¹⁾ | | | | | | | | | | | |
| 85 | B 503.0* | 603.0 ⁽¹⁾ | 468.0* | 533.0 ⁽¹⁾ | 443.0* | 482.0 ⁽¹⁾ | 409.0* | 432.0 ⁽¹⁾ | 346.0* | 347.0 ⁽¹⁾ | 275.0 | 280.0 ⁽¹⁾ | 228.0 | 228.0 | | | | | | | | |
| BV 503.0* | 609.0 ⁽¹⁾ | 467.0* | 536.0 ⁽¹⁾ | 446.0* | 484.0 ⁽¹⁾ | 412.0* | 433.0 ⁽¹⁾ | 348.0* | 349.0 ⁽¹⁾ | 275.0 | 281.0 ⁽¹⁾ | 229.0 | 229.0 | | | | | | | | | |
| 90 | B 485.0* | 590.0 ⁽¹⁾ | 452.0* | 531.0 ⁽¹⁾ | 429.0* | 480.0 ⁽¹⁾ | 398.0* | 431.0 ⁽¹⁾ | 339.0* | 346.0 ⁽¹⁾ | 268.0 | 279.0 ⁽¹⁾ | 224.0 | 225.0 ⁽¹⁾ | | | | | | | | |
| BV 495.0* | 604.0 ⁽¹⁾ | 451.0* | 534.0 ⁽¹⁾ | 431.0* | 482.0 ⁽¹⁾ | 400.0* | 431.0 ⁽¹⁾ | 340.0* | 347.0 ⁽¹⁾ | 269.0 | 280.0 ⁽¹⁾ | 225.0 | 226.0 ⁽¹⁾ | | | | | | | | | |
| 95 | B 575.0 ⁽¹⁾ | 435.0* | 526.0 ⁽¹⁾ | 415.0* | 479.0 ⁽¹⁾ | 387.0* | 429.0 ⁽¹⁾ | 331.0* | 346.0 ⁽¹⁾ | 279.0* | 279.0 | 221.0 | 224.0 ⁽¹⁾ | 178.0 | 178.0 | | | | | | | |
| BV 599.0 ⁽¹⁾ | 434.0* | 532.0 ⁽¹⁾ | 417.0* | 479.0 ⁽¹⁾ | 387.0* | 428.0 ⁽¹⁾ | 331.0* | 345.0 ⁽¹⁾ | 280.0* | 280.0 | 221.0 | 225.0 ⁽¹⁾ | 179.0 | 179.0 | | | | | | | | |
| 100 | B 560.0 ⁽¹⁾ | 418.0* | 517.0 ⁽¹⁾ | 399.0* | 477.0 ⁽¹⁾ | 375.0* | 428.0 ⁽¹⁾ | 323.0* | 345.0 ⁽¹⁾ | 274.0* | 278.0 ⁽¹⁾ | 216.0 | 223.0 ⁽¹⁾ | 175.0 | 176.0 ⁽¹⁾ | 155.0 | 155.0 | | | | | |
| BV 594.0 ⁽¹⁾ | 418.0* | 530.0 ⁽¹⁾ | 403.0* | 477.0 ⁽¹⁾ | 375.0* | 426.0 ⁽¹⁾ | 323.0* | 344.0 ⁽¹⁾ | 275.0* | 278.0 ⁽¹⁾ | 217.0 | 224.0 ⁽¹⁾ | 176.0 | 176.0 | 155.0 | 155.0 | | | | | | |
| 105 | B 545.0 ⁽¹⁾ | 404.0* | 507.0 ⁽¹⁾ | 385.0* | 470.0 ⁽¹⁾ | 363.0* | 426.0 ⁽¹⁾ | 316.0* | 344.0 ⁽¹⁾ | 270.0* | 278.0 ⁽¹⁾ | 213.0* | 223.0 ⁽¹⁾ | 173.0 | 175.0 ⁽¹⁾ | 153.0 | 154.0 ⁽¹⁾ | 134.0 | 134.0 | | | |
| BV 588.0 ⁽¹⁾ | 404.0* | 528.0 ⁽¹⁾ | 390.0* | 476.0 ⁽¹⁾ | 364.0* | 424.0 ⁽¹⁾ | 314.0* | 342.0 ⁽¹⁾ | 270.0* | 277.0 ⁽¹⁾ | 212.0 | 223.0 ⁽¹⁾ | 174.0 | 176.0 ⁽¹⁾ | 154.0 | 154.0 | 135.0 | 135.0 | | | | |
| 110 | B 530.0 ⁽¹⁾ | 393.0* | 498.0 ⁽¹⁾ | 373.0* | 463.0 ⁽¹⁾ | 352.0* | 424.0 ⁽¹⁾ | 309.0* | 344.0 ⁽¹⁾ | 266.0* | 278.0 ⁽¹⁾ | 221.0* | 222.0 ⁽¹⁾ | 171.0 | 175.0 ⁽¹⁾ | 152.0 | 153.0 ⁽¹⁾ | 134.0 | 134.0 | 116.0 | 116.0 | |
| BV 583.0 ⁽¹⁾ | 400.0* | 527.0 ⁽¹⁾ | 379.0* | 475.0 ⁽¹⁾ | 354.0* | 422.0 ⁽¹⁾ | 306.0* | 340.0 ⁽¹⁾ | 265.0* | 276.0 ⁽¹⁾ | 221.0* | 223.0 ⁽¹⁾ | 171.0 | 176.0 ⁽¹⁾ | 152.0 | 154.0 ⁽¹⁾ | 134.0 | 134.0 | 116.0 | 116.0 | | |
| 115 | B 515.0 ⁽¹⁾ | | 488.0 ⁽¹⁾ | 360.0* | 455.0 ⁽¹⁾ | 341.0* | 419.0 ⁽¹⁾ | 302.0* | 343.0 ⁽¹⁾ | 261.0* | 278.0 ⁽¹⁾ | 219.0* | 223.0 ⁽¹⁾ | 176.0* | 176.0 | 150.0 | 153.0 ⁽¹⁾ | 133.0 | 134.0 ⁽¹⁾ | 115.0 | 115.0 | |
| BV 578.0 ⁽¹⁾ | | 525.0 ⁽¹⁾ | 368.0* | 474.0 ⁽¹⁾ | 344.0* | 421.0 ⁽¹⁾ | 299.0* | 338.0 ⁽¹⁾ | 259.0* | 275.0 ⁽¹⁾ | 219.0* | 222.0 ⁽¹⁾ | 169.0 | 176.0 ⁽¹⁾ | 150.0 | 154.0 ⁽¹⁾ | 133.0 | 134.0 ⁽¹⁾ | 115.0 | 115.0 | | |
| 120 | B 495.0 ⁽²⁾ | | 479.0 ⁽¹⁾ | 350.0* | 448.0 ⁽¹⁾ | 331.0* | 415.0 ⁽¹⁾ | 294.0* | 343.0 ⁽¹⁾ | 256.0* | 278.0 ⁽¹⁾ | 217.0* | 223.0 ⁽¹⁾ | 175.0* | 176.0 ⁽¹⁾ | 154.0* | 154.0 | 132.0 | 134.0 ⁽¹⁾ | 114.0 | 115.0 ⁽¹⁾ | |
| BV 560.0 ⁽¹⁾ | | 524.0 ⁽¹⁾ | 358.0* | 473.0 ⁽¹⁾ | 335.0* | 420.0 ⁽¹⁾ | 292.0* | 337.0 ⁽¹⁾ | 254.0* | 274.0 ⁽¹⁾ | 216.0* | 221.0 ⁽¹⁾ | 175.0* | 175.0 | 149.0 | 154.0 ⁽¹⁾ | 132.0 | 134.0 ⁽¹⁾ | 115.0 | 115.0 | | |
| 125 | B 477.0 ⁽¹⁾ | | 469.0 ⁽¹⁾ | 339.0* | 441.0 ⁽¹⁾ | 321.0* | 410.0 ⁽¹⁾ | 287.0* | 342.0 ⁽¹⁾ | 252.0* | 278.0 ⁽¹⁾ | 214.0* | 223.0 ⁽¹⁾ | 173.0* | 175.0 ⁽¹⁾ | 153.0* | 153.0 | 134.0* | 134.0 | 113.0 | 115.0 ⁽¹⁾ | |
| BV 539.0 ⁽¹⁾ | | 521.0 ⁽¹⁾ | 349.0* | 472.0 ⁽¹⁾ | 326.0* | 420.0 ⁽¹⁾ | 285.0* | 336.0 ⁽¹⁾ | 249.0* | 273.0 ⁽¹⁾ | 213.0* | 221.0 ⁽¹⁾ | 173.0* | 175.0 ⁽¹⁾ | 154.0* | 154.0 | 131.0 | 134.0 ⁽¹⁾ | 114.0 | 116.0 ⁽¹⁾ | | |
| 130 | B 460.0 ⁽¹⁾ | | 451.0 ⁽²⁾ | 332.0* | 434.0 ⁽¹⁾ | 311.0* | 405.0 ⁽¹⁾ | 279.0* | 340.0 ⁽¹⁾ | 247.0* | 278.0 ⁽¹⁾ | 211.0* | 223.0 ⁽¹⁾ | 172.0* | 175.0 ⁽¹⁾ | 152.0* | 153.0 ⁽¹⁾ | 134.0* | 134.0 | 113.0 | 115.0 ⁽¹⁾ | |
| BV 519.0 ⁽¹⁾ | | 504.0 ⁽¹⁾ | 343.0* | 470.0 ⁽¹⁾ | 317.0* | 419.0 ⁽¹⁾ | 278.0* | 335.0 ⁽¹⁾ | 244.0* | 272.0 ⁽¹⁾ | 209.0* | 220.0 ⁽¹⁾ | 171.0* | 174.0 ⁽¹⁾ | 152.0* | 153.0 ⁽¹⁾ | 135.0* | 135.0 | 113.0 | 116.0 ⁽¹⁾ | | |
| 135 | B 442.0 ⁽¹⁾ | | 434.0 ⁽¹⁾ | | 424.0 ⁽¹⁾ | 303.0* | 401.0 ⁽¹⁾ | 271.0* | 338.0 ⁽¹⁾ | 243.0* | 278.0 ⁽¹⁾ | 209.0* | 223.0 ⁽¹⁾ | 170.0* | 175.0 ⁽¹⁾ | 151.0* | 152.0 ⁽¹⁾ | 133.0* | 133.0 | 115.0* | 115.0 | |
| BV 499.0 ⁽¹⁾ | | 488.0 ⁽¹⁾ | | 466.0 ⁽¹⁾ | 309.0* | 418.0 ⁽¹⁾ | 271.0* | 334.0 ⁽¹⁾ | 239.0* | 271.0 ⁽¹⁾ | 206.0* | 220.0 ⁽¹⁾ | 169.0* | 174.0 ⁽¹⁾ | 151.0* | 153.0 ⁽¹⁾ | 134.0* | 134.0 | 112.0 | 116.0 ⁽¹⁾ | | |
| 140 | B 425.0 ⁽¹⁾ | | 419.0 ⁽¹⁾ | | 409.0 ⁽²⁾ | 295.0* | 396.0 ⁽¹⁾ | 264.0* | 336.0 ⁽¹⁾ | 237.0* | 277.0 ⁽¹⁾ | 205.0* | 223.0 ⁽¹⁾ | 169.0* | 175.0 ⁽¹⁾ | 150.0* | 152.0 ⁽¹⁾ | 133.0* | 133.0 ⁽¹⁾ | 115.0* | 115.0 | |
| BV 479.0 ⁽¹⁾ | | 472.0 ⁽¹⁾ | | 452.0 ⁽¹⁾ | 302.0* | 417.0 ⁽¹⁾ | 264.0* | 334.0 ⁽¹⁾ | 234.0* | 271.0 ⁽¹⁾ | 202.0* | 219.0 ⁽¹⁾ | 167.0* | 173.0 ⁽¹⁾ | 149.0* | 152.0 ⁽¹⁾ | 133.0* | 134.0 ⁽¹⁾ | 116.0* | 116.0 | | |
| 145 | B 408.0 ⁽¹⁾ | | 405.0 ⁽¹⁾ | | 394.0 ⁽²⁾ | 287.0* | 387.0 ⁽¹⁾ | 257.0* | 335.0 ⁽¹⁾ | 232.0* | 276.0 ⁽¹⁾ | 202.0* | 223.0 ⁽¹⁾ | 167.0* | 174.0 ⁽¹⁾ | 148.0* | 151.0 ⁽¹⁾ | 131.0* | 132.0 ⁽¹⁾ | 114.0* | 114.0 | |
| BV 460.0 ⁽²⁾ | | 455.0 ⁽¹⁾ | | 439.0 ⁽¹⁾ | 296.0* | 412.0 ⁽¹⁾ | 258.0* | 333.0 ⁽¹⁾ | 229.0* | 270.0 ⁽¹⁾ | 199.0* | 218.0 ⁽¹⁾ | 165.0* | 173.0 ⁽¹⁾ | 148.0* | 152.0 ⁽¹⁾ | 131.0* | 133.0 ⁽¹⁾ | 115.0* | 115.0 | | |
| 150 | B 391.0 ⁽¹⁾ | | 391.0 ⁽¹⁾ | | 383.0 ⁽¹⁾ | 283.0* | 373.0 ⁽¹⁾ | 250.0* | 333.0 ⁽¹⁾ | 227.0* | 275.0 ⁽¹⁾ | 199.0* | 223.0 ⁽¹⁾ | 165.0* | 174.0 ⁽¹⁾ | 147.0* | 151.0 ⁽¹⁾ | 130.0* | 132.0 ⁽¹⁾ | 113.0* | 114.0 ⁽¹⁾ | |
| BV 443.0 ⁽¹⁾ | | 439.0 ⁽¹⁾ | | 425.0 ⁽¹⁾ | 292.0* | 403.0 ⁽²⁾ | 252.0* | 332.0 ⁽¹⁾ | 224.0* | 269.0 ⁽¹⁾ | 195.0* | 218.0 ⁽¹⁾ | 163.0* | 172.0 ⁽¹⁾ | 146.0* | 151.0 ⁽¹⁾ | 130.0* | 133.0 ⁽¹⁾ | 114.0* | 115.0 ⁽¹⁾ | | |
| 155 | B 375.0 ⁽¹⁾ | | 377.0 ⁽¹⁾ | | 376.0 ⁽¹⁾ | | 362.0 ⁽¹⁾ | 243.0* | 331.0 ⁽¹⁾ | 221.0* | 274.0 ⁽¹⁾ | 195.0* | 223.0 ⁽¹⁾ | 163.0* | 174.0 ⁽¹⁾ | 146.0* | 151.0 ⁽¹⁾ | 129.0* | 132.0 ⁽¹⁾ | 113.0* | 113.0 | |
| BV 426.0 ⁽¹⁾ | | 423.0 ⁽²⁾ | | 412.0 ⁽¹⁾ | | 395.0 ⁽²⁾ | 246.0* | 331.0 ⁽¹⁾ | 219.0* | 268.0 ⁽¹⁾ | 192.0* | 217.0 ⁽¹⁾ | 161.0* | 172.0 ⁽¹⁾ | 144.0* | 151.0 ⁽¹⁾ | 129.0* | 132.0 ⁽¹⁾ | 113.0* | 114.0 ⁽¹⁾ | | |
| 160 | B 358.0 ⁽¹⁾ | | 364.0 ⁽¹⁾ | | 363.0 ⁽¹⁾ | | 350.0 ⁽¹⁾ | 237.0* | 330.0 ⁽¹⁾ | 216.0* | 273.0 ⁽¹⁾ | 192.0* | 222.0 ⁽¹⁾ | 161.0* | 174.0 ⁽¹⁾ | 144.0* | 150.0 ⁽¹⁾ | 128.0* | 131.0 ⁽¹⁾ | 112.0* | 113.0 ⁽¹⁾ | |
| BV 411.0 ⁽¹⁾ | | 408.0 ⁽¹⁾ | | 399.0 ⁽¹⁾ | | 384.0 ⁽²⁾ | 241.0* | 331.0 ⁽¹⁾ | 214.0* | 268.0 ⁽¹⁾ | 188.0* | 216.0 ⁽¹⁾ | 159.0* | 171.0 ⁽¹⁾ | 142.0* | 150.0 ⁽¹⁾ | 127.0* | 132.0 ⁽¹⁾ | 112.0* | 114.0 ⁽¹⁾ | | |
| 165 | B 342.0 ⁽¹⁾ | | 350.0 ⁽¹⁾ | | 350.0 ⁽¹⁾ | | 338.0 ⁽¹⁾ | 231.0* | 319.0 ⁽¹⁾ | 211.0* | 272.0 ⁽¹⁾ | 189.0* | 221.0 ⁽¹⁾ | 159.0* | 173.0 ⁽¹⁾ | 143.0* | 150.0 ⁽¹⁾ | 127.0* | 131.0 ⁽¹⁾ | 111.0* | 113.0 ⁽¹⁾ | |
| BV 397.0 ⁽¹⁾ | | 394.0 ⁽¹⁾ | | 385.0 ⁽¹⁾ | | 374.0 ⁽¹⁾ | 235.0* | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

HS 295 ft



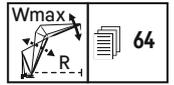
| ft | HS | HS 295 ft | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 230 | B | 190.0 ⁽⁸⁾ | 232.0 ⁽⁸⁾ | 200.0 ⁽¹⁰⁾ | 241.0 ⁽¹⁰⁾ | 203.0 ⁽¹¹⁾ | 244.0 ⁽¹¹⁾ | 213.0 ⁽¹¹⁾ | 254.0 ⁽¹¹⁾ | 220.0 ⁽¹¹⁾ | 244.0 ⁽⁶⁾ | 211.0 ⁽⁵⁾ | 238.0 ⁽²⁾ | 141.0* | 205.0 ⁽⁴⁾ | 125.0* | 166.0 ⁽²⁾ | 116.0* | 140.0 ⁽³⁾ | 106.0* | 126.0 ⁽³⁾ | 95.1* | 107.0 ⁽²⁾ | 95.1* | 107.0 ⁽²⁾ |
| 240 | B | 174.0 ⁽⁸⁾ | 214.0 ⁽⁸⁾ | 183.0 ⁽⁹⁾ | 223.0 ⁽⁹⁾ | 186.0 ⁽¹⁰⁾ | 225.0 ⁽¹⁰⁾ | 195.0 ⁽¹¹⁾ | 235.0 ⁽¹¹⁾ | 205.0 ⁽¹¹⁾ | 231.0 ⁽⁶⁾ | 200.0 ⁽⁹⁾ | 225.0 ⁽³⁾ | 134.0* | 193.0 ⁽³⁾ | 119.0* | 165.0 ⁽³⁾ | 111.0* | 139.0 ⁽³⁾ | 102.0* | 125.0 ⁽³⁾ | 92.0* | 107.0 ⁽³⁾ | 92.0* | 107.0 ⁽³⁾ |
| 240 | BV | 214.0 ⁽⁸⁾ | 223.0 ⁽⁹⁾ | 223.0 ⁽⁹⁾ | 225.0 ⁽¹⁰⁾ | 225.0 ⁽¹⁰⁾ | 225.0 ⁽¹⁰⁾ | 235.0 ⁽¹¹⁾ | 231.0 ⁽⁶⁾ | 225.0 ⁽³⁾ | 231.0 ⁽⁶⁾ | 137.0* | 205.0 ⁽²⁾ | 119.0* | 161.0 ⁽²⁾ | 119.0* | 161.0 ⁽²⁾ | 109.0* | 140.0 ⁽²⁾ | 99.7* | 123.0 ⁽²⁾ | 89.4* | 106.0 ⁽²⁾ | 89.4* | 106.0 ⁽²⁾ |
| 250 | B | 159.0 ⁽⁷⁾ | 198.0 ⁽⁷⁾ | 168.0 ⁽⁹⁾ | 206.0 ⁽⁹⁾ | 169.0 ⁽¹⁰⁾ | 208.0 ⁽¹⁰⁾ | 178.0 ⁽¹¹⁾ | 216.0 ⁽¹¹⁾ | 190.0 ⁽¹¹⁾ | 212.0 ⁽¹¹⁾ | 127.0* | 185.0 ⁽⁴⁾ | 113.0* | 164.0 ⁽³⁾ | 106.0* | 137.0 ⁽³⁾ | 106.0* | 137.0 ⁽³⁾ | 97.9* | 123.0 ⁽³⁾ | 88.7* | 105.0 ⁽³⁾ | 88.7* | 105.0 ⁽³⁾ |
| 250 | BV | 198.0 ⁽⁷⁾ | 206.0 ⁽⁹⁾ | 206.0 ⁽⁹⁾ | 208.0 ⁽¹⁰⁾ | 208.0 ⁽¹⁰⁾ | 208.0 ⁽¹⁰⁾ | 216.0 ⁽¹¹⁾ | 212.0 ⁽¹¹⁾ | 190.0 ⁽¹¹⁾ | 212.0 ⁽¹¹⁾ | 131.0* | 204.0 ⁽²⁾ | 114.0* | 160.0 ⁽²⁾ | 105.0* | 139.0 ⁽²⁾ | 105.0* | 139.0 ⁽²⁾ | 96.0* | 122.0 ⁽²⁾ | 86.2* | 105.0 ⁽²⁾ | 86.2* | 105.0 ⁽²⁾ |
| 260 | B | 146.0 ⁽⁷⁾ | 183.0 ⁽⁷⁾ | 153.0 ⁽⁸⁾ | 190.0 ⁽⁸⁾ | 154.0 ⁽⁹⁾ | 191.0 ⁽⁹⁾ | 163.0 ⁽¹⁰⁾ | 199.0 ⁽¹⁰⁾ | 176.0 ⁽¹¹⁾ | 192.0 ⁽¹¹⁾ | 121.0* | 175.0 ⁽³⁾ | 108.0* | 159.0 ⁽³⁾ | 101.0* | 136.0 ⁽³⁾ | 101.0* | 136.0 ⁽³⁾ | 93.7* | 122.0 ⁽³⁾ | 85.2* | 104.0 ⁽³⁾ | 85.2* | 104.0 ⁽³⁾ |
| 260 | BV | 183.0 ⁽⁷⁾ | 190.0 ⁽⁸⁾ | 190.0 ⁽⁸⁾ | 191.0 ⁽⁹⁾ | 191.0 ⁽⁹⁾ | 191.0 ⁽⁹⁾ | 199.0 ⁽¹⁰⁾ | 209.0 ⁽⁹⁾ | 209.0 ⁽⁹⁾ | 203.0 ⁽⁴⁾ | 126.0* | 197.0 ⁽²⁾ | 110.0* | 160.0 ⁽²⁾ | 101.0* | 138.0 ⁽³⁾ | 101.0* | 138.0 ⁽³⁾ | 92.4* | 120.0 ⁽²⁾ | 83.0* | 104.0 ⁽²⁾ | 83.0* | 104.0 ⁽²⁾ |
| 270 | B | 133.0 ⁽⁴⁾ | 169.0 ⁽⁴⁾ | 140.0 ⁽⁸⁾ | 176.0 ⁽⁸⁾ | 141.0 ⁽⁹⁾ | 176.0 ⁽⁹⁾ | 148.0 ⁽¹⁰⁾ | 184.0 ⁽¹⁰⁾ | 162.0 ⁽¹¹⁾ | 172.0 ⁽¹¹⁾ | 115.0 ⁽¹¹⁾ | 151.0 ⁽¹¹⁾ | 103.0* | 157.0 ⁽⁴⁾ | 95.2* | 133.0 ⁽⁴⁾ | 95.2* | 133.0 ⁽⁴⁾ | 89.4* | 121.0 ⁽³⁾ | 81.5* | 103.0 ⁽³⁾ | 81.5* | 103.0 ⁽³⁾ |
| 270 | BV | 169.0 ⁽⁴⁾ | 176.0 ⁽⁸⁾ | 176.0 ⁽⁸⁾ | 176.0 ⁽⁹⁾ | 176.0 ⁽⁹⁾ | 176.0 ⁽⁹⁾ | 184.0 ⁽¹⁰⁾ | 197.0 ⁽¹¹⁾ | 193.0 ⁽⁵⁾ | 193.0 ⁽⁵⁾ | 126.0* | 197.0 ⁽²⁾ | 105.0* | 159.0 ⁽²⁾ | 97.0* | 137.0 ⁽³⁾ | 97.0* | 137.0 ⁽³⁾ | 89.0* | 119.0 ⁽³⁾ | 79.9* | 103.0 ⁽³⁾ | 79.9* | 103.0 ⁽³⁾ |
| 280 | B | | | 128.0 ⁽⁷⁾ | 163.0 ⁽⁷⁾ | 128.0 ⁽⁸⁾ | 162.0 ⁽⁸⁾ | 135.0 ⁽⁹⁾ | 169.0 ⁽⁹⁾ | 149.0 ⁽¹¹⁾ | 162.0 ⁽¹¹⁾ | 135.0 ⁽¹¹⁾ | 151.0 ⁽¹¹⁾ | 157.0 ⁽³⁾ | 178.0 ⁽⁴⁾ | 100.0* | 157.0 ⁽²⁾ | 92.8* | 135.0 ⁽³⁾ | 85.6* | 119.0 ⁽³⁾ | 76.9* | 102.0 ⁽³⁾ | 76.9* | 102.0 ⁽³⁾ |
| 280 | BV | | | 163.0 ⁽⁷⁾ | 163.0 ⁽⁷⁾ | 162.0 ⁽⁸⁾ | 100.0* | 157.0 ⁽²⁾ | 92.8* | 135.0 ⁽³⁾ | 92.8* | 135.0 ⁽³⁾ | 85.6* | 119.0 ⁽³⁾ | 76.9* | 102.0 ⁽³⁾ | 76.9* | 102.0 ⁽³⁾ |
| 290 | B | | | 117.0 ⁽⁷⁾ | 151.0 ⁽⁷⁾ | 116.0 ⁽⁸⁾ | 150.0 ⁽⁸⁾ | 123.0 ⁽⁹⁾ | 156.0 ⁽⁹⁾ | 135.0 ⁽¹¹⁾ | 143.0 ⁽¹¹⁾ | 150.0 ⁽⁹⁾ | 163.0 ⁽⁵⁾ | 91.6* | 143.0 ⁽⁵⁾ | 85.4* | 129.0 ⁽⁴⁾ | 85.4* | 129.0 ⁽⁴⁾ | 80.0* | 118.0 ⁽³⁾ | 73.6* | 100.0 ⁽³⁾ | 73.6* | 100.0 ⁽³⁾ |
| 290 | BV | | | 151.0 ⁽⁷⁾ | 151.0 ⁽⁷⁾ | 150.0 ⁽⁸⁾ | 150.0 ⁽⁸⁾ | 156.0 ⁽⁹⁾ | 156.0 ⁽⁹⁾ | 168.0 ⁽¹¹⁾ | 168.0 ⁽¹¹⁾ | 176.0 ⁽⁸⁾ | 163.0 ⁽⁵⁾ | 94.7* | 157.0 ⁽⁵⁾ | 88.3* | 134.0 ⁽³⁾ | 88.3* | 134.0 ⁽³⁾ | 82.2* | 118.0 ⁽³⁾ | 74.1* | 102.0 ⁽³⁾ | 74.1* | 102.0 ⁽³⁾ |
| 300 | B | | | | | 105.0 ⁽⁷⁾ | 137.0 ⁽⁷⁾ | 111.0 ⁽⁸⁾ | 143.0 ⁽⁸⁾ | 123.0 ⁽¹⁰⁾ | 155.0 ⁽¹⁰⁾ | 140.0 ⁽¹¹⁾ | 163.0 ⁽⁵⁾ | 86.8* | 134.0 ⁽⁴⁾ | 80.6* | 128.0 ⁽⁵⁾ | 80.6* | 128.0 ⁽⁵⁾ | 75.2* | 116.0 ⁽⁴⁾ | 69.5* | 99.4 ⁽⁴⁾ | 69.5* | 99.4 ⁽⁴⁾ |
| 300 | BV | | | | | 137.0 ⁽⁷⁾ | 137.0 ⁽⁷⁾ | 143.0 ⁽⁸⁾ | 143.0 ⁽⁸⁾ | 168.0 ⁽¹⁰⁾ | 168.0 ⁽¹⁰⁾ | 168.0 ⁽¹⁰⁾ | 163.0 ⁽⁵⁾ | 90.4* | 154.0 ⁽³⁾ | 83.5* | 133.0 ⁽³⁾ | 83.5* | 133.0 ⁽³⁾ | 78.0* | 118.0 ⁽³⁾ | 70.8* | 101.0 ⁽³⁾ | 70.8* | 101.0 ⁽³⁾ |
| 310 | B | | | | | 95.3 ⁽⁷⁾ | 126.0 ⁽⁷⁾ | 101.0 ⁽⁸⁾ | 132.0 ⁽⁸⁾ | 111.0 ⁽¹⁰⁾ | 142.0 ⁽¹⁰⁾ | 128.0 ⁽¹¹⁾ | 159.0 ⁽¹¹⁾ | 88.0* | 128.0 ⁽⁴⁾ | 75.7* | 123.0 ⁽⁵⁾ | 75.7* | 123.0 ⁽⁵⁾ | 70.9* | 115.0 ⁽⁵⁾ | 65.5* | 98.4 ⁽⁴⁾ | 65.5* | 98.4 ⁽⁴⁾ |
| 310 | BV | | | | | 126.0 ⁽⁷⁾ | 126.0 ⁽⁷⁾ | 132.0 ⁽⁸⁾ | 132.0 ⁽⁸⁾ | 142.0 ⁽¹⁰⁾ | 142.0 ⁽¹⁰⁾ | 159.0 ⁽¹¹⁾ | 156.0 ⁽⁶⁾ | 90.4* | 146.0 ⁽⁴⁾ | 78.7* | 131.0 ⁽³⁾ | 78.7* | 131.0 ⁽³⁾ | 73.6* | 117.0 ⁽³⁾ | 67.3* | 99.6 ⁽⁴⁾ | 67.3* | 99.6 ⁽⁴⁾ |
| 320 | B | | | | | | | 90.8 ⁽⁷⁾ | 121.0 ⁽⁷⁾ | 100.0 ⁽⁹⁾ | 130.0 ⁽⁹⁾ | 117.0 ⁽¹¹⁾ | 149.0 ⁽¹¹⁾ | 88.0* | 123.0 ⁽³⁾ | 72.3* | 119.0 ⁽⁶⁾ | 72.3* | 119.0 ⁽⁶⁾ | 66.7* | 113.0 ⁽⁵⁾ | 61.5* | 96.7 ⁽⁵⁾ | 61.5* | 96.7 ⁽⁵⁾ |
| 320 | BV | | | | | | | 121.0 ⁽⁷⁾ | 121.0 ⁽⁷⁾ | 130.0 ⁽⁹⁾ | 130.0 ⁽⁹⁾ | 147.0 ⁽¹¹⁾ | 149.0 ⁽¹¹⁾ | 90.4* | 140.0 ⁽⁴⁾ | 75.1* | 130.0 ⁽⁴⁾ | 75.1* | 130.0 ⁽⁴⁾ | 69.3* | 116.0 ⁽³⁾ | 63.3* | 99.1 ⁽⁴⁾ | 63.3* | 99.1 ⁽⁴⁾ |
| 330 | B | | | | | | | 81.7 ⁽⁷⁾ | 111.0 ⁽⁷⁾ | 90.3 ⁽⁹⁾ | 119.0 ⁽⁹⁾ | 105.0 ⁽¹⁰⁾ | 142.0 ⁽⁸⁾ | 88.0* | 120.0 ⁽¹¹⁾ | 72.0* | 118.0 ⁽⁷⁾ | 72.0* | 118.0 ⁽⁷⁾ | 62.6* | 108.0 ⁽⁶⁾ | 57.4* | 96.3 ⁽⁵⁾ | 57.4* | 96.3 ⁽⁵⁾ |
| 330 | BV | | | | | | | 111.0 ⁽⁷⁾ | 111.0 ⁽⁷⁾ | 119.0 ⁽⁹⁾ | 119.0 ⁽⁹⁾ | 134.0 ⁽¹⁰⁾ | 142.0 ⁽⁸⁾ | 90.4* | 135.0 ⁽⁵⁾ | 75.1* | 127.0 ⁽⁴⁾ | 75.1* | 127.0 ⁽⁴⁾ | 65.1* | 115.0 ⁽⁴⁾ | 59.4* | 98.5 ⁽⁴⁾ | 59.4* | 98.5 ⁽⁴⁾ |
| 340 | B | | | | | | | | | 80.5 ⁽⁸⁾ | 109.0 ⁽⁸⁾ | 95.6 ⁽¹⁰⁾ | 124.0 ⁽¹⁰⁾ | 88.0* | 111.0 ⁽¹¹⁾ | 71.0* | 120.0 ⁽⁷⁾ | 71.0* | 120.0 ⁽⁷⁾ | 59.5* | 104.0 ⁽⁴⁾ | 53.5* | 94.3 ⁽⁴⁾ | 53.5* | 94.3 ⁽⁴⁾ |
| 340 | BV | | | | | | | | | 109.0 ⁽⁸⁾ | 109.0 ⁽⁸⁾ | 124.0 ⁽¹⁰⁾ | 124.0 ⁽¹⁰⁾ | 90.4* | 129.0 ⁽⁴⁾ | 73.0* | 122.0 ⁽⁵⁾ | 73.0* | 122.0 ⁽⁵⁾ | 62.0* | 115.0 ⁽⁴⁾ | 55.7* | 97.9 ⁽⁴⁾ | 55.7* | 97.9 ⁽⁴⁾ |
| 350 | B | | | | | | | | | 71.6 ⁽⁸⁾ | 99.1 ⁽⁸⁾ | 86.0 ⁽¹⁰⁾ | 113.0 ⁽¹⁰⁾ | 88.0* | 101.0 ⁽¹¹⁾ | 70.0* | 107.0 ⁽¹¹⁾ | 70.0* | 107.0 ⁽¹¹⁾ | 59.6 ⁽⁷⁾ | 99.6 ⁽⁷⁾ | 49.8* | 94.3 ⁽⁴⁾ | 49.8* | 94.3 ⁽⁴⁾ |
| 350 | BV | | | | | | | | | 99.1 ⁽⁸⁾ | 99.1 ⁽⁸⁾ | 113.0 ⁽¹⁰⁾ | 129.0 ⁽¹¹⁾ | 90.4* | 129.0 ⁽¹¹⁾ | 73.0* | 122.0 ⁽⁷⁾ | 73.0* | 122.0 ⁽⁷⁾ | 62.0* | 110.0 ⁽⁴⁾ | 52.2* | 97.3 ⁽⁴⁾ | 52.2* | 97.3 ⁽⁴⁾ |
| 360 | B | | | | | | | | | 63.0 ⁽⁷⁾ | 89.7 ⁽⁷⁾ | 63.0 ⁽⁹⁾ | 94.2 ⁽⁹⁾ | 88.0* | 83.0 ⁽⁹⁾ | 67.0* | 97.7 ⁽⁹⁾ | 67.0* | 97.7 ⁽⁹⁾ | 54.0 ⁽⁷⁾ | 94.2 ⁽⁷⁾ | 47.1* | 88.7 ⁽⁶⁾ | 47.1* | 88.7 ⁽⁶⁾ |
| 360 | BV | | | | | | | | | 89.7 ⁽⁷⁾ | 89.7 ⁽⁷⁾ | 103.0 ⁽⁹⁾ | 103.0 ⁽⁹⁾ | 90.4* | 119.0 ⁽¹¹⁾ | 73.0* | 113.0 ⁽⁶⁾ | 73.0* | 113.0 ⁽⁶⁾ | 62.0* | 107.0 ⁽⁵⁾ | 49.5* | 95.6 ⁽⁴⁾ | 49.5* | 95.6 ⁽⁴⁾ |
| 370 | B | | | | | | | | | 55.3 ⁽⁷⁾ | 81.3 ⁽⁷⁾ | 55.3 ⁽⁹⁾ | 81.3 ⁽⁷⁾ | 88.0* | 94.2 ⁽⁹⁾ | 68.0* | 93.1 ⁽¹¹⁾ | 68.0* | 93.1 ⁽¹¹⁾ | 54.0 ⁽⁹⁾ | 89.9 ⁽⁹⁾ | 48.4 ⁽⁷⁾ | 86.4 ⁽⁷⁾ | 48.4 ⁽⁷⁾ | 86.4 ⁽⁷⁾ |
| 370 | BV | | | | | | | | | 81.3 ⁽⁷⁾ | 81.3 ⁽⁷⁾ | 94.2 ⁽⁹⁾ | 94.2 ⁽⁹⁾ | 90.4* | 108.0 ⁽¹⁰⁾ | 73.0* | 113.0 ⁽⁹⁾ | 73.0* | 113.0 ⁽⁹⁾ | 62.0* | 101.0 ⁽⁶⁾ | 49.9 ⁽⁵⁾ | 94.9 ⁽⁵⁾ | 49.9 ⁽⁵⁾ | 94.9 ⁽⁵⁾ |
| 380 | B | | | | | | | | | 59.6 ⁽⁸⁾ | 85.0 ⁽⁸⁾ | 59.6 ⁽¹⁰⁾ | 85.0 ⁽⁸⁾ | 88.0* | 73.6 ⁽¹⁰⁾ | 65.0* | 85.6 ⁽¹¹⁾ | 65.0* | 85.6 ⁽¹¹⁾ | 54.0 ⁽⁸⁾ | 88.0 ⁽¹¹⁾ | 48.2 ⁽⁸⁾ | 82.2 ⁽⁸⁾ | 48.2 ⁽⁸⁾ | 82.2 ⁽⁸⁾ |
| 380 | BV | | | | | | | | | 85.0 ⁽⁸⁾ | 85.0 ⁽⁸⁾ | 94.2 ⁽⁹⁾ | 94.2 ⁽⁹⁾ | 90.4* | 98.8 ⁽¹⁰⁾ | 73.0* | 109.0 ⁽¹⁰⁾ | 73.0* | 109.0 ⁽¹⁰⁾ | 62.0* | 97.5 ⁽⁴⁾ | 49.2 ⁽⁵⁾ | 92.2 ⁽⁵⁾ | 49.2 ⁽⁵⁾ | 92.2 ⁽⁵⁾ |
| 390 | B | | | | | | | | | 52.2 ⁽⁸⁾ | 76.9 ⁽⁸⁾ | 52.2 ⁽¹⁰⁾ | 76.9 ⁽⁸⁾ | 88.0* | 65.3 ⁽¹⁰⁾ | 53.0* | 77.6 ⁽¹¹⁾ | 53.0* | 77.6 ⁽¹¹⁾ | 44.0 ⁽⁷⁾ | 81.0 ⁽¹¹⁾ | 40.2 ⁽⁷⁾ | 77.9 ⁽⁹⁾ | 40.2 ⁽⁷⁾ | 77.9 ⁽⁹⁾ |
| 390 | BV | | | | | | | | | 76.9 ⁽⁸⁾ | 76.9 ⁽⁸⁾ | 85.0 ⁽⁸⁾ | 85.0 ⁽⁸⁾ | 90.4* | 89.8 ⁽¹⁰⁾ | 73.0* | 102.0 ⁽¹¹⁾ | 73.0* | 102.0 ⁽¹¹⁾ | 62.0* | 94.0 ⁽⁷⁾ | 49.8 ⁽⁵⁾ | 92.2 ⁽⁵⁾ | 49.8 ⁽⁵⁾ | 92.2 ⁽⁵⁾ |
| 400 | B | | | | | | | | | 45.2 ⁽⁷⁾ | 68.7 ⁽⁷⁾ | 45.2 ⁽⁹⁾ | 68.7 ⁽⁷⁾ | 88.0* | 45.2 ⁽⁷⁾ | 56.0 ⁽⁹⁾ | 69.5 ⁽¹¹⁾ | 56.0 ⁽⁹⁾ | 69.5 ⁽¹¹⁾ | 44.0 ⁽⁷⁾ | 74.0 ⁽¹¹⁾ | 40.2 ⁽⁷⁾ | 74.0 ⁽¹⁰⁾ | 40.2 ⁽⁷⁾ | 74.0 ⁽¹⁰⁾ |
| 400 | BV | | | | | | | | | 68.7 ⁽⁷⁾ | 68.7 ⁽⁷⁾ | 85.0 ⁽⁸⁾ | 85.0 ⁽⁸⁾ | 90.4* | 81.0 ⁽⁹⁾ | 60.0 ⁽¹⁰⁾ | 93.3 ⁽¹¹⁾ | 60.0 ⁽¹⁰⁾ | 93.3 ⁽¹¹⁾ | 54.0 ⁽⁷⁾ | 70.5 ⁽¹¹⁾ | 41.8 ⁽⁵⁾ | 83.6 ⁽⁶⁾ | 41.8 ⁽⁵⁾ | 83.6 ⁽⁶⁾ |
| 410 | B | | | | | | | | | | | 39.5 ⁽⁷⁾ | 61.4 ⁽⁷⁾ | 88.0* | 49.6 ⁽⁹⁾ | 56.0 ⁽¹¹⁾ | 60.4 ⁽¹⁰⁾ | 56.0 ⁽¹¹⁾ | 60.4 ⁽¹⁰⁾ | 44.0 ⁽⁷⁾ | 66.7 ⁽¹¹⁾ | 40.2 ⁽⁷⁾ | 71.3 ⁽¹¹⁾ | 40.2 ⁽⁷⁾ | 71.3 ⁽¹¹⁾ |
| 410 | BV | | | | | | | | | | | 61.4 ⁽⁷⁾ | 61.4 ⁽⁷⁾ | 90.4* | 73.1 ⁽⁹⁾ | 60.0 ⁽¹⁰⁾ | 83.8 ⁽¹⁰⁾ | 60.0 ⁽¹⁰⁾ | 83.8 ⁽¹⁰⁾ | 54.0 ⁽⁷⁾ | 89.2 ⁽¹¹⁾ | 41.8 ⁽⁵⁾ | 80.7 ⁽⁷⁾ | 41.8 ⁽⁵⁾ | 80.7 ⁽⁷⁾ |
| 420 | B | | | | | | | | | | | 43.0 ⁽⁸⁾ | 65.1 ⁽⁸⁾ | 88.0* | 43.0 ⁽⁸⁾ | 53.0 ⁽¹⁰⁾ | 53.3 ⁽¹⁰⁾ | 53.3 ⁽¹⁰⁾ | 53.3 ⁽¹⁰⁾ | 44.0 ⁽⁷⁾ | | | | | |

