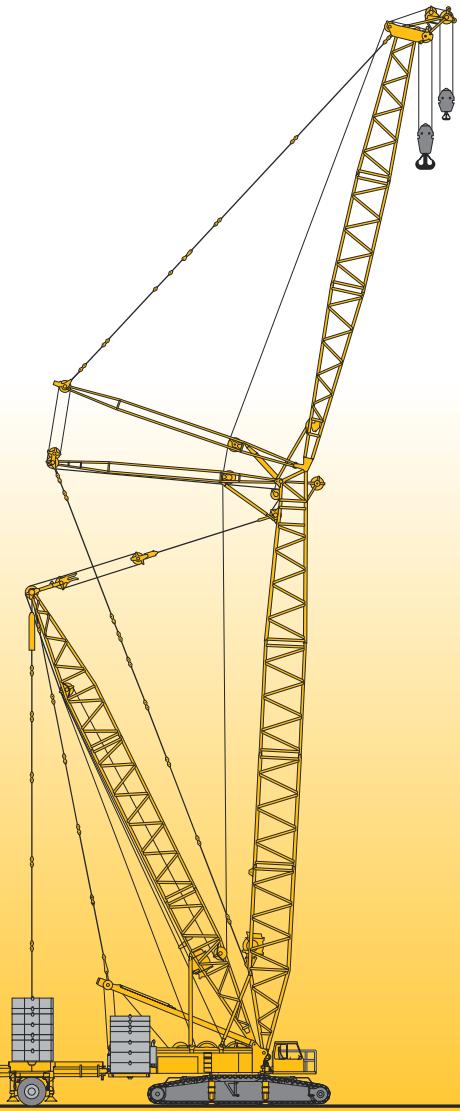




## Crawler Crane Grue sur chenilles

**LR 1