HSDWB / HSDWBV

HS 315 ft



661,400 – 881,850 lb
 330,700 – 659,200 lb
 110,000 – 328,500 lb



| ft | HS 315 ft | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|------|--|
| | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | | | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 45 | B | 546.0 | 550.0 ⁽²⁾ | | | | | | | | | | | | | | | | | | | | | | |
| | BV | 548.0 | 552.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | |
| 50 | B | 529.0 | 548.0 ⁽²⁾ | 483.0 | 485.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | |
| | BV | 531.0 | 550.0 ⁽¹⁾ | 485.0 | 487.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | |
| 55 | B | 512.0 | 548.0 ⁽²⁾ | 468.0 | 484.0 ⁽²⁾ | 434.0 | 435.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| | BV | 513.0 | 549.0 ⁽¹⁾ | 469.0 | 485.0 ⁽¹⁾ | 435.0 | 437.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | |
| 60 | B | 539.0* | 547.0 ⁽²⁾ | 455.0 | 485.0 ⁽²⁾ | 423.0 | 434.0 ⁽²⁾ | 387.0 | 388.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| | BV | 539.0* | 547.0 ⁽¹⁾ | 453.0 | 482.0 ⁽¹⁾ | 423.0 | 435.0 ⁽¹⁾ | 388.0 | 389.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| 65 | B | 525.0* | 546.0 ⁽²⁾ | 481.0* | 485.0 ⁽²⁾ | 411.0 | 434.0 ⁽²⁾ | 378.0 | 388.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| | BV | 521.0* | 544.0 ⁽¹⁾ | 475.0* | 480.0 ⁽¹⁾ | 410.0 | 433.0 ⁽¹⁾ | 378.0 | 387.0 ⁽¹⁾ | | | | | | | | | | | | | | | | |
| 70 | B | 508.0* | 544.0 ⁽²⁾ | 469.0* | 484.0 ⁽²⁾ | 432.0* | 434.0 ⁽²⁾ | 368.0 | 388.0 ⁽¹⁾ | 310.0 | 310.0 | | | | | | | | | | | | | | |
| | BV | 502.0* | 542.0 ⁽¹⁾ | 461.0* | 478.0 ⁽¹⁾ | 429.0* | 431.0 ⁽¹⁾ | 367.0 | 386.0 ⁽¹⁾ | 310.0 | 310.0 | | | | | | | | | | | | | | |
| 75 | B | 493.0* | 542.0 ⁽²⁾ | 455.0* | 483.0 ⁽²⁾ | 423.0* | 433.0 ⁽²⁾ | 388.0* | 389.0 ⁽¹⁾ | 303.0 | 309.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 483.0* | 539.0 ⁽¹⁾ | 446.0* | 475.0 ⁽¹⁾ | 418.0* | 429.0 ⁽¹⁾ | 384.0* | 385.0 ⁽¹⁾ | 303.0 | 309.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 80 | B | 479.0* | 541.0 ⁽²⁾ | 442.0* | 481.0 ⁽²⁾ | 413.0* | 432.0 ⁽²⁾ | 379.0* | 387.0 ⁽¹⁾ | 295.0 | 309.0 ⁽¹⁾ | 249.0 | 250.0 ⁽¹⁾ | | | | | | | | | | | | |
| | BV | 465.0* | 536.0 ⁽¹⁾ | 431.0* | 472.0 ⁽¹⁾ | 407.0* | 426.0 ⁽¹⁾ | 375.0* | 382.0 ⁽¹⁾ | 295.0 | 307.0 ⁽¹⁾ | 249.0 | 250.0 ⁽¹⁾ | | | | | | | | | | | | |
| 85 | B | 462.0* | 539.0 ⁽²⁾ | 428.0* | 480.0 ⁽²⁾ | 400.0* | 431.0 ⁽²⁾ | 371.0* | 387.0 ⁽¹⁾ | 309.0* | 309.0 | 244.0 | 249.0 ⁽¹⁾ | 202.0 | 202.0 | | | | | | | | | | |
| | BV | 448.0* | 534.0 ⁽¹⁾ | 416.0* | 470.0 ⁽¹⁾ | 395.0* | 424.0 ⁽¹⁾ | 365.0* | 380.0 ⁽¹⁾ | 287.0 | 305.0 ⁽¹⁾ | 244.0 | 248.0 ⁽¹⁾ | 202.0 | 202.0 | | | | | | | | | | |
| 90 | B | 445.0* | 536.0 ⁽²⁾ | 414.0* | 479.0 ⁽²⁾ | 389.0* | 430.0 ⁽²⁾ | 362.0* | 386.0 ⁽¹⁾ | 303.0* | 308.0 ⁽¹⁾ | 239.0 | 248.0 ⁽¹⁾ | 199.0 | 199.0 | | | | | | | | | | |
| | BV | 435.0* | 532.0 ⁽¹⁾ | 401.0* | 467.0 ⁽¹⁾ | 382.0* | 421.0 ⁽¹⁾ | 355.0* | 378.0 ⁽¹⁾ | 299.0* | 304.0 ⁽¹⁾ | 239.0 | 247.0 ⁽¹⁾ | 198.0 | 198.0 | | | | | | | | | | |
| 95 | B | | 527.0 ⁽²⁾ | 399.0* | 477.0 ⁽²⁾ | 378.0* | 429.0 ⁽²⁾ | 351.0* | 385.0 ⁽¹⁾ | 297.0* | 308.0 ⁽¹⁾ | 250.0* | 250.0 | 195.0 | 198.0 ⁽¹⁾ | 157.0 | 157.0 | | | | | | | | |
| | BV | | 533.0 ⁽¹⁾ | 386.0* | 465.0 ⁽¹⁾ | 368.0* | 419.0 ⁽¹⁾ | 343.0* | 376.0 ⁽¹⁾ | 292.0* | 302.0 ⁽¹⁾ | 247.0* | 247.0 | 194.0 | 197.0 ⁽¹⁾ | 158.0 | 158.0 | | | | | | | | |
| 100 | B | | 518.0 ⁽²⁾ | 385.0* | 473.0 ⁽²⁾ | 365.0* | 428.0 ⁽²⁾ | 342.0* | 384.0 ⁽¹⁾ | 291.0* | 307.0 ⁽¹⁾ | 245.0* | 248.0 ⁽¹⁾ | 191.0 | 197.0 ⁽¹⁾ | 155.0 | 155.0 | 137.0 | 137.0 | | | | | | |
| | BV | | 535.0 ⁽¹⁾ | 371.0* | 466.0 ⁽¹⁾ | 356.0* | 416.0 ⁽¹⁾ | 333.0* | 374.0 ⁽¹⁾ | 285.0* | 301.0 ⁽¹⁾ | 242.0* | 244.0 ⁽¹⁾ | 191.0 | 196.0 ⁽¹⁾ | 155.0 | 155.0 | 137.0 | 137.0 | | | | | | |
| 105 | B | | 509.0 ⁽²⁾ | 373.0* | 468.0 ⁽²⁾ | 352.0* | 426.0 ⁽²⁾ | 333.0* | 383.0 ⁽¹⁾ | 286.0* | 307.0 ⁽¹⁾ | 242.0* | 248.0 ⁽¹⁾ | 199.0* | 199.0 | 153.0 | 155.0 ⁽¹⁾ | 135.0 | 135.0 | 120.0 | 120.0 | | | | |
| | BV | | 536.0 ⁽¹⁾ | 359.0* | 468.0 ⁽¹⁾ | 345.0* | 415.0 ⁽¹⁾ | 323.0* | 372.0 ⁽¹⁾ | 278.0* | 299.0 ⁽¹⁾ | 238.0* | 243.0 ⁽¹⁾ | 187.0 | 195.0 ⁽¹⁾ | 153.0 | 155.0 ⁽¹⁾ | 136.0 | 136.0 | 120.0 | 120.0 | | | | |
| 110 | B | | 500.0 ⁽²⁾ | 361.0* | 462.0 ⁽²⁾ | 341.0* | 422.0 ⁽²⁾ | 324.0* | 383.0 ⁽¹⁾ | 280.0* | 307.0 ⁽¹⁾ | 239.0* | 248.0 ⁽¹⁾ | 197.0* | 198.0 ⁽¹⁾ | 151.0 | 155.0 ⁽¹⁾ | 134.0 | 135.0 ⁽¹⁾ | 118.0 | 118.0 | 103.0 | 103.0 | | |
| | BV | | 538.0 ⁽¹⁾ | 356.0* | 471.0 ⁽¹⁾ | 335.0* | 417.0 ⁽¹⁾ | 314.0* | 370.0 ⁽¹⁾ | 271.0* | 298.0 ⁽¹⁾ | 233.0* | 242.0 ⁽¹⁾ | 194.0* | 194.0 | 151.0 | 154.0 ⁽¹⁾ | 134.0 | 135.0 ⁽¹⁾ | 118.0 | 118.0 | 103.0 | 103.0 | | |
| 115 | B | | 491.0 ⁽²⁾ | | 457.0 ⁽²⁾ | 331.0* | 418.0 ⁽²⁾ | 314.0* | 381.0 ⁽¹⁾ | 273.0* | 307.0 ⁽¹⁾ | 235.0* | 249.0 ⁽¹⁾ | 195.0* | 198.0 ⁽¹⁾ | 157.0* | 157.0 | 132.0 | 135.0 ⁽¹⁾ | 117.0 | 118.0 ⁽¹⁾ | 102.0 | 102.0 | | |
| | BV | | 539.0 ⁽¹⁾ | | 473.0 ⁽¹⁾ | 305.0* | 420.0 ⁽¹⁾ | 305.0* | 371.0 ⁽¹⁾ | 265.0* | 296.0 ⁽¹⁾ | 229.0* | 242.0 ⁽¹⁾ | 191.0* | 194.0 ⁽¹⁾ | 148.0 | 154.0 ⁽¹⁾ | 132.0 | 135.0 ⁽¹⁾ | 117.0 | 118.0 ⁽¹⁾ | 102.0 | 102.0 | | |
| 120 | B | | 482.0 ⁽²⁾ | | 451.0 ⁽²⁾ | 322.0* | 415.0 ⁽²⁾ | 305.0* | 378.0 ⁽¹⁾ | 268.0* | 307.0 ⁽¹⁾ | 232.0* | 249.0 ⁽¹⁾ | 193.0* | 198.0 ⁽¹⁾ | 156.0* | 156.0 | 130.0 | 136.0 ⁽¹⁾ | 116.0 | 118.0 ⁽¹⁾ | 101.0 | 102.0 ⁽¹⁾ | | |
| | BV | | 541.0 ⁽¹⁾ | | 476.0 ⁽¹⁾ | 317.0* | 422.0 ⁽¹⁾ | 297.0* | 372.0 ⁽¹⁾ | 258.0* | 295.0 ⁽¹⁾ | 225.0* | 241.0 ⁽¹⁾ | 189.0* | 193.0 ⁽¹⁾ | 153.0* | 153.0 | 130.0 | 134.0 ⁽¹⁾ | 116.0 | 118.0 ⁽¹⁾ | 101.0 | 102.0 ⁽¹⁾ | | |
| 125 | B | | 465.0 ⁽²⁾ | | 446.0 ⁽²⁾ | 312.0* | 411.0 ⁽²⁾ | 296.0* | 376.0 ⁽¹⁾ | 262.0* | 307.0 ⁽¹⁾ | 228.0* | 249.0 ⁽¹⁾ | 190.0* | 198.0 ⁽¹⁾ | 154.0* | 155.0 ⁽¹⁾ | 136.0* | 136.0 | 115.0 | 118.0 ⁽¹⁾ | 100.0 | 102.0 ⁽¹⁾ | | |
| | BV | | 526.0 ⁽¹⁾ | | 478.0 ⁽¹⁾ | 311.0* | 425.0 ⁽¹⁾ | 289.0* | 374.0 ⁽¹⁾ | 252.0* | 294.0 ⁽¹⁾ | 220.0* | 240.0 ⁽¹⁾ | 186.0* | 193.0 ⁽¹⁾ | 151.0* | 153.0 ⁽¹⁾ | 128.0 | 134.0 ⁽¹⁾ | 114.0 | 118.0 ⁽¹⁾ | 100.0 | 102.0 ⁽¹⁾ | | |
| 130 | B | | 448.0 ⁽²⁾ | | 440.0 ⁽²⁾ | 305.0* | 407.0 ⁽²⁾ | 288.0* | 374.0 ⁽¹⁾ | 256.0* | 305.0 ⁽¹⁾ | 225.0* | 249.0 ⁽¹⁾ | 188.0* | 198.0 ⁽¹⁾ | 153.0* | 155.0 ⁽¹⁾ | 135.0* | 136.0 ⁽¹⁾ | 119.0* | 119.0 | 99.1 | 102.0 ⁽¹⁾ | | |
| | BV | | 508.0 ⁽¹⁾ | | 480.0 ⁽¹⁾ | 308.0* | 427.0 ⁽¹⁾ | 282.0* | 376.0 ⁽¹⁾ | 246.0* | 294.0 ⁽¹⁾ | 216.0* | 239.0 ⁽¹⁾ | 183.0* | 192.0 ⁽¹⁾ | 150.0* | 152.0 ⁽¹⁾ | 133.0* | 134.0 ⁽¹⁾ | 114.0* | 117.0 ⁽¹⁾ | 99.3 | 102.0 ⁽¹⁾ | | |
| 135 | B | | 431.0 ⁽⁴⁾ | | 424.0 ⁽²⁾ | | 403.0 ⁽²⁾ | 280.0* | 371.0 ⁽¹⁾ | 249.0* | 303.0 ⁽¹⁾ | 220.0* | 250.0 ⁽¹⁾ | 186.0* | 199.0 ⁽¹⁾ | 151.0* | 155.0 ⁽¹⁾ | 134.0* | 136.0 ⁽¹⁾ | 118.0* | 118.0 | 102.0* | 102.0 | | |
| | BV | | 489.0 ⁽¹⁾ | | 469.0 ⁽¹⁾ | | 429.0 ⁽¹⁾ | 275.0* | 378.0 ⁽¹⁾ | 240.0* | 295.0 ⁽¹⁾ | 211.0* | 238.0 ⁽¹⁾ | 180.0* | 191.0 ⁽¹⁾ | 148.0* | 151.0 ⁽¹⁾ | 131.0* | 133.0 ⁽¹⁾ | 117.0* | 117.0 | 102.0* | 102.0 | | |
| 140 | B | | 416.0 ⁽⁴⁾ | | 409.0 ⁽³⁾ | | 396.0 ⁽²⁾ | 273.0* | 369.0 ⁽²⁾ | 242.0* | 302.0 ⁽¹⁾ | 216.0* | 250.0 ⁽¹⁾ | 183.0* | 199.0 ⁽¹⁾ | 150.0* | 155.0 ⁽¹⁾ | 133.0* | 135.0 ⁽¹⁾ | 118.0* | 118.0 | 102.0* | 102.0 | | |
| | BV | | 471.0 ⁽¹⁾ | | 457.0 ⁽²⁾ | | 428.0 ⁽¹⁾ | 268.0* | 379.0 ⁽¹⁾ | 234.0* | 296.0 ⁽¹⁾ | 207.0* | 237.0 ⁽¹⁾ | 177.0* | 191.0 ⁽¹⁾ | 146.0* | 151.0 ⁽¹⁾ | 130.0* | 133.0 ⁽¹⁾ | 115.0* | 117.0 ⁽¹⁾ | 101.0* | 101.0 | | |
| 145 | B | | 401.0 ⁽⁹⁾ | | 395.0 ⁽³⁾ | | 383.0 ⁽²⁾ | 266.0* | 367.0 ⁽¹⁾ | 236.0* | 300.0 ⁽¹⁾ | 212.0* | 249.0 ⁽¹⁾ | 181.0* | 199.0 ⁽¹⁾ | 148.0* | 155.0 ⁽¹⁾ | 132.0* | 135.0 ⁽¹⁾ | 117.0* | 118.0 ⁽¹⁾ | 101.0* | 101.0 | | |
| | BV | | 453.0 ⁽¹⁾ | | 443.0 ⁽²⁾ | | 417.0 ⁽²⁾ | 266.0* | 381.0 ⁽¹⁾ | 228.0* | 297.0 ⁽¹⁾ | 202.0* | 237.0 ⁽¹⁾ | 174.0* | 190.0 ⁽¹⁾ | 144.0* | 150.0 ⁽¹⁾ | 128.0* | 132.0 ⁽¹⁾ | 114.0* | 116.0 ⁽¹⁾ | 99.9* | 101.0 ⁽¹⁾ | | |
| 150 | B | | 387.0 ⁽¹¹⁾ | | 383.0 ⁽⁵⁾ | | 370.0 ⁽²⁾ | 261.0* | 359.0 ⁽²⁾ | 230.0* | 298.0 ⁽¹⁾ | 208.0* | 247.0 ⁽¹⁾ | 178.0* | 199.0 ⁽¹⁾ | 147.0* | 155.0 ⁽¹⁾ | 130.0* | 135.0 ⁽¹⁾ | 116.0* | 117.0 ⁽¹⁾ | 101.0* | 101.0 | | |
| | BV | | 436.0 ⁽²⁾ | | 429.0 ⁽²⁾ | | 408.0 ⁽²⁾ | 263.0* | 378.0 ⁽¹⁾ | 223.0* | 298.0 ⁽¹⁾ | 198.0* | 238.0 ⁽¹⁾ | 171.0* | 190.0 ⁽¹⁾ | 142.0* | 150.0 ⁽¹⁾ | 127.0* | 132.0 ⁽¹⁾ | 113.0* | 116.0 ⁽¹⁾ | 98.9* | 100.0 ⁽¹⁾ | | |
| 155 | B | | 372.0 ⁽¹¹⁾ | | 371.0 ⁽⁶⁾ | | 359.0 ⁽³⁾ | | 352.0 ⁽²⁾ | 224.0* | 296.0 ⁽¹⁾ | 203.0* | 245.0 ⁽¹⁾ | 175.0* | 199.0 ⁽¹⁾ | 145.0* | 154.0 ⁽¹⁾ | 129.0* | 135.0 ⁽¹⁾ | 114.0* | 117.0 ⁽¹⁾ | 100.0* | 101.0 ⁽¹⁾ | | |
| | BV | | 420.0 ⁽¹⁾ | | 415.0 ⁽²⁾ | | 397.0 ⁽²⁾ | | 376.0 ⁽²⁾ | 218.0* | 299.0 ⁽¹⁾ | 194.0* | 238.0 ⁽¹⁾ | 168.0* | 189.0 ⁽¹⁾ | 140.0* | 149.0 ⁽¹⁾ | 125.0* | 131.0 ⁽¹⁾ | 112.0* | 115.0 ⁽¹⁾ | 99.8* | 99.6 ⁽¹⁾ | | |
| 160 | B | | 356.0 ⁽¹¹⁾ | | 357.0 ⁽⁷⁾ | | 347.0 ⁽⁴⁾ | | 342.0 ⁽²⁾ | 219.0* | 295.0 ⁽¹⁾ | 198.0* | 244.0 ⁽¹⁾ | 172.0* | 198.0 ⁽¹⁾ | 143.0* | 154.0 ⁽¹⁾ | 128.0* | 134.0 ⁽¹⁾ | 113.0* | 117.0 ⁽¹⁾ | 99.5* | 100.0 ⁽¹⁾ | | |
| | BV | | | | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

HS 315 ft

315 ft
HS

128 ft
D

59 - 335 ft
W

154,300 lb

463,000 lb

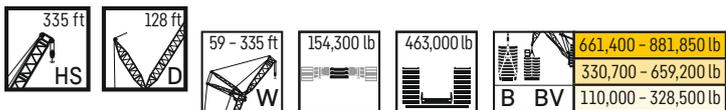
661,400 - 881,850 lb
330,700 - 659,200 lb
110,000 - 328,500 lb

64

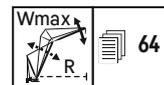
| ft | HS 315 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|-----------|-----------------------|---------|-----------------------|---------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|----------|----------------------|----------|----------------------|----------|----------------------|
| | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 220 | B | 207.0 ⁽⁹⁾ | | 217.0 ⁽¹¹⁾ | | 221.0 ⁽¹¹⁾ | | 230.0 ⁽¹¹⁾ | | 225.0 ⁽⁴⁾ | 150.0* | 216.0 ⁽⁴⁾ | 134.0* | 185.0 ⁽²⁾ | 117.0* | 148.0 ⁽²⁾ | 108.0* | 128.0 ⁽²⁾ | 97.9* | 114.0 ⁽²⁾ | 86.7* | 97.3 ⁽²⁾ |
| | BV | 250.0 ⁽¹⁰⁾ | | 260.0 ⁽¹¹⁾ | | 264.0 ⁽¹¹⁾ | | 265.0 ⁽⁷⁾ | | 253.0 ⁽³⁾ | 151.0* | 235.0 ⁽¹⁾ | 128.0* | 188.0 ⁽²⁾ | 111.0* | 145.0 ⁽¹⁾ | 101.0* | 125.0 ⁽¹⁾ | 91.5* | 109.0 ⁽¹⁾ | 81.5* | 93.2 ⁽²⁾ |
| 230 | B | 189.0 ⁽⁹⁾ | | 199.0 ⁽¹⁰⁾ | | 202.0 ⁽¹¹⁾ | | 212.0 ⁽¹¹⁾ | | 213.0 ⁽⁸⁾ | 145.0* | 208.0 ⁽⁴⁾ | 128.0* | 182.0 ⁽³⁾ | 112.0* | 146.0 ⁽³⁾ | 103.0* | 127.0 ⁽³⁾ | 94.7* | 112.0 ⁽³⁾ | 83.8* | 95.8 ⁽²⁾ |
| | BV | 231.0 ⁽⁹⁾ | | 241.0 ⁽¹⁰⁾ | | 243.0 ⁽¹¹⁾ | | 251.0 ⁽⁹⁾ | | 240.0 ⁽⁴⁾ | 145.0* | 228.0 ⁽²⁾ | 123.0* | 187.0 ⁽²⁾ | 106.0* | 145.0 ⁽²⁾ | 96.6* | 125.0 ⁽²⁾ | 87.9* | 109.0 ⁽²⁾ | 78.4* | 92.2 ⁽²⁾ |
| 240 | B | 173.0 ⁽⁸⁾ | | 182.0 ⁽¹⁰⁾ | | 183.0 ⁽¹⁰⁾ | | 195.0 ⁽¹¹⁾ | | 202.0 ⁽¹⁰⁾ | | 197.0 ⁽⁵⁾ | 122.0* | 177.0 ⁽³⁾ | 107.0* | 144.0 ⁽³⁾ | 98.6* | 125.0 ⁽³⁾ | 90.8* | 112.0 ⁽³⁾ | 81.2* | 95.5 ⁽³⁾ |
| | BV | 213.0 ⁽⁹⁾ | | 222.0 ⁽¹⁰⁾ | | 222.0 ⁽¹⁰⁾ | | 235.0 ⁽¹¹⁾ | | 227.0 ⁽⁵⁾ | | 222.0 ⁽²⁾ | 118.0* | 186.0 ⁽²⁾ | 101.0* | 145.0 ⁽³⁾ | 92.6* | 125.0 ⁽²⁾ | 84.3* | 108.0 ⁽²⁾ | 75.3* | 92.6 ⁽²⁾ |
| 250 | B | 158.0 ⁽⁷⁾ | | 167.0 ⁽⁹⁾ | | 168.0 ⁽¹⁰⁾ | | 179.0 ⁽¹¹⁾ | | 190.0 ⁽¹¹⁾ | | 187.0 ⁽⁶⁾ | 116.0* | 175.0 ⁽⁴⁾ | 102.0* | 143.0 ⁽³⁾ | 93.9* | 124.0 ⁽³⁾ | 86.8* | 111.0 ⁽³⁾ | 78.2* | 94.9 ⁽³⁾ |
| | BV | 196.0 ⁽⁷⁾ | | 205.0 ⁽⁹⁾ | | 206.0 ⁽¹⁰⁾ | | 217.0 ⁽¹¹⁾ | | 216.0 ⁽⁶⁾ | | 211.0 ⁽³⁾ | 115.0* | 185.0 ⁽²⁾ | 97.2* | 144.0 ⁽²⁾ | 88.7* | 125.0 ⁽²⁾ | 80.8* | 108.0 ⁽²⁾ | 72.2* | 92.3 ⁽²⁾ |
| 260 | B | 145.0 ⁽⁷⁾ | | 153.0 ⁽⁹⁾ | | 152.0 ⁽¹⁰⁾ | | 162.0 ⁽¹⁰⁾ | | 176.0 ⁽¹¹⁾ | | 177.0 ⁽⁷⁾ | 110.0* | 166.0 ⁽⁵⁾ | 97.2* | 141.0 ⁽³⁾ | 89.6* | 123.0 ⁽³⁾ | 82.5* | 109.0 ⁽³⁾ | 75.0* | 93.7 ⁽³⁾ |
| | BV | 182.0 ⁽⁷⁾ | | 190.0 ⁽⁹⁾ | | 189.0 ⁽¹⁰⁾ | | 198.0 ⁽¹⁰⁾ | | 205.0 ⁽⁸⁾ | | 200.0 ⁽⁴⁾ | 112.0* | 184.0 ⁽²⁾ | 93.1* | 144.0 ⁽³⁾ | 85.1* | 124.0 ⁽³⁾ | 77.8* | 108.0 ⁽²⁾ | 69.2* | 92.0 ⁽²⁾ |
| 270 | B | 132.0 ⁽⁶⁾ | | 139.0 ⁽⁸⁾ | | 139.0 ⁽⁹⁾ | | 148.0 ⁽¹⁰⁾ | | 162.0 ⁽¹¹⁾ | | 168.0 ⁽⁹⁾ | 107.0* | 161.0 ⁽⁵⁾ | 92.7* | 138.0 ⁽⁴⁾ | 85.5* | 122.0 ⁽³⁾ | 79.0* | 108.0 ⁽³⁾ | 71.6* | 92.5 ⁽³⁾ |
| | BV | 167.0 ⁽⁸⁾ | | 175.0 ⁽⁸⁾ | | 174.0 ⁽⁹⁾ | | 184.0 ⁽¹⁰⁾ | | 196.0 ⁽¹⁰⁾ | | 190.0 ⁽⁵⁾ | 109.0* | 178.0 ⁽³⁾ | 89.4* | 143.0 ⁽³⁾ | 81.4* | 124.0 ⁽³⁾ | 74.2* | 107.0 ⁽²⁾ | 66.2* | 91.7 ⁽²⁾ |
| 280 | B | 121.0 ⁽⁶⁾ | | 128.0 ⁽⁸⁾ | | 126.0 ⁽⁹⁾ | | 135.0 ⁽¹⁰⁾ | | 149.0 ⁽¹¹⁾ | | 160.0 ⁽¹⁰⁾ | | 154.0 ⁽⁶⁾ | 88.2* | 135.0 ⁽⁴⁾ | 81.4* | 120.0 ⁽⁴⁾ | 75.2* | 107.0 ⁽³⁾ | 68.2* | 91.3 ⁽³⁾ |
| | BV | 155.0 ⁽⁶⁾ | | 162.0 ⁽⁸⁾ | | 160.0 ⁽⁹⁾ | | 169.0 ⁽¹⁰⁾ | | 183.0 ⁽¹¹⁾ | | 181.0 ⁽⁶⁾ | | 174.0 ⁽³⁾ | 85.8* | 143.0 ⁽³⁾ | 78.0* | 125.0 ⁽³⁾ | 71.1* | 107.0 ⁽³⁾ | 63.4* | 90.6 ⁽³⁾ |
| 290 | B | 109.0 ⁽⁵⁾ | | 116.0 ⁽⁸⁾ | | 114.0 ⁽⁸⁾ | | 122.0 ⁽⁹⁾ | | 136.0 ⁽¹¹⁾ | | 150.0 ⁽¹¹⁾ | | 146.0 ⁽⁷⁾ | 83.5* | 133.0 ⁽⁵⁾ | 76.7* | 119.0 ⁽⁴⁾ | 71.2* | 105.0 ⁽⁴⁾ | 64.9* | 90.1 ⁽³⁾ |
| | BV | 143.0 ⁽⁶⁾ | | 149.0 ⁽⁸⁾ | | 147.0 ⁽⁸⁾ | | 156.0 ⁽⁹⁾ | | 169.0 ⁽¹¹⁾ | | 173.0 ⁽⁷⁾ | | 165.0 ⁽⁴⁾ | 83.8* | 142.0 ⁽³⁾ | 74.8* | 122.0 ⁽⁴⁾ | 67.9* | 107.0 ⁽³⁾ | 60.7* | 91.0 ⁽³⁾ |
| 300 | B | | | 106.0 ⁽⁶⁾ | | 103.0 ⁽⁸⁾ | | 111.0 ⁽⁹⁾ | | 122.0 ⁽¹⁰⁾ | | 139.0 ⁽¹¹⁾ | | 139.0 ⁽⁸⁾ | 79.0* | 128.0 ⁽⁵⁾ | 72.2* | 116.0 ⁽⁵⁾ | 67.0* | 104.0 ⁽⁴⁾ | 61.1* | 89.3 ⁽⁴⁾ |
| | BV | | | 138.0 ⁽⁷⁾ | | 135.0 ⁽⁸⁾ | | 143.0 ⁽⁹⁾ | | 154.0 ⁽¹⁰⁾ | | 165.0 ⁽⁸⁾ | | 157.0 ⁽⁵⁾ | 80.9* | 142.0 ⁽³⁾ | 71.8* | 121.0 ⁽⁴⁾ | 65.1* | 106.0 ⁽³⁾ | 57.9* | 90.7 ⁽³⁾ |
| 310 | B | | | 95.9 ⁽⁷⁾ | | 92.8 ⁽⁷⁾ | | 100.0 ⁽⁸⁾ | | 111.0 ⁽¹⁰⁾ | | 129.0 ⁽¹¹⁾ | | 132.0 ⁽⁹⁾ | 76.3* | 125.0 ⁽⁴⁾ | 68.1* | 115.0 ⁽⁵⁾ | 62.7* | 101.0 ⁽⁵⁾ | 57.1* | 88.4 ⁽⁴⁾ |
| | BV | | | 127.0 ⁽⁷⁾ | | 124.0 ⁽⁷⁾ | | 131.0 ⁽⁸⁾ | | 142.0 ⁽¹⁰⁾ | | 158.0 ⁽¹¹⁾ | | 149.0 ⁽⁵⁾ | 78.8* | 137.0 ⁽³⁾ | 69.6* | 120.0 ⁽⁴⁾ | 62.4* | 106.0 ⁽⁴⁾ | 55.3* | 89.7 ⁽³⁾ |
| 320 | B | | | | | 83.6 ⁽⁷⁾ | | 90.6 ⁽⁸⁾ | | 100.0 ⁽¹⁰⁾ | | 118.0 ⁽¹¹⁾ | | 126.0 ⁽¹¹⁾ | | 118.0 ⁽⁷⁾ | 64.5* | 112.0 ⁽⁶⁾ | 58.9* | 101.0 ⁽⁵⁾ | 53.2* | 87.2 ⁽⁴⁾ |
| | BV | | | | | 121.0 ⁽⁸⁾ | | 121.0 ⁽⁸⁾ | | 130.0 ⁽¹⁰⁾ | | 148.0 ⁽¹¹⁾ | | 143.0 ⁽⁶⁾ | 66.9* | 154.0 ⁽⁴⁾ | 66.9* | 119.0 ⁽⁴⁾ | 55.0* | 105.0 ⁽⁴⁾ | 53.0* | 89.4 ⁽⁴⁾ |
| 330 | B | | | | | | | 80.6 ⁽⁷⁾ | | 90.0 ⁽⁹⁾ | | 107.0 ⁽¹¹⁾ | | 118.0 ⁽¹¹⁾ | | 112.0 ⁽⁷⁾ | 62.5* | 108.0 ⁽⁶⁾ | 55.4* | 97.5 ⁽⁶⁾ | 49.5* | 86.1 ⁽⁵⁾ |
| | BV | | | | | | | 110.0 ⁽⁷⁾ | | 119.0 ⁽⁹⁾ | | 136.0 ⁽¹¹⁾ | | 137.0 ⁽⁷⁾ | | 126.0 ⁽⁵⁾ | 64.9* | 117.0 ⁽⁴⁾ | 57.1* | 105.0 ⁽⁴⁾ | 50.6* | 89.1 ⁽⁴⁾ |
| 340 | B | | | | | | | 72.1 ⁽⁷⁾ | | 80.6 ⁽⁹⁾ | | 95.7 ⁽¹⁰⁾ | | 109.0 ⁽¹¹⁾ | | 107.0 ⁽⁸⁾ | | 104.0 ⁽⁷⁾ | 52.2* | 97.6 ⁽⁶⁾ | 46.3* | 84.8 ⁽⁵⁾ |
| | BV | | | | | | | 100.0 ⁽⁷⁾ | | 109.0 ⁽⁹⁾ | | 124.0 ⁽¹⁰⁾ | | 132.0 ⁽⁹⁾ | | 142.0 ⁽³⁾ | | 114.0 ⁽⁴⁾ | 54.5* | 104.0 ⁽⁴⁾ | 47.8* | 88.4 ⁽⁵⁾ |
| 350 | B | | | | | | | | | 71.3 ⁽⁸⁾ | | 86.5 ⁽¹⁰⁾ | | 99.7 ⁽¹¹⁾ | | 102.0 ⁽¹⁰⁾ | | 98.4 ⁽⁸⁾ | | 93.2 ⁽⁷⁾ | 43.3* | 83.6 ⁽⁶⁾ |
| | BV | | | | | | | | | 98.5 ⁽⁸⁾ | | 114.0 ⁽¹⁰⁾ | | 127.0 ⁽¹¹⁾ | | 117.0 ⁽⁴⁾ | | 110.0 ⁽⁵⁾ | | 103.0 ⁽⁴⁾ | 44.9* | 87.7 ⁽⁵⁾ |
| 360 | B | | | | | | | | | 63.0 ⁽⁸⁾ | | 77.3 ⁽¹⁰⁾ | | 90.7 ⁽¹¹⁾ | | 98.5 ⁽¹¹⁾ | | 93.6 ⁽⁹⁾ | | 90.7 ⁽⁹⁾ | 41.1* | 81.7 ⁽⁶⁾ |
| | BV | | | | | | | | | 89.6 ⁽⁸⁾ | | 104.0 ⁽¹⁰⁾ | | 117.0 ⁽¹¹⁾ | | 112.0 ⁽⁷⁾ | | 105.0 ⁽⁶⁾ | | 98.8 ⁽⁵⁾ | 43.0* | 87.1 ⁽⁵⁾ |
| 370 | B | | | | | | | | | 54.7 ⁽⁷⁾ | | 68.3 ⁽⁹⁾ | | 81.6 ⁽¹¹⁾ | | 91.1 ⁽¹¹⁾ | | 89.8 ⁽¹⁰⁾ | | 87.1 ⁽⁸⁾ | | 80.6 ⁽⁷⁾ |
| | BV | | | | | | | | | 80.5 ⁽⁷⁾ | | 94.2 ⁽⁹⁾ | | 107.0 ⁽¹¹⁾ | | 107.0 ⁽⁸⁾ | | 100.0 ⁽⁶⁾ | | 96.0 ⁽⁵⁾ | | 86.5 ⁽⁵⁾ |
| 380 | B | | | | | | | | | 47.7 ⁽⁷⁾ | | 60.2 ⁽⁹⁾ | | 72.1 ⁽¹⁰⁾ | | 83.6 ⁽¹¹⁾ | | 85.9 ⁽¹¹⁾ | | 82.7 ⁽⁹⁾ | | 76.5 ⁽⁷⁾ |
| | BV | | | | | | | | | 72.2 ⁽⁷⁾ | | 85.5 ⁽⁹⁾ | | 97.0 ⁽¹⁰⁾ | | 103.0 ⁽⁹⁾ | | 96.7 ⁽⁷⁾ | | 91.8 ⁽⁴⁾ | | 85.9 ⁽⁵⁾ |
| 390 | B | | | | | | | | | | | 52.2 ⁽⁸⁾ | | 64.0 ⁽¹⁰⁾ | | 76.2 ⁽¹¹⁾ | | 78.9 ⁽¹¹⁾ | | 79.0 ⁽¹⁰⁾ | | 74.0 ⁽⁸⁾ |
| | BV | | | | | | | | | | | 76.7 ⁽⁸⁾ | | 88.6 ⁽¹⁰⁾ | | 99.4 ⁽¹¹⁾ | | 92.9 ⁽⁸⁾ | | 87.1 ⁽⁷⁾ | | 81.8 ⁽⁵⁾ |
| 400 | B | | | | | | | | | | | 45.6 ⁽⁸⁾ | | 56.0 ⁽¹⁰⁾ | | 68.2 ⁽¹¹⁾ | | 72.1 ⁽¹¹⁾ | | 75.1 ⁽¹¹⁾ | | 71.4 ⁽⁹⁾ |
| | BV | | | | | | | | | | | 69.0 ⁽⁸⁾ | | 80.1 ⁽¹⁰⁾ | | 83.7 ⁽¹¹⁾ | | 88.9 ⁽⁹⁾ | | 83.7 ⁽⁷⁾ | | 78.9 ⁽⁶⁾ |
| 410 | B | | | | | | | | | | | 39.0 ⁽⁷⁾ | | 48.8 ⁽⁹⁾ | | 60.3 ⁽¹¹⁾ | | 65.1 ⁽¹¹⁾ | | 68.6 ⁽¹¹⁾ | | 68.1 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | 60.7 ⁽⁷⁾ | | 71.7 ⁽⁹⁾ | | 83.4 ⁽¹¹⁾ | | 85.8 ⁽¹¹⁾ | | 80.4 ⁽⁸⁾ | | 74.9 ⁽⁷⁾ |
| 420 | B | | | | | | | | | | | 33.9 ⁽⁷⁾ | | 42.4 ⁽⁹⁾ | | 52.1 ⁽¹⁰⁾ | | 57.8 ⁽¹¹⁾ | | 62.2 ⁽¹¹⁾ | | 64.3 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | 52.7 ⁽⁷⁾ | | 64.1 ⁽⁹⁾ | | 74.7 ⁽¹⁰⁾ | | 78.9 ⁽¹¹⁾ | | 77.2 ⁽¹⁰⁾ | | 71.3 ⁽⁸⁾ |
| 430 | B | | | | | | | | | | | | | 36.3 ⁽⁸⁾ | | 45.9 ⁽¹⁰⁾ | | 50.5 ⁽¹¹⁾ | | 55.8 ⁽¹¹⁾ | | 58.3 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | | | 56.2 ⁽⁸⁾ | | 67.3 ⁽¹⁰⁾ | | 72.0 ⁽¹¹⁾ | | 74.5 ⁽¹¹⁾ | | 68.3 ⁽⁸⁾ |
| 440 | B | | | | | | | | | | | | | 31.3 ⁽⁸⁾ | | 39.7 ⁽¹⁰⁾ | | 43.1 ⁽¹⁰⁾ | | 49.5 ⁽¹¹⁾ | | 52.3 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | | | 49.2 ⁽⁸⁾ | | 59.8 ⁽¹⁰⁾ | | 64.2 ⁽¹⁰⁾ | | 68.4 ⁽¹¹⁾ | | 65.8 ⁽¹⁰⁾ |
| 450 | B | | | | | | | | | | | | | 26.0 ⁽⁷⁾ | | 33.9 ⁽⁹⁾ | | 37.8 ⁽¹⁰⁾ | | 43.2 ⁽¹¹⁾ | | 46.5 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | | | 41.9 ⁽⁷⁾ | | 52.4 ⁽⁹⁾ | | 57.3 ⁽¹⁰⁾ | | 62.4 ⁽¹¹⁾ | | 63.3 ⁽¹¹⁾ |
| 460 | B | | | | | | | | | | | | | 21.5 ⁽⁷⁾ | | 29.0 ⁽⁹⁾ | | 32.6 ⁽¹⁰⁾ | | 36.6 ⁽¹⁰⁾ | | 41.1 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | | | 35.9 ⁽⁷⁾ | | 46.0 ⁽⁹⁾ | | 50.3 ⁽¹⁰⁾ | | 55.2 ⁽¹⁰⁾ | | 58.0 ⁽¹¹⁾ |
| 470 | B | | | | | | | | | | | | | | | 23.7 ⁽⁸⁾ | | 27.2 ⁽⁹⁾ | | 31.7 ⁽¹⁰⁾ | | 35.7 ⁽¹¹⁾ |
| | BV | | | | | | | | | | | | | | | 39.3 ⁽⁸⁾ | | 44.1 ⁽⁹⁾ | | 48.9 ⁽¹⁰⁾ | | 52.8 ⁽¹¹⁾ |
| 480 | B | | | | | | | | | | | | | | | 19.3 ⁽⁸⁾ | | 22.6 ⁽⁹⁾ | | 26.9 ⁽¹⁰⁾ | | 29.9 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | | 33.8 ⁽⁸⁾ | | 38.7 ⁽⁹⁾ | | 42.7 ⁽¹⁰⁾ | | 46.5 ⁽¹⁰⁾ |
| 490 | B | | | | | | | | | | | | | | | | | 17.4 ⁽⁸⁾ | | 21.8 ⁽⁹⁾ | | 25.3 ⁽¹⁰⁾ |
| | BV | | | | | | | | | | | | | | | 27.6 ⁽⁷⁾ | | 32.4 ⁽⁸⁾ | | 37.2 ⁽⁹⁾ | | 41.3 ⁽¹⁰⁾ |
| | | | | | | | | | | | | | | | | | | | | | | |

HSDWB / HSDWBV

HS 335 ft



| | | | | | | |
|-----------|----------|---------------|------------|------------|------|--|
| 335 ft HS | 128 ft D | 59 - 335 ft W | 154,300 lb | 463,000 lb | B BV | 661,400 - 881,850 lb 330,700 - 659,200 lb 110,000 - 328,500 lb |
|-----------|----------|---------------|------------|------------|------|--|

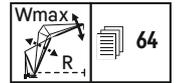
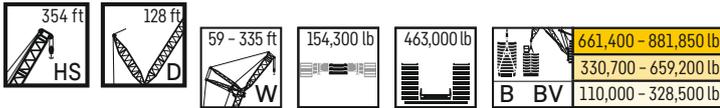


| | | |
|------|----|----|
| Wmax | R1 | 64 |
|------|----|----|

| | | HS 335 ft | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|-----------|----------------------|---------|----------------------|---------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|---------------------|--------|------|--|
| ft | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | | | | |
| | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | |
| 45 | B | 486.0 | 487.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | |
| | BV | 487.0 | 487.0 | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | B | 472.0 | 484.0 ⁽¹⁾ | 429.0 | 429.0 | | | | | | | | | | | | | | | | | | | | | |
| | BV | 471.0 | 483.0 ⁽¹⁾ | 428.0 | 428.0 | | | | | | | | | | | | | | | | | | | | | |
| 55 | B | 458.0 | 485.0 ⁽¹⁾ | 418.0 | 428.0 ⁽¹⁾ | 384.0 | 384.0 | | | | | | | | | | | | | | | | | | | |
| | BV | 455.0 | 479.0 ⁽¹⁾ | 415.0 | 425.0 ⁽¹⁾ | 383.0 | 383.0 | | | | | | | | | | | | | | | | | | | |
| 60 | B | 483.0* | 485.0 ⁽¹⁾ | 407.0 | 430.0 ⁽¹⁾ | 375.0 | 382.0 ⁽¹⁾ | 343.0 | 343.0 | | | | | | | | | | | | | | | | | |
| | BV | 472.0* | 475.0 ⁽¹⁾ | 402.0 | 422.0 ⁽¹⁾ | 374.0 | 381.0 ⁽¹⁾ | 342.0 | 342.0 | | | | | | | | | | | | | | | | | |
| 65 | B | 471.0* | 484.0 ⁽¹⁾ | 429.0* | 430.0 ⁽¹⁾ | 365.0 | 383.0 ⁽¹⁾ | 335.0 | 342.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | |
| | BV | 458.0* | 471.0 ⁽¹⁾ | 418.0* | 419.0 ⁽¹⁾ | 363.0 | 378.0 ⁽¹⁾ | 334.0 | 340.0 ⁽¹⁾ | | | | | | | | | | | | | | | | | |
| 70 | B | 458.0* | 482.0 ⁽¹⁾ | 420.0* | 429.0 ⁽¹⁾ | 384.0* | 384.0 | 328.0 | 342.0 ⁽¹⁾ | 273.0 | 273.0 | | | | | | | | | | | | | | | |
| | BV | 443.0* | 467.0 ⁽¹⁾ | 406.0* | 415.0 ⁽¹⁾ | 376.0* | 376.0 | 326.0 | 338.0 ⁽¹⁾ | 272.0 | 272.0 | | | | | | | | | | | | | | | |
| 75 | B | 445.0* | 481.0 ⁽¹⁾ | 410.0* | 427.0 ⁽¹⁾ | 377.0* | 383.0 ⁽¹⁾ | 344.0* | 344.0 | 266.0 | 272.0 ⁽¹⁾ | | | | | | | | | | | | | | | |
| | BV | 428.0* | 463.0 ⁽¹⁾ | 394.0* | 411.0 ⁽¹⁾ | 368.0* | 373.0 ⁽¹⁾ | 337.0* | 337.0 | 265.0 | 269.0 ⁽¹⁾ | | | | | | | | | | | | | | | |
| 80 | B | 431.0* | 479.0 ⁽¹⁾ | 399.0* | 426.0 ⁽¹⁾ | 368.0* | 382.0 ⁽¹⁾ | 337.0* | 342.0 ⁽¹⁾ | 260.0 | 271.0 ⁽¹⁾ | 219.0 | 219.0 | | | | | | | | | | | | | |
| | BV | 412.0* | 459.0 ⁽¹⁾ | 382.0* | 408.0 ⁽¹⁾ | 358.0* | 370.0 ⁽¹⁾ | 329.0* | 333.0 ⁽¹⁾ | 258.0 | 267.0 ⁽¹⁾ | 218.0 | 218.0 | | | | | | | | | | | | | |
| 85 | B | 418.0* | 478.0 ⁽¹⁾ | 387.0* | 424.0 ⁽¹⁾ | 359.0* | 381.0 ⁽¹⁾ | 330.0* | 342.0 ⁽¹⁾ | 273.0* | 273.0 | 215.0 | 218.0 ⁽¹⁾ | | | | | | | | | | | | | |
| | BV | 398.0* | 455.0 ⁽¹⁾ | 369.0* | 404.0 ⁽¹⁾ | 347.0* | 367.0 ⁽¹⁾ | 320.0* | 331.0 ⁽¹⁾ | 267.0* | 267.0 | 214.0 | 216.0 ⁽¹⁾ | | | | | | | | | | | | | |
| 90 | B | 404.0* | 477.0 ⁽¹⁾ | 375.0* | 423.0 ⁽¹⁾ | 350.0* | 380.0 ⁽¹⁾ | 323.0* | 341.0 ⁽¹⁾ | 267.0* | 271.0 ⁽¹⁾ | 211.0 | 218.0 ⁽¹⁾ | 173.0 | 173.0 | | | | | | | | | | | |
| | BV | 382.0* | 451.0 ⁽¹⁾ | 355.0* | 400.0 ⁽¹⁾ | 337.0* | 363.0 ⁽¹⁾ | 312.0* | 328.0 ⁽¹⁾ | 261.0* | 263.0 ⁽¹⁾ | 209.0 | 215.0 ⁽¹⁾ | 173.0 | 173.0 | | | | | | | | | | | |
| 95 | B | 393.0* | 474.0 ⁽¹⁾ | 362.0* | 421.0 ⁽¹⁾ | 340.0* | 379.0 ⁽¹⁾ | 315.0* | 341.0 ⁽¹⁾ | 262.0* | 271.0 ⁽¹⁾ | 220.0* | 220.0* | 171.0 | 173.0 ⁽¹⁾ | | | | | | | | | | | |
| | BV | 378.0* | 450.0 ⁽¹⁾ | 342.0* | 396.0 ⁽¹⁾ | 328.0* | 360.0 ⁽¹⁾ | 303.0* | 325.0 ⁽¹⁾ | 254.0* | 261.0 ⁽¹⁾ | 215.0* | 215.0* | 170.0 | 172.0 ⁽¹⁾ | | | | | | | | | | | |
| 100 | B | | 469.0 ⁽¹⁾ | 349.0* | 420.0 ⁽¹⁾ | 329.0* | 378.0 ⁽¹⁾ | 307.0* | 340.0 ⁽¹⁾ | 257.0* | 270.0 ⁽¹⁾ | 217.0* | 218.0 ⁽¹⁾ | 168.0 | 173.0 ⁽¹⁾ | 135.0 | 135.0 | 119.0 | 119.0 | | | | | | | |
| | BV | | 454.0 ⁽¹⁾ | 329.0* | 393.0 ⁽¹⁾ | 315.0* | 357.0 ⁽¹⁾ | 294.0* | 323.0 ⁽¹⁾ | 248.0* | 259.0 ⁽¹⁾ | 211.0* | 212.0 ⁽¹⁾ | 166.0 | 170.0 ⁽¹⁾ | 135.0 | 135.0 | | | | | | | | | |
| 105 | B | | 465.0 ⁽¹⁾ | 339.0* | 417.0 ⁽¹⁾ | 320.0* | 377.0 ⁽¹⁾ | 300.0* | 340.0 ⁽¹⁾ | 252.0* | 270.0 ⁽¹⁾ | 214.0* | 218.0 ⁽¹⁾ | 165.0 | 173.0 ⁽¹⁾ | 133.0 | 135.0 ⁽¹⁾ | 118.0 | 118.0 | 104.0 | 104.0 | | | | | |
| | BV | | 458.0 ⁽¹⁾ | 318.0* | 396.0 ⁽¹⁾ | 305.0* | 353.0 ⁽¹⁾ | 285.0* | 320.0 ⁽¹⁾ | 242.0* | 257.0 ⁽¹⁾ | 207.0* | 210.0 ⁽¹⁾ | 163.0 | 169.0 ⁽¹⁾ | 133.0 | 134.0 ⁽¹⁾ | 117.0 | 117.0 | 103.0 | 103.0 | | | | | |
| 110 | B | | 461.0 ⁽¹⁾ | 329.0* | 414.0 ⁽¹⁾ | 310.0* | 375.0 ⁽¹⁾ | 293.0* | 339.0 ⁽¹⁾ | 248.0* | 270.0 ⁽¹⁾ | 210.0* | 218.0 ⁽¹⁾ | 173.0* | 173.0 | 131.0 | 135.0 ⁽¹⁾ | 116.0 | 118.0 ⁽¹⁾ | 103.0 | 103.0 | 88.9 | 88.9 | | | |
| | BV | | 462.0 ⁽¹⁾ | 312.0* | 400.0 ⁽¹⁾ | 296.0* | 353.0 ⁽¹⁾ | 278.0* | 317.0 ⁽¹⁾ | 237.0* | 256.0 ⁽¹⁾ | 203.0* | 209.0 ⁽¹⁾ | 168.0* | 168.0 | 131.0 | 133.0 ⁽¹⁾ | 116.0 | 116.0 | 102.0 | 102.0 | 88.1 | 88.1 | | | |
| 115 | B | | 456.0 ⁽¹⁾ | 324.0* | 411.0 ⁽¹⁾ | 301.0* | 372.0 ⁽¹⁾ | 285.0* | 338.0 ⁽¹⁾ | 243.0* | 270.0 ⁽¹⁾ | 207.0* | 218.0 ⁽¹⁾ | 172.0* | 173.0 ⁽¹⁾ | 130.0 | 136.0 ⁽¹⁾ | 115.0 | 118.0 ⁽¹⁾ | 102.0 | 103.0 ⁽¹⁾ | 88.2 | 88.2 | | | |
| | BV | | 466.0 ⁽¹⁾ | 308.0* | 403.0 ⁽¹⁾ | 288.0* | 356.0 ⁽¹⁾ | 276.0* | 315.0 ⁽¹⁾ | 231.0* | 254.0 ⁽¹⁾ | 199.0* | 208.0 ⁽¹⁾ | 166.0* | 167.0 ⁽¹⁾ | 129.0 | 133.0 ⁽¹⁾ | 114.0 | 116.0 ⁽¹⁾ | 101.0 | 101.0 | 87.2 | 87.2 | | | |
| 120 | B | | 452.0 ⁽¹⁾ | | 408.0 ⁽¹⁾ | 292.0* | 369.0 ⁽¹⁾ | 276.0* | 336.0 ⁽¹⁾ | 238.0* | 269.0 ⁽¹⁾ | 204.0* | 218.0 ⁽¹⁾ | 170.0* | 173.0 ⁽¹⁾ | 136.0* | 136.0 | 114.0 | 118.0 ⁽¹⁾ | 101.0 | 103.0 ⁽¹⁾ | 87.3 | 88.1 ⁽¹⁾ | | | |
| | BV | | 469.0 ⁽¹⁾ | | 406.0 ⁽¹⁾ | 280.0* | 359.0 ⁽¹⁾ | 263.0* | 317.0 ⁽¹⁾ | 226.0* | 252.0 ⁽¹⁾ | 195.0* | 207.0 ⁽¹⁾ | 164.0* | 167.0 ⁽¹⁾ | 129.0* | 132.0 ⁽¹⁾ | 112.0 | 116.0 ⁽¹⁾ | 99.5 | 101.0 ⁽¹⁾ | 86.3 | 86.9 ⁽¹⁾ | | | |
| 125 | B | | 448.0 ⁽¹⁾ | | 405.0 ⁽¹⁾ | 285.0* | 366.0 ⁽¹⁾ | 269.0* | 334.0 ⁽¹⁾ | 234.0* | 269.0 ⁽¹⁾ | 201.0* | 218.0 ⁽¹⁾ | 168.0* | 173.0 ⁽¹⁾ | 135.0* | 136.0 ⁽¹⁾ | 119.0* | 119.0 | 99.4 | 103.0 ⁽¹⁾ | 86.4 | 88.3 ⁽¹⁾ | | | |
| | BV | | 473.0 ⁽¹⁾ | | 409.0 ⁽¹⁾ | 273.0* | 362.0 ⁽¹⁾ | 263.0* | 319.0 ⁽¹⁾ | 220.0* | 250.0 ⁽¹⁾ | 191.0* | 206.0 ⁽¹⁾ | 161.0* | 166.0 ⁽¹⁾ | 131.0* | 132.0 ⁽¹⁾ | 112.0* | 116.0 ⁽¹⁾ | 98.2 | 101.0 ⁽¹⁾ | 85.4 | 86.7 ⁽¹⁾ | | | |
| 130 | B | | 435.0 ⁽¹⁾ | | 402.0 ⁽¹⁾ | 276.0* | 363.0 ⁽¹⁾ | 261.0* | 331.0 ⁽¹⁾ | 229.0* | 269.0 ⁽¹⁾ | 198.0* | 218.0 ⁽¹⁾ | 165.0* | 173.0 ⁽¹⁾ | 134.0* | 136.0 ⁽¹⁾ | 118.0* | 119.0 ⁽¹⁾ | 104.0* | 104.0 | 85.5 | 88.4 ⁽¹⁾ | | | |
| | BV | | 468.0 ⁽¹⁾ | | 413.0 ⁽¹⁾ | 272.0* | 364.0 ⁽¹⁾ | 249.0* | 321.0 ⁽¹⁾ | 215.0* | 249.0 ⁽¹⁾ | 188.0* | 205.0 ⁽¹⁾ | 158.0* | 165.0 ⁽¹⁾ | 129.0* | 131.0 ⁽¹⁾ | 115.0* | 115.0 | 96.8 | 101.0 ⁽¹⁾ | 84.4 | 86.6 ⁽¹⁾ | | | |
| 135 | B | | 420.0 ⁽¹⁾ | | 398.0 ⁽¹⁾ | 274.0* | 360.0 ⁽¹⁾ | 254.0* | 329.0 ⁽¹⁾ | 223.0* | 267.0 ⁽¹⁾ | 195.0* | 218.0 ⁽¹⁾ | 163.0* | 174.0 ⁽¹⁾ | 133.0* | 136.0 ⁽¹⁾ | 117.0* | 118.0 ⁽¹⁾ | 103.0* | 104.0 ⁽¹⁾ | 89.1* | 89.1 | | | |
| | BV | | 456.0 ⁽¹⁾ | | 415.0 ⁽¹⁾ | 268.0* | 357.0 ⁽¹⁾ | 243.0* | 323.0 ⁽¹⁾ | 209.0* | 250.0 ⁽¹⁾ | 184.0* | 204.0 ⁽¹⁾ | 156.0* | 164.0 ⁽¹⁾ | 128.0* | 130.0 ⁽¹⁾ | 113.0* | 113.0 | 100.0* | 100.0 ⁽¹⁾ | 83.3* | 86.4 ⁽¹⁾ | | | |
| 140 | B | | 405.0 ⁽¹⁾ | | 394.0 ⁽¹⁾ | | 357.0 ⁽¹⁾ | 248.0* | 327.0 ⁽¹⁾ | 217.0* | 265.0 ⁽¹⁾ | 192.0* | 218.0 ⁽¹⁾ | 161.0* | 174.0 ⁽¹⁾ | 131.0* | 136.0 ⁽¹⁾ | 116.0* | 118.0 ⁽¹⁾ | 103.0* | 103.0 | 88.6* | 88.7 ⁽¹⁾ | | | |
| | BV | | 444.0 ⁽¹⁾ | | 410.0 ⁽¹⁾ | | 370.0 ⁽¹⁾ | 237.0* | 325.0 ⁽¹⁾ | 204.0* | 251.0 ⁽¹⁾ | 180.0* | 203.0 ⁽¹⁾ | 153.0* | 164.0 ⁽¹⁾ | 126.0* | 130.0 ⁽¹⁾ | 112.0* | 114.0 ⁽¹⁾ | 99.2* | 100.0 ⁽¹⁾ | 86.1* | 86.2 ⁽¹⁾ | | | |
| 145 | B | | 391.0 ⁽¹⁾ | | 383.0 ⁽¹⁾ | | 354.0 ⁽¹⁾ | 242.0* | 325.0 ⁽¹⁾ | 212.0* | 264.0 ⁽¹⁾ | 188.0* | 218.0 ⁽¹⁾ | 159.0* | 174.0 ⁽¹⁾ | 130.0* | 136.0 ⁽¹⁾ | 115.0* | 118.0 ⁽¹⁾ | 102.0* | 103.0 ⁽¹⁾ | 88.2* | 88.4 ⁽¹⁾ | | | |
| | BV | | 432.0 ⁽¹⁾ | | 404.0 ⁽¹⁾ | | 370.0 ⁽¹⁾ | 234.0* | 327.0 ⁽¹⁾ | 199.0* | 253.0 ⁽¹⁾ | 176.0* | 202.0 ⁽¹⁾ | 150.0* | 163.0 ⁽¹⁾ | 124.0* | 129.0 ⁽¹⁾ | 110.0* | 113.0 ⁽¹⁾ | 98.0* | 99.4 ⁽¹⁾ | 85.3* | 85.7 ⁽¹⁾ | | | |
| 150 | B | | 378.0 ⁽¹⁾ | | 372.0 ⁽¹⁾ | | 351.0 ⁽¹⁾ | 236.0* | 322.0 ⁽¹⁾ | 206.0* | 262.0 ⁽¹⁾ | 185.0* | 217.0 ⁽¹⁾ | 156.0* | 174.0 ⁽¹⁾ | 128.0* | 136.0 ⁽¹⁾ | 114.0* | 118.0 ⁽¹⁾ | 101.0* | 103.0 ⁽¹⁾ | 87.6* | 88.1 ⁽¹⁾ | | | |
| | BV | | 420.0 ⁽¹⁾ | | 397.0 ⁽¹⁾ | | 367.0 ⁽¹⁾ | 232.0* | 329.0 ⁽¹⁾ | 194.0* | 254.0 ⁽¹⁾ | 172.0* | 202.0 ⁽¹⁾ | 147.0* | 162.0 ⁽¹⁾ | 122.0* | 128.0 ⁽¹⁾ | 109.0* | 113.0 ⁽¹⁾ | 96.7* | 98.9 ⁽¹⁾ | 84.4* | 85.3 ⁽¹⁾ | | | |
| 155 | B | | 365.0 ⁽¹⁾ | | 360.0 ⁽¹⁾ | | 344.0 ⁽¹⁾ | | 317.0 ⁽¹⁾ | 201.0* | 260.0 ⁽¹⁾ | 180.0* | 215.0 ⁽¹⁾ | 154.0* | 174.0 ⁽¹⁾ | 127.0* | 136.0 ⁽¹⁾ | 113.0* | 118.0 ⁽¹⁾ | 100.0* | 103.0 ⁽¹⁾ | 86.8* | 87.8 ⁽¹⁾ | | | |
| | BV | | 408.0 ⁽¹⁾ | | 389.0 ⁽¹⁾ | | 362.0 ⁽¹⁾ | | 329.0 ⁽¹⁾ | 190.0* | 255.0 ⁽¹⁾ | 168.0* | 203.0 ⁽¹⁾ | 145.0* | 161.0 ⁽¹⁾ | 120.0* | 125.0 ⁽¹⁾ | 107.0* | 112.0 ⁽¹⁾ | 95.4* | 98.4 ⁽¹⁾ | 83.3* | 83.8 ⁽¹⁾ | | | |
| 160 | B | | 351.0 ⁽¹⁾ | | 350.0 ⁽¹⁾ | | 337.0 ⁽¹⁾ | | 315.0 ⁽¹⁾ | 196.0* | 259.0 ⁽¹⁾ | 176.0* | 214.0 ⁽¹⁾ | 152.0* | 173.0 ⁽¹⁾ | 125.0* | 136.0 ⁽¹⁾ | 111.0* | 118.0 ⁽ | | | | | | | |

HSDWB / HSDWBV

HS 354 ft

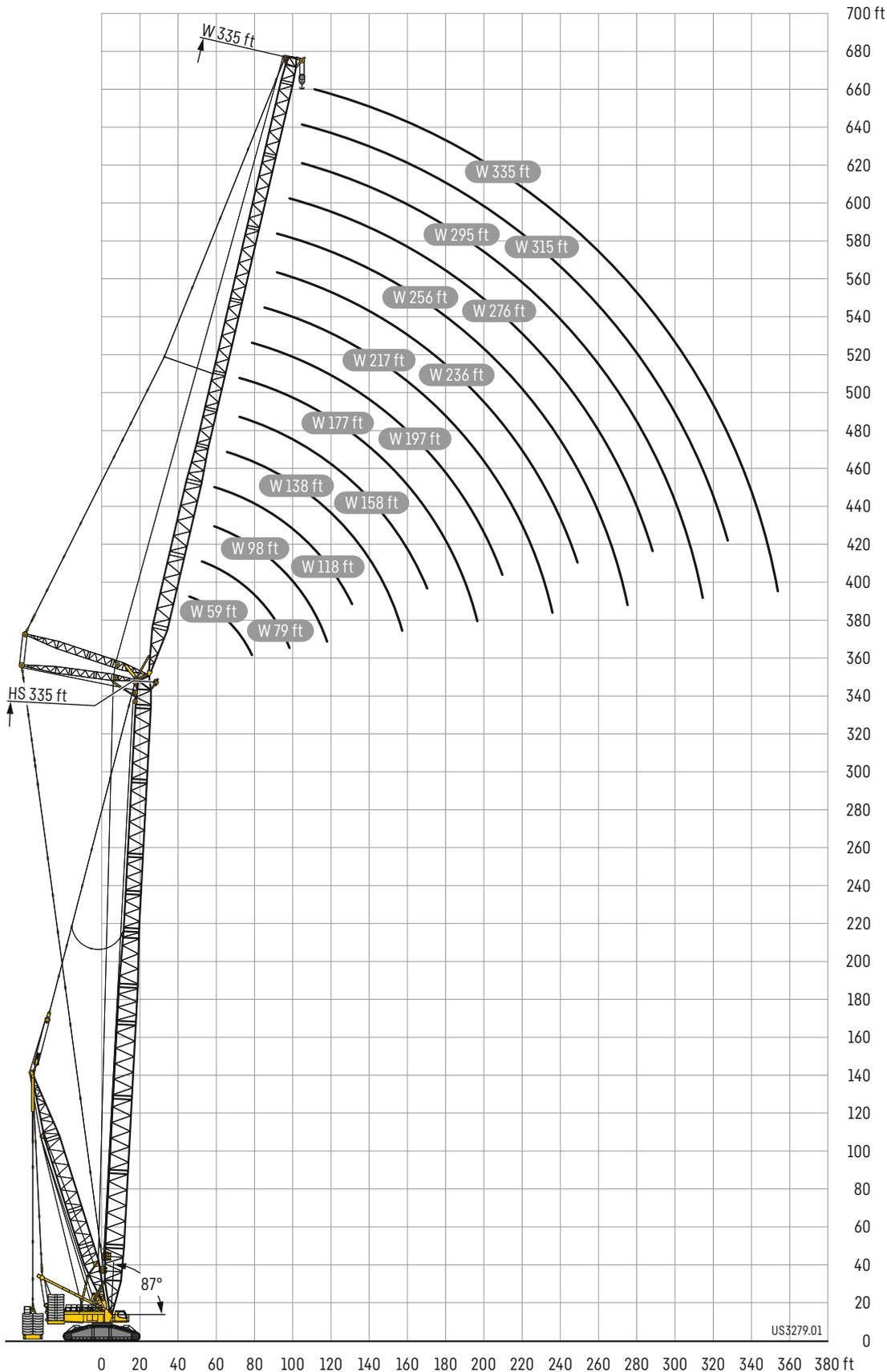


| | | HS 354 ft | | | | | | | | | | | | | | | | | | | | | |
|-----|----|-----------|----------------------|---------|----------------------|---------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|----------------------|----------|---------------------|----------|---------------------|----------|---------------------|
| | | W 59 ft | | W 79 ft | | W 98 ft | | W 118 ft | | W 158 ft | | W 197 ft | | W 236 ft | | W 276 ft | | W 295 ft | | W 315 ft | | W 335 ft | |
| ft | | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax | 87/85* | Wmax |
| 45 | B | 432.0 | 432.0 | | | | | | | | | | | | | | | | | | | | |
| | BV | 429.0 | 429.0 | | | | | | | | | | | | | | | | | | | | |
| 50 | B | 421.0 | 429.0 ⁽¹⁾ | 380.0 | 380.0 | | | | | | | | | | | | | | | | | | |
| | BV | 416.0 | 423.0 ⁽¹⁾ | 377.0 | 377.0 | | | | | | | | | | | | | | | | | | |
| 55 | B | 410.0 | 430.0 ⁽¹⁾ | 373.0 | 380.0 ⁽¹⁾ | 340.0 | 340.0 | | | | | | | | | | | | | | | | |
| | BV | 403.0 | 418.0 ⁽¹⁾ | 366.0 | 372.0 ⁽¹⁾ | 338.0 | 338.0 | | | | | | | | | | | | | | | | |
| 60 | B | 432.0* | 432.0 | 363.0 | 380.0 ⁽¹⁾ | 334.0 | 339.0 ⁽¹⁾ | 304.0 | 304.0 | | | | | | | | | | | | | | |
| | BV | 415.0* | 415.0 | 355.0 | 368.0 ⁽¹⁾ | 330.0 | 334.0 ⁽¹⁾ | 301.0 | 301.0 | | | | | | | | | | | | | | |
| 65 | B | 422.0* | 430.0 ⁽¹⁾ | 383.0* | 383.0 | 327.0 | 340.0 ⁽¹⁾ | 299.0 | 302.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| | BV | 402.0* | 409.0 ⁽¹⁾ | 366.0* | 366.0 | 321.0 | 331.0 ⁽¹⁾ | 294.0 | 297.0 ⁽¹⁾ | | | | | | | | | | | | | | |
| 70 | B | 411.0* | 428.0 ⁽¹⁾ | 375.0* | 380.0 ⁽¹⁾ | 343.0* | 343.0 | 293.0 | 303.0 ⁽¹⁾ | 242.0 | 242.0 | | | | | | | | | | | | |
| | BV | 389.0* | 403.0 ⁽¹⁾ | 356.0* | 360.0 ⁽¹⁾ | 330.0* | 330.0 | 287.0 | 294.0 ⁽¹⁾ | 239.0 | 239.0 | | | | | | | | | | | | |
| 75 | B | 401.0* | 427.0 ⁽¹⁾ | 366.0* | 379.0 ⁽¹⁾ | 337.0* | 340.0 ⁽¹⁾ | 305.0* | 305.0 | 237.0 | 240.0 ⁽¹⁾ | | | | | | | | | | | | |
| | BV | 377.0* | 398.0 ⁽¹⁾ | 345.0* | 355.0 ⁽¹⁾ | 322.0* | 325.0 ⁽¹⁾ | 279.0 | 292.0 ⁽¹⁾ | 233.0 | 235.0 ⁽¹⁾ | | | | | | | | | | | | |
| 80 | B | 389.0* | 425.0 ⁽¹⁾ | 356.0* | 377.0 ⁽¹⁾ | 328.0* | 339.0 ⁽¹⁾ | 300.0* | 302.0 ⁽¹⁾ | 232.0 | 240.0 ⁽¹⁾ | 192.0 | 192.0 | | | | | | | | | | |
| | BV | 364.0* | 392.0 ⁽¹⁾ | 334.0* | 351.0 ⁽¹⁾ | 313.0* | 321.0 ⁽¹⁾ | 287.0* | 289.0 ⁽¹⁾ | 227.0 | 232.0 ⁽¹⁾ | 190.0 | 190.0 | | | | | | | | | | |
| 85 | B | 378.0* | 424.0 ⁽¹⁾ | 346.0* | 376.0 ⁽¹⁾ | 320.0* | 338.0 ⁽¹⁾ | 293.0* | 301.0 ⁽¹⁾ | 227.0 | 240.0 ⁽¹⁾ | 189.0 | 191.0 ⁽¹⁾ | | | | | | | | | | |
| | BV | 350.0* | 387.0 ⁽¹⁾ | 320.0* | 346.0 ⁽¹⁾ | 304.0* | 317.0 ⁽¹⁾ | 279.0* | 285.0 ⁽¹⁾ | 221.0 | 230.0 ⁽¹⁾ | 186.0 | 187.0 ⁽¹⁾ | | | | | | | | | | |
| 90 | B | 368.0* | 422.0 ⁽¹⁾ | 336.0* | 374.0 ⁽¹⁾ | 313.0* | 337.0 ⁽¹⁾ | 286.0* | 301.0 ⁽¹⁾ | 238.0* | 239.0 ⁽¹⁾ | 186.0 | 191.0 ⁽¹⁾ | 151.0 | 151.0 | | | | | | | | |
| | BV | 337.0* | 382.0 ⁽¹⁾ | 311.0* | 341.0 ⁽¹⁾ | 294.0* | 313.0 ⁽¹⁾ | 271.0* | 282.0 ⁽¹⁾ | 227.0* | 227.0 | 181.0 | 185.0 ⁽¹⁾ | 149.0 | 149.0 | | | | | | | | |
| 95 | B | 356.0* | 421.0 ⁽¹⁾ | 327.0* | 373.0 ⁽¹⁾ | 305.0* | 335.0 ⁽¹⁾ | 280.0* | 300.0 ⁽¹⁾ | 234.0* | 239.0 ⁽¹⁾ | 182.0 | 191.0 ⁽¹⁾ | 149.0 | 150.0 ⁽¹⁾ | | | | | | | | |
| | BV | 332.0* | 376.0 ⁽¹⁾ | 300.0* | 336.0 ⁽¹⁾ | 286.0* | 309.0 ⁽¹⁾ | 263.0* | 279.0 ⁽¹⁾ | 221.0* | 225.0 ⁽¹⁾ | 177.0 | 183.0 ⁽¹⁾ | 147.0 | 148.0 ⁽¹⁾ | | | | | | | | |
| 100 | B | | 417.0 ⁽¹⁾ | 317.0* | 371.0 ⁽¹⁾ | 297.0* | 334.0 ⁽¹⁾ | 274.0* | 299.0 ⁽¹⁾ | 230.0* | 238.0 ⁽¹⁾ | 191.0* | 191.0 | 146.0 | 150.0 ⁽¹⁾ | 116.0 | 116.0 | | | | | | |
| | BV | | 378.0 ⁽¹⁾ | 289.0* | 331.0 ⁽¹⁾ | 277.0* | 305.0 ⁽¹⁾ | 256.0* | 276.0 ⁽¹⁾ | 216.0* | 223.0 ⁽¹⁾ | 182.0* | 182.0 | 144.0 | 146.0 ⁽¹⁾ | 115.0 | 115.0 | | | | | | |
| 105 | B | | 413.0 ⁽¹⁾ | 308.0* | 370.0 ⁽¹⁾ | 290.0* | 333.0 ⁽¹⁾ | 268.0* | 298.0 ⁽¹⁾ | 225.0* | 238.0 ⁽¹⁾ | 188.0* | 190.0 ⁽¹⁾ | 144.0 | 150.0 ⁽¹⁾ | 115.0 | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 381.0 ⁽¹⁾ | 280.0* | 329.0 ⁽¹⁾ | 262.0* | 301.0 ⁽¹⁾ | 249.0* | 272.0 ⁽¹⁾ | 211.0* | 221.0 ⁽¹⁾ | 178.0* | 180.0 ⁽¹⁾ | 140.0 | 145.0 ⁽¹⁾ | 113.0 | 114.0 ⁽¹⁾ | 99.5 | 99.5 | | | | |
| 110 | B | | 409.0 ⁽¹⁾ | 300.0* | 367.0 ⁽¹⁾ | 282.0* | 332.0 ⁽¹⁾ | 262.0* | 297.0 ⁽¹⁾ | 221.0* | 237.0 ⁽¹⁾ | 185.0* | 190.0 ⁽¹⁾ | 151.0* | 151.0 | 113.0 | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 384.0 ⁽¹⁾ | 272.0* | 332.0 ⁽¹⁾ | 262.0* | 297.0 ⁽¹⁾ | 242.0* | 269.0 ⁽¹⁾ | 206.0* | 219.0 ⁽¹⁾ | 174.0* | 178.0 ⁽¹⁾ | 144.0* | 144.0 | 111.0 | 113.0 ⁽¹⁾ | 98.1 | 98.7 ⁽¹⁾ | 86.0 | 86.0 | | |
| 115 | B | | 405.0 ⁽¹⁾ | 291.0* | 365.0 ⁽¹⁾ | 274.0* | 330.0 ⁽¹⁾ | 256.0* | 296.0 ⁽¹⁾ | 217.0* | 237.0 ⁽¹⁾ | 183.0* | 190.0 ⁽¹⁾ | 150.0* | 150.0 | 112.0 | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 387.0 ⁽¹⁾ | 272.0* | 335.0 ⁽¹⁾ | 255.0* | 298.0 ⁽¹⁾ | 237.0* | 266.0 ⁽¹⁾ | 201.0* | 217.0 ⁽¹⁾ | 171.0* | 177.0 ⁽¹⁾ | 142.0* | 143.0 ⁽¹⁾ | 109.0 | 113.0 ⁽¹⁾ | 96.7 | 98.4 ⁽¹⁾ | 85.0 | 85.3 ⁽¹⁾ | 72.9 | 72.9 |
| 120 | B | | 401.0 ⁽¹⁾ | | 363.0 ⁽¹⁾ | 267.0* | 328.0 ⁽¹⁾ | 250.0* | 295.0 ⁽¹⁾ | 213.0* | 236.0 ⁽¹⁾ | 180.0* | 189.0 ⁽¹⁾ | 148.0* | 150.0 ⁽¹⁾ | 117.0* | 117.0 | | | | | | |
| | BV | | 391.0 ⁽¹⁾ | | 337.0 ⁽¹⁾ | 248.0* | 300.0 ⁽¹⁾ | 230.0* | 265.0 ⁽¹⁾ | 196.0* | 214.0 ⁽¹⁾ | 168.0* | 176.0 ⁽¹⁾ | 140.0* | 142.0 ⁽¹⁾ | 113.0* | 113.0 | 95.3 | 98.1 ⁽¹⁾ | 83.9 | 84.9 ⁽¹⁾ | 72.0 | 72.4 ⁽¹⁾ |
| 125 | B | | 397.0 ⁽¹⁾ | | 361.0 ⁽¹⁾ | 259.0* | 326.0 ⁽¹⁾ | 243.0* | 293.0 ⁽¹⁾ | 209.0* | 236.0 ⁽¹⁾ | 177.0* | 189.0 ⁽¹⁾ | 146.0* | 150.0 ⁽¹⁾ | 116.0* | 117.0 ⁽¹⁾ | | | | | | |
| | BV | | 394.0 ⁽¹⁾ | | 340.0 ⁽¹⁾ | 250.0* | 302.0 ⁽¹⁾ | 225.0* | 266.0 ⁽¹⁾ | 192.0* | 212.0 ⁽¹⁾ | 164.0* | 174.0 ⁽¹⁾ | 137.0* | 141.0 ⁽¹⁾ | 111.0* | 111.0 | 93.8 | 97.8 ⁽¹⁾ | 82.7 | 84.6 ⁽¹⁾ | 71.1 | 72.1 ⁽¹⁾ |
| 130 | B | | 393.0 ⁽¹⁾ | | 358.0 ⁽¹⁾ | 252.0* | 324.0 ⁽¹⁾ | 237.0* | 292.0 ⁽¹⁾ | 205.0* | 235.0 ⁽¹⁾ | 174.0* | 189.0 ⁽¹⁾ | 144.0* | 150.0 ⁽¹⁾ | 115.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 397.0 ⁽¹⁾ | | 343.0 ⁽¹⁾ | 239.0* | 304.0 ⁽¹⁾ | 219.0* | 268.0 ⁽¹⁾ | 187.0* | 210.0 ⁽¹⁾ | 161.0* | 173.0 ⁽¹⁾ | 135.0* | 139.0 ⁽¹⁾ | 109.0* | 110.0 ⁽¹⁾ | 97.3* | 97.4 ⁽¹⁾ | 85.0* | 85.0 | 70.2 | 71.8 ⁽¹⁾ |
| 135 | B | | 387.0 ⁽¹⁾ | | 356.0 ⁽¹⁾ | 248.0* | 322.0 ⁽¹⁾ | 230.0* | 290.0 ⁽¹⁾ | 201.0* | 234.0 ⁽¹⁾ | 171.0* | 188.0 ⁽¹⁾ | 142.0* | 150.0 ⁽¹⁾ | 114.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 395.0 ⁽¹⁾ | | 345.0 ⁽¹⁾ | 237.0* | 306.0 ⁽¹⁾ | 213.0* | 269.0 ⁽¹⁾ | 183.0* | 209.0 ⁽¹⁾ | 157.0* | 171.0 ⁽¹⁾ | 132.0* | 138.0 ⁽¹⁾ | 108.0* | 110.0 ⁽¹⁾ | 95.4* | 96.6 ⁽¹⁾ | 83.9* | 83.9 | 72.3* | 72.3 |
| 140 | B | | 381.0 ⁽¹⁾ | | 354.0 ⁽¹⁾ | | 320.0 ⁽¹⁾ | 224.0* | 288.0 ⁽¹⁾ | 196.0* | 233.0 ⁽¹⁾ | 168.0* | 188.0 ⁽¹⁾ | 140.0* | 149.0 ⁽¹⁾ | 113.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 392.0 ⁽¹⁾ | | 348.0 ⁽¹⁾ | | 308.0 ⁽¹⁾ | 208.0* | 271.0 ⁽¹⁾ | 179.0* | 210.0 ⁽¹⁾ | 154.0* | 170.0 ⁽¹⁾ | 130.0* | 137.0 ⁽¹⁾ | 106.0* | 109.0 ⁽¹⁾ | 93.7* | 95.8 ⁽¹⁾ | 82.7* | 83.2 ⁽¹⁾ | 71.3* | 71.3 |
| 145 | B | | 376.0 ⁽¹⁾ | | 345.0 ⁽¹⁾ | | 317.0 ⁽¹⁾ | 219.0* | 286.0 ⁽¹⁾ | 191.0* | 232.0 ⁽¹⁾ | 165.0* | 188.0 ⁽¹⁾ | 138.0* | 149.0 ⁽¹⁾ | 112.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 389.0 ⁽¹⁾ | | 340.0 ⁽¹⁾ | | 310.0 ⁽¹⁾ | 204.0* | 272.0 ⁽¹⁾ | 174.0* | 211.0 ⁽¹⁾ | 151.0* | 168.0 ⁽¹⁾ | 127.0* | 136.0 ⁽¹⁾ | 104.0* | 108.0 ⁽¹⁾ | 92.3* | 95.1 ⁽¹⁾ | 81.6* | 82.6 ⁽¹⁾ | 70.4* | 70.7 ⁽¹⁾ |
| 150 | B | | 368.0 ⁽¹⁾ | | 338.0 ⁽¹⁾ | | 314.0 ⁽¹⁾ | 213.0* | 285.0 ⁽¹⁾ | 187.0* | 231.0 ⁽¹⁾ | 162.0* | 187.0 ⁽¹⁾ | 136.0* | 149.0 ⁽¹⁾ | 110.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 386.0 ⁽¹⁾ | | 347.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | 204.0* | 274.0 ⁽¹⁾ | 170.0* | 212.0 ⁽¹⁾ | 147.0* | 168.0 ⁽¹⁾ | 125.0* | 135.0 ⁽¹⁾ | 102.0* | 107.0 ⁽¹⁾ | 90.8* | 94.3 ⁽¹⁾ | 80.4* | 81.9 ⁽¹⁾ | 69.4* | 70.1 ⁽¹⁾ |
| 155 | B | | 357.0 ⁽¹⁾ | | 333.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | 211.0* | 283.0 ⁽¹⁾ | 182.0* | 229.0 ⁽¹⁾ | 159.0* | 186.0 ⁽¹⁾ | 134.0* | 149.0 ⁽¹⁾ | 109.0* | 116.0 ⁽¹⁾ | | | | | | |
| | BV | | 383.0 ⁽¹⁾ | | 347.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | 200.0* | 275.0 ⁽¹⁾ | 166.0* | 213.0 ⁽¹⁾ | 144.0* | 169.0 ⁽¹⁾ | 122.0* | 134.0 ⁽¹⁾ | 100.0* | 106.0 ⁽¹⁾ | 89.3* | 93.5 ⁽¹⁾ | 79.1* | 81.3 ⁽¹⁾ | 68.4* | 69.6 ⁽¹⁾ |
| 160 | B | | 346.0 ⁽¹⁾ | | 328.0 ⁽¹⁾ | | 304.0 ⁽¹⁾ | | 279.0 ⁽¹⁾ | 178.0* | 228.0 ⁽¹⁾ | 156.0* | 185.0 ⁽¹⁾ | 132.0* | 149.0 ⁽¹⁾ | 107.0* | 115.0 ⁽¹⁾ | | | | | | |
| | BV | | 380.0 ⁽¹⁾ | | 346.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | | 276.0 ⁽¹⁾ | 162.0* | 214.0 ⁽¹⁾ | 141.0* | 169.0 ⁽¹⁾ | 120.0* | 133.0 ⁽¹⁾ | 98.6* | 106.0 ⁽¹⁾ | 87.7* | 92.7 ⁽¹⁾ | 77.8* | 80.7 ⁽¹⁾ | 67.3* | 69.0 ⁽¹⁾ |
| 165 | B | | 333.0 ⁽¹⁾ | | 322.0 ⁽¹⁾ | | 298.0 ⁽¹⁾ | | 278.0 ⁽¹⁾ | 173.0* | 227.0 ⁽¹⁾ | 153.0* | 184.0 ⁽¹⁾ | 130.0* | 148.0 ⁽¹⁾ | 106.0* | 115.0 ⁽¹⁾ | | | | | | |
| | BV | | 376.0 ⁽¹⁾ | | 346.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | | 277.0 ⁽¹⁾ | 159.0* | 215.0 ⁽¹⁾ | 138.0* | 170.0 ⁽¹⁾ | 117.0* | 133.0 ⁽¹⁾ | 96.8* | 105.0 ⁽¹⁾ | 86.1* | 91.9 ⁽¹⁾ | 76.5* | 80.0 ⁽¹⁾ | 66.2* | 68.4 ⁽¹⁾ |
| 170 | B | | 320.0 ⁽¹⁾ | | 315.0 ⁽¹⁾ | | 295.0 ⁽¹⁾ | | 273.0 ⁽¹⁾ | 169.0* | 226.0 ⁽¹⁾ | 150.0* | 183.0 ⁽¹⁾ | 128.0* | 147.0 ⁽¹⁾ | 104.0* | 115.0 ⁽¹⁾ | | | | | | |
| | BV | | 363.0 ⁽¹⁾ | | 346.0 ⁽¹⁾ | | 311.0 ⁽¹⁾ | | 278.0 ⁽¹⁾ | 155.0* | 216.0 ⁽¹⁾ | 135.0* | 170.0 ⁽¹⁾ | 115.0* | 133.0 ⁽¹⁾ | 94.9* | 104.0 ⁽¹⁾ | 84.5* | 91.1 ⁽¹⁾ | 75.1* | 79.4 ⁽¹⁾ | 65.1* | 67.8 ⁽¹⁾ |
| 175 | B | | 307.0 ⁽¹⁾ | | 310.0 ⁽¹⁾ | | 292.0 ⁽¹⁾ | | 271.0 ⁽¹⁾ | 166 | | | | | | | | | | | | | |

Lifting heights

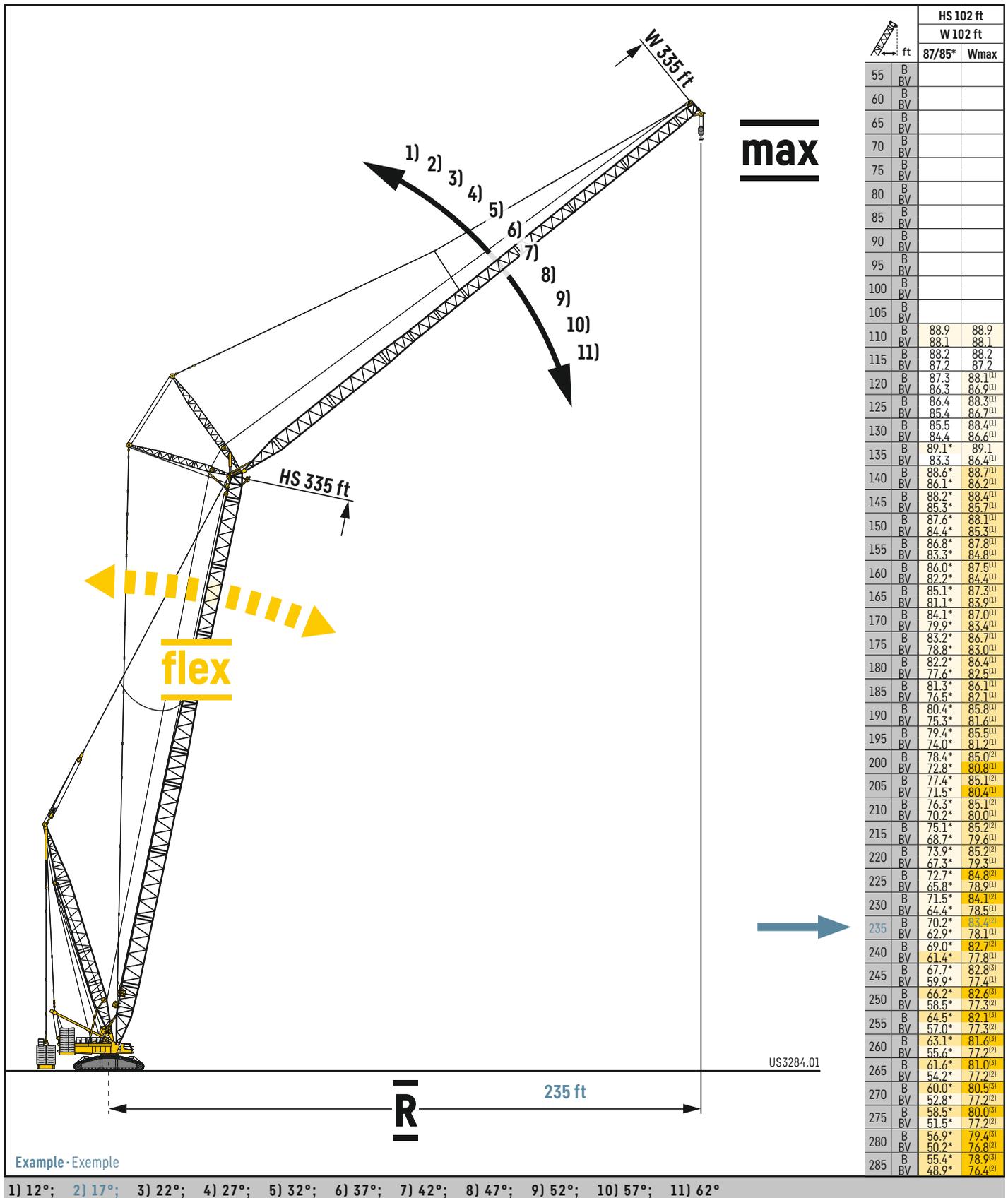
Hauteurs de levage

HSDWB / HSDWBV



Example Exemple

Wmax



| ft | ft | HS 102 ft | |
|-----|----|-----------|---------------------|
| | | W 102 ft | |
| | | 87/85* | Wmax |
| 55 | B | | |
| | BV | | |
| 60 | B | | |
| | BV | | |
| 65 | B | | |
| | BV | | |
| 70 | B | | |
| | BV | | |
| 75 | B | | |
| | BV | | |
| 80 | B | | |
| | BV | | |
| 85 | B | | |
| | BV | | |
| 90 | B | | |
| | BV | | |
| 95 | B | | |
| | BV | | |
| 100 | B | | |
| | BV | | |
| 105 | B | | |
| | BV | | |
| 110 | B | 88.9 | 88.9 |
| | BV | 88.1 | 88.1 |
| 115 | B | 88.2 | 88.2 |
| | BV | 87.2 | 87.2 |
| 120 | B | 87.3 | 88.1 ⁽¹⁾ |
| | BV | 86.3 | 86.9 ⁽¹⁾ |
| 125 | B | 86.4 | 88.3 ⁽¹⁾ |
| | BV | 85.4 | 86.7 ⁽¹⁾ |
| 130 | B | 85.5 | 88.4 ⁽¹⁾ |
| | BV | 84.4 | 86.6 ⁽¹⁾ |
| 135 | B | 89.1* | 89.1 |
| | BV | 83.3 | 86.4 ⁽¹⁾ |
| 140 | B | 88.6* | 88.7 ⁽¹⁾ |
| | BV | 86.1* | 86.2 ⁽¹⁾ |
| 145 | B | 88.2* | 88.4 ⁽¹⁾ |
| | BV | 85.3* | 85.7 ⁽¹⁾ |
| 150 | B | 87.6* | 88.1 ⁽¹⁾ |
| | BV | 84.4* | 85.3 ⁽¹⁾ |
| 155 | B | 86.8* | 87.8 ⁽¹⁾ |
| | BV | 83.3* | 84.8 ⁽¹⁾ |
| 160 | B | 86.0* | 87.5 ⁽¹⁾ |
| | BV | 82.2* | 84.4 ⁽¹⁾ |
| 165 | B | 85.1* | 87.3 ⁽¹⁾ |
| | BV | 81.1* | 83.9 ⁽¹⁾ |
| 170 | B | 84.1* | 87.0 ⁽¹⁾ |
| | BV | 79.9* | 83.4 ⁽¹⁾ |
| 175 | B | 83.2* | 86.7 ⁽¹⁾ |
| | BV | 78.8* | 83.0 ⁽¹⁾ |
| 180 | B | 82.2* | 86.4 ⁽¹⁾ |
| | BV | 77.6* | 82.5 ⁽¹⁾ |
| 185 | B | 81.3* | 86.1 ⁽¹⁾ |
| | BV | 76.5* | 82.1 ⁽¹⁾ |
| 190 | B | 80.4* | 85.8 ⁽¹⁾ |
| | BV | 75.3* | 81.6 ⁽¹⁾ |
| 195 | B | 79.4* | 85.5 ⁽¹⁾ |
| | BV | 74.0* | 81.2 ⁽¹⁾ |
| 200 | B | 78.4* | 85.0 ⁽¹⁾ |
| | BV | 72.8* | 80.8 ⁽¹⁾ |
| 205 | B | 77.4* | 85.1 ⁽¹⁾ |
| | BV | 71.5* | 80.4 ⁽¹⁾ |
| 210 | B | 76.3* | 85.1 ⁽¹⁾ |
| | BV | 70.2* | 80.0 ⁽¹⁾ |
| 215 | B | 75.1* | 85.2 ⁽¹⁾ |
| | BV | 68.7* | 79.6 ⁽¹⁾ |
| 220 | B | 73.9* | 85.2 ⁽¹⁾ |
| | BV | 67.3* | 79.3 ⁽¹⁾ |
| 225 | B | 72.7* | 84.8 ⁽¹⁾ |
| | BV | 65.8* | 78.9 ⁽¹⁾ |
| 230 | B | 71.5* | 84.1 ⁽¹⁾ |
| | BV | 64.4* | 78.5 ⁽¹⁾ |
| 235 | B | 70.2* | 83.4 ⁽¹⁾ |
| | BV | 62.9* | 78.1 ⁽¹⁾ |
| 240 | B | 69.0* | 82.7 ⁽¹⁾ |
| | BV | 61.4* | 77.8 ⁽¹⁾ |
| 245 | B | 67.7* | 82.8 ⁽¹⁾ |
| | BV | 59.9* | 77.4 ⁽¹⁾ |
| 250 | B | 66.2* | 82.6 ⁽¹⁾ |
| | BV | 58.5* | 77.3 ⁽¹⁾ |
| 255 | B | 64.5* | 82.1 ⁽¹⁾ |
| | BV | 57.0* | 77.3 ⁽¹⁾ |
| 260 | B | 63.1* | 81.6 ⁽¹⁾ |
| | BV | 55.6* | 77.2 ⁽¹⁾ |
| 265 | B | 61.6* | 81.0 ⁽¹⁾ |
| | BV | 54.2* | 77.2 ⁽¹⁾ |
| 270 | B | 60.0* | 80.5 ⁽¹⁾ |
| | BV | 52.8* | 77.2 ⁽¹⁾ |
| 275 | B | 58.5* | 80.0 ⁽¹⁾ |
| | BV | 51.5* | 77.2 ⁽¹⁾ |
| 280 | B | 56.9* | 79.4 ⁽¹⁾ |
| | BV | 50.2* | 76.8 ⁽¹⁾ |
| 285 | B | 55.4* | 78.9 ⁽¹⁾ |
| | BV | 48.9* | 76.4 ⁽¹⁾ |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°

Example · Exemple

US3284.01



| ft | SL 177 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | ft | | | | | | | |
|-----|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|-----|-----|---------|------|------|----------|-----|----------|------|----------|------|------|------|------|------|------|------|-----|-----|
| | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | F 128 ft | | | | | | | | | |
| | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 18° | 30° | 18° | | 30° | 18° | 30° | | | | |
| 40 | 408 | | | 389 | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | | | | |
| 45 | 408 | 401 | | 389 | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | | | | | |
| 50 | 408 | 384 | 266 | 370 | 320 | | 320 | | | | | 284 | | | | | | | | | | | | | | | | | | 50 | | | | | |
| 55 | 408 | 369 | 258 | 353 | 308 | 228 | 305 | 264 | | | 270 | 238 | | | 251 | | | | | 234 | | | | | | | | | | 55 | | | | | |
| 60 | 408 | 356 | 251 | 338 | 296 | 221 | 292 | 253 | | | 259 | 228 | | | 239 | 208 | | | | 222 | | | | | | | | | | 60 | | | | | |
| 65 | 403 | 343 | 244 | 324 | 285 | 215 | 279 | 244 | 189 | | 247 | 220 | | | 229 | 200 | | | | 213 | 185 | | | 211 | | | | | | 65 | | | | | |
| 70 | 388 | 332 | 239 | 311 | 276 | 209 | 268 | 236 | 173 | | 237 | 212 | 157 | 219 | 192 | | | | | 203 | 178 | | | 192 | 168 | | 159 | | 153 | | 70 | | | | |
| 75 | 360 | 321 | 233 | 299 | 267 | 203 | 258 | 227 | 168 | | 228 | 204 | 152 | 210 | 185 | 142 | | | | 194 | 171 | 133 | | 184 | 161 | | 153 | | 147 | | 75 | | | | |
| 80 | 334 | 311 | 227 | 288 | 258 | 197 | 248 | 220 | 164 | | 219 | 197 | 148 | 202 | 179 | 137 | | | | 187 | 165 | 129 | | 176 | 155 | 123 | 147 | | 141 | | 80 | | | | |
| 85 | 310 | 301 | 222 | 278 | 251 | 193 | 240 | 213 | 160 | | 211 | 191 | 144 | 194 | 173 | 133 | | | | 180 | 159 | 125 | | 169 | 149 | 119 | 141 | 113 | 135 | | 85 | | | | |
| 90 | 287 | 286 | 218 | 268 | 244 | 183 | 231 | 207 | 155 | | 203 | 185 | 141 | 187 | 167 | 130 | | | | 173 | 154 | 121 | | 162 | 144 | 116 | 136 | 110 | 130 | 105 | 125 | 100 | 90 | | |
| 95 | 265 | 266 | 214 | 257 | 237 | 173 | 223 | 200 | 152 | | 197 | 179 | 137 | 181 | 162 | 127 | | | | 166 | 149 | 118 | | 156 | 139 | 112 | 131 | 107 | 126 | 101 | 121 | 96.7 | 95 | | |
| 100 | 246 | 247 | 210 | 245 | 230 | 169 | 216 | 195 | 148 | | 190 | 174 | 134 | 175 | 157 | 123 | | | | 160 | 144 | 115 | | 151 | 135 | 109 | 127 | 104 | 121 | 98.3 | 117 | 93.6 | 100 | | |
| 105 | 227 | 230 | 206 | 231 | 222 | 165 | 209 | 190 | 145 | | 184 | 169 | 130 | 169 | 152 | 120 | | | | 155 | 139 | 112 | | 145 | 130 | 106 | 123 | 101 | 117 | 95.3 | 112 | 90.7 | 105 | | |
| 110 | 213 | 214 | 202 | 215 | 213 | 161 | 203 | 185 | 142 | | 178 | 165 | 128 | 164 | 148 | 117 | | | | 150 | 135 | 109 | | 140 | 126 | 103 | 119 | 98.2 | 113 | 92.5 | 108 | 88.2 | 110 | | |
| 115 | 199 | 200 | 197 | 201 | 203 | 158 | 197 | 180 | 139 | | 173 | 161 | 125 | 159 | 144 | 115 | | | | 145 | 131 | 107 | | 136 | 123 | 101 | 115 | 95.4 | 109 | 89.9 | 104 | 85.7 | 115 | | |
| 120 | 186 | 188 | 189 | 189 | 191 | 155 | 190 | 176 | 136 | | 168 | 156 | 122 | 154 | 140 | 112 | | | | 141 | 128 | 104 | | 131 | 119 | 98.3 | 112 | 92.9 | 106 | 87.4 | 101 | 83.1 | 120 | | |
| 125 | 175 | 177 | 180 | 177 | 180 | 152 | 180 | 172 | 133 | | 164 | 153 | 119 | 149 | 136 | 109 | | | | 137 | 124 | 101 | | 127 | 116 | 95.8 | 108 | 90.5 | 102 | 85.2 | 97.7 | 80.7 | 125 | | |
| 130 | 164 | 166 | 169 | 166 | 169 | 150 | 170 | 167 | 130 | | 159 | 149 | 117 | 145 | 133 | 107 | | | | 133 | 121 | 99 | | 123 | 112 | 93.6 | 105 | 88.6 | 99.4 | 83.3 | 94.3 | 78.5 | 130 | | |
| 135 | 155 | 156 | 159 | 157 | 159 | 147 | 160 | 161 | 128 | | 154 | 145 | 114 | 141 | 129 | 105 | | | | 129 | 118 | 96.9 | | 120 | 109 | 91.4 | 102 | 86.3 | 96.5 | 81.2 | 91.5 | 76.6 | 135 | | |
| 140 | 146 | 147 | 150 | 148 | 150 | 144 | 151 | 153 | 126 | | 149 | 142 | 112 | 137 | 126 | 103 | | | | 125 | 115 | 94.8 | | 116 | 106 | 89.3 | 99.1 | 84.2 | 93.8 | 79.1 | 88.7 | 74.5 | 140 | | |
| 145 | 138 | 139 | 142 | 140 | 142 | 141 | 143 | 145 | 123 | | 143 | 139 | 110 | 133 | 123 | 100 | | | | 122 | 112 | 92.7 | | 113 | 103 | 87.4 | 96.5 | 82.3 | 91 | 77.2 | 86.1 | 72.4 | 145 | | |
| 150 | 130 | 131 | 134 | 133 | 135 | 136 | 135 | 137 | 121 | | 136 | 136 | 108 | 130 | 121 | 98.4 | | | | 118 | 109 | 90.7 | | 110 | 101 | 85.4 | 94 | 80.4 | 88.5 | 75.4 | 83.6 | 70.6 | 150 | | |
| 155 | 123 | 124 | 126 | 125 | 128 | 130 | 128 | 130 | 119 | | 130 | 130 | 106 | 126 | 118 | 96.6 | | | | 115 | 107 | 88.9 | | 107 | 98.4 | 83.5 | 91.6 | 78.6 | 86 | 73.7 | 81.3 | 68.9 | 155 | | |
| 160 | 117 | 118 | 120 | 119 | 121 | 124 | 122 | 123 | 117 | | 123 | 125 | 105 | 123 | 116 | 94.9 | | | | 112 | 104 | 87.2 | | 104 | 96.1 | 81.7 | 89.2 | 76.7 | 83.8 | 71.9 | 79.1 | 67.3 | 160 | | |
| 165 | 110 | 111 | 114 | 113 | 114 | 117 | 116 | 117 | 114 | | 117 | 119 | 103 | 118 | 113 | 93.3 | | | | 110 | 102 | 85.5 | | 101 | 93.8 | 80 | 87 | 75.1 | 81.6 | 70.3 | 76.9 | 65.7 | 165 | | |
| 170 | 105 | 105 | 108 | 107 | 109 | 111 | 110 | 111 | 111 | | 111 | 113 | 101 | 113 | 110 | 91.7 | | | | 107 | 99.9 | 84 | | 98.5 | 91.5 | 78.5 | 84.9 | 73.6 | 79.6 | 68.8 | 74.8 | 64.3 | 170 | | |
| 175 | 99.4 | 100 | 102 | 101 | 103 | 105 | 105 | 105 | 107 | | 105 | 108 | 99.6 | 108 | 106 | 90.2 | | | | 104 | 97.8 | 82.5 | | 96.2 | 89.5 | 77.1 | 82.9 | 72.1 | 77.5 | 67.3 | 72.8 | 62.9 | 175 | | |
| 180 | 94.2 | 94.7 | 96.5 | 96.2 | 97.6 | 99.8 | 99.3 | 100 | 103 | | 100 | 102 | 98 | 103 | 102 | 88.8 | | | | 100 | 95.9 | 81.2 | | 93.9 | 87.6 | 75.6 | 81.1 | 70.7 | 75.5 | 66 | 71 | 61.5 | 180 | | |
| 185 | 89.6 | 90 | 91.4 | 91.3 | 92.7 | 94.7 | 94.3 | 95 | 97.5 | | 95.5 | 97.4 | 95.6 | 97.8 | 98.4 | 87.4 | | | | 97.2 | 94 | 79.8 | | 91.8 | 85.8 | 74.3 | 79.2 | 69.2 | 73.8 | 64.7 | 69.2 | 60.2 | 185 | | |
| 190 | 85.1 | 85.4 | 86.7 | 86.7 | 87.9 | 89.8 | 89.7 | 90.4 | 92.5 | | 90.7 | 92.6 | 92.4 | 93.3 | 94.3 | 86 | | | | 93.6 | 92.1 | 78.5 | | 89.6 | 84.1 | 73 | 77.4 | 67.9 | 72.1 | 63.5 | 67.6 | 58.9 | 190 | | |
| 195 | 80.9 | 81.2 | 82.2 | 82.5 | 83.8 | 85.1 | 85.2 | 85.9 | 88 | | 86.5 | 88.1 | 89 | 88.9 | 90 | 84.6 | | | | 89.8 | 89.4 | 77.2 | | 87.4 | 82.4 | 71.7 | 75.8 | 66.8 | 70.4 | 62.3 | 66 | 57.7 | 195 | | |
| 200 | | | | 78.4 | 79.7 | 80.8 | 81.1 | 81.6 | 83.4 | | 82.4 | 84 | 85.3 | 84.7 | 85.6 | 83.3 | | | | 85.6 | 86.2 | 75.8 | | 84.8 | 80.7 | 70.5 | 74.2 | 65.6 | 68.9 | 61.1 | 64.4 | 56.6 | 200 | | |
| 205 | | | | 74.6 | 75.7 | 76.6 | 77.4 | 77.8 | 79.2 | | 78.4 | 79.9 | 81.2 | 80.9 | 81.6 | 81.9 | | | | 81.6 | 82.5 | 74.7 | | 81.8 | 79 | 69.4 | 72.6 | 64.5 | 67.4 | 60 | 62.9 | 55.5 | 205 | | |
| 210 | | | | | | | 73.7 | 74.1 | 75.2 | | 74.8 | 76.1 | 77.2 | 77.3 | 77.9 | 79.3 | | | | 77.9 | 78.8 | 73.8 | | 78.8 | 77.2 | 68.3 | 71.1 | 63.3 | 65.9 | 59 | 61.5 | 54.5 | 210 | | |
| 215 | | | | | | | | 70.5 | 71.4 | | 71.3 | 72.6 | 73.4 | 73.6 | 74.2 | 75.8 | | | | 74.4 | 75.3 | 72.8 | | 75.7 | 75.5 | 67.3 | 69.8 | 62.2 | 64.5 | 58 | 60 | 53.6 | 215 | | |
| 220 | | | | | | | | | | | 67.8 | 69.2 | 69.8 | 70.3 | 70.7 | 72.1 | | | | 71 | 71.9 | 70.9 | | 72.6 | 73.2 | 66.4 | 68.5 | 61.3 | 63.3 | 57 | 58.7 | 52.7 | 220 | | |
| 225 | | | | | | | | | | | | 65.8 | 66.4 | 66.9 | 67.4 | 68.6 | | | | 68.5 | 68.8 | 69.4 | | 70.3 | 70.3 | 65.5 | 67.2 | 60.4 | 62.1 | 56.1 | 57.4 | 51.8 | 225 | | |
| 230 | | | | | | | | | | | | | | 63.8 | 64.2 | 65.2 | | | | 64.9 | 65.4 | 66.5 | | 66.3 | 67.2 | 64.6 | 65.5 | 59.5 | 61 | 55.2 | 56.2 | 50.9 | 230 | | |
| 235 | | | | | | | | | | | | | | | 61.2 | 61.9 | | | | 61.9 | 62.4 | 63.5 | | 63.4 | 64.1 | 63.8 | 63.6 | 58.4 | 59.9 | 54.3 | 55.1 | 50.1 | 235 | | |
| 240 | | | | | | | | | | | | | | | | 59.1 | | | | 59.4 | 60.5 | | | 60.7 | 61.3 | 62.7 | 61.6 | 57.7 | 58.8 | 53.4 | 54 | 49.3 | 240 | | |
| 245 | | | | | | | | | | | | | | | | | | | | | 57.5 | | | 57.9 | 58.6 | 59.8 | 59.4 | 57 | 57.8 | 52.7 | 53 | 48.6 | 245 | | |
| 250 | | | | | | | | | | | | | | | | | | | | | | | | 55.4 | 55.9 | 57 | 56.8 | 56 | 56.8 | 52 | 52.1 | 47.8 | 250 | | |
| 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | 54.3 | 54.2 | 54.3 | 54.8 | 51.4 | 51.2 | 47.2 | 255 | |
| 260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51.7 | 52.6 | 50.7 | 50.2 | 46.7 | 260 | |
| 265 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50.3 | 50.4 | 50 | 49 | 46.1 | 265 | |
| 270 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48.2 | 49 | 47.7 | 45.5 | 270 | |
| 275 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 47.1 | 46.3 | 45 | 44.3 | 275 | |
| 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 280 |



| | | SL 197 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|------|----------|------|----------|------|-----|
| ft | ft | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | F 128 ft | | ft |
| | | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 18° | 30° | 18° | 30° | 18° | 30° | |
| 45 | 408 | 405 | | 392 | | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| 50 | 408 | 389 | | 375 | 323 | | 323 | | | | | | | | | | | | | | | | | | | | | 50 | |
| 55 | 408 | 375 | 260 | 359 | 312 | | 309 | 265 | | 273 | | | | 253 | | | | | | | | | | | | | | 55 | |
| 60 | 408 | 362 | 254 | 344 | 300 | 223 | 296 | 256 | | 261 | 230 | | | 242 | | | 225 | | | | 213 | | | | | | | 60 | |
| 65 | 403 | 350 | 248 | 331 | 290 | 217 | 284 | 247 | 190 | 251 | 222 | | | 232 | 202 | | 215 | 187 | | | 203 | | | | | | | 65 | |
| 70 | 378 | 339 | 241 | 318 | 281 | 212 | 273 | 239 | 174 | 241 | 214 | 158 | 223 | 194 | | 206 | 179 | | | | 195 | 169 | | 160 | | | | 70 | |
| 75 | 348 | 328 | 236 | 306 | 272 | 206 | 264 | 232 | 170 | 232 | 207 | 154 | 214 | 188 | 142 | 198 | 173 | | | | 187 | 163 | | 154 | | 148 | | 75 | |
| 80 | 323 | 318 | 231 | 296 | 264 | 200 | 255 | 225 | 166 | 224 | 201 | 150 | 206 | 181 | 139 | 190 | 168 | 129 | | | 179 | 157 | | 149 | | 142 | | 80 | |
| 85 | 300 | 302 | 226 | 286 | 256 | 196 | 246 | 218 | 162 | 216 | 195 | 146 | 199 | 176 | 135 | 183 | 161 | 126 | 172 | 152 | 120 | | 144 | | 137 | | 132 | 85 | |
| 90 | 279 | 282 | 222 | 275 | 249 | 191 | 237 | 211 | 158 | 208 | 189 | 143 | 192 | 170 | 131 | 177 | 156 | 123 | 166 | 147 | 117 | 138 | 110 | 132 | 105 | 127 | | 90 | |
| 95 | 261 | 263 | 217 | 261 | 242 | 176 | 230 | 206 | 154 | 202 | 183 | 139 | 185 | 165 | 128 | 170 | 152 | 120 | 160 | 142 | 114 | 134 | 107 | 128 | 102 | 123 | 97.3 | 95 | |
| 100 | 243 | 244 | 213 | 245 | 235 | 172 | 223 | 200 | 151 | 196 | 178 | 136 | 179 | 161 | 125 | 165 | 147 | 117 | 154 | 138 | 111 | 129 | 105 | 123 | 98.9 | 118 | 94.6 | 100 | |
| 105 | 226 | 227 | 210 | 228 | 224 | 169 | 216 | 194 | 148 | 190 | 174 | 133 | 174 | 156 | 122 | 160 | 143 | 114 | 149 | 133 | 108 | 125 | 102 | 119 | 96.3 | 114 | 91.5 | 105 | |
| 110 | 210 | 211 | 204 | 213 | 213 | 165 | 208 | 190 | 145 | 184 | 169 | 130 | 169 | 152 | 119 | 155 | 139 | 111 | 144 | 129 | 105 | 121 | 99.3 | 115 | 93.7 | 110 | 89 | 110 | |
| 115 | 195 | 197 | 197 | 199 | 201 | 162 | 199 | 185 | 142 | 179 | 165 | 127 | 164 | 148 | 117 | 150 | 135 | 108 | 140 | 126 | 103 | 118 | 96.6 | 112 | 91.3 | 107 | 86.6 | 115 | |
| 120 | 183 | 184 | 187 | 185 | 189 | 159 | 189 | 180 | 139 | 174 | 161 | 125 | 159 | 144 | 114 | 145 | 131 | 106 | 135 | 122 | 100 | 114 | 94.2 | 108 | 88.8 | 103 | 84.2 | 120 | |
| 125 | 171 | 173 | 177 | 174 | 177 | 156 | 177 | 174 | 136 | 169 | 156 | 122 | 154 | 140 | 112 | 141 | 128 | 103 | 131 | 118 | 97.7 | 111 | 91.9 | 105 | 86.5 | 99.9 | 81.9 | 125 | |
| 130 | 161 | 162 | 166 | 164 | 166 | 153 | 167 | 168 | 134 | 164 | 153 | 119 | 150 | 137 | 109 | 137 | 124 | 101 | 127 | 115 | 95.4 | 108 | 90 | 102 | 84.3 | 97 | 79.9 | 130 | |
| 135 | 151 | 152 | 156 | 153 | 157 | 151 | 157 | 159 | 131 | 158 | 149 | 117 | 146 | 133 | 107 | 133 | 121 | 98.9 | 123 | 112 | 93.2 | 105 | 87.7 | 99.3 | 82.4 | 94.1 | 77.9 | 135 | |
| 140 | 142 | 143 | 147 | 144 | 147 | 147 | 148 | 150 | 129 | 150 | 145 | 115 | 142 | 130 | 105 | 129 | 118 | 96.9 | 120 | 109 | 91.1 | 102 | 85.7 | 96.6 | 80.4 | 91.5 | 75.8 | 140 | |
| 145 | 135 | 135 | 138 | 136 | 139 | 141 | 140 | 141 | 126 | 141 | 141 | 113 | 138 | 127 | 103 | 126 | 115 | 94.9 | 117 | 107 | 89.3 | 99.6 | 83.9 | 93.9 | 78.7 | 88.9 | 74 | 145 | |
| 150 | 127 | 128 | 131 | 129 | 131 | 134 | 132 | 133 | 124 | 133 | 135 | 111 | 134 | 125 | 101 | 123 | 113 | 93 | 114 | 104 | 87.5 | 96.9 | 82.1 | 91.4 | 77 | 86.5 | 72.1 | 150 | |
| 155 | 120 | 121 | 124 | 122 | 124 | 127 | 125 | 126 | 122 | 126 | 129 | 109 | 129 | 122 | 99.1 | 120 | 110 | 91.1 | 111 | 102 | 85.7 | 94.5 | 80.4 | 88.9 | 75.3 | 84 | 70.4 | 155 | |
| 160 | 113 | 114 | 117 | 115 | 117 | 121 | 118 | 119 | 120 | 119 | 122 | 107 | 122 | 119 | 97.5 | 117 | 108 | 89.3 | 108 | 99.4 | 83.9 | 92.1 | 78.7 | 86.5 | 73.7 | 81.8 | 68.8 | 160 | |
| 165 | 107 | 108 | 110 | 109 | 111 | 114 | 112 | 113 | 115 | 113 | 116 | 106 | 116 | 116 | 95.8 | 114 | 105 | 87.8 | 105 | 97.1 | 82.2 | 89.9 | 77.2 | 84.4 | 72.1 | 79.5 | 67.3 | 165 | |
| 170 | 102 | 102 | 104 | 103 | 105 | 108 | 106 | 107 | 110 | 108 | 110 | 104 | 110 | 111 | 94.2 | 110 | 103 | 86.2 | 103 | 94.9 | 80.8 | 87.9 | 75.6 | 82.3 | 70.5 | 77.5 | 65.7 | 170 | |
| 175 | 95.9 | 96.5 | 98.9 | 97.8 | 99.5 | 102 | 101 | 102 | 105 | 102 | 105 | 102 | 105 | 106 | 92.7 | 105 | 101 | 84.8 | 100 | 93 | 79.4 | 85.8 | 74.2 | 80.4 | 69 | 75.5 | 64.3 | 175 | |
| 180 | 90.6 | 91.2 | 93.5 | 92.8 | 94.4 | 96.9 | 95.5 | 96.4 | 99.8 | 97.3 | 99.5 | 99.3 | 99.4 | 101 | 91.2 | 100 | 98.5 | 83.5 | 97.8 | 91 | 77.9 | 84 | 72.7 | 78.4 | 67.6 | 73.6 | 62.9 | 180 | |
| 185 | 86.1 | 86.6 | 88.5 | 87.7 | 89.5 | 92 | 90.7 | 91.6 | 94.4 | 92.1 | 94.4 | 95.2 | 94.7 | 96 | 89.5 | 95.5 | 95.5 | 82.2 | 95 | 89.1 | 76.5 | 82.3 | 71.3 | 76.6 | 66.3 | 71.8 | 61.7 | 185 | |
| 190 | 81.7 | 82.2 | 84 | 83.1 | 84.6 | 87.2 | 86.1 | 87 | 89.6 | 87.6 | 89.5 | 90.9 | 89.9 | 91.4 | 87.5 | 91.1 | 92.2 | 80.8 | 92.1 | 87.2 | 75.1 | 80.5 | 69.9 | 74.8 | 65 | 70.1 | 60.4 | 190 | |
| 195 | 77.4 | 77.9 | 79.6 | 78.9 | 80.4 | 82.7 | 81.6 | 82.6 | 85.1 | 83.3 | 85 | 86.7 | 85.5 | 86.9 | 85.2 | 86.6 | 88 | 79.5 | 88.1 | 85.1 | 73.9 | 78.7 | 68.6 | 73.2 | 63.9 | 68.5 | 59.3 | 195 | |
| 200 | 73.4 | 73.9 | 75.3 | 74.9 | 76.3 | 78.4 | 77.6 | 78.3 | 80.7 | 79.2 | 80.9 | 82.6 | 81.4 | 82.7 | 83 | 82.3 | 83.8 | 78.3 | 84 | 82.3 | 72.7 | 76.9 | 67.4 | 71.7 | 62.9 | 66.9 | 58.1 | 200 | |
| 205 | 69.5 | 70.1 | 71.4 | 71 | 72.2 | 74.3 | 73.8 | 74.4 | 76.5 | 75.1 | 76.8 | 78.5 | 77.6 | 78.8 | 80.2 | 78.3 | 79.7 | 77.2 | 80 | 79.5 | 71.5 | 75.2 | 66.3 | 70.2 | 61.8 | 65.4 | 57.1 | 205 | |
| 210 | 65.9 | 66.4 | 67.5 | 67.5 | 68.6 | 70.4 | 70 | 70.7 | 72.7 | 71.5 | 73 | 74.4 | 73.9 | 75 | 76.9 | 74.6 | 75.8 | 76.1 | 76.3 | 76.7 | 70.5 | 73.6 | 65.3 | 68.8 | 60.7 | 63.9 | 56.1 | 210 | |
| 215 | | | | 64.1 | 65 | 66.6 | 66.5 | 67 | 68.9 | 67.9 | 69.4 | 70.7 | 70.3 | 71.2 | 73.1 | 71.1 | 72.3 | 73.8 | 72.7 | 73.7 | 69.5 | 72 | 64.3 | 67.3 | 59.7 | 62.6 | 55.1 | 215 | |
| 220 | | | | 60.9 | 61.7 | 63 | 63.2 | 63.7 | 65.3 | 64.4 | 65.9 | 67.2 | 66.9 | 67.8 | 69.4 | 67.5 | 68.7 | 70.7 | 69.3 | 70.6 | 68.2 | 70 | 63.2 | 65.9 | 58.7 | 61.3 | 54.1 | 220 | |
| 225 | | | | | | | 60 | 60.4 | 61.9 | 61.3 | 62.6 | 63.7 | 63.6 | 64.5 | 66 | 64.4 | 65.3 | 67.3 | 66 | 67.2 | 66.6 | 67.6 | 62.2 | 64.4 | 57.9 | 60.1 | 53.1 | 225 | |
| 230 | | | | | | | 57.1 | 57.4 | 58.6 | 58.4 | 59.5 | 60.5 | 60.4 | 61.2 | 62.6 | 61.5 | 62.2 | 63.9 | 62.9 | 63.9 | 64.5 | 64.6 | 61 | 62.7 | 57 | 58.8 | 52.3 | 230 | |
| 235 | | | | | | | | | | 55.5 | 56.5 | 57.5 | 57.6 | 58.2 | 59.4 | 58.5 | 59.2 | 60.8 | 60 | 61 | 62.3 | 61.6 | 59.8 | 60.7 | 56.2 | 57.5 | 51.4 | 235 | |
| 240 | | | | | | | | | | 52.7 | 53.6 | 54.4 | 54.9 | 55.4 | 56.4 | 55.7 | 56.3 | 57.8 | 57.2 | 58.1 | 59.9 | 58.7 | 58.5 | 58.6 | 55.3 | 56.1 | 50.6 | 240 | |
| 245 | | | | | | | | | | | | | 52.2 | 52.7 | 53.6 | 53.1 | 53.6 | 54.8 | 54.4 | 55.4 | 57.2 | 56 | 57.1 | 56.5 | 54.5 | 54.7 | 49.8 | 245 | |
| 250 | | | | | | | | | | | | | 49.6 | 50 | 50.7 | 50.5 | 51 | 52.1 | 51.9 | 52.6 | 54.3 | 53.4 | 55.1 | 54.2 | 53.7 | 53.2 | 49.1 | 250 | |
| 255 | | | | | | | | | | | | | | | | 47.9 | 48.5 | 49.6 | 49.6 | 50.2 | 51.5 | 50.8 | 52.8 | 51.9 | 52.8 | 51.5 | 48.5 | 255 | |
| 260 | | | | | | | | | | | | | | | | | 46.1 | 46.9 | 47.2 | 47.9 | 49.1 | 48.4 | 50.3 | 49.5 | 51 | 49.6 | 47.8 | 260 | |
| 265 | | | | | | | | | | | | | | | | | | | 44.9 | 45.5 | 46.6 | 46.1 | 47.8 | 47.1 | 48.8 | 47.4 | 46.8 | 265 | |
| 270 | | | | | | | | | | | | | | | | | | | | | 43.2 | 44.2 | 43.9 | 45.4 | 44.9 | 46.5 | 45.2 | 45.5 | 270 |
| 275 | | | | | | | | | | | | | | | | | | | | | | | 41.7 | 42.9 | 42.4 | 44.3 | 42.8 | 44.1 | 275 |
| 280 | | | | | | | | | | | | | | | | | | | | | | | 40.5 | 40.2 | 41.9 | 40.3 | 42.6 | 280 | |
| 285 | | | | | | | | | | | | | | | | | | | | | | | | | 38.5 | 38.7 | 40.2 | 285 | |
| 290 | | | | | | | | | | | | | | | | | | | | | | | | | | 37.8 | 36.9 | 38.3 | 290 |
| 295 | | | | | | | | | | | | | | | | | | | | | | | | | | | 35.2 | 36.5 | 295 |
| 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | 34.6 | 300 | |



| ft | SL 236 ft | | | | | | | | | | | | | | | | | | | | | | | | ft | | | | | | | | |
|-----|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|-----|----------|------|----------|------|------|------|------|-----|--|-----|
| | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | F 128 ft | | | | | | | |
| | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | | 18° | 30° | 18° | 30° | 18° | 30° | | |
| 45 | 408 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 |
| 50 | 408 | 395 | | 381 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| 55 | 408 | 383 | 262 | 366 | 316 | | 314 | | | | | | | | | | | | | | | | | | | | | | | | | | 55 |
| 60 | 408 | 370 | 256 | 353 | 306 | | 303 | 260 | | 266 | | | | 246 | | | | | | | | | | | | | | | | | | | 60 |
| 65 | 385 | 359 | 251 | 340 | 297 | 219 | 291 | 251 | | 256 | 225 | | 237 | 203 | | 219 | | | | | | | | | | | | | | | | | 65 |
| 70 | 354 | 348 | 246 | 329 | 288 | 215 | 281 | 244 | 181 | 247 | 218 | | 228 | 197 | | 210 | 181 | | | | | | | | | | | | | | | | 70 |
| 75 | 326 | 330 | 241 | 318 | 280 | 210 | 272 | 237 | 172 | 239 | 212 | 155 | 220 | 191 | | 203 | 176 | | | | | | | | | 156 | | 150 | | | | | 75 |
| 80 | 302 | 305 | 236 | 302 | 272 | 205 | 264 | 230 | 169 | 231 | 206 | 152 | 212 | 186 | 140 | 196 | 170 | | | | | | | | 184 | 160 | 151 | 144 | | | 139 | | 80 |
| 85 | 280 | 283 | 232 | 281 | 265 | 201 | 255 | 224 | 165 | 224 | 200 | 149 | 206 | 180 | 137 | 189 | 165 | 128 | 177 | 155 | | | | | 146 | | 140 | | | 135 | | | 85 |
| 90 | 261 | 264 | 228 | 261 | 258 | 197 | 248 | 219 | 162 | 217 | 195 | 145 | 199 | 175 | 134 | 183 | 160 | 125 | 172 | 150 | 118 | | | | 141 | 112 | 135 | | | 130 | | | 90 |
| 95 | 244 | 246 | 224 | 244 | 249 | 192 | 240 | 213 | 159 | 211 | 190 | 142 | 193 | 170 | 131 | 177 | 156 | 121 | 166 | 146 | 115 | | | | 137 | 109 | 131 | 103 | 125 | 97.8 | | | 95 |
| 100 | 228 | 230 | 219 | 229 | 233 | 186 | 231 | 208 | 156 | 205 | 185 | 140 | 187 | 166 | 128 | 172 | 152 | 119 | 160 | 141 | 112 | | | | 133 | 106 | 127 | 100 | 121 | 95.2 | | | 100 |
| 105 | 214 | 216 | 214 | 214 | 219 | 175 | 217 | 203 | 152 | 199 | 181 | 136 | 182 | 162 | 125 | 167 | 148 | 116 | 155 | 138 | 110 | | | | 129 | 104 | 123 | 97.4 | 118 | 92.6 | | | 105 |
| 110 | 200 | 202 | 207 | 201 | 206 | 172 | 204 | 198 | 149 | 193 | 176 | 134 | 177 | 157 | 122 | 162 | 144 | 114 | 151 | 134 | 107 | | | | 126 | 101 | 119 | 95.1 | 114 | 90.3 | | | 110 |
| 115 | 188 | 190 | 196 | 189 | 194 | 169 | 192 | 191 | 147 | 188 | 172 | 131 | 172 | 154 | 120 | 157 | 140 | 111 | 146 | 130 | 105 | | | | 122 | 98.7 | 116 | 92.9 | 110 | 88.2 | | | 115 |
| 120 | 176 | 178 | 183 | 178 | 182 | 165 | 181 | 184 | 144 | 181 | 168 | 129 | 168 | 150 | 118 | 153 | 136 | 109 | 142 | 127 | 103 | | | | 119 | 96.4 | 112 | 90.5 | 107 | 85.9 | | | 120 |
| 125 | 165 | 166 | 172 | 167 | 171 | 163 | 171 | 173 | 142 | 171 | 164 | 127 | 163 | 146 | 115 | 149 | 133 | 107 | 138 | 124 | 101 | | | | 116 | 94.3 | 109 | 88.5 | 104 | 83.7 | | | 125 |
| 130 | 154 | 155 | 160 | 156 | 160 | 159 | 160 | 163 | 139 | 162 | 158 | 124 | 157 | 143 | 113 | 145 | 130 | 104 | 135 | 120 | 98.5 | | | | 113 | 92.5 | 106 | 86.4 | 101 | 81.7 | | | 130 |
| 135 | 144 | 146 | 150 | 146 | 150 | 153 | 150 | 153 | 137 | 152 | 152 | 122 | 151 | 140 | 111 | 141 | 127 | 103 | 131 | 117 | 96.6 | | | | 110 | 90.4 | 104 | 84.6 | 98.2 | 79.6 | | | 135 |
| 140 | 135 | 137 | 141 | 137 | 140 | 145 | 141 | 144 | 134 | 143 | 145 | 120 | 145 | 137 | 109 | 137 | 124 | 100 | 128 | 115 | 94.4 | | | | 107 | 88.5 | 101 | 82.8 | 95.6 | 77.8 | | | 140 |
| 145 | 127 | 128 | 132 | 129 | 132 | 136 | 133 | 135 | 131 | 134 | 138 | 118 | 138 | 133 | 107 | 133 | 121 | 98.4 | 124 | 112 | 92.5 | | | | 104 | 86.6 | 98.3 | 80.9 | 93 | 76 | | | 145 |
| 150 | 119 | 121 | 125 | 122 | 124 | 129 | 125 | 127 | 128 | 126 | 130 | 116 | 130 | 128 | 105 | 128 | 119 | 96.8 | 121 | 110 | 90.8 | | | | 102 | 84.9 | 95.9 | 79.3 | 90.5 | 74.4 | | | 150 |
| 155 | 112 | 113 | 117 | 114 | 117 | 121 | 118 | 120 | 124 | 120 | 123 | 114 | 122 | 123 | 103 | 122 | 116 | 95 | 118 | 107 | 89.1 | | | | 99.7 | 83.1 | 93.6 | 77.7 | 88.2 | 72.8 | | | 155 |
| 160 | 106 | 107 | 110 | 107 | 110 | 115 | 111 | 113 | 117 | 113 | 116 | 112 | 116 | 117 | 102 | 116 | 114 | 93.4 | 114 | 105 | 87.6 | | | | 97.5 | 81.7 | 91.4 | 76.1 | 86 | 71.2 | | | 160 |
| 165 | 99.8 | 101 | 104 | 101 | 104 | 108 | 105 | 106 | 111 | 107 | 110 | 109 | 109 | 111 | 100 | 110 | 111 | 91.8 | 110 | 102 | 85.8 | | | | 95.3 | 80.3 | 89.2 | 74.6 | 83.9 | 69.7 | | | 165 |
| 170 | 94.1 | 95.2 | 98.2 | 95.6 | 98.2 | 102 | 99 | 100 | 105 | 101 | 104 | 105 | 103 | 105 | 98.7 | 104 | 106 | 90.4 | 105 | 100 | 84.3 | | | | 93.2 | 79 | 87.1 | 73.2 | 81.8 | 68.2 | | | 170 |
| 175 | 89 | 89.9 | 92.6 | 90.3 | 92.8 | 96.5 | 93.7 | 95 | 99.2 | 94.7 | 98.1 | 100 | 97.9 | 99.8 | 97.2 | 98.8 | 101 | 89 | 100 | 97.3 | | | | 82.9 | 91.2 | 77.6 | 85 | 71.8 | 80 | 66.9 | | | 175 |
| 180 | 83.8 | 84.8 | 87.5 | 85.3 | 87.6 | 91.1 | 88.7 | 89.9 | 93.8 | 89.7 | 92.8 | 95.7 | 92.8 | 94.5 | 95 | 93.4 | 95.5 | 87.5 | 95 | 94.4 | | | | 81.6 | 89.3 | 76.2 | 83.1 | 70.4 | 78.2 | 65.6 | | | 180 |
| 185 | 78.6 | 79.9 | 82.5 | 80.7 | 83 | 85.9 | 83.9 | 85.1 | 88.7 | 84.9 | 88 | 90.4 | 87.9 | 89.5 | 92.4 | 88.5 | 90.4 | 86 | 90 | 91 | | | | 80.3 | 87.4 | 74.8 | 81.3 | 69.1 | 76.4 | 64.2 | | | 185 |
| 190 | 74.3 | 75.2 | 77.6 | 76.1 | 78.5 | 81.4 | 79.5 | 80.5 | 83.9 | 80.4 | 83.3 | 85.7 | 83.2 | 84.9 | 88 | 83.9 | 85.7 | 84.1 | 85.4 | 87.4 | | | | 79 | 85.1 | 73.5 | 79.5 | 67.8 | 74.7 | 63 | | | 190 |
| 195 | 70.1 | 70.9 | 73.3 | 71.6 | 74.1 | 76.9 | 75.1 | 76.2 | 79.3 | 76.2 | 78.9 | 81.3 | 78.9 | 80.5 | 83.4 | 79.6 | 81.2 | 81.9 | 81 | 83 | | | | 77.7 | 82.6 | 72.3 | 77.7 | 66.6 | 73 | 61.8 | | | 195 |
| 200 | 66.1 | 66.9 | 69.2 | 67.6 | 70 | 72.3 | 70.8 | 72 | 75.1 | 72.3 | 74.8 | 77.1 | 74.6 | 76.3 | 79.1 | 75.5 | 77 | 79.2 | 76.9 | 78.7 | | | | 76.4 | 78.8 | 71.1 | 75.8 | 65.5 | 71.4 | 60.7 | | | 200 |
| 205 | 62.2 | 62.9 | 65.2 | 63.9 | 66 | 68.4 | 66.9 | 67.8 | 71 | 68.4 | 70.9 | 73.1 | 71 | 72.3 | 75 | 71.5 | 73.1 | 75.8 | 73 | 74.8 | | | | 75.1 | 75 | 70 | 73.7 | 64.4 | 69.8 | 59.7 | | | 205 |
| 210 | 58.7 | 59.2 | 61.3 | 60.2 | 62.3 | 64.6 | 63.2 | 64 | 66.9 | 64.6 | 67.1 | 69.3 | 67.4 | 68.6 | 71 | 68 | 69.2 | 72.1 | 69.2 | 70.9 | | | | 73.3 | 71.4 | 68.8 | 71.3 | 63.4 | 68.3 | 58.7 | | | 210 |
| 215 | 55.4 | 55.8 | 57.9 | 56.6 | 58.6 | 61 | 59.8 | 60.5 | 63.3 | 61.1 | 63.4 | 65.5 | 63.7 | 64.9 | 67.4 | 64.6 | 65.8 | 68.5 | 65.9 | 67.3 | | | | 70.2 | 67.8 | 67.7 | 68.2 | 62.4 | 66.6 | 57.7 | | | 215 |
| 220 | 52.1 | 52.4 | 54.5 | 53.5 | 55.2 | 57.3 | 56.4 | 57.1 | 59.8 | 57.7 | 59.8 | 61.8 | 60.4 | 61.2 | 63.9 | 61.2 | 62.5 | 64.9 | 62.7 | 64 | | | | 66.9 | 64.5 | 65.6 | 65.1 | 61.4 | 64.1 | 56.7 | | | 220 |
| 225 | 48.9 | 49.1 | 51.2 | 50.5 | 52 | 54.1 | 53.1 | 53.8 | 56.5 | 54.5 | 56.6 | 58.3 | 57.1 | 58 | 60.4 | 57.9 | 59.2 | 61.7 | 59.5 | 60.9 | | | | 63.5 | 61.3 | 63.3 | 61.8 | 60.3 | 61.6 | 55.9 | | | 225 |
| 230 | 46.1 | 46.3 | 48 | 47.5 | 48.9 | 51 | 50.2 | 50.8 | 53.1 | 51.2 | 53.3 | 55.1 | 54 | 54.9 | 57.1 | 54.8 | 56 | 58.4 | 56.3 | 57.8 | | | | 60.4 | 58.4 | 60.7 | 58.7 | 59.1 | 58.7 | 55 | | | 230 |
| 235 | 43.3 | 43.6 | 45 | 44.6 | 45.9 | 47.8 | 47.3 | 47.9 | 50.2 | 48.3 | 50.1 | 51.8 | 51 | 52 | 54 | 51.9 | 52.9 | 55.2 | 53.4 | 54.7 | | | | 57.3 | 55.4 | 58.1 | 55.9 | 57.6 | 55.8 | 54.1 | | | 235 |
| 240 | 40.6 | 40.9 | 42 | 41.9 | 43.2 | 44.9 | 44.5 | 45.1 | 47.3 | 45.6 | 47.3 | 48.7 | 47.9 | 49.1 | 51 | 49.1 | 50.1 | 52.2 | 50.5 | 51.8 | | | | 54.4 | 52.4 | 55.2 | 53.1 | 56.1 | 53.2 | 53.1 | | | 240 |
| 245 | 38.1 | 38.3 | 39.2 | 39.3 | 40.6 | 42.2 | 41.9 | 42.3 | 44.5 | 42.9 | 44.7 | 45.9 | 45.3 | 46.3 | 48.1 | 46.3 | 47.3 | 49.3 | 47.8 | 49.1 | | | | 51.4 | 49.6 | 52.4 | 50.3 | 53.5 | 50.5 | 52 | | | 245 |
| 250 | | | | 36.8 | 38 | 39.5 | 39.4 | 39.8 | 41.8 | 40.3 | 42 | 43.2 | 42.8 | 43.6 | 45.2 | 43.6 | 44.4 | 46.5 | 45.2 | 46.5 | | | | 48.6 | 46.9 | 49.6 | 47.7 | 50.8 | 47.9 | 50.1 | | | 250 |
| 255 | | | | 34.5 | 35.6 | 36.8 | 36.9 | 37.3 | 39.1 | 37.9 | 39.4 | 40.5 | 40.3 | 41.1 | 42.6 | 41.1 | 42 | 43.7 | 42.5 | 43.9 | | | | 46 | 44.5 | 46.9 | 45.1 | 48.1 | 45.1 | 47.8 | | | 255 |
| 260 | | | | | | | 34.5 | 34.9 | 36.5 | 35.7 | 37 | 38 | 37.8 | 38.6 | 39.9 | 38.9 | 39.6 | 41.2 | 40.3 | 41.4 | | | | 43.3 | 42 | 44.2 | 42.5 | 45.4 | 42.2 | 45.5 | | | 260 |
| 265 | | | | | | | 32.4 | 32.7 | 34 | 33.4 | 34.7 | 35.5 | 35.6 | 36.2 | 37.4 | 36.6 | 37.3 | 38.8 | 38.1 | 39.1 | | | | 40.5 | 39.5 | 41.3 | 39.8 | 42.9 | 39.9 | 43.2 | | | 265 |
| 270 | | | | | | | | | | 31.3 | 32.4 | 33.1 | 33.4 | 34 | 35 | 34.3 | 35.1 | 36.5 | 35.9 | 36.9 | | | | 38.4 | 37.3 | 39.2 | 37.9 | 40.4 | 38 | 40.6 | </ | | |

SLF

SL 256 ft



| | | SL 256 ft | | | | | | | | | | | | | | | | | | | | | | | | ft | | | | | | | | |
|-----|------|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|-----|----------|------|----------|-----|------|------|------|------|-----|-----|
| | | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | F 128 ft | | | | | | | |
| | ft | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 18° | 30° | 18° | 30° | 18° | 30° | ft | | |
| 50 | 408 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| 55 | 408 | 383 | | | 367 | 314 | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | | |
| 60 | 395 | 372 | 261 | 355 | 307 | | | | | 303 | | | | 266 | | | | | | | | | | | | | | | | | | 60 | | |
| 65 | 373 | 362 | 256 | 343 | 298 | 219 | 293 | 257 | | | 257 | 225 | | | 237 | | | | | | 219 | | | | | | | | | | | 65 | | |
| 70 | 346 | 345 | 251 | 332 | 290 | 215 | 283 | 250 | 179 | 248 | 219 | | | | 229 | 197 | | | | | 211 | 181 | | | 199 | | | | | | | 70 | | |
| 75 | 320 | 323 | 246 | 319 | 282 | 211 | 275 | 243 | 173 | 240 | 213 | 156 | 221 | 192 | | | | | | | 204 | 176 | | | 191 | 165 | | | | | | 75 | | |
| 80 | 296 | 300 | 242 | 296 | 275 | 206 | 267 | 237 | 170 | 233 | 207 | 152 | 214 | 186 | 140 | 197 | 171 | | | | 185 | 160 | | | 185 | 160 | | 151 | | 145 | | 140 | 80 | |
| 85 | 275 | 278 | 237 | 276 | 268 | 202 | 259 | 230 | 166 | 226 | 201 | 149 | 207 | 181 | 137 | 191 | 166 | 128 | 179 | 155 | | | 179 | 155 | | | 147 | | 140 | | 135 | | 85 | |
| 90 | 257 | 259 | 233 | 257 | 259 | 198 | 251 | 225 | 163 | 220 | 197 | 146 | 201 | 176 | 134 | 185 | 161 | 125 | 173 | 151 | 118 | 142 | | | 151 | 118 | 142 | | 136 | | 130 | | 90 | |
| 95 | 240 | 242 | 230 | 240 | 245 | 194 | 243 | 220 | 160 | 214 | 191 | 143 | 195 | 172 | 131 | 179 | 157 | 122 | 168 | 146 | 115 | 138 | 109 | | | 138 | 109 | | 131 | 103 | 126 | | 95 | |
| 100 | 224 | 227 | 226 | 225 | 230 | 190 | 228 | 214 | 157 | 207 | 187 | 140 | 190 | 167 | 129 | 174 | 153 | 119 | 162 | 142 | 113 | 134 | 106 | | | 134 | 106 | | 127 | 100 | 123 | 95.2 | 100 | |
| 105 | 210 | 213 | 220 | 211 | 216 | 178 | 214 | 209 | 154 | 202 | 182 | 138 | 185 | 163 | 126 | 169 | 149 | 117 | 158 | 139 | 111 | 130 | 104 | | | 130 | 104 | | 124 | 97.7 | 119 | 92.8 | 105 | |
| 110 | 198 | 200 | 208 | 198 | 203 | 173 | 201 | 204 | 151 | 196 | 178 | 135 | 179 | 159 | 124 | 164 | 145 | 114 | 153 | 135 | 108 | 127 | 101 | | | 127 | 101 | | 120 | 95.5 | 115 | 90.7 | 110 | |
| 115 | 186 | 188 | 196 | 187 | 191 | 170 | 189 | 194 | 148 | 189 | 174 | 133 | 175 | 156 | 121 | 160 | 142 | 112 | 149 | 131 | 106 | 123 | 99 | | | 123 | 99 | | 117 | 93.3 | 112 | 88.3 | 115 | |
| 120 | 175 | 177 | 185 | 176 | 180 | 168 | 179 | 183 | 146 | 179 | 170 | 130 | 171 | 152 | 119 | 155 | 138 | 110 | 144 | 128 | 104 | 120 | 96.8 | | | 120 | 96.8 | | 114 | 91.1 | 108 | 86.1 | 120 | |
| 125 | 164 | 167 | 174 | 166 | 170 | 165 | 169 | 173 | 143 | 169 | 167 | 128 | 166 | 149 | 117 | 151 | 135 | 108 | 140 | 125 | 102 | 117 | 95 | | | 117 | 95 | | 111 | 89 | 106 | 84.2 | 125 | |
| 130 | 154 | 156 | 163 | 156 | 160 | 159 | 160 | 164 | 141 | 160 | 163 | 126 | 162 | 146 | 114 | 147 | 132 | 106 | 137 | 122 | 99.5 | 114 | 93.2 | | | 108 | 93.2 | | 108 | 87.3 | 103 | 82.3 | 130 | |
| 135 | 144 | 146 | 153 | 147 | 151 | 153 | 151 | 155 | 139 | 151 | 156 | 124 | 154 | 142 | 112 | 143 | 129 | 104 | 133 | 119 | 97.6 | 112 | 91.2 | | | 105 | 91.2 | | 105 | 85.2 | 100 | 80.4 | 135 | |
| 140 | 136 | 137 | 144 | 138 | 141 | 145 | 141 | 146 | 137 | 143 | 147 | 121 | 146 | 138 | 111 | 139 | 126 | 102 | 130 | 117 | 95.7 | 109 | 89.3 | | | 103 | 89.3 | | 103 | 83.4 | 97.3 | 78.7 | 140 | |
| 145 | 127 | 129 | 135 | 129 | 133 | 138 | 133 | 137 | 133 | 134 | 139 | 120 | 138 | 134 | 109 | 134 | 124 | 100 | 127 | 114 | 93.9 | 106 | 87.5 | | | 100 | 87.5 | | 100 | 81.8 | 94.8 | 76.9 | 145 | |
| 150 | 120 | 121 | 127 | 122 | 125 | 130 | 126 | 129 | 130 | 127 | 130 | 118 | 130 | 129 | 107 | 128 | 121 | 98.2 | 124 | 112 | 92.3 | 104 | 85.8 | | | 97.8 | 80.1 | | 92.3 | 75.2 | 150 | 150 | | |
| 155 | 113 | 114 | 120 | 115 | 118 | 123 | 119 | 121 | 124 | 119 | 123 | 116 | 123 | 124 | 105 | 123 | 118 | 96.6 | 120 | 109 | 90.6 | 102 | 84.3 | | | 95.5 | 78.4 | | 90 | 73.6 | 155 | 155 | | |
| 160 | 106 | 107 | 113 | 108 | 111 | 116 | 112 | 115 | 118 | 113 | 116 | 113 | 116 | 118 | 103 | 117 | 115 | 95.1 | 116 | 107 | 89 | 99.3 | | | | 93.3 | 77.1 | | 87.8 | 72.1 | 160 | 160 | | |
| 165 | 99.9 | 101 | 106 | 102 | 105 | 109 | 106 | 109 | 112 | 107 | 110 | 110 | 110 | 112 | 102 | 110 | 110 | 93.6 | 111 | 104 | 87.5 | 97.1 | 81.3 | | | 91.2 | 75.7 | | 85.7 | 70.7 | 165 | 165 | | |
| 170 | 94.4 | 95.5 | 100 | 96 | 99.1 | 103 | 99.4 | 103 | 106 | 101 | 104 | 106 | 104 | 106 | 100 | 104 | 106 | 92.1 | 105 | 102 | 86 | 94.9 | | | | 89.2 | 74.4 | | 83.8 | 69.4 | 170 | 170 | | |
| 175 | 89.2 | 90 | 94.9 | 90.8 | 93.4 | 97.3 | 94 | 97.1 | 100 | 95.1 | 98.6 | 101 | 98.3 | 100 | 98.8 | 99 | 101 | 90.7 | 100 | 99.4 | 84.5 | 93.1 | | | | 87.5 | 87.1 | | 73 | 81.8 | 68 | 175 | 175 | |
| 180 | 84.1 | 85.1 | 89.6 | 85.8 | 88.4 | 91.7 | 88.8 | 91.7 | 94.5 | 90 | 93.1 | 96.4 | 93 | 94.9 | 95.5 | 93.8 | 95.6 | 89.3 | 95.2 | 96 | 83 | 91.2 | | | | 77.2 | 78.2 | | 71.7 | 79.9 | 66.7 | 180 | 180 | |
| 185 | 79.7 | 80.4 | 84.7 | 81.2 | 83.5 | 86.8 | 84.2 | 86.7 | 89.4 | 85 | 88.3 | 91.2 | 88.1 | 89.8 | 91.9 | 88.7 | 90.8 | 87.5 | 90.3 | 92 | 81.7 | 88.7 | | | | 75.9 | 83.3 | | 70.4 | 78.2 | 65.4 | 185 | 185 | |
| 190 | 75.4 | 76.2 | 80.1 | 76.7 | 78.9 | 82.1 | 79.7 | 82.1 | 84.5 | 80.6 | 83.6 | 86.4 | 83.5 | 85.2 | 87.9 | 84.1 | 86 | 85.3 | 85.6 | 87.8 | 80.4 | 85.6 | | | | 74.8 | 81.3 | | 69.1 | 76.4 | 64.1 | 190 | 190 | |
| 195 | 71.1 | 71.9 | 75.8 | 72.7 | 74.7 | 77.6 | 75.5 | 77.8 | 80 | 76.3 | 79.4 | 81.9 | 79.3 | 80.7 | 83.7 | 79.7 | 81.5 | 82.8 | 81.2 | 83.3 | 79.2 | 82.4 | | | | 73.6 | 79.3 | | 67.8 | 74.8 | 62.9 | 195 | 195 | |
| 200 | 67.1 | 67.8 | 71.5 | 68.6 | 70.8 | 73.6 | 71.6 | 73.6 | 75.8 | 72.3 | 75.2 | 77.7 | 75.1 | 76.6 | 79.5 | 75.6 | 77.2 | 80 | 77 | 79 | 77.8 | 78.8 | | | | 72.1 | 77.1 | | 66.6 | 73.3 | 61.8 | 200 | 200 | |
| 205 | 63.2 | 64 | 67.4 | 64.6 | 66.9 | 69.6 | 67.8 | 69.9 | 71.6 | 68.4 | 71.2 | 73.5 | 71.3 | 72.6 | 75.4 | 71.7 | 73.3 | 76.5 | 73 | 74.9 | 76.1 | 75.2 | | | | 71.5 | 74.7 | | 65.5 | 71.6 | 60.7 | 205 | 205 | |
| 210 | 59.8 | 60.4 | 63.6 | 61 | 63.1 | 65.7 | 64.1 | 66.2 | 68 | 65 | 67.5 | 69.7 | 67.5 | 68.9 | 71.5 | 68 | 69.6 | 72.5 | 69.4 | 71 | 73.9 | 71.4 | | | | 70.2 | 71.8 | | 64.5 | 69.9 | 59.7 | 210 | 210 | |
| 215 | 56.3 | 56.9 | 60.2 | 57.5 | 59.5 | 62 | 60.5 | 62.4 | 64.4 | 61.5 | 64.1 | 66 | 64.2 | 65.2 | 67.7 | 64.4 | 66.1 | 68.9 | 65.9 | 67.5 | 70.4 | 67.7 | | | | 68.8 | 68.3 | | 63.4 | 67.6 | 58.7 | 215 | 215 | |
| 220 | 52.8 | 53.5 | 56.7 | 54.3 | 56.2 | 58.5 | 57.1 | 59 | 60.7 | 58.1 | 60.6 | 62.6 | 60.9 | 62 | 64.1 | 61.2 | 62.6 | 65.3 | 62.6 | 64 | 67 | 64.5 | | | | 64.9 | 62.4 | | 64.6 | 57.8 | 220 | 220 | | |
| 225 | 49.8 | 50.3 | 53.3 | 51 | 52.9 | 55.2 | 53.9 | 55.7 | 57.3 | 54.9 | 57.2 | 59.3 | 57.6 | 58.8 | 60.8 | 58.1 | 59.5 | 62 | 59.5 | 60.7 | 63.7 | 61.3 | | | | 64.1 | 61.7 | | 61.3 | 61.7 | 56.8 | 225 | 225 | |
| 230 | 46.9 | 47.4 | 50.3 | 47.9 | 49.6 | 52 | 50.9 | 52.7 | 54.1 | 51.8 | 54.1 | 55.9 | 54.4 | 55.6 | 57.7 | 55.1 | 56.4 | 58.8 | 56.5 | 57.6 | 60.5 | 58.3 | | | | 61.2 | 58.6 | | 60.2 | 58.8 | 56 | 230 | 230 | |
| 235 | 44 | 44.5 | 47.4 | 45.2 | 46.8 | 48.9 | 47.8 | 49.7 | 51.2 | 49.1 | 51.1 | 52.8 | 51.5 | 52.5 | 54.6 | 52 | 53.4 | 55.8 | 53.6 | 54.8 | 57.4 | 55.2 | | | | 58.3 | 55.7 | | 58.3 | 55.9 | 55.2 | 235 | 235 | |
| 240 | 41.2 | 41.6 | 44.5 | 42.7 | 44.2 | 46.1 | 45.1 | 46.8 | 48.2 | 46.3 | 48.2 | 49.8 | 48.7 | 49.6 | 51.6 | 49.2 | 50.4 | 52.8 | 50.7 | 52 | 54.5 | | | | | 52.6 | 55.3 | | 52.7 | 56 | 53.1 | 53.9 | 240 | 240 |
| 245 | 38.8 | 39.1 | 41.7 | 40.1 | 41.5 | 43.4 | 42.5 | 44.2 | 45.3 | 43.5 | 45.4 | 47 | 46.1 | 47 | 48.7 | 46.5 | 47.7 | 49.9 | 48 | 49.2 | 51.8 | 49.9 | | | | 52.4 | 50.3 | | 53.3 | 50.3 | 52.3 | 245 | 245 | |
| 250 | 36.4 | 36.7 | 39.1 | 37.6 | 38.9 | 40.7 | 40.1 | 41.8 | 42.8 | 41 | 42.7 | 44.2 | 43.4 | 44.3 | 46.1 | 44 | 45 | 47.1 | 45.3 | 46.5 | 49.1 | 47.2 | | | | 49.8 | 47.7 | | 50.5 | 47.9 | 50.4 | 250 | 250 | |
| 255 | 34.1 | 34.3 | 36.6 | 35.3 | 36.6 | 38.1 | 37.7 | 39.3 | 40.3 | 38.6 | 40.3 | 41.5 | 40.9 | 41.7 | 43.5 | 41.5 | 42.6 | 44.4 | 42.7 | 44 | 46.3 | 44.5 | | | | 47.3 | 45.3 | | 48 | 45.4 | 48.3 | 255 | 255 | |
| 260 | 32 | 32.1 | 34.1 | 33 | 34.3 | 35.8 | 35.4 | 36.9 | 37.9 | 36.2 | 37.9 | 39.1 | 38.5 | 39.3 | 40.9 | 39 | 40.1 | 41.8 | 40.2 | 41.5 | 43.8 | 41.7 | | | | 42.8 | 42.8 | | 45.6 | 42.6 | 45.7 | 260 | 260 | |
| 265 | | | | 30.8 | 32 | 33.4 | 33.2 | 34.7 | 35.5 | 33.9 | 35.6 | 36.7 | 36.3 | 37 | 38.4 | 36.8 | 37.6 | 39.3 | 38.1 | 39.1 | 41.3 | 39.3 | | | | 42.1 | 40.2 | | 42.8 | 39.7 | 42.6 | 265 | 265 | |
| 270 | | | | 28.8 | 29.9 | 31.1 | 31.1 | 32.4 | 33.2 | 31.8 | 33.3 | 34.4 | 34 | 34.8 | 36.1 | | | | | | | | | | | | | | | | | | | |



| | | SL 276 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|------|----------|------|----------|-----|----|
| ft | ft | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | F 128 ft | | ft |
| | | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 18° | 30° | 18° | 30° | 18° | 30° | |
| 50 | 408 | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| 55 | 399 | 385 | | | 368 | | | | | | | | | | | | | | | | | | | | | | | 55 | |
| 60 | 376 | 371 | 262 | 356 | 308 | | | 304 | | | | 266 | | | | | | | | | | | | | | | | 60 | |
| 65 | 353 | 350 | 258 | 343 | 299 | | | 295 | 258 | | | 258 | | | 238 | | | | | | | | | | | | | 65 | |
| 70 | 333 | 330 | 253 | 326 | 292 | 216 | 286 | 251 | | 251 | 220 | | 230 | 198 | | 212 | | | | | | 199 | | | | | | 70 | |
| 75 | 309 | 311 | 248 | 308 | 284 | 212 | 277 | 245 | 174 | 243 | 214 | | 223 | 192 | | 205 | 177 | | | | | 192 | | | | | | 75 | |
| 80 | 286 | 289 | 243 | 287 | 277 | 207 | 269 | 238 | 170 | 236 | 208 | 153 | 216 | 187 | | 199 | 172 | | | | 186 | 161 | | | 152 | | 145 | 80 | |
| 85 | 266 | 269 | 240 | 266 | 269 | 203 | 262 | 232 | 167 | 229 | 203 | 150 | 209 | 183 | 137 | 192 | 167 | 128 | 180 | 156 | | | 148 | | 141 | | 135 | 85 | |
| 90 | 247 | 250 | 236 | 248 | 254 | 200 | 250 | 227 | 164 | 223 | 198 | 147 | 204 | 178 | 135 | 187 | 163 | 125 | 175 | 152 | | 143 | | | 136 | | 131 | 90 | |
| 95 | 231 | 234 | 232 | 232 | 237 | 196 | 235 | 222 | 161 | 217 | 193 | 144 | 198 | 174 | 132 | 182 | 159 | 123 | 169 | 148 | 116 | 139 | 109 | | 132 | | 127 | 95 | |
| 100 | 216 | 219 | 226 | 217 | 222 | 192 | 220 | 217 | 158 | 211 | 189 | 142 | 192 | 169 | 129 | 177 | 155 | 120 | 165 | 144 | 113 | 135 | 106 | 128 | 100 | 123 | 95.2 | 100 | |
| 105 | 202 | 205 | 214 | 203 | 208 | 189 | 206 | 210 | 155 | 204 | 185 | 139 | 188 | 165 | 127 | 172 | 151 | 118 | 160 | 140 | 111 | 132 | 104 | 125 | 97.8 | 120 | 93 | 105 | |
| 110 | 190 | 192 | 201 | 191 | 196 | 177 | 194 | 199 | 153 | 194 | 181 | 136 | 183 | 162 | 125 | 167 | 147 | 115 | 156 | 136 | 109 | 128 | 102 | 121 | 95.6 | 116 | 90.7 | 110 | |
| 115 | 178 | 181 | 189 | 179 | 184 | 173 | 182 | 187 | 150 | 182 | 177 | 134 | 178 | 158 | 122 | 163 | 144 | 113 | 151 | 133 | 107 | 125 | 99.4 | 118 | 93.6 | 113 | 88.7 | 115 | |
| 120 | 168 | 170 | 178 | 169 | 173 | 169 | 172 | 177 | 147 | 172 | 173 | 131 | 173 | 155 | 120 | 158 | 140 | 111 | 147 | 130 | 104 | 122 | 97.5 | 115 | 91.7 | 110 | 86.6 | 120 | |
| 125 | 158 | 160 | 168 | 159 | 163 | 164 | 162 | 167 | 145 | 162 | 167 | 129 | 165 | 151 | 118 | 155 | 137 | 109 | 143 | 127 | 103 | 119 | 95.7 | 112 | 89.6 | 107 | 84.5 | 125 | |
| 130 | 149 | 151 | 159 | 150 | 154 | 159 | 153 | 158 | 143 | 153 | 158 | 127 | 156 | 148 | 116 | 150 | 134 | 107 | 139 | 124 | 101 | 116 | 93.5 | 110 | 87.8 | 104 | 82.8 | 130 | |
| 135 | 140 | 142 | 149 | 142 | 146 | 152 | 145 | 149 | 141 | 145 | 150 | 125 | 148 | 145 | 114 | 145 | 132 | 105 | 136 | 121 | 98.6 | 113 | 91.8 | 107 | 86.2 | 101 | 80.9 | 135 | |
| 140 | 132 | 134 | 140 | 134 | 137 | 143 | 137 | 141 | 138 | 137 | 142 | 123 | 140 | 141 | 112 | 139 | 129 | 103 | 133 | 119 | 96.6 | 111 | 90 | 104 | 84.2 | 98.8 | 79.2 | 140 | |
| 145 | 123 | 125 | 131 | 126 | 129 | 135 | 129 | 133 | 133 | 130 | 134 | 121 | 133 | 135 | 110 | 132 | 126 | 101 | 129 | 116 | 95 | 108 | 88.3 | 102 | 82.5 | 96.2 | 77.6 | 145 | |
| 150 | 116 | 118 | 124 | 118 | 121 | 127 | 122 | 126 | 127 | 123 | 127 | 119 | 126 | 128 | 109 | 125 | 122 | 99.7 | 125 | 114 | 93.2 | 106 | 86.6 | 99.5 | 80.9 | 94 | 75.9 | 150 | |
| 155 | 109 | 111 | 116 | 111 | 114 | 119 | 115 | 118 | 121 | 116 | 120 | 117 | 119 | 122 | 107 | 119 | 118 | 97.9 | 119 | 111 | 91.7 | 103 | 85.4 | 97.1 | 79.4 | 91.9 | 74.4 | 155 | |
| 160 | 102 | 104 | 110 | 104 | 107 | 112 | 108 | 112 | 115 | 109 | 113 | 113 | 112 | 115 | 105 | 113 | 113 | 96.3 | 113 | 109 | 90.2 | 101 | 83.9 | 94.9 | 77.7 | 89.8 | 72.9 | 160 | |
| 165 | 96 | 97.4 | 103 | 98.1 | 101 | 106 | 102 | 105 | 109 | 103 | 107 | 110 | 106 | 109 | 103 | 107 | 108 | 94.8 | 108 | 106 | 88.7 | 99 | 82.4 | 92.7 | 76.3 | 87.8 | 71.5 | 165 | |
| 170 | 90.4 | 91.5 | 96.9 | 92.2 | 95.3 | 99.9 | 95.8 | 99.3 | 103 | 97.1 | 101 | 105 | 100 | 103 | 101 | 101 | 103 | 93.3 | 102 | 103 | 87.2 | 96.6 | 80.9 | 90.7 | 74.9 | 85.8 | 70.2 | 170 | |
| 175 | 84.8 | 86 | 91.3 | 86.8 | 89.5 | 94.2 | 90.4 | 93.6 | 97 | 91.5 | 95.3 | 98.6 | 94.8 | 96.6 | 97.7 | 95.5 | 97.9 | 91.6 | 97 | 99.2 | 85.8 | 94.2 | 79.6 | 88.6 | 73.6 | 83.9 | 68.9 | 175 | |
| 180 | 80 | 81 | 85.9 | 81.7 | 84.4 | 88.6 | 85 | 88.2 | 91.5 | 86.4 | 89.8 | 93.3 | 89.5 | 91.5 | 93.6 | 90.4 | 92.2 | 89.8 | 91.7 | 94.1 | 84.4 | 91.2 | 78.4 | 86.5 | 72.3 | 82 | 67.7 | 180 | |
| 185 | 75.2 | 76.1 | 81 | 77.1 | 79.4 | 83.5 | 80.2 | 83.3 | 86.4 | 81.3 | 84.8 | 88.2 | 84.7 | 86.3 | 89.5 | 85.3 | 87.4 | 87.4 | 86.9 | 89 | 83.1 | 87.5 | 77.2 | 84.1 | 71.1 | 80.1 | 66.4 | 185 | |
| 190 | 70.8 | 71.7 | 76.3 | 72.6 | 75.1 | 78.5 | 75.6 | 78.6 | 81.5 | 76.8 | 79.9 | 83.4 | 79.9 | 81.7 | 85 | 80.7 | 82.6 | 85 | 82 | 84.5 | 81.9 | 83.7 | 75.9 | 81.7 | 69.9 | 78.5 | 65.2 | 190 | |
| 195 | 66.7 | 67.4 | 72 | 68.4 | 70.8 | 74.2 | 71.5 | 74.3 | 76.9 | 72.3 | 75.5 | 78.7 | 75.6 | 77.1 | 80.6 | 76.1 | 78.1 | 81.3 | 77.7 | 80 | 80.7 | 79.8 | 74.7 | 79 | 68.8 | 76.8 | 64 | 195 | |
| 200 | 62.8 | 63.6 | 67.8 | 64.2 | 66.8 | 69.9 | 67.5 | 70.1 | 72.5 | 68.4 | 71.2 | 74.3 | 71.4 | 73 | 76.3 | 71.9 | 73.8 | 77.6 | 73.3 | 75.7 | 78.1 | 75.8 | 73.6 | 75.5 | 67.7 | 74.3 | 62.7 | 200 | |
| 205 | 59 | 59.8 | 64 | 60.6 | 63 | 66 | 63.7 | 66.2 | 68.5 | 64.5 | 67.4 | 70 | 67.5 | 69 | 72 | 67.9 | 69.7 | 73.6 | 69.4 | 71.6 | 74.8 | 71.9 | 71.8 | 71.9 | 66.6 | 71.1 | 61.7 | 205 | |
| 210 | 55.2 | 56 | 60.2 | 57 | 59.4 | 62.2 | 60.1 | 62.3 | 64.6 | 61 | 63.7 | 66.2 | 63.8 | 65.3 | 68.2 | 64.2 | 65.9 | 69.4 | 65.7 | 67.6 | 71.3 | 68.1 | 68.4 | 65.4 | 65.4 | 67.9 | 60.7 | 210 | |
| 215 | 51.9 | 52.5 | 56.4 | 53.4 | 55.8 | 58.8 | 56.7 | 59 | 60.8 | 57.4 | 60.2 | 62.5 | 60.3 | 61.7 | 64.4 | 60.8 | 62.3 | 65.7 | 62.2 | 64 | 67.6 | 64.4 | 67.1 | 64.9 | 64 | 64.7 | 59.7 | 215 | |
| 220 | 48.7 | 49.2 | 53 | 50 | 52.3 | 55.3 | 53.4 | 55.7 | 57.5 | 54.3 | 56.8 | 59.1 | 56.9 | 58.3 | 61 | 57.5 | 59 | 62.1 | 58.9 | 60.5 | 64 | 61 | 64.2 | 61.5 | 62.6 | 61.5 | 58.8 | 220 | |
| 225 | 45.7 | 46.3 | 49.8 | 46.8 | 49.1 | 51.9 | 50 | 52.4 | 54.2 | 51.2 | 53.6 | 55.7 | 53.8 | 54.9 | 57.6 | 54.3 | 55.7 | 58.8 | 55.7 | 57.3 | 60.7 | 57.6 | 61.3 | 58.4 | 60.8 | 58.4 | 57.8 | 225 | |
| 230 | 42.7 | 43.3 | 46.7 | 43.9 | 46 | 48.8 | 47 | 49.2 | 51 | 48.1 | 50.5 | 52.7 | 50.8 | 52 | 54.4 | 51.3 | 52.6 | 55.5 | 52.6 | 54.1 | 57.5 | 54.5 | 58.1 | 55.3 | 59.1 | 55.3 | 56.8 | 230 | |
| 235 | 39.9 | 40.3 | 43.7 | 41.1 | 43.2 | 45.8 | 44 | 46.2 | 47.9 | 45 | 47.3 | 49.6 | 47.9 | 49 | 51.3 | 48.5 | 49.7 | 52.4 | 49.6 | 51.2 | 54.4 | 51.5 | 54.9 | 52.3 | 56.2 | 52.3 | 55.6 | 235 | |
| 240 | 37.3 | 37.8 | 40.8 | 38.3 | 40.4 | 42.9 | 41.3 | 43.4 | 44.9 | 42.3 | 44.4 | 46.5 | 44.9 | 46.1 | 48.4 | 45.6 | 46.9 | 49.4 | 47 | 48.3 | 51.3 | 48.7 | 52 | 49.4 | 53.2 | 49.5 | 53.3 | 240 | |
| 245 | 34.8 | 35.2 | 38.1 | 35.7 | 37.6 | 40.1 | 38.6 | 40.7 | 42.2 | 39.6 | 41.6 | 43.7 | 42.2 | 43.2 | 45.6 | 42.7 | 44.1 | 46.6 | 44.3 | 45.7 | 48.5 | 45.8 | 49.1 | 46.6 | 50.4 | 46.7 | 50.5 | 245 | |
| 250 | 32.3 | 32.8 | 35.6 | 33.3 | 35.1 | 37.4 | 35.9 | 38.1 | 39.5 | 37.1 | 39.2 | 40.9 | 39.5 | 40.6 | 42.7 | 40 | 41.3 | 43.9 | 41.6 | 43.1 | 45.5 | 43.1 | 46.4 | 43.9 | 47.6 | 43.7 | 47.9 | 250 | |
| 255 | 29.9 | 30.3 | 33.1 | 31.1 | 32.8 | 34.9 | 33.6 | 35.5 | 36.8 | 34.6 | 36.7 | 38.4 | 37.2 | 38.1 | 40.1 | 37.6 | 38.7 | 41.2 | 39 | 40.5 | 42.5 | 40.3 | 43.7 | 41.3 | 44.6 | 40.7 | 45.3 | 255 | |
| 260 | 27.8 | 28.1 | 30.6 | 28.8 | 30.4 | 32.5 | 31.4 | 33.2 | 34.3 | 32.2 | 34.2 | 35.9 | 34.7 | 35.7 | 37.5 | 35.3 | 36.3 | 38.5 | 36.7 | 37.9 | 40 | 38.2 | 41.1 | 38.7 | 41.5 | 38.5 | 42.6 | 260 | |
| 265 | 25.7 | 26 | 28.4 | 26.6 | 28.1 | 30.1 | 29.2 | 31 | 32 | 30.1 | 32 | 33.3 | 32.3 | 33.3 | 35.2 | 33.1 | 34.1 | 36.1 | 34.4 | 35.6 | 37.9 | 36.2 | 38.4 | 36.5 | 39 | 36.6 | 39.8 | 265 | |
| 270 | 23.6 | 23.9 | 26.2 | 24.6 | 26.1 | 27.8 | 27.1 | 28.8 | 29.8 | 28 | 29.8 | 31.1 | 30.1 | 30.9 | 32.8 | 30.8 | 31.8 | 33.7 | 32.3 | 33.3 | 35.7 | 34 | 36.4 | 34.5 | 37.1 | 34.5 | 37.2 | 270 | |
| 275 | 21.6 | 21.8 | 24.1 | 22.7 | 24 | 25.6 | 25 | 26.6 | 27.5 | 25.9 | 27.7 | 28.9 | 28 | 28.8 | 30.4 | 28.6 | 29.6 | 31.5 | 30.2 | 31.3 | 33.4 | 31.8 | 34.3 | 32.4 | 35 | 32.5 | 35.4 | 275 | |
| 280 | | 19.9 | 22 | 20.7 | 22 | 23.5 | 23.1 | 24.6 | 25.4 | 23.9 | 25.6 | 26.8 | 26.1 | 26.8 | 28.3 | 26.7 | 27.5 | 29.3 | 28.1 | 29.2 | 31.2 | 29.8 | 32.1 | 30.3 | 33 | 30.4 | 33.4 | 280 | |
| 285 | | | | 18.8 | 20 | 21.4 | 21.2 | 22.6 | 23.4 | 22 | 23.6 | 24.7 | 24.1 | 24.8 | 26.3 | 24.7 | 25.5 | 27.1 | 26.1 | 27.1 | 29.1 | 27.7 | 30 | 28.3 | 30.9 | 28.4 | 31.4 | 285 | |
| 290 | | | | | 18.2 | 19.4 | 19.4 | 20.7 | 21.3 | 20.1 | 21.7 | 22.7 | 22.1 | 22.8 | 24.3 | 22.8 | 23.6 | 25.2 | 24.3 | 25.2 | 27.1 | | | | | | | | |



| ft | SL 295 ft | | | | | | | | | | | | | | | | | | | | | | | | | ft | | | | | | | | | |
|-----|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|------|----------|------|------|----------|------|------|------|------|-----|-----|----|----|
| | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | F 118 ft | | | F 128 ft | | | | | | | | |
| | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 18° | | 30° | 18° | 30° | 18° | 30° | | | | |
| 50 | 329 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| 55 | 323 | 303 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 55 | |
| 60 | 317 | 297 | | 281 | 262 | | | | 254 | | | | | | | | | | | | | | | | | | | | | | | | | 60 | |
| 65 | 311 | 292 | 249 | 275 | 258 | | | | 250 | 232 | | | 229 | | | | 213 | | | | | | | | | | | | | | | | | | 65 |
| 70 | 306 | 287 | 244 | 270 | 253 | 212 | | | 245 | 228 | | | 224 | 208 | | | 209 | | | | 195 | | | | 185 | | | | | | | | | 70 | |
| 75 | 300 | 282 | 240 | 266 | 249 | 208 | | | 240 | 224 | 172 | | 220 | 204 | | | 205 | 185 | | | 191 | | | | 181 | | | | | | | | | 75 | |
| 80 | 282 | 277 | 237 | 261 | 245 | 205 | 236 | | 220 | 169 | 152 | | 216 | 200 | 152 | 200 | 180 | | | 187 | 164 | | | 177 | 164 | | 154 | | | | | | | 80 | |
| 85 | 263 | 265 | 233 | 256 | 241 | 202 | 231 | 216 | 166 | 212 | 196 | 149 | 197 | 176 | 136 | 183 | 160 | | | 172 | 149 | | | 172 | 149 | | 141 | | | 134 | | 128 | | 85 | |
| 90 | 245 | 248 | 229 | 244 | 237 | 198 | 227 | 213 | 163 | 208 | 191 | 146 | 193 | 171 | 133 | 179 | 157 | 123 | 167 | 146 | | | 167 | 146 | | 137 | | | 130 | | 125 | | 90 | | |
| 95 | 229 | 231 | 225 | 229 | 232 | 195 | 223 | 209 | 160 | 204 | 187 | 143 | 188 | 167 | 131 | 174 | 153 | 121 | 163 | 142 | 111 | 133 | | 133 | | 127 | | | 102 | 95.8 | 118 | | 95 | | |
| 100 | 214 | 217 | 220 | 215 | 220 | 192 | 215 | 205 | 158 | 199 | 183 | 141 | 184 | 163 | 129 | 170 | 149 | 118 | 158 | 138 | 109 | 130 | 107 | 130 | 107 | 127 | 99.9 | 120 | 93.7 | 114 | 88.8 | | 100 | | |
| 105 | 201 | 203 | 210 | 202 | 207 | 186 | 205 | 201 | 155 | 195 | 179 | 138 | 181 | 160 | 126 | 166 | 145 | 116 | 154 | 135 | 107 | 127 | 99.9 | 120 | 107 | 127 | 99.9 | 120 | 93.7 | 114 | 88.8 | | 105 | | |
| 110 | 189 | 191 | 198 | 189 | 194 | 175 | 193 | 194 | 153 | 189 | 175 | 136 | 176 | 157 | 124 | 161 | 142 | 114 | 150 | 132 | 105 | 123 | 97.6 | 117 | 91.6 | 111 | 86.7 | 111 | 86.7 | | | | 110 | | |
| 115 | 177 | 179 | 186 | 178 | 183 | 173 | 181 | 184 | 150 | 181 | 172 | 133 | 173 | 153 | 122 | 157 | 139 | 112 | 146 | 129 | 103 | 120 | 95.6 | 114 | 89.7 | 108 | 85.1 | 108 | 85.1 | | | | 115 | | |
| 120 | 167 | 169 | 175 | 168 | 172 | 170 | 171 | 174 | 148 | 171 | 168 | 131 | 168 | 150 | 120 | 153 | 136 | 110 | 142 | 126 | 101 | 117 | 93.8 | 111 | 87.9 | 106 | 83.1 | 106 | 83.1 | | | | 120 | | |
| 125 | 157 | 159 | 165 | 158 | 163 | 166 | 162 | 164 | 145 | 162 | 164 | 129 | 162 | 147 | 118 | 150 | 133 | 108 | 139 | 123 | 99.7 | 115 | 92 | 108 | 86.1 | 103 | 81.2 | 103 | 81.2 | | | | 125 | | |
| 130 | 149 | 150 | 156 | 149 | 154 | 158 | 153 | 155 | 143 | 153 | 156 | 127 | 153 | 144 | 116 | 146 | 131 | 106 | 135 | 120 | 97.8 | 112 | 90.3 | 106 | 84.4 | 100 | 79.5 | 98 | 77.9 | | | | 130 | | |
| 135 | 141 | 142 | 148 | 141 | 145 | 150 | 144 | 147 | 141 | 145 | 147 | 126 | 145 | 141 | 114 | 142 | 128 | 105 | 132 | 118 | 95.9 | 110 | 88.6 | 103 | 82.7 | 98 | 77.9 | 98 | 77.9 | | | | 135 | | |
| 140 | 133 | 134 | 140 | 134 | 138 | 142 | 137 | 139 | 139 | 137 | 139 | 124 | 137 | 137 | 112 | 137 | 125 | 103 | 129 | 115 | 94.4 | 107 | 87 | 101 | 81.1 | 95.6 | 76.2 | 95.6 | 76.2 | | | | 140 | | |
| 145 | 125 | 127 | 132 | 127 | 130 | 134 | 130 | 132 | 136 | 130 | 132 | 122 | 130 | 132 | 111 | 130 | 123 | 102 | 126 | 113 | 93 | 105 | 85.5 | 98.6 | 79.6 | 93.1 | 74.7 | 93.1 | 74.7 | | | | 145 | | |
| 150 | 118 | 119 | 124 | 119 | 123 | 127 | 123 | 125 | 129 | 123 | 125 | 120 | 123 | 126 | 109 | 123 | 120 | 99.8 | 123 | 111 | 91.4 | 103 | 84.1 | 96.2 | 78.2 | 91 | 73.2 | 91 | 73.2 | | | | 150 | | |
| 155 | 111 | 112 | 117 | 113 | 116 | 120 | 116 | 118 | 122 | 117 | 119 | 117 | 117 | 120 | 107 | 117 | 117 | 98.3 | 117 | 109 | 90 | 101 | 82.7 | 94.3 | 76.8 | 89 | 71.8 | 89 | 71.8 | | | | 155 | | |
| 160 | 104 | 106 | 110 | 106 | 109 | 112 | 110 | 112 | 116 | 111 | 113 | 113 | 111 | 114 | 106 | 111 | 113 | 96.9 | 111 | 106 | 88.7 | 98.6 | 81.2 | 92.3 | 75.4 | 87.1 | 70.6 | 87.1 | 70.6 | | | | 160 | | |
| 165 | 98 | 99.3 | 104 | 99.8 | 103 | 106 | 103 | 105 | 109 | 105 | 107 | 109 | 106 | 108 | 104 | 106 | 108 | 95.5 | 106 | 103 | 87.3 | 96.6 | 79.8 | 90.4 | 74 | 85.1 | 69.2 | 85.1 | 69.2 | | | | 165 | | |
| 170 | 92.3 | 93.5 | 97.6 | 93.9 | 97.1 | 99.8 | 97.6 | 99.1 | 103 | 98.8 | 101 | 104 | 100 | 102 | 101 | 100 | 103 | 94 | 101 | 100 | 85.9 | 94.7 | 78.4 | 88.5 | 72.8 | 83.3 | 67.8 | 83.3 | 67.8 | | | | 170 | | |
| 175 | 86.7 | 87.9 | 92 | 88.6 | 91.5 | 94.4 | 92.2 | 93.8 | 97.2 | 93.4 | 95.1 | 99 | 94.6 | 97 | 98.3 | 95 | 97.5 | 92.6 | 95.8 | 96.7 | 84.6 | 92.6 | 77.1 | 86.7 | 71.6 | 81.5 | 66.6 | 81.5 | 66.6 | | | | 175 | | |
| 180 | 81.8 | 82.7 | 86.5 | 83.2 | 86.4 | 88.9 | 87 | 88.5 | 91.8 | 88.3 | 90 | 93.6 | 89.4 | 91.6 | 95.3 | 90 | 92.4 | 90.6 | 91.1 | 93.2 | 83.4 | 90.4 | 75.9 | 84.7 | 70.5 | 79.8 | 65.4 | 79.8 | 65.4 | | | | 180 | | |
| 185 | 77 | 77.8 | 81.6 | 78.5 | 81.3 | 84 | 82 | 83.6 | 86.7 | 83.4 | 85.1 | 88.2 | 84.7 | 86.6 | 90.5 | 85.2 | 87.4 | 88.6 | 86.4 | 88.9 | 81.9 | 88.1 | 74.9 | 82.8 | 69.3 | 78 | 64.2 | 78 | 64.2 | | | | 185 | | |
| 190 | 72.6 | 73.4 | 76.7 | 73.8 | 76.8 | 79 | 77.3 | 78.8 | 81.8 | 78.8 | 80.4 | 83.6 | 80 | 81.9 | 85.4 | 80.6 | 82.6 | 85.3 | 81.9 | 84.2 | 80.4 | 83.9 | 73.9 | 80.7 | 68.1 | 76.2 | 63 | 76.2 | 63 | | | | 190 | | |
| 195 | 68.4 | 69.2 | 72.5 | 69.7 | 72.4 | 74.6 | 73 | 74.4 | 77.1 | 74.2 | 75.9 | 79 | 75.7 | 77.4 | 80.9 | 76.1 | 78.2 | 81.4 | 77.5 | 79.6 | 78.6 | 79.6 | 72.8 | 77.7 | 67 | 74.2 | 62 | 74.2 | 62 | | | | 195 | | |
| 200 | 64.5 | 65.3 | 68.3 | 65.7 | 68.5 | 70.2 | 68.8 | 70.1 | 72.7 | 70.1 | 71.6 | 74.7 | 71.3 | 73.2 | 76.5 | 71.9 | 73.8 | 77.4 | 73.1 | 75.3 | 76.4 | 75.3 | 71.7 | 74.7 | 65.9 | 72.1 | 60.9 | 72.1 | 60.9 | | | | 200 | | |
| 205 | 60.7 | 61.4 | 64.4 | 62 | 64.5 | 66.4 | 65.1 | 66.2 | 68.6 | 65.9 | 67.6 | 70.4 | 67.4 | 69 | 72.3 | 67.8 | 69.9 | 73.2 | 69.3 | 70.9 | 74 | 71.3 | 70.6 | 71.3 | 64.9 | 69.9 | 59.9 | 69.9 | 59.9 | | | | 205 | | |
| 210 | 57.3 | 57.9 | 60.6 | 58.3 | 60.9 | 62.7 | 61.4 | 62.6 | 64.7 | 62.4 | 63.6 | 66.5 | 63.5 | 65.3 | 68.3 | 64.1 | 65.9 | 69 | 65.4 | 67.4 | 70.5 | 67.2 | 69.5 | 67.7 | 63.9 | 66.9 | 58.9 | 66.9 | 58.9 | | | | 210 | | |
| 215 | 53.9 | 54.4 | 57.2 | 55 | 57.3 | 59.1 | 58 | 59.1 | 61.2 | 58.9 | 60.2 | 62.6 | 60 | 61.5 | 64.5 | 60.5 | 62.4 | 65.7 | 62 | 63.9 | 66.9 | 63.9 | 66.8 | 64.1 | 62.9 | 63.8 | 58 | 63.8 | 58 | | | | 215 | | |
| 220 | 50.5 | 51 | 53.8 | 51.8 | 54.1 | 55.7 | 54.7 | 55.7 | 57.8 | 55.6 | 56.8 | 59.2 | 56.7 | 58.1 | 60.9 | 57.1 | 59 | 62.3 | 58.7 | 60.6 | 63.7 | 60.6 | 64 | 61.1 | 61.3 | 60.8 | 57.2 | 60.8 | 57.2 | | | | 220 | | |
| 225 | 47.3 | 47.7 | 50.4 | 48.6 | 50.9 | 52.6 | 51.7 | 52.6 | 54.5 | 52.4 | 53.6 | 55.8 | 53.5 | 54.8 | 57.5 | 54 | 55.8 | 59 | 55.5 | 57.3 | 60.6 | 57.5 | 61 | 58 | 59.5 | 57.7 | 55.9 | 57.7 | 55.9 | | | | 225 | | |
| 230 | 44.3 | 44.7 | 47.3 | 45.4 | 47.8 | 49.4 | 48.7 | 49.6 | 51.4 | 49.5 | 50.4 | 52.7 | 50.5 | 51.7 | 54.3 | 50.9 | 52.6 | 55.6 | 52.4 | 54.2 | 57.5 | 54.4 | 58.1 | 55 | 57.5 | 54.6 | 54.6 | 54.6 | 54.6 | | | | 230 | | |
| 235 | 41.5 | 41.8 | 44.3 | 42.6 | 44.8 | 46.3 | 45.6 | 46.6 | 48.4 | 46.6 | 47.6 | 49.6 | 47.6 | 48.7 | 51.2 | 48 | 49.5 | 52.5 | 49.4 | 51.2 | 54.4 | 51.4 | 55.1 | 52 | 55.1 | 51.8 | 53.3 | 53.3 | | | | 235 | | | |
| 240 | 38.7 | 39.1 | 41.5 | 39.8 | 41.9 | 43.3 | 42.8 | 43.6 | 45.5 | 43.8 | 44.8 | 46.8 | 45 | 46 | 48.3 | 45.1 | 46.6 | 49.5 | 46.6 | 48.3 | 51.4 | 48.6 | 52.2 | 49.1 | 52.8 | 48.9 | 51.7 | 48.9 | 51.7 | | | | 240 | | |
| 245 | 35.9 | 36.5 | 38.8 | 37.3 | 39.3 | 40.5 | 40.1 | 40.9 | 42.5 | 40.9 | 42 | 44 | 42.4 | 43.4 | 45.4 | 42.4 | 43.8 | 46.6 | 43.7 | 45.6 | 48.5 | 45.8 | 49.2 | 46.5 | 50 | 46 | 50.2 | 46 | 50.2 | | | | 245 | | |
| 250 | 33.4 | 33.9 | 36.1 | 34.8 | 36.7 | 38 | 37.6 | 38.2 | 39.8 | 38.4 | 39.2 | 41.3 | 39.7 | 40.8 | 42.5 | 39.7 | 41.1 | 43.7 | 41.2 | 42.8 | 45.6 | 42.9 | 46.5 | 43.8 | 47.3 | 43 | 47.6 | 43 | 47.6 | | | | 250 | | |
| 255 | 31.1 | 31.6 | 33.7 | 32.2 | 34.2 | 35.4 | 35.2 | 35.8 | 37.2 | 35.8 | 36.7 | 38.6 | 37.2 | 38.3 | 39.8 | 37.5 | 38.6 | 41.1 | 38.6 | 40.3 | 42.6 | 40 | 43.8 | 41.1 | 44.3 | 39.9 | 44.9 | 39.9 | 44.9 | | | | 255 | | |
| 260 | 29 | 29.4 | 31.3 | 30 | 31.8 | 32.9 | 32.8 | 33.4 | 34.8 | 33.6 | 34.3 | 36.1 | 34.8 | 35.8 | 37.6 | 35.2 | 36.3 | 38.5 | 36.4 | 37.7 | 39.7 | 37.8 | 41 | 38.3 | 41.1 | 37.9 | 42.2 | 37.9 | 42.2 | | | | 260 | | |
| 265 | 26.8 | 27.2 | 29.1 | 27.9 | 29.6 | 30.6 | 30.4 | 31 | 32.4 | 31.3 | 32.1 | 33.7 | 32.5 | 33.4 | 35.4 | 32.9 | 34 | 36.2 | 34.2 | 35.5 | 37.7 | 35.8 | 38.2 | 36.1 | 38.6 | 35.9 | 39.3 | | | | | | | | |



| ft | SL 315 ft | | | | | | | | | | | | | | | | | | | | ft | | | | | | |
|-----|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|----------|------|------|------|-----|-----|
| | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | F 79 ft | | | F 89 ft | | | F 98 ft | | | F 108 ft | | | | | |
| | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | | 30° | 18° | 30° | | | |
| 55 | 293 | | | | | | | | | | | | | | | | | | | | | | | 55 | | | |
| 60 | 287 | 269 | | | 256 | | | | | | | | | | | | | | | | | | | 60 | | | |
| 65 | 281 | 263 | 235 | 250 | 234 | | 226 | | | | 207 | | | | | | | | | | | | | 65 | | | |
| 70 | 275 | 258 | 231 | 245 | 229 | 203 | 221 | 206 | | | 202 | 187 | | | 187 | | | | 175 | | | | | 70 | | | |
| 75 | 269 | 253 | 227 | 239 | 224 | 199 | 216 | 202 | 171 | 197 | 183 | | | 183 | | | | | 171 | | | 162 | | 75 | | | |
| 80 | 262 | 248 | 224 | 234 | 220 | 196 | 211 | 197 | 168 | 193 | 180 | | | 179 | 166 | | | | 167 | 154 | | 158 | | 80 | | | |
| 85 | 253 | 243 | 220 | 229 | 216 | 193 | 207 | 194 | 165 | 189 | 176 | 147 | 175 | 162 | | | | | 163 | 151 | | 155 | 143 | 135 | 85 | | |
| 90 | 236 | 236 | 216 | 224 | 211 | 190 | 202 | 190 | 162 | 185 | 172 | 145 | 171 | 159 | 132 | | | | 160 | 148 | | 151 | 140 | 132 | 90 | | |
| 95 | 220 | 223 | 212 | 220 | 207 | 186 | 198 | 186 | 160 | 181 | 169 | 142 | 167 | 156 | 130 | 156 | 145 | 120 | 148 | 137 | | 129 | | 129 | 95 | | |
| 100 | 206 | 209 | 208 | 209 | 203 | 183 | 194 | 182 | 157 | 177 | 166 | 140 | 164 | 152 | 128 | 153 | 142 | 118 | 144 | 134 | 108 | 126 | 101 | 100 | 100 | | |
| 105 | 193 | 195 | 201 | 196 | 197 | 179 | 190 | 179 | 155 | 173 | 162 | 138 | 160 | 150 | 126 | 149 | 139 | 116 | 141 | 131 | 107 | 124 | 98.8 | 105 | 105 | | |
| 110 | 181 | 183 | 191 | 184 | 187 | 176 | 183 | 175 | 152 | 169 | 159 | 136 | 157 | 147 | 123 | 146 | 136 | 114 | 138 | 128 | 105 | 121 | 97.1 | 110 | 110 | | |
| 115 | 170 | 172 | 179 | 173 | 176 | 173 | 174 | 171 | 150 | 166 | 156 | 133 | 153 | 144 | 121 | 143 | 134 | 112 | 135 | 126 | 103 | 119 | 95.2 | 115 | 115 | | |
| 120 | 160 | 162 | 169 | 163 | 166 | 170 | 164 | 166 | 148 | 162 | 153 | 131 | 150 | 141 | 119 | 140 | 131 | 110 | 132 | 123 | 101 | 116 | 93.2 | 120 | 120 | | |
| 125 | 150 | 152 | 159 | 154 | 156 | 161 | 155 | 158 | 146 | 155 | 150 | 129 | 147 | 138 | 118 | 137 | 128 | 108 | 129 | 121 | 99 | 114 | 91.6 | 125 | 125 | | |
| 130 | 142 | 143 | 150 | 145 | 147 | 152 | 146 | 149 | 144 | 146 | 147 | 128 | 144 | 136 | 116 | 134 | 126 | 106 | 126 | 118 | 97.3 | 111 | 90.1 | 130 | 130 | | |
| 135 | 134 | 135 | 141 | 137 | 139 | 143 | 138 | 140 | 141 | 138 | 141 | 126 | 139 | 133 | 114 | 131 | 123 | 105 | 124 | 116 | 95.8 | 109 | 88.4 | 135 | 135 | | |
| 140 | 126 | 128 | 133 | 129 | 131 | 135 | 130 | 133 | 138 | 131 | 133 | 124 | 131 | 130 | 112 | 128 | 121 | 103 | 121 | 114 | 94.2 | 107 | 86.8 | 140 | 140 | | |
| 145 | 119 | 121 | 126 | 122 | 124 | 128 | 123 | 126 | 130 | 124 | 126 | 122 | 124 | 126 | 111 | 123 | 119 | 102 | 119 | 111 | 92.7 | 105 | 85.3 | 145 | 145 | | |
| 150 | 112 | 114 | 119 | 116 | 117 | 121 | 117 | 119 | 123 | 117 | 119 | 120 | 118 | 120 | 109 | 117 | 116 | 100 | 115 | 109 | 91.3 | 103 | 83.9 | 150 | 150 | | |
| 155 | 106 | 108 | 113 | 109 | 111 | 115 | 111 | 112 | 117 | 111 | 113 | 116 | 111 | 114 | 108 | 111 | 113 | 98.6 | 111 | 107 | 90.1 | 101 | 82.6 | 155 | 155 | | |
| 160 | 100 | 102 | 106 | 103 | 105 | 109 | 105 | 107 | 110 | 105 | 107 | 112 | 105 | 108 | 106 | 105 | 108 | 97.3 | 106 | 105 | 88.7 | 98.6 | 81.4 | 160 | 160 | | |
| 165 | 94.3 | 95.7 | 100 | 97.5 | 99.3 | 103 | 99.1 | 101 | 105 | 99.5 | 102 | 106 | 100 | 102 | 104 | 99.6 | 102 | 95.9 | 100 | 102 | 87.3 | 96.5 | 80 | 165 | 165 | | |
| 170 | 88.5 | 90 | 93.9 | 92 | 93.7 | 96.8 | 93.9 | 95.5 | 99.3 | 94.2 | 96.2 | 100 | 94.8 | 97.1 | 101 | 94.7 | 97 | 94.5 | 95.1 | 97.9 | 86.1 | 94.1 | 78.8 | 170 | 170 | | |
| 175 | 83.2 | 84.3 | 88.5 | 86.7 | 88.4 | 91 | 88.6 | 90.3 | 93.8 | 89.3 | 91.1 | 95.2 | 89.8 | 92.1 | 96.3 | 89.7 | 92.1 | 92.3 | 90.4 | 92.9 | 84.9 | 91.2 | 77.6 | 175 | 175 | | |
| 180 | 78.1 | 79.3 | 83.1 | 81.5 | 83.2 | 85.7 | 83.6 | 85.2 | 88.6 | 84.4 | 86.3 | 90.2 | 85.2 | 87.2 | 91.6 | 85 | 87.4 | 89.3 | 85.7 | 88.3 | 83.6 | 87.6 | 76.5 | 180 | 180 | | |
| 185 | 73.2 | 74.1 | 78.3 | 76.8 | 78.2 | 80.7 | 78.6 | 80.3 | 83.3 | 79.7 | 81.4 | 85.3 | 80.6 | 82.8 | 86.9 | 80.6 | 82.8 | 85.9 | 81.3 | 83.8 | 81.9 | 83.4 | 75.4 | 185 | 185 | | |
| 190 | 68.7 | 69.7 | 73.4 | 72 | 73.5 | 75.9 | 74 | 75.5 | 78.7 | 75.1 | 77 | 80.4 | 76.3 | 78.3 | 82.2 | 76.3 | 78.6 | 82.3 | 77.2 | 79.4 | 80 | 79.1 | 74.3 | 190 | 190 | | |
| 195 | 64.4 | 65.3 | 69.1 | 67.8 | 69 | 71.4 | 69.5 | 71.1 | 74 | 70.7 | 72.5 | 75.7 | 72 | 74 | 77.6 | 72.3 | 74.4 | 78.6 | 73 | 75.4 | 77.8 | 75.1 | 73.1 | 195 | 195 | | |
| 200 | 60.5 | 61.3 | 64.9 | 63.6 | 64.9 | 67 | 65.3 | 66.6 | 69.7 | 66.5 | 68.3 | 71.4 | 67.8 | 69.6 | 73 | 68.3 | 70.4 | 74.1 | 69.3 | 71.3 | 75.6 | 71.2 | 71.8 | 200 | 200 | | |
| 205 | 56.6 | 57.4 | 61.1 | 59.7 | 60.8 | 63.1 | 61.5 | 62.8 | 65.4 | 62.4 | 64.2 | 67.1 | 63.8 | 65.6 | 69.1 | 64.5 | 66.5 | 69.7 | 65.6 | 67.6 | 71.7 | 67.4 | 70.5 | 205 | 205 | | |
| 210 | 53 | 53.8 | 57.3 | 56 | 57.1 | 59.2 | 57.7 | 59 | 61.5 | 58.8 | 60.3 | 63.2 | 59.9 | 61.7 | 65.1 | 60.9 | 62.7 | 66 | 62 | 64 | 67.6 | 64 | 67.6 | 210 | 210 | | |
| 215 | 49.5 | 50.2 | 53.7 | 52.5 | 53.5 | 55.6 | 54.3 | 55.5 | 57.9 | 55.2 | 56.7 | 59.3 | 56.4 | 58 | 61.4 | 57.2 | 59.1 | 62.5 | 58.6 | 60.5 | 64 | 60.7 | 64.3 | 215 | 215 | | |
| 220 | 46.4 | 47 | 50.2 | 49.1 | 50.1 | 52 | 50.8 | 52 | 54.3 | 52 | 53.2 | 55.9 | 52.9 | 54.6 | 57.7 | 53.9 | 55.6 | 59.1 | 55.1 | 57.2 | 60.8 | 57.4 | 61.2 | 220 | 220 | | |
| 225 | 43.3 | 44 | 47.1 | 46 | 46.8 | 48.7 | 47.6 | 48.8 | 51 | 48.7 | 50 | 52.4 | 49.8 | 51.2 | 54.3 | 50.6 | 52.3 | 55.8 | 51.9 | 53.9 | 57.5 | 54.2 | 58.1 | 225 | 225 | | |
| 230 | 40.2 | 41 | 44 | 43.1 | 43.9 | 45.5 | 44.5 | 45.6 | 47.8 | 45.7 | 46.8 | 49.3 | 46.8 | 48.2 | 51 | 47.5 | 49 | 52.4 | 48.7 | 50.8 | 54.4 | 51 | 55.1 | 230 | 230 | | |
| 235 | 37.2 | 37.9 | 40.9 | 40.2 | 41 | 42.7 | 41.8 | 42.6 | 44.7 | 42.7 | 43.9 | 46.2 | 43.8 | 45.2 | 47.9 | 44.6 | 45.8 | 49.3 | 45.6 | 47.7 | 51.2 | 48 | 52 | 235 | 235 | | |
| 240 | 34.6 | 35.2 | 37.9 | 37.3 | 38.2 | 39.9 | 39.1 | 40 | 41.7 | 40 | 40.8 | 43.3 | 41 | 42.3 | 45 | 41.7 | 42.7 | 46.1 | 42.5 | 44.7 | 48.2 | 45.1 | 49 | 240 | 240 | | |
| 245 | 32 | 32.5 | 35.2 | 34.6 | 35.4 | 37.1 | 36.4 | 37.3 | 39.1 | 37.4 | 38.3 | 40.4 | 38.3 | 39.6 | 42.1 | 39 | 39.8 | 43.1 | 39.6 | 41.7 | 45.2 | 42.2 | 45.9 | 245 | 245 | | |
| 250 | 29.6 | 30.2 | 32.6 | 32 | 32.8 | 34.4 | 33.6 | 34.6 | 36.4 | 34.8 | 35.8 | 37.8 | 35.9 | 37 | 39.4 | 36.3 | 37.6 | 40.1 | 37.4 | 38.7 | 42.3 | 39.5 | 42.6 | 250 | 250 | | |
| 255 | 27.3 | 27.8 | 30.2 | 29.7 | 30.3 | 31.8 | 31.2 | 32 | 33.8 | 32.2 | 33.3 | 35.3 | 33.5 | 34.6 | 36.7 | 34 | 35.3 | 37.5 | 35.2 | 36.5 | 39.5 | 36.7 | 39.3 | 255 | 255 | | |
| 260 | 24.9 | 25.5 | 27.8 | 27.4 | 28 | 29.4 | 28.8 | 29.6 | 31.2 | 29.8 | 30.7 | 32.8 | 31 | 32.2 | 34.4 | 31.6 | 33 | 35.3 | 33.1 | 34.3 | 36.8 | 34.5 | 37.2 | 260 | 260 | | |
| 265 | 22.8 | 23.2 | 25.4 | 25.1 | 25.7 | 27 | 26.7 | 27.4 | 28.8 | 27.5 | 28.4 | 30.2 | 28.6 | 29.8 | 32 | 29.3 | 30.7 | 33.1 | 30.9 | 32.2 | 34.6 | 32.2 | 35.1 | 265 | 265 | | |
| 270 | 20.7 | 21.1 | 23.3 | 22.8 | 23.4 | 24.7 | 24.5 | 25.2 | 26.6 | 25.4 | 26.1 | 27.9 | 26.5 | 27.5 | 29.6 | 27 | 28.4 | 30.8 | 28.7 | 30 | 32.5 | 30.1 | 33 | 270 | 270 | | |
| 275 | 18.7 | 19.1 | 21.2 | 20.9 | 21.4 | 22.4 | 22.3 | 23 | 24.4 | 23.3 | 24.1 | 25.6 | 24.3 | 25.3 | 27.2 | 24.9 | 26.1 | 28.5 | 26.5 | 27.9 | 30.4 | 28.1 | 30.7 | 275 | 275 | | |
| 280 | 16.7 | 17.1 | 19.1 | 19 | 19.4 | 20.4 | 20.3 | 20.9 | 22.2 | 21.3 | 22.1 | 23.6 | 22.4 | 23.2 | 25.1 | 22.8 | 24 | 26.2 | 24.4 | 25.7 | 28.2 | 26 | 28.6 | 280 | 280 | | |
| 285 | 14.7 | 15.1 | 17.1 | 17.1 | 17.5 | 18.4 | 18.5 | 19 | 20.1 | 19.3 | 20.1 | 21.6 | 20.5 | 21.4 | 23 | 20.9 | 21.9 | 24 | 22.4 | 23.6 | 26.1 | 24 | 26.7 | 285 | 285 | | |
| 290 | 13.1 | 13.4 | 15.1 | 15.2 | 15.7 | 16.5 | 16.7 | 17.2 | 18.2 | 17.5 | 18.1 | 19.6 | 18.6 | 19.5 | 21.1 | 19.1 | 20 | 22 | 20.5 | 21.7 | 24 | 22 | 24.7 | 290 | 290 | | |
| 295 | 11.4 | 11.7 | 13.4 | 13.4 | 13.8 | 14.6 | 14.9 | 15.4 | 16.4 | 15.7 | 16.4 | 17.6 | 16.7 | 17.6 | 19.2 | 17.3 | 18.2 | 20.1 | 18.7 | 19.8 | 22.1 | 20.2 | 22.7 | 295 | 295 | | |
| 300 | | | | | | | 13.2 | 13.7 | 14.6 | 14 | 14.6 | 15.8 | 15 | 15.8 | 17.3 | 15.5 | 16.4 | 18.2 | 17 | 18.1 | 20.1 | 18.3 | 20.8 | 300 | 300 | | |
| 305 | | | | | | 11.1 | 11.6 | 11.9 | 12.9 | 12.3 | 12.9 | 14.1 | 13.4 | 14.1 | 15.5 | 13.8 | 14.6 | 16.4 | 15.2 | 16.3 | 18.3 | 16.7 | 19 | 305 | 305 | | |
| 310 | | | | | | | | | | | 11.2 | | 11.2 | 12.3 | 11.8 | 12.4 | 13.7 | 12.2 | 13 | 14.6 | 13.5 | 14.6 | 16.6 | 15 | 17.2 | 310 | 310 |
| 315 | | | | | | | | | | | | | | | | 12.1 | | 11.4 | 12.9 | 12 | 12.9 | 14.8 | 13.4 | 15.5 | 315 | 315 | |
| 320 | | | | | | | | | | | | | | | | | | 11.3 | | 11.4 | 13 | 11.7 | 13.9 | 320 | 320 | | |
| 325 | | | | | | | | | | | | | | | | | | | | | 11.5 | | 12.2 | 325 | 325 | | |

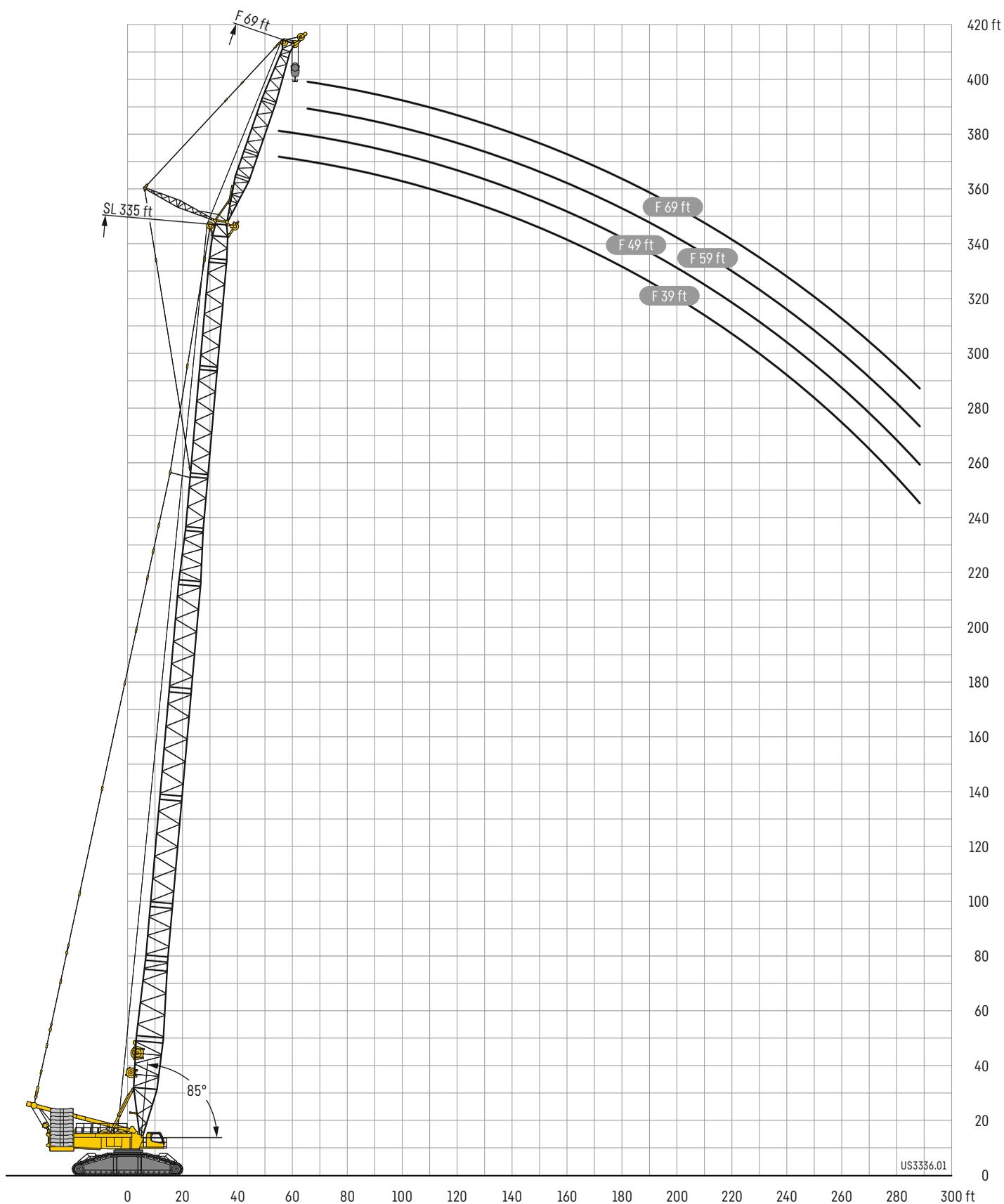


| ft | SL 335 ft | | | | | | | | | | | | ft |
|-----|-----------|------|------|---------|------|------|---------|------|------|---------|------|------|-----|
| | F 39 ft | | | F 49 ft | | | F 59 ft | | | F 69 ft | | | |
| | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | 12° | 18° | 30° | |
| 55 | 264 | | | | | | | | | | | | 55 |
| 60 | 259 | 245 | | 233 | | | | | | | | | 60 |
| 65 | 254 | 241 | 217 | 229 | 215 | | 207 | | | | | | 65 |
| 70 | 249 | 237 | 214 | 224 | 211 | | 203 | 191 | | 186 | | | 70 |
| 75 | 244 | 232 | 211 | 220 | 207 | 186 | 199 | 188 | | 183 | 171 | | 75 |
| 80 | 239 | 228 | 207 | 216 | 203 | 183 | 196 | 184 | 164 | 179 | 168 | | 80 |
| 85 | 235 | 224 | 204 | 211 | 200 | 180 | 192 | 181 | 162 | 176 | 165 | | 85 |
| 90 | 228 | 220 | 201 | 207 | 196 | 177 | 188 | 177 | 159 | 172 | 162 | 144 | 90 |
| 95 | 214 | 214 | 197 | 203 | 192 | 174 | 184 | 174 | 156 | 169 | 159 | 142 | 95 |
| 100 | 200 | 205 | 194 | 198 | 188 | 171 | 181 | 171 | 153 | 166 | 156 | 139 | 100 |
| 105 | 187 | 192 | 190 | 189 | 184 | 168 | 177 | 167 | 151 | 162 | 153 | 137 | 105 |
| 110 | 175 | 180 | 184 | 179 | 180 | 165 | 173 | 164 | 148 | 159 | 150 | 135 | 110 |
| 115 | 165 | 169 | 174 | 168 | 171 | 162 | 167 | 161 | 146 | 156 | 147 | 132 | 115 |
| 120 | 155 | 159 | 164 | 158 | 161 | 159 | 159 | 157 | 143 | 152 | 144 | 130 | 120 |
| 125 | 145 | 150 | 154 | 149 | 151 | 156 | 150 | 152 | 141 | 148 | 141 | 128 | 125 |
| 130 | 137 | 141 | 145 | 140 | 143 | 147 | 141 | 144 | 139 | 142 | 138 | 126 | 130 |
| 135 | 129 | 133 | 137 | 132 | 134 | 139 | 134 | 136 | 136 | 134 | 136 | 124 | 135 |
| 140 | 121 | 125 | 129 | 125 | 127 | 131 | 126 | 128 | 132 | 126 | 129 | 122 | 140 |
| 145 | 114 | 118 | 122 | 118 | 120 | 124 | 119 | 121 | 126 | 119 | 122 | 120 | 145 |
| 150 | 108 | 112 | 115 | 111 | 113 | 117 | 112 | 115 | 119 | 113 | 115 | 118 | 150 |
| 155 | 102 | 106 | 109 | 105 | 107 | 111 | 106 | 108 | 113 | 107 | 109 | 113 | 155 |
| 160 | 95.9 | 99.6 | 103 | 99.4 | 101 | 104 | 101 | 102 | 107 | 101 | 103 | 108 | 160 |
| 165 | 90.5 | 94.2 | 97 | 93.7 | 95.4 | 98.9 | 95.1 | 97 | 101 | 95.4 | 97.5 | 102 | 165 |
| 170 | 85.2 | 88.9 | 91.7 | 88.7 | 90.2 | 93.5 | 89.7 | 91.7 | 95.4 | 90.3 | 92.3 | 96.5 | 170 |
| 175 | 80.4 | 83.7 | 86.5 | 83.6 | 85.2 | 88.3 | 85 | 86.6 | 90.4 | 85.2 | 87.4 | 91.4 | 175 |
| 180 | 75.6 | 78.7 | 81.4 | 78.9 | 80.3 | 83.4 | 80.2 | 82 | 85.4 | 80.7 | 82.5 | 86.6 | 180 |
| 185 | 71 | 73.8 | 76.4 | 74.4 | 75.8 | 78.5 | 75.8 | 77.4 | 80.8 | 76.3 | 78.1 | 82 | 185 |
| 190 | 66.4 | 69.2 | 71.6 | 69.9 | 71.2 | 74 | 71.6 | 73.1 | 76.4 | 72 | 73.8 | 77.5 | 190 |
| 195 | 62.1 | 64.5 | 67.1 | 65.6 | 66.9 | 69.5 | 67.3 | 69 | 72.1 | 68.1 | 69.7 | 73.3 | 195 |
| 200 | 58 | 60.6 | 62.7 | 61.4 | 62.7 | 65.3 | 63.3 | 64.9 | 67.9 | 64.1 | 65.9 | 69.1 | 200 |
| 205 | 54.1 | 56.6 | 58.8 | 57.5 | 58.7 | 61.2 | 59.3 | 60.9 | 63.7 | 60.4 | 62 | 65.2 | 205 |
| 210 | 50.6 | 53 | 54.8 | 53.7 | 54.8 | 57.2 | 55.6 | 56.8 | 59.8 | 56.6 | 58.3 | 61.4 | 210 |
| 215 | 47.2 | 49.5 | 51.3 | 50.3 | 51.1 | 53.5 | 52 | 53.3 | 56 | 53 | 54.6 | 57.7 | 215 |
| 220 | 44 | 46.2 | 47.9 | 47 | 47.9 | 49.9 | 48.6 | 49.7 | 52.4 | 49.6 | 51.1 | 54.1 | 220 |
| 225 | 40.7 | 43 | 44.7 | 43.9 | 44.7 | 46.7 | 45.4 | 46.5 | 48.9 | 46.1 | 47.7 | 50.6 | 225 |
| 230 | 37.9 | 40 | 41.5 | 40.9 | 41.8 | 43.6 | 42.3 | 43.4 | 45.6 | 43.2 | 44.5 | 47.4 | 230 |
| 235 | 35.1 | 37.3 | 38.7 | 38 | 38.8 | 40.7 | 39.5 | 40.5 | 42.6 | 40.2 | 41.6 | 44.1 | 235 |
| 240 | 32.3 | 34.5 | 35.9 | 35.3 | 36.1 | 37.7 | 36.6 | 37.7 | 39.7 | 37.4 | 38.6 | 41.2 | 240 |
| 245 | 29.5 | 31.8 | 33.2 | 32.6 | 33.5 | 35.1 | 34.1 | 34.9 | 36.9 | 34.7 | 36 | 38.3 | 245 |
| 250 | 27 | 29.2 | 30.5 | 30 | 30.8 | 32.5 | 31.6 | 32.5 | 34.2 | 32.2 | 33.3 | 35.6 | 250 |
| 255 | 24.6 | 26.7 | 28 | 27.4 | 28.2 | 29.9 | 29.1 | 30 | 31.8 | 29.9 | 30.9 | 33 | 255 |
| 260 | 22.4 | 24.4 | 25.5 | 25 | 25.8 | 27.2 | 26.6 | 27.6 | 29.4 | 27.6 | 28.6 | 30.5 | 260 |
| 265 | 20.3 | 22.3 | 23.3 | 22.7 | 23.4 | 24.9 | 24.3 | 25.1 | 26.9 | 25.4 | 26.4 | 28.3 | 265 |
| 270 | 18.2 | 20.1 | 21.2 | 20.7 | 21.3 | 22.5 | 22.1 | 22.9 | 24.5 | 23.1 | 24.1 | 26 | 270 |
| 275 | 16.1 | 18 | 19 | 18.7 | 19.3 | 20.5 | 20.1 | 20.7 | 22.3 | 21 | 21.9 | 23.8 | 275 |
| 280 | 14.2 | 16 | 16.9 | 16.7 | 17.3 | 18.4 | 18.2 | 18.8 | 20.1 | 18.9 | 19.9 | 21.6 | 280 |
| 285 | 12.4 | 14.1 | 15 | 14.7 | 15.2 | 16.4 | 16.3 | 16.9 | 18.2 | 17.1 | 17.9 | 19.5 | 285 |
| 290 | | 12.4 | 13.2 | 13 | 13.5 | 14.4 | 14.4 | 15.1 | 16.3 | 15.2 | 16 | 17.5 | 290 |
| 295 | | | 11.3 | 11.2 | 11.7 | 12.6 | 12.6 | 13.2 | 14.4 | 13.4 | 14.2 | 15.7 | 295 |
| 300 | | | | | | | | 11.5 | 12.6 | 11.6 | 12.3 | 13.8 | 300 |
| 305 | | | | | | | | | | | | 12 | 305 |

Lifting heights

Hauteurs de levage

SLF

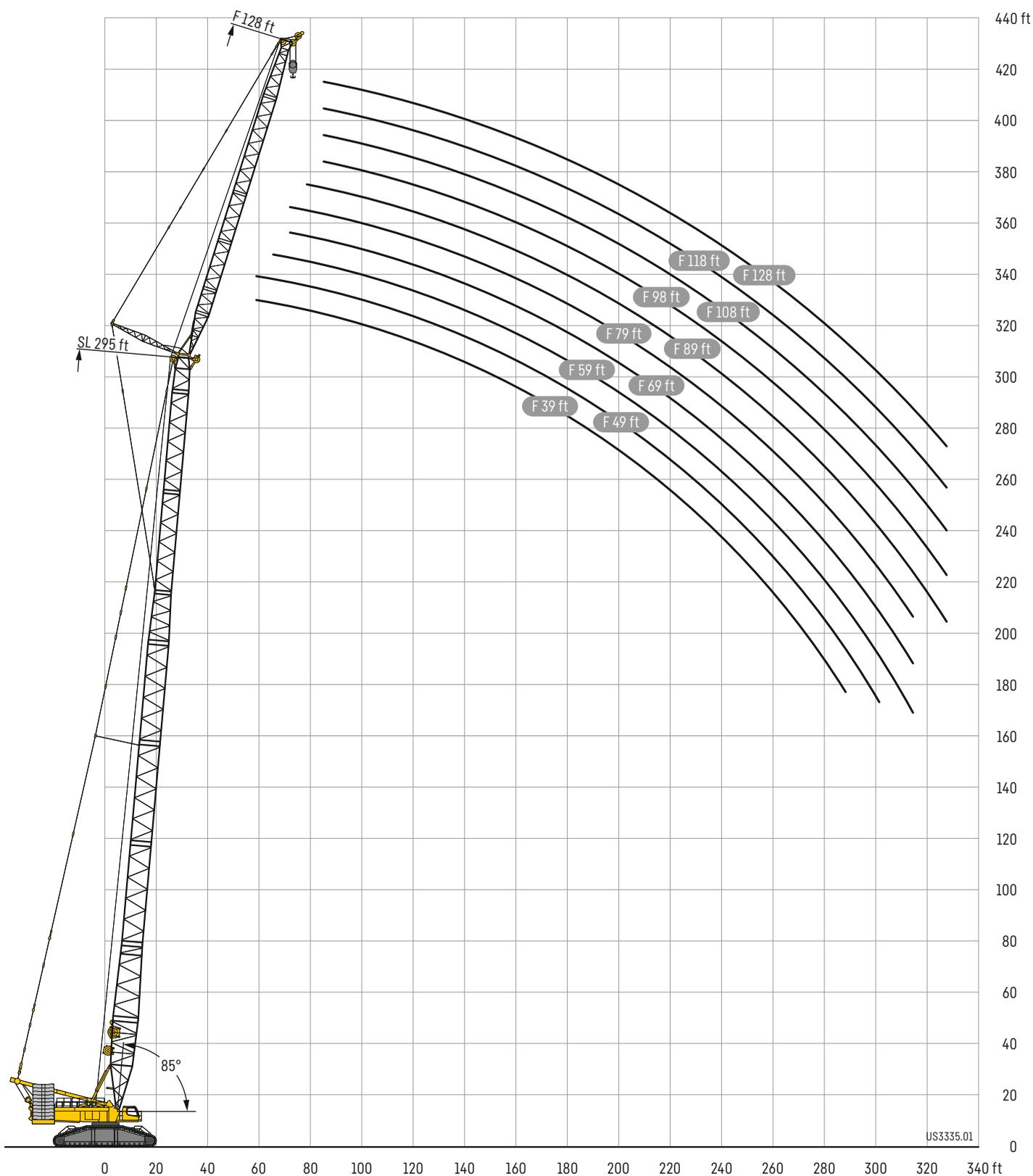


US3336.01

Lifting heights

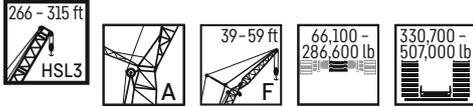
Hauteurs de levage

SLF

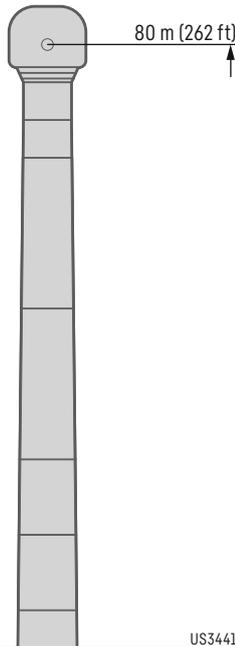


HSL3AF

HSL3 266 – 315 ft

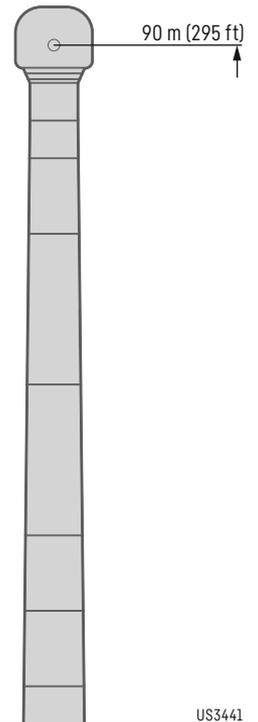


| ft | HSL3A 266 ft | | | HSL3A 276 ft | | |
|-----|--------------|---------|---------|--------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | | | | |
| 50 | 408 | | | 408 | | |
| 55 | 408 | 376 | | 408 | 377 | |
| 60 | 408 | 363 | 310 | 408 | 364 | 312 |
| 65 | 392 | 351 | 300 | 389 | 353 | 302 |
| 70 | 362 | 340 | 291 | 358 | 342 | 291 |
| 75 | 335 | 329 | 282 | 331 | 330 | 283 |
| 80 | 310 | 312 | 273 | 308 | 307 | 275 |
| 85 | 289 | 291 | 265 | 286 | 286 | 267 |
| 90 | 270 | 272 | 258 | 267 | 267 | 259 |
| 95 | 252 | 255 | 251 | 250 | 250 | 250 |
| 100 | 236 | 239 | 240 | 234 | 235 | 237 |
| 105 | 220 | 223 | 226 | 219 | 220 | 223 |
| 110 | 204 | 208 | 212 | 204 | 206 | 210 |
| 115 | 191 | 194 | 198 | 190 | 192 | 196 |
| 120 | 179 | 182 | 186 | 178 | 179 | 184 |
| 125 | 167 | 171 | 174 | 167 | 168 | 172 |
| 130 | 157 | 160 | 164 | 157 | 158 | 162 |
| 135 | 147 | 151 | 154 | 146 | 149 | 152 |
| 140 | 138 | 141 | 145 | 138 | 139 | 143 |
| 145 | 130 | 133 | 137 | 129 | 131 | 135 |
| 150 | 122 | 125 | 129 | 122 | 123 | 127 |
| 155 | 115 | 118 | 122 | 115 | 116 | 120 |
| 160 | 108 | 112 | 115 | 108 | 110 | 113 |
| 165 | 102 | 105 | 109 | 102 | 104 | 107 |
| 170 | 96.6 | 99.6 | 103 | 96 | 97.6 | 101 |
| 175 | 91.4 | 94.1 | 97.4 | 90.4 | 92.1 | 95.5 |
| 180 | 86.4 | 89.1 | 92.3 | 85.6 | 86.9 | 90.2 |
| 185 | 81.7 | 84.3 | 87.3 | 80.9 | 82.2 | 85.4 |
| 190 | 77.4 | 79.9 | 82.9 | 76.4 | 77.6 | 80.7 |
| 195 | 73.3 | 75.6 | 78.6 | 72.3 | 73.5 | 76.5 |
| 200 | 69.2 | 71.8 | 74.5 | 68.4 | 69.3 | 72.4 |
| 205 | 65.3 | 68 | 70.8 | 64.6 | 65.8 | 68.6 |
| 210 | 61.7 | 64.2 | 67.2 | 60.8 | 62.2 | 64.9 |
| 215 | 58.4 | 60.8 | 63.7 | 57.4 | 58.6 | 61.6 |
| 220 | 55.2 | 57.4 | 60.2 | 54.1 | 55.3 | 58.3 |
| 225 | 52 | 54.4 | 57.1 | 51.1 | 52.1 | 54.9 |
| 230 | 49.2 | 51.4 | 54 | 48.1 | 49.2 | 51.9 |
| 235 | 46.4 | 48.4 | 51.2 | 45.2 | 46.4 | 49 |
| 240 | 43.8 | 45.8 | 48.4 | 42.6 | 43.6 | 46.4 |
| 245 | 41.2 | 43.3 | 45.7 | 40.1 | 41 | 43.7 |
| 250 | 38.8 | 40.8 | 43.3 | 37.5 | 38.6 | 41 |
| 255 | 36.6 | 38.3 | 40.9 | 35 | 36.3 | 38.7 |
| 260 | 34.4 | 36.1 | 38.6 | 33 | 33.9 | 36.4 |
| 265 | 32.2 | 34 | 36.4 | 30.9 | 31.7 | 34.2 |
| 270 | 30.3 | 32 | 34.3 | 28.8 | 29.7 | 32 |
| 275 | | 29.9 | 32.3 | 26.9 | 27.8 | 29.9 |
| 280 | | 28.1 | 30.2 | | 25.8 | 28.1 |
| 285 | | | 28.3 | | 24 | 26.2 |
| 290 | | | 26.5 | | | 24.3 |
| 295 | | | | | | 22.6 |



US3441

| ft | HSL3A 305 ft | | | HSL3A 315 ft | | |
|-----|--------------|---------|---------|--------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | | | | |
| 55 | 408 | | | 408 | | |
| 60 | 400 | 367 | | 395 | 367 | |
| 65 | 367 | 356 | 304 | 364 | 357 | 304 |
| 70 | 338 | 339 | 295 | 335 | 335 | 296 |
| 75 | 312 | 315 | 287 | 310 | 310 | 287 |
| 80 | 289 | 292 | 279 | 287 | 288 | 280 |
| 85 | 269 | 272 | 271 | 267 | 267 | 270 |
| 90 | 251 | 254 | 257 | 249 | 249 | 253 |
| 95 | 234 | 237 | 240 | 233 | 233 | 236 |
| 100 | 219 | 222 | 225 | 218 | 218 | 222 |
| 105 | 205 | 208 | 211 | 204 | 205 | 208 |
| 110 | 193 | 196 | 199 | 192 | 192 | 196 |
| 115 | 181 | 184 | 188 | 180 | 181 | 184 |
| 120 | 169 | 173 | 177 | 169 | 170 | 174 |
| 125 | 158 | 162 | 166 | 158 | 160 | 164 |
| 130 | 148 | 151 | 156 | 148 | 150 | 154 |
| 135 | 138 | 142 | 146 | 138 | 140 | 144 |
| 140 | 130 | 133 | 137 | 130 | 131 | 135 |
| 145 | 121 | 125 | 129 | 121 | 123 | 127 |
| 150 | 113 | 117 | 121 | 113 | 116 | 120 |
| 155 | 106 | 110 | 114 | 106 | 108 | 113 |
| 160 | 99.7 | 103 | 107 | 99.5 | 102 | 106 |
| 165 | 93.7 | 96.9 | 101 | 93.5 | 95.3 | 99.2 |
| 170 | 87.9 | 91.4 | 94.8 | 87.8 | 89.4 | 93.4 |
| 175 | 82.5 | 85.8 | 89.5 | 82.4 | 84.1 | 87.7 |
| 180 | 77.3 | 80.8 | 84.3 | 77.3 | 78.9 | 82.7 |
| 185 | 72.5 | 75.7 | 79.4 | 72.4 | 74.2 | 77.7 |
| 190 | 68 | 71.2 | 74.7 | 67.9 | 69.4 | 73.2 |
| 195 | 63.9 | 66.8 | 70.3 | 63.6 | 65.2 | 68.6 |
| 200 | 59.9 | 62.9 | 66.2 | 59.7 | 61 | 64.5 |
| 205 | 56.1 | 59 | 62.2 | 55.9 | 57.3 | 60.6 |
| 210 | 52.5 | 55.4 | 58.7 | 52.3 | 53.6 | 56.9 |
| 215 | 49.3 | 51.9 | 55.1 | 48.8 | 50.2 | 53.5 |
| 220 | 46.1 | 48.7 | 51.8 | 45.8 | 46.8 | 50.1 |
| 225 | 42.9 | 45.7 | 48.6 | 42.8 | 43.8 | 46.9 |
| 230 | 39.9 | 42.7 | 45.7 | 39.8 | 41 | 43.8 |
| 235 | 37.1 | 39.7 | 42.9 | 36.8 | 38.1 | 41.2 |
| 240 | 34.5 | 37 | 40.1 | 34.1 | 35.3 | 38.5 |
| 245 | 32 | 34.3 | 37.3 | 31.5 | 32.7 | 35.8 |
| 250 | 29.5 | 31.9 | 34.7 | 29.1 | 30.1 | 33.1 |
| 255 | 27.1 | 29.6 | 32.3 | 26.8 | 27.8 | 30.7 |
| 260 | 25 | 27.3 | 30.1 | 24.4 | 25.6 | 28.3 |
| 265 | 22.9 | 25.1 | 27.9 | 22.3 | 23.4 | 26.2 |
| 270 | 20.9 | 23 | 25.6 | 20.2 | 21.1 | 24 |
| 275 | 18.9 | 21.1 | 23.6 | 18.3 | 19.2 | 21.9 |
| 280 | 17 | 19.2 | 21.7 | 16.4 | 17.3 | 19.9 |
| 285 | 15.3 | 17.2 | 19.8 | 14.4 | 15.5 | 18.1 |
| 290 | 13.7 | 15.5 | 18 | 12.8 | 13.8 | 16.3 |
| 295 | 12 | 13.9 | 16.1 | 11.2 | 12 | 14.5 |
| 300 | | 12.2 | 14.5 | | | 12.8 |
| 305 | | | 13 | | | 11.2 |
| 310 | | | 11.4 | | | |



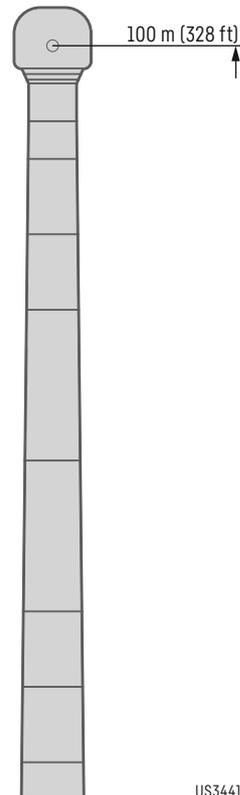
US3441

HSL3AF

HSL3 335 – 345 ft

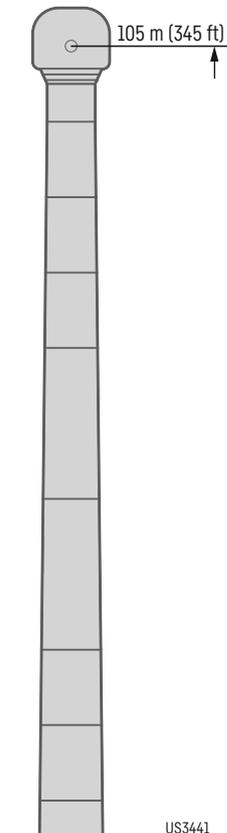


| ft | HSL3A 335 ft | | |
|-----|--------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 60 | 379 | | |
| 65 | 350 | 344 | |
| 70 | 322 | 326 | 291 |
| 75 | 298 | 301 | 283 |
| 80 | 276 | 279 | 276 |
| 85 | 256 | 260 | 260 |
| 90 | 239 | 242 | 243 |
| 95 | 222 | 226 | 227 |
| 100 | 208 | 212 | 213 |
| 105 | 195 | 198 | 199 |
| 110 | 183 | 186 | 187 |
| 115 | 171 | 175 | 176 |
| 120 | 161 | 164 | 166 |
| 125 | 151 | 155 | 156 |
| 130 | 142 | 146 | 147 |
| 135 | 133 | 137 | 139 |
| 140 | 125 | 129 | 131 |
| 145 | 117 | 121 | 123 |
| 150 | 109 | 113 | 115 |
| 155 | 102 | 106 | 108 |
| 160 | 95.1 | 99.4 | 102 |
| 165 | 88.9 | 92.8 | 95.2 |
| 170 | 82.9 | 87 | 88.9 |
| 175 | 77.8 | 81.3 | 83.6 |
| 180 | 72.5 | 76.3 | 78.2 |
| 185 | 67.8 | 71.4 | 73.3 |
| 190 | 63.1 | 66.8 | 68.8 |
| 195 | 58.8 | 62.4 | 64.3 |
| 200 | 54.8 | 58.1 | 60.2 |
| 205 | 50.9 | 54.3 | 56.1 |
| 210 | 47.3 | 50.5 | 52.4 |
| 215 | 43.8 | 47.1 | 48.8 |
| 220 | 40.5 | 43.7 | 45.4 |
| 225 | 37.3 | 40.5 | 42.3 |
| 230 | 34.6 | 37.4 | 39.2 |
| 235 | 31.9 | 34.6 | 36.3 |
| 240 | 29.2 | 32 | 33.4 |
| 245 | 26.4 | 29.4 | 31 |
| 250 | 24 | 26.9 | 28.5 |
| 255 | 21.6 | 24.4 | 26.1 |
| 260 | 19.4 | 22.1 | 23.7 |
| 265 | 17.3 | 19.8 | 21.4 |
| 270 | 15.2 | 17.8 | 19.2 |
| 275 | 13.1 | 15.8 | 17.2 |
| 280 | 11.2 | 13.7 | 15.2 |
| 285 | | 11.8 | 13.3 |
| 290 | | | 11.3 |



US3441

| ft | HSL3A 345 ft | |
|-----|--------------|---------|
| | F 39 ft | F 49 ft |
| | 12° | |
| 60 | 359 | |
| 65 | 344 | 332 |
| 70 | 319 | 321 |
| 75 | 295 | 298 |
| 80 | 273 | 277 |
| 85 | 254 | 257 |
| 90 | 236 | 240 |
| 95 | 221 | 224 |
| 100 | 206 | 210 |
| 105 | 193 | 197 |
| 110 | 181 | 184 |
| 115 | 170 | 173 |
| 120 | 159 | 163 |
| 125 | 150 | 153 |
| 130 | 141 | 144 |
| 135 | 132 | 136 |
| 140 | 123 | 127 |
| 145 | 115 | 119 |
| 150 | 108 | 112 |
| 155 | 101 | 105 |
| 160 | 93.9 | 98.4 |
| 165 | 87.9 | 91.9 |
| 170 | 82.1 | 86 |
| 175 | 76.6 | 80.6 |
| 180 | 71.7 | 75.2 |
| 185 | 66.7 | 70.5 |
| 190 | 62.3 | 65.9 |
| 195 | 57.8 | 61.5 |
| 200 | 53.8 | 57.4 |
| 205 | 50 | 53.3 |
| 210 | 46.3 | 49.7 |
| 215 | 43 | 46.1 |
| 220 | 39.7 | 42.9 |
| 225 | 36.6 | 39.8 |
| 230 | 33.6 | 36.8 |
| 235 | 31 | 33.9 |
| 240 | 28.4 | 31.1 |
| 245 | 25.9 | 28.7 |
| 250 | 23.3 | 26.2 |
| 255 | 20.9 | 23.8 |
| 260 | 18.6 | 21.4 |
| 265 | 16.5 | 19.2 |
| 270 | 14.5 | 16.9 |
| 275 | 12.5 | 15 |
| 280 | | 13.1 |

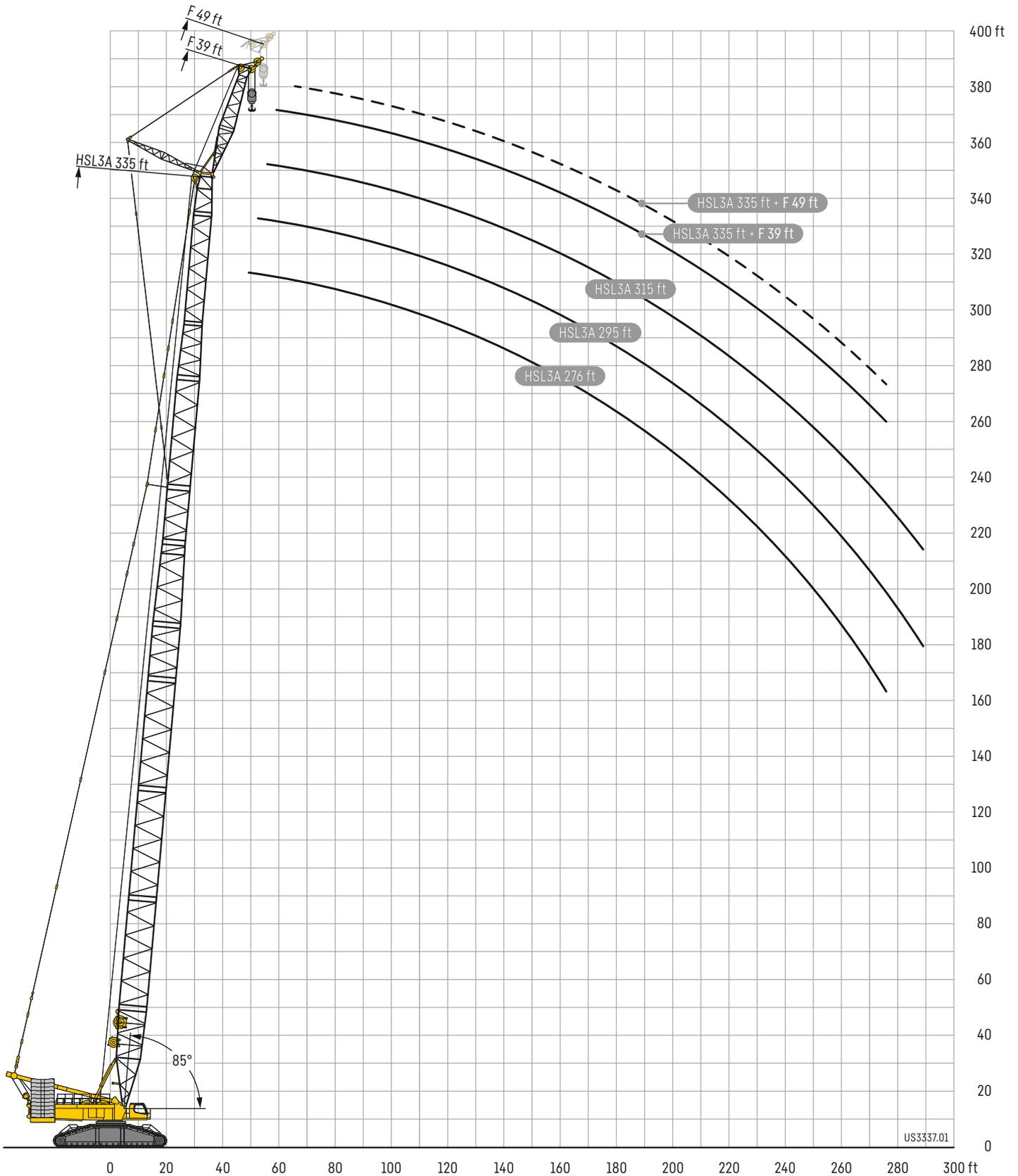


US3441

Lifting heights

Hauteurs de levage

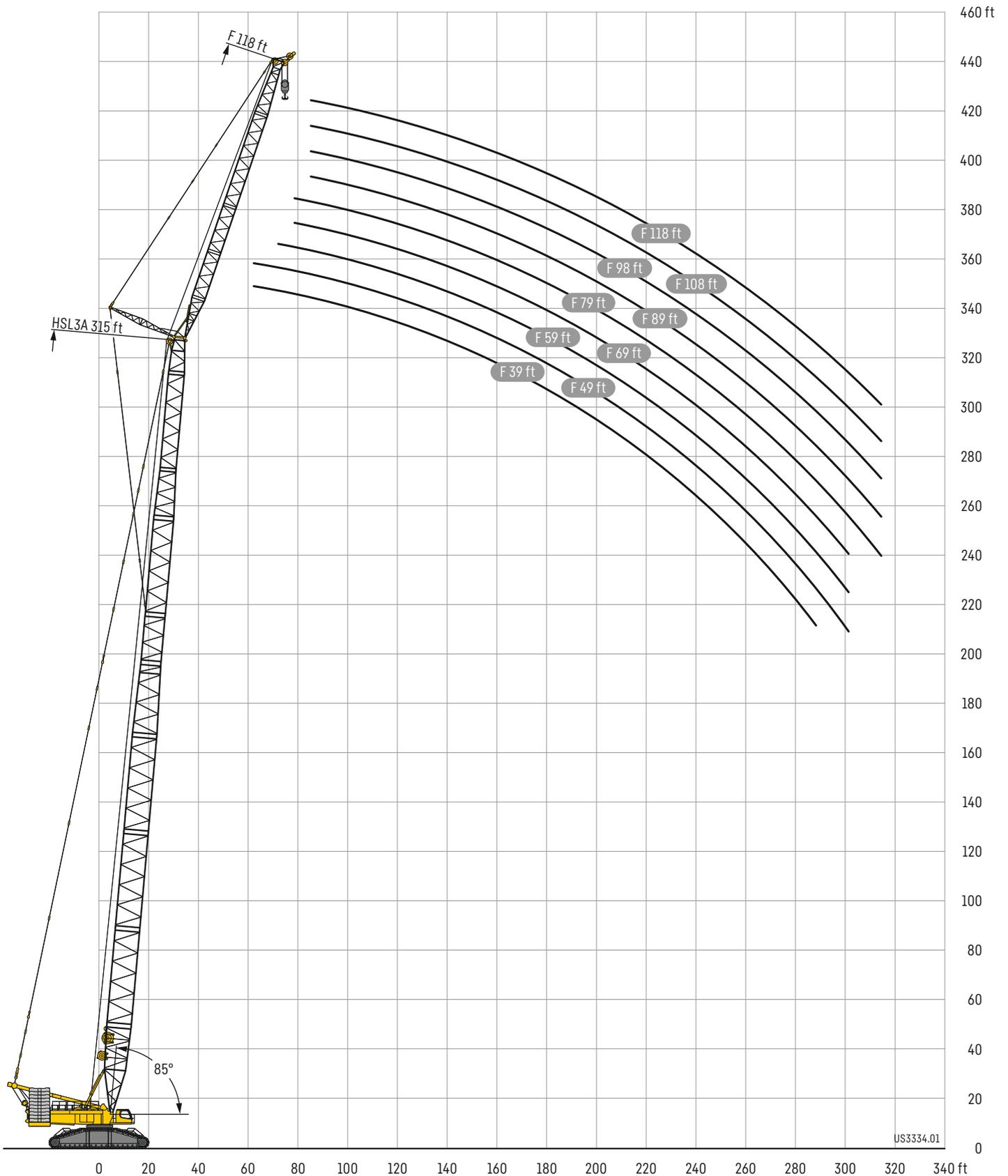
HSL3AF



Lifting heights

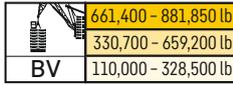
Hauteurs de levage

HSL3AF



HSL2AZDFBV

HSL2 472 – 502 ft



| ft | HSL2 472 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 75 | 361 | | |
| 80 | 358 | 320 | |
| 85 | 356 | 320 | 274 |
| 90 | 352 | 318 | 269 |
| 95 | 348 | 314 | 263 |
| 100 | 343 | 309 | 258 |
| 105 | 338 | 304 | 254 |
| 110 | 333 | 299 | 249 |
| 115 | 328 | 294 | 244 |
| 120 | 322 | 289 | 240 |
| 125 | 317 | 284 | 236 |
| 130 | 310 | 279 | 232 |
| 135 | 304 | 274 | 228 |
| 140 | 298 | 270 | 224 |
| 145 | 292 | 266 | 221 |
| 150 | 286 | 261 | 217 |
| 155 | 280 | 256 | 214 |
| 160 | 274 | 251 | 211 |
| 165 | 269 | 246 | 208 |
| 170 | 264 | 241 | 204 |
| 175 | 258 | 236 | 202 |
| 180 | 253 | 232 | 199 |
| 185 | 248 | 227 | 196 |
| 190 | 243 | 223 | 193 |
| 195 | 238 | 218 | 191 |
| 200 | 233 | 214 | 188 |
| 205 | 229 | 210 | 186 |
| 210 | 224 | 206 | 183 |
| 215 | 220 | 202 | 181 |
| 220 | 216 | 199 | 179 |
| 225 | 212 | 195 | 176 |
| 230 | 207 | 192 | 174 |
| 235 | 203 | 188 | 172 |
| 240 | 199 | 185 | 170 |
| 245 | 195 | 182 | 167 |
| 250 | 191 | 179 | 165 |
| 255 | 187 | 176 | 162 |
| 260 | 182 | 173 | 160 |
| 265 | 178 | 170 | 157 |
| 270 | 174 | 167 | 155 |
| 275 | 169 | 165 | 152 |
| 280 | 164 | 162 | 150 |
| 285 | 160 | 159 | 148 |
| 290 | 155 | 155 | 145 |
| 295 | 150 | 152 | 143 |
| 300 | 146 | 148 | 141 |
| 305 | 142 | 144 | 139 |
| 310 | 138 | 140 | 137 |
| 315 | 134 | 137 | 135 |
| 320 | 130 | 133 | 132 |
| 325 | 126 | 129 | 129 |
| 330 | 122 | 125 | 125 |
| 335 | 118 | 122 | 122 |
| 340 | 115 | 118 | 119 |
| 345 | 111 | 114 | 115 |
| 350 | 108 | 111 | 112 |
| 355 | 105 | 108 | 109 |
| 360 | 101 | 104 | 105 |
| 365 | 98.1 | 101 | 102 |
| 370 | 94.9 | 98.2 | 99.4 |
| 375 | 91.9 | 95 | 96.4 |
| 380 | 89 | 92 | 93.4 |
| 385 | 86.1 | 89.1 | 90.4 |
| 390 | 83.2 | 86.3 | 87.6 |
| 395 | 80.3 | 83.5 | 84.9 |
| 400 | 77.5 | 80.8 | 82.1 |
| 405 | 74.6 | 78 | 79.5 |
| 410 | 72.1 | 75.3 | 76.9 |
| 415 | 69.7 | 72.5 | 74.2 |
| 420 | 67.2 | 70.2 | 71.6 |
| 425 | 64.8 | 67.7 | 69.1 |
| 430 | 62.4 | 65.3 | 66.7 |
| 435 | 60.1 | 62.9 | 64.4 |
| 440 | 57.9 | 60.5 | 62.1 |
| 445 | 55.8 | 58.2 | 59.7 |
| 450 | | 56.1 | 57.5 |
| 455 | | 54 | 55.3 |
| 460 | | | 53.3 |
| 465 | | | 51.3 |
| 470 | | | |

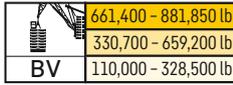
| ft | HSL2 482 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 75 | 346 | | |
| 80 | 344 | 308 | |
| 85 | 341 | 307 | 272 |
| 90 | 338 | 304 | 267 |
| 95 | 334 | 300 | 262 |
| 100 | 330 | 296 | 257 |
| 105 | 326 | 292 | 252 |
| 110 | 321 | 288 | 248 |
| 115 | 316 | 284 | 243 |
| 120 | 311 | 279 | 239 |
| 125 | 306 | 274 | 235 |
| 130 | 301 | 270 | 231 |
| 135 | 295 | 265 | 227 |
| 140 | 290 | 260 | 224 |
| 145 | 284 | 255 | 220 |
| 150 | 279 | 251 | 217 |
| 155 | 273 | 246 | 213 |
| 160 | 267 | 241 | 210 |
| 165 | 262 | 237 | 207 |
| 170 | 256 | 232 | 204 |
| 175 | 251 | 228 | 201 |
| 180 | 246 | 223 | 198 |
| 185 | 240 | 219 | 196 |
| 190 | 236 | 215 | 193 |
| 195 | 231 | 211 | 190 |
| 200 | 227 | 207 | 187 |
| 205 | 222 | 203 | 185 |
| 210 | 217 | 199 | 182 |
| 215 | 213 | 195 | 179 |
| 220 | 209 | 191 | 176 |
| 225 | 206 | 188 | 173 |
| 230 | 202 | 185 | 170 |
| 235 | 199 | 182 | 168 |
| 240 | 195 | 179 | 165 |
| 245 | 192 | 176 | 162 |
| 250 | 188 | 173 | 159 |
| 255 | 185 | 170 | 157 |
| 260 | 181 | 167 | 154 |
| 265 | 177 | 164 | 152 |
| 270 | 172 | 161 | 149 |
| 275 | 168 | 159 | 147 |
| 280 | 163 | 156 | 145 |
| 285 | 158 | 154 | 143 |
| 290 | 154 | 151 | 140 |
| 295 | 149 | 147 | 138 |
| 300 | 145 | 144 | 136 |
| 305 | 140 | 140 | 134 |
| 310 | 136 | 136 | 132 |
| 315 | 132 | 133 | 130 |
| 320 | 129 | 129 | 128 |
| 325 | 125 | 125 | 126 |
| 330 | 121 | 122 | 122 |
| 335 | 117 | 118 | 119 |
| 340 | 113 | 115 | 115 |
| 345 | 110 | 111 | 112 |
| 350 | 106 | 108 | 109 |
| 355 | 103 | 104 | 105 |
| 360 | 100 | 101 | 102 |
| 365 | 97.1 | 98 | 99.1 |
| 370 | 94 | 95 | 96.1 |
| 375 | 90.8 | 92 | 93.2 |
| 380 | 87.8 | 89 | 90.3 |
| 385 | 85 | 86 | 87.4 |
| 390 | 82.1 | 83.2 | 84.6 |
| 395 | 79.3 | 80.5 | 81.7 |
| 400 | 76.4 | 77.8 | 79.1 |
| 405 | 73.7 | 75.2 | 76.5 |
| 410 | 70.9 | 72.5 | 73.9 |
| 415 | 68.2 | 69.9 | 71.4 |
| 420 | 65.9 | 67.3 | 68.9 |
| 425 | 63.5 | 64.8 | 66.4 |
| 430 | 61.2 | 62.5 | 63.9 |
| 435 | 58.8 | 60.1 | 61.6 |
| 440 | 56.6 | 57.8 | 59.4 |
| 445 | 54.3 | 55.5 | 57.1 |
| 450 | 52.3 | 53.3 | 54.9 |
| 455 | | 51.1 | 52.6 |
| 460 | | 49.2 | 50.6 |
| 465 | | | 48.6 |
| 470 | | | 46.8 |

| ft | HSL2 492 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 75 | | | |
| 80 | 329 | | |
| 85 | 326 | 294 | 264 |
| 90 | 323 | 291 | 265 |
| 95 | 319 | 287 | 260 |
| 100 | 316 | 284 | 255 |
| 105 | 311 | 280 | 251 |
| 110 | 307 | 276 | 246 |
| 115 | 302 | 272 | 242 |
| 120 | 298 | 268 | 238 |
| 125 | 293 | 263 | 234 |
| 130 | 288 | 259 | 230 |
| 135 | 283 | 254 | 226 |
| 140 | 278 | 250 | 223 |
| 145 | 272 | 246 | 219 |
| 150 | 267 | 241 | 216 |
| 155 | 261 | 237 | 212 |
| 160 | 256 | 232 | 209 |
| 165 | 251 | 228 | 206 |
| 170 | 246 | 223 | 203 |
| 175 | 241 | 219 | 200 |
| 180 | 236 | 215 | 197 |
| 185 | 231 | 211 | 194 |
| 190 | 226 | 206 | 190 |
| 195 | 222 | 202 | 187 |
| 200 | 217 | 199 | 183 |
| 205 | 213 | 195 | 180 |
| 210 | 209 | 191 | 177 |
| 215 | 205 | 188 | 174 |
| 220 | 201 | 184 | 171 |
| 225 | 198 | 181 | 168 |
| 230 | 194 | 178 | 165 |
| 235 | 191 | 175 | 162 |
| 240 | 187 | 172 | 159 |
| 245 | 184 | 169 | 156 |
| 250 | 181 | 166 | 154 |
| 255 | 178 | 163 | 151 |
| 260 | 175 | 161 | 149 |
| 265 | 172 | 158 | 146 |
| 270 | 168 | 156 | 144 |
| 275 | 164 | 153 | 142 |
| 280 | 160 | 151 | 140 |
| 285 | 155 | 149 | 138 |
| 290 | 151 | 146 | 136 |
| 295 | 147 | 143 | 134 |
| 300 | 142 | 140 | 132 |
| 305 | 138 | 137 | 130 |
| 310 | 134 | 133 | 128 |
| 315 | 130 | 130 | 126 |
| 320 | 126 | 126 | 124 |
| 325 | 122 | 123 | 122 |
| 330 | 119 | 119 | 120 |
| 335 | 115 | 116 | 117 |
| 340 | 111 | 112 | 113 |
| 345 | 108 | 109 | 110 |
| 350 | 105 | 105 | 107 |
| 355 | 101 | 102 | 103 |
| 360 | 98 | 98.8 | 100 |
| 365 | 95 | 95.6 | 97 |
| 370 | 91.9 | 92.7 | 93.9 |
| 375 | 88.9 | 89.8 | 90.8 |
| 380 | 85.9 | 86.9 | 88.1 |
| 385 | 82.9 | 84.1 | 85.3 |
| 390 | 80.2 | 81.2 | 82.6 |
| 395 | 77.4 | 78.4 | 79.8 |
| 400 | 74.7 | 75.8 | 77 |
| 405 | 72.1 | 73.1 | 74.5 |
| 410 | 69.4 | 70.6 | 72 |
| 415 | 66.8 | 68 | 69.5 |
| 420 | 64.1 | 65.4 | 67.1 |
| 425 | 61.8 | 62.9 | 64.7 |
| 430 | 59.5 | 60.3 | 62.3 |
| 435 | 57.2 | 58.2 | 59.9 |
| 440 | 54.9 | 56 | 57.5 |
| 445 | 52.7 | 53.8 | 55.4 |
| 450 | 50.6 | 51.6 | 53.2 |
| 455 | 48.6 | 49.5 | 51.1 |
| 460 | 46.8 | 47.5 | 48.9 |
| 465 | | 45.6 | 46.9 |
| 470 | | 44 | 45 |
| 475 | | | 43.3 |
| 480 | | | 41.8 |
| 485 | | | |
| 490 | | | |

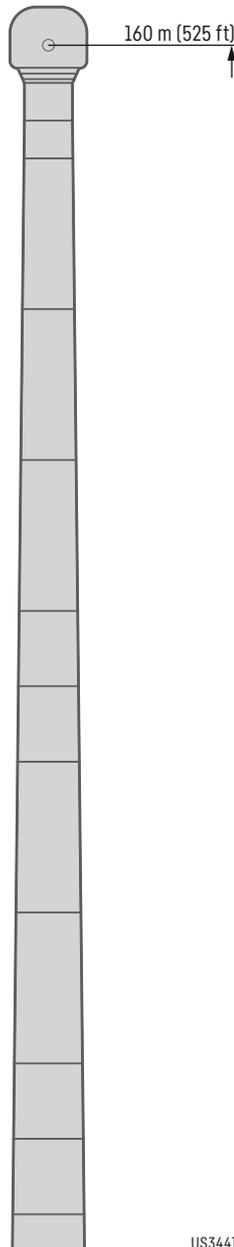
| ft | HSL2 502 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 75 | | | |
| 80 | 314 | | |
| 85 | 311 | 281 | |
| 90 | 308 | 278 | 257 |
| 95 | 305 | 275 | 254 |
| 100 | 301 | 272 | 251 |
| 105 | 298 | 268 | 248 |
| 110 | 294 | 264 | 244 |
| 115 | 289 | 261 | 241 |
| 120 | 285 | 257 | 238 |
| 125 | 281 | 253 | 234 |
| 130 | 276 | 249 | 231 |
| 135 | 271 | 245 | 227 |
| 140 | 266 | 240 | 223 |
| 145 | 261 | 236 | 219 |
| 150 | 256 | 232 | 216 |
| 155 | 251 | 227 | 212 |
| 160 | 246 | 223 | 208 |
| 165 | 241 | 219 | 204 |
| 170 | 236 | 214 | 201 |
| 175 | 231 | 210 | 197 |
| 180 | 227 | 206 | 193 |
| 185 | 222 | 202 | 190 |
| 190 | 217 | 198 | 186 |
| 195 | 213 | 194 | 183 |
| 200 | 209 | 191 | 180 |
| 205 | 205 | 187 | 176 |
| 210 | 201 | 184 | 173 |
| 215 | 197 | 181 | 170 |
| 220 | 193 | 177 | 167 |
| 225 | 190 | 174 | 164 |
| 230 | 187 | 171 | 162 |
| 235 | 184 | 168 | 159 |
| 240 | 180 | 166 | 156 |
| 245 | 177 | 163 | 154 |
| 250 | 174 | 160 | 151 |
| 255 | 171 | 158 | 149 |
| 260 | 168 | 155 | 147 |
| 265 | 165 | 153 | 144 |
| 270 | 162 | 150 | 142 |
| 275 | 158 | 148 | 140 |
| 280 | 154 | 146 | 138 |
| 285 | 151 | 143 | 136 |
| 290 | 147 | 141 | 134 |
| 295 | 143 | 139 | 132 |
| 300 | 138 | 136 | 130 |
| 305 | 134 | 133 | 128 |
| 310 | 130 | 130 | 126 |
| 315 | 126 | 127 | 124 |
| 320 | 122 | 123 | 122 |
| 325 | 119 | 119 | 120 |
| 330 | 115 | 116 | 118 |
| 335 | 112 | 112 | 116 |
| 340 | 108 | 109 | 113 |
| 345 | 105 | 106 | 109 |
| 350 | 101 | 102 | 106 |
| 355 | 97.9 | 98.9 | 103 |
| 360 | 94.6 | 95.6 | 99.6 |
| 365 | 91.5 | 92.5 | 96.3 |
| 370 | 88.6 | 89.4 | 93.3 |
| 375 | 85.7 | 86.5 | 90.3 |
| 380 | 82.8 | 83.7 | 87.2 |

HSL2AZDFBV

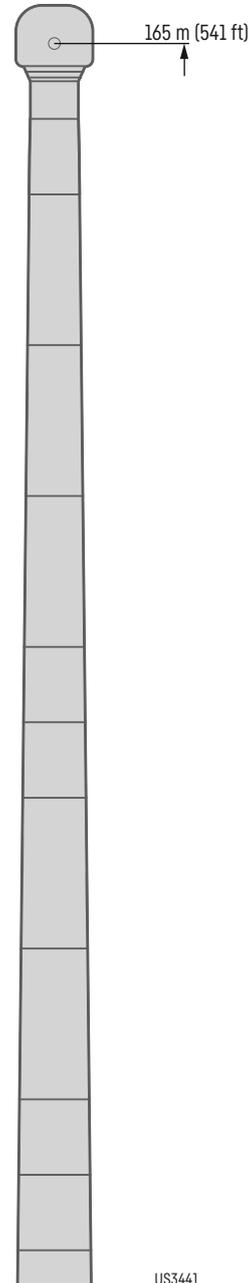
HSL2 532 - 551 ft



| ft | HSL2 532 ft | | | HSL2 541 ft | | |
|-----|-------------|---------|---------|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | | | | |
| 85 | 270 | 245 | 224 | 253 | 227 | |
| 90 | 268 | | | 249 | | |
| 95 | 265 | 242 | 223 | 246 | 224 | 207 |
| 100 | 263 | 240 | 221 | 243 | 221 | 204 |
| 105 | 260 | 237 | 218 | 239 | 217 | 201 |
| 110 | 257 | 235 | 216 | 235 | 214 | 197 |
| 115 | 254 | 232 | 213 | 231 | 210 | 194 |
| 120 | 250 | 229 | 210 | 227 | 207 | 191 |
| 125 | 246 | 226 | 208 | 223 | 203 | 188 |
| 130 | 242 | 222 | 205 | 219 | 199 | 184 |
| 135 | 238 | 219 | 202 | 215 | 196 | 181 |
| 140 | 234 | 215 | 199 | 211 | 192 | 178 |
| 145 | 230 | 211 | 195 | 207 | 189 | 175 |
| 150 | 225 | 208 | 192 | 203 | 185 | 172 |
| 155 | 221 | 204 | 188 | 199 | 182 | 169 |
| 160 | 217 | 200 | 185 | 196 | 179 | 166 |
| 165 | 213 | 196 | 182 | 192 | 175 | 163 |
| 170 | 209 | 193 | 179 | 188 | 172 | 160 |
| 175 | 205 | 189 | 175 | 185 | 169 | 157 |
| 180 | 201 | 186 | 172 | 181 | 166 | 154 |
| 185 | 197 | 183 | 169 | 178 | 163 | 151 |
| 190 | 193 | 179 | 166 | 175 | 160 | 148 |
| 195 | 190 | 176 | 163 | 171 | 157 | 146 |
| 200 | 186 | 173 | 161 | 168 | 154 | 144 |
| 205 | 183 | 170 | 158 | 165 | 152 | 141 |
| 210 | 179 | 167 | 155 | 162 | 149 | 138 |
| 215 | 176 | 164 | 152 | 159 | 146 | 136 |
| 220 | 173 | 161 | 150 | 157 | 144 | 134 |
| 225 | 170 | 159 | 147 | 154 | 141 | 131 |
| 230 | 167 | 156 | 145 | 151 | 139 | 129 |
| 235 | 164 | 153 | 143 | 148 | 137 | 127 |
| 240 | 161 | 151 | 140 | 146 | 134 | 125 |
| 245 | 159 | 148 | 138 | 144 | 132 | 123 |
| 250 | 156 | 146 | 136 | 141 | 130 | 121 |
| 255 | 153 | 144 | 134 | 139 | 128 | 119 |
| 260 | 151 | 141 | 132 | 137 | 126 | 117 |
| 265 | 148 | 139 | 130 | 135 | 124 | 116 |
| 270 | 145 | 137 | 128 | 132 | 122 | 114 |
| 275 | 142 | 135 | 126 | 130 | 120 | 112 |
| 280 | 139 | 133 | 124 | 128 | 118 | 110 |
| 285 | 137 | 131 | 122 | 126 | 116 | 109 |
| 290 | 134 | 129 | 120 | 124 | 115 | 107 |
| 295 | 131 | 127 | 118 | 122 | 113 | 105 |
| 300 | 128 | 126 | 117 | 121 | 111 | 104 |
| 305 | 125 | 124 | 115 | 119 | 110 | 102 |
| 310 | 122 | 122 | 114 | 117 | 108 | 101 |
| 315 | 119 | 119 | 112 | 114 | 107 | 99.4 |
| 320 | 115 | 117 | 110 | 112 | 105 | 98 |
| 325 | 111 | 114 | 109 | 109 | 103 | 96.6 |
| 330 | 108 | 111 | 107 | 106 | 102 | 95.3 |
| 335 | 104 | 108 | 105 | 103 | 99.8 | 94 |
| 340 | 101 | 104 | 103 | 99.9 | 98 | 92.7 |
| 345 | 97.9 | 101 | 101 | 96.9 | 96.2 | 91.5 |
| 350 | 94.7 | 98.2 | 98.6 | 93.9 | 94.1 | 90.3 |
| 355 | 91.6 | 95.2 | 95.8 | 90.9 | 91.3 | 89.1 |
| 360 | 88.5 | 92.1 | 93 | 87.9 | 88.5 | 87 |
| 365 | 85.4 | 89.1 | 90.1 | 84.9 | 85.7 | 84.6 |
| 370 | 82.4 | 86.1 | 87.3 | 81.9 | 82.8 | 82.2 |
| 375 | 79.5 | 83 | 84.4 | 79 | 79.9 | 79.8 |
| 380 | 76.5 | 80.2 | 81.5 | 76.2 | 77 | 77.3 |
| 385 | 73.8 | 77.3 | 78.7 | 73.3 | 74.2 | 74.8 |
| 390 | 71.2 | 74.4 | 75.9 | 70.5 | 71.5 | 72.3 |
| 395 | 68.7 | 71.9 | 73.2 | 68 | 68.7 | 69.8 |
| 400 | 66.1 | 69.4 | 70.5 | 65.5 | 66.1 | 67.4 |
| 405 | 63.5 | 66.9 | 68.1 | 63 | 63.7 | 64.9 |
| 410 | 60.9 | 64.5 | 65.7 | 60.5 | 61.3 | 62.6 |
| 415 | 58.6 | 62 | 63.3 | 57.9 | 58.9 | 60.3 |
| 420 | 56.3 | 59.4 | 60.9 | 55.5 | 56.5 | 58 |
| 425 | 53.9 | 57.2 | 58.5 | 53.4 | 54 | 55.7 |
| 430 | 51.8 | 55 | 56.2 | 51.1 | 51.9 | 53.5 |
| 435 | 49.6 | 52.8 | 54.1 | 49.1 | 49.8 | 51.1 |
| 440 | 47.4 | 50.7 | 51.9 | 47.1 | 47.7 | 49.2 |
| 445 | 45.3 | 48.6 | 49.9 | 45.1 | 45.9 | 47.2 |
| 450 | 43.1 | 46.5 | 48 | 43.2 | 44.1 | 45.2 |
| 455 | 41.4 | 44.4 | 46 | 41.2 | 42.3 | 43.5 |
| 460 | 39.9 | 42.3 | 44.1 | 39.3 | 40.5 | 41.8 |
| 465 | 38.3 | 40.7 | 42.2 | 37.7 | 38.7 | 40.1 |
| 470 | 36.8 | 39.1 | 40.3 | 36.1 | 37 | 38.4 |
| 475 | 35.2 | 37.5 | 38.7 | 34.5 | 35.4 | 36.6 |
| 480 | 33.7 | 36 | 37.2 | 32.9 | 33.7 | 35 |
| 485 | 32.1 | 34.4 | 35.7 | 31.3 | 32.1 | 33.4 |
| 490 | 30.6 | 32.9 | 34.2 | 29.7 | 30.5 | 31.8 |
| 495 | 29.1 | 31.3 | 32.7 | 28.1 | 28.9 | 30.2 |
| 500 | | 29.8 | 31.2 | 26.5 | 27.3 | 28.5 |
| 505 | | 28.4 | 29.7 | | 25.7 | 26.9 |
| 510 | | | 28.2 | | 24.1 | 25.4 |
| 515 | | | 26.7 | | | 23.8 |
| 520 | | | | | | 22.3 |



| ft | HSL2 551 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 85 | 235 | | |
| 90 | 232 | 213 | |
| 95 | 229 | 210 | 193 |
| 100 | 226 | 207 | 190 |
| 105 | 224 | 204 | 187 |
| 110 | 221 | 200 | 184 |
| 115 | 217 | 197 | 181 |
| 120 | 214 | 194 | 178 |
| 125 | 210 | 190 | 175 |
| 130 | 206 | 187 | 171 |
| 135 | 203 | 183 | 168 |
| 140 | 199 | 180 | 165 |
| 145 | 195 | 176 | 162 |
| 150 | 191 | 173 | 159 |
| 155 | 187 | 170 | 156 |
| 160 | 184 | 167 | 153 |
| 165 | 180 | 163 | 150 |
| 170 | 177 | 160 | 148 |
| 175 | 173 | 157 | 145 |
| 180 | 170 | 154 | 142 |
| 185 | 167 | 152 | 140 |
| 190 | 164 | 149 | 137 |
| 195 | 161 | 146 | 135 |
| 200 | 158 | 144 | 132 |
| 205 | 155 | 141 | 130 |
| 210 | 152 | 138 | 128 |
| 215 | 149 | 136 | 125 |
| 220 | 147 | 134 | 123 |
| 225 | 144 | 131 | 121 |
| 230 | 142 | 129 | 119 |
| 235 | 139 | 127 | 117 |
| 240 | 137 | 125 | 115 |
| 245 | 135 | 123 | 114 |
| 250 | 133 | 121 | 112 |
| 255 | 131 | 119 | 110 |
| 260 | 129 | 117 | 108 |
| 265 | 127 | 116 | 107 |
| 270 | 125 | 114 | 105 |
| 275 | 123 | 112 | 104 |
| 280 | 121 | 111 | 102 |
| 285 | 120 | 109 | 101 |
| 290 | 118 | 108 | 99.2 |
| 295 | 116 | 106 | 97.9 |
| 300 | 115 | 105 | 96.5 |
| 305 | 113 | 103 | 95.2 |
| 310 | 112 | 102 | 93.8 |
| 315 | 110 | 100 | 92.6 |
| 320 | 108 | 99.2 | 91.4 |
| 325 | 107 | 97.9 | 90.2 |
| 330 | 105 | 96.7 | 89.1 |
| 335 | 103 | 95.4 | 88 |
| 340 | 102 | 94.2 | 86.9 |
| 345 | 99.9 | 93 | 85.8 |
| 350 | 97.4 | 91.9 | 84.8 |
| 355 | 94.6 | 90.5 | 83.8 |
| 360 | 91.8 | 88.3 | 82.7 |
| 365 | 88.9 | 86.1 | 81.3 |
| 370 | 86 | 83.9 | 79.7 |
| 375 | 83.1 | 81.6 | 78.1 |
| 380 | 80.2 | 79.3 | 76.4 |
| 385 | 77.5 | 77 | 74.8 |
| 390 | 74.7 | 74.7 | 73.1 |
| 395 | 71.9 | 72.4 | 71.4 |
| 400 | 69.5 | 70.1 | 69.7 |
| 405 | 67.1 | 67.7 | 67.9 |
| 410 | 64.7 | 65.4 | 66.1 |
| 415 | 62.3 | 63.1 | 64 |
| 420 | 59.9 | 60.8 | 61.9 |
| 425 | 57.5 | 58.5 | 59.6 |
| 430 | 55.4 | 56.2 | 57.5 |
| 435 | 53.2 | 54 | 55.3 |
| 440 | 51.1 | 52 | 53.1 |
| 445 | 49.2 | 49.9 | 51.1 |
| 450 | 47.2 | 48 | 49.1 |
| 455 | 45.3 | 46.2 | 47.2 |
| 460 | 43.3 | 44.5 | 45.5 |
| 465 | 41.3 | 42.7 | 43.8 |
| 470 | 39.7 | 40.9 | 42.1 |
| 475 | 38.2 | 39.1 | 40.5 |
| 480 | 36.7 | 37.6 | 38.8 |
| 485 | 35.2 | 36.1 | 37.2 |
| 490 | 33.7 | 34.5 | 35.7 |
| 495 | 32.3 | 33 | 34.1 |
| 500 | 30.8 | 31.5 | 32.6 |
| 505 | 29.3 | 30.1 | 31.1 |
| 510 | 27.8 | 28.5 | 29.6 |
| 515 | | 27.1 | 28.1 |
| 520 | | 25.6 | 26.6 |
| 525 | | | 25.1 |
| 530 | | | 23.7 |

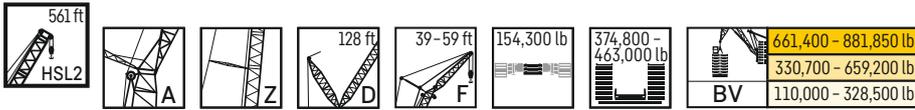


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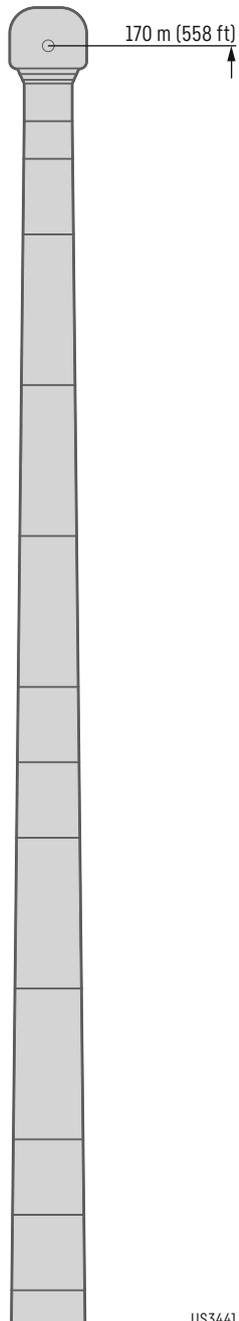
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HSL2AZDFBV

HSL2 561 ft



| ft | HSL2 561 ft | | |
|-----|-------------|---------|---------|
| | F 39 ft | F 49 ft | F 59 ft |
| | 12° | | |
| 85 | 225 | | |
| 90 | 223 | 206 | |
| 95 | 221 | 204 | 188 |
| 100 | 218 | 201 | 186 |
| 105 | 216 | 199 | 183 |
| 110 | 213 | 196 | 180 |
| 115 | 211 | 193 | 177 |
| 120 | 208 | 190 | 175 |
| 125 | 205 | 187 | 172 |
| 130 | 202 | 184 | 169 |
| 135 | 199 | 181 | 166 |
| 140 | 196 | 177 | 163 |
| 145 | 192 | 174 | 160 |
| 150 | 189 | 171 | 158 |
| 155 | 186 | 168 | 155 |
| 160 | 182 | 165 | 152 |
| 165 | 179 | 162 | 149 |
| 170 | 175 | 159 | 147 |
| 175 | 172 | 156 | 144 |
| 180 | 169 | 154 | 141 |
| 185 | 166 | 151 | 139 |
| 190 | 163 | 148 | 137 |
| 195 | 160 | 146 | 134 |
| 200 | 157 | 143 | 132 |
| 205 | 155 | 141 | 130 |
| 210 | 152 | 138 | 128 |
| 215 | 149 | 136 | 125 |
| 220 | 147 | 133 | 123 |
| 225 | 144 | 131 | 121 |
| 230 | 142 | 129 | 119 |
| 235 | 140 | 127 | 117 |
| 240 | 137 | 125 | 115 |
| 245 | 135 | 123 | 114 |
| 250 | 133 | 121 | 112 |
| 255 | 131 | 119 | 110 |
| 260 | 129 | 118 | 108 |
| 265 | 127 | 116 | 107 |
| 270 | 125 | 114 | 105 |
| 275 | 123 | 112 | 104 |
| 280 | 121 | 111 | 102 |
| 285 | 119 | 109 | 101 |
| 290 | 117 | 108 | 99.5 |
| 295 | 115 | 106 | 98.1 |
| 300 | 113 | 105 | 96.8 |
| 305 | 112 | 104 | 95.6 |
| 310 | 110 | 102 | 94.3 |
| 315 | 108 | 101 | 93 |
| 320 | 106 | 99.2 | 91.8 |
| 325 | 104 | 97.7 | 90.6 |
| 330 | 102 | 96.2 | 89.5 |
| 335 | 99.7 | 94.7 | 88.3 |
| 340 | 97.6 | 93.2 | 87.1 |
| 345 | 95.6 | 91.7 | 86 |
| 350 | 93.5 | 90.1 | 84.8 |
| 355 | 91 | 88.6 | 83.6 |
| 360 | 88.3 | 86.9 | 82.4 |
| 365 | 85.5 | 84.6 | 81.1 |
| 370 | 82.8 | 82.2 | 79.5 |
| 375 | 80 | 79.7 | 77.5 |
| 380 | 77.2 | 77.3 | 75.6 |
| 385 | 74.4 | 74.8 | 73.6 |
| 390 | 71.7 | 72.2 | 71.5 |
| 395 | 69 | 69.7 | 69.4 |
| 400 | 66.3 | 67.3 | 67.3 |
| 405 | 63.9 | 64.8 | 65.2 |
| 410 | 61.6 | 62.3 | 63.1 |
| 415 | 59.3 | 60.1 | 61 |
| 420 | 57 | 57.8 | 58.9 |
| 425 | 54.7 | 55.5 | 56.8 |
| 430 | 52.4 | 53.3 | 54.6 |
| 435 | 50.3 | 51.1 | 52.5 |
| 440 | 48.4 | 48.8 | 50.4 |
| 445 | 46.4 | 46.9 | 48.3 |
| 450 | 44.6 | 45 | 46.2 |
| 455 | 42.9 | 43.1 | 44.4 |
| 460 | 41.2 | 41.6 | 42.6 |
| 465 | 39.5 | 40 | 40.9 |
| 470 | 37.7 | 38.5 | 39.4 |
| 475 | 36 | 36.9 | 37.9 |
| 480 | 34.4 | 35.4 | 36.3 |
| 485 | 32.8 | 33.8 | 34.8 |
| 490 | 31.2 | 32.2 | 33.3 |
| 495 | 29.6 | 30.6 | 31.8 |
| 500 | 28 | 29 | 30.2 |
| 505 | 26.4 | 27.3 | 28.6 |
| 510 | 24.8 | 25.7 | 27 |
| 515 | 23.3 | 24.1 | 25.4 |
| 520 | 21.9 | 22.5 | 23.8 |
| 525 | | 21.1 | 22.3 |
| 530 | | 19.7 | 20.7 |
| 535 | | | 19.4 |
| 540 | | | 17.9 |

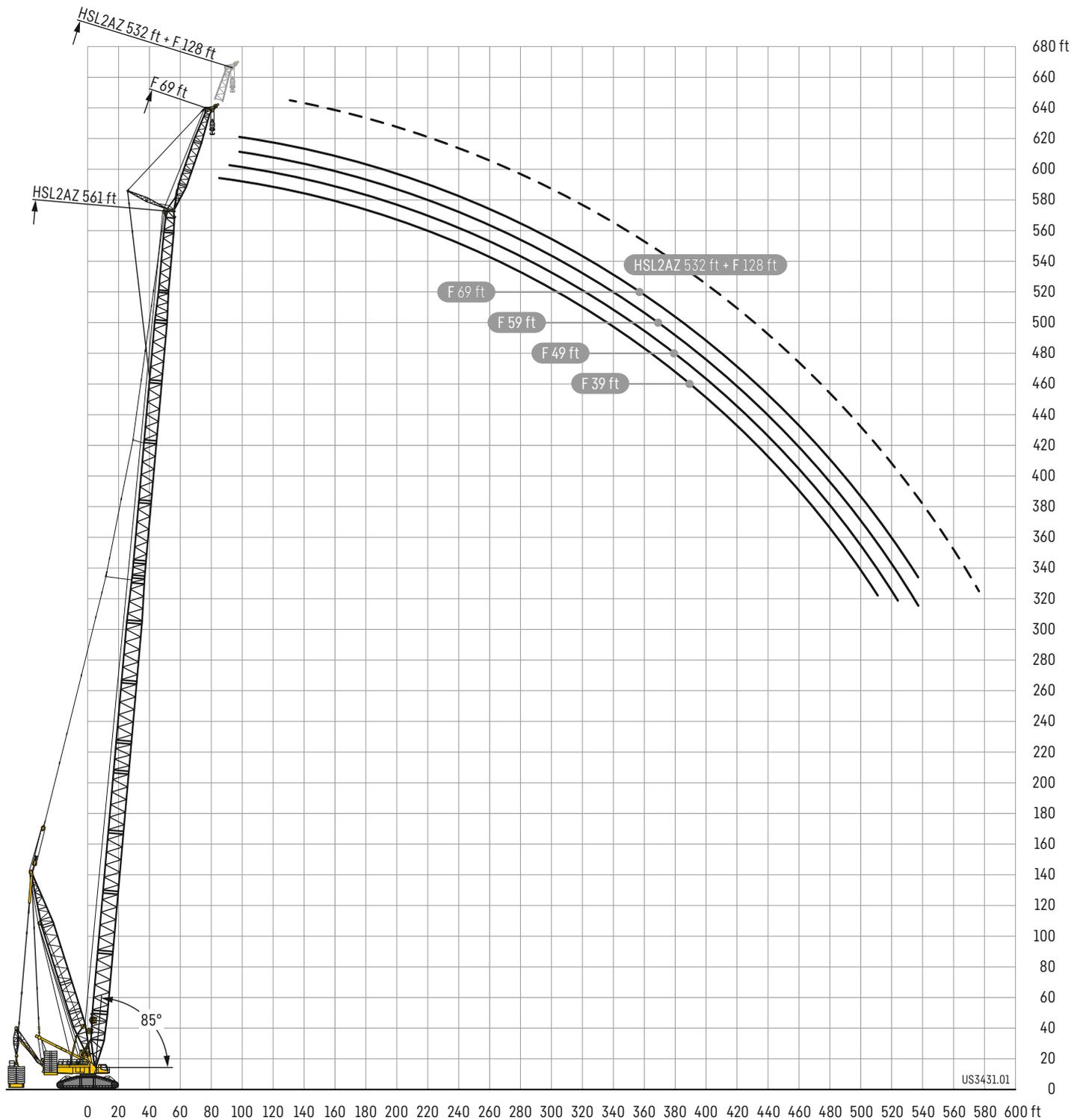


US3441

Lifting heights

Hauteurs de levage

HSL2AZDFBV



Description of symbols

Explication des symboles



Max. capacity
Capacité max.



Max. boom length
Longueur maxi. de la fleche principale



Max. boom system length
Longueur maxi. du systeme de fleche



Counterweight
Contrepoids



Central ballast
Contrepoids central



Width crawler chassis
Largeur du train de chenilles



Hoist gear
Treuil de levage



Working speeds
Vitesses



Max. single line pull
Effort au brin maxi.



Rope diameter
Diamètre



Rope length
Longueur du câble



Slewing speeds
Vitesses d'orientation



Driving speed
Vitesse de translation



Load
Forces de levage



Hookblock/Capacity
Moufle à crochet/Capacité de charge



Weight
Poids



No. of lines
Brins



No. of sheaves
Poulies



Radius
Portée



Main boom SL
Flèche principale SL



Main boom, heavy/light
Flèche principale, lourde/légère



Main boom S
Flèche principale S



Main boom, heavy
Flèche principale, lourde



Derrick system D
Système derrick D



Luffin fly jib, heavy
Flèche à bras, lourde



Fixed lattice jib F
Flèche à treillis fixe F



Adapter A
Pièce d'adaptateur A



Additional guying support
Chevalet tendeur



Counterweight frame B
Palette de lest B



Suspended ballast V-frame
V-Frame de contreponds suspendu



Counterweight trailer M-Wagon
Remorque à contreponds M-Wagon

Remarks

1. The lifting capacities do not exceed 75 % 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 29 ft/s (9 m/s, 20.1 miles/hour) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. The working radii are measured from the slewing centerline.
7. The subsoil must be even and of good bearing capacity.
8. Subject to modification of lifting capacities.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane can be found in the operation manual and the load chart book.
10. 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 75 % 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 29 ft/s (9 m/s, 20.1 miles/hour) 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 kips.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont prises à partir de l'axe de rotation de la partie tournante.
7. Le sol doit être plat et résistant.
8. Charges données sous réserve de modification.
9. 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.
10. Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.

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Proposition 65



WARNING: This product can expose you to chemicals, including exhaust emissions, including lead and lead compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm.

For more information see: www.P65warnings.ca.gov/diesel

Subject to modification · Sous réserve de modifications

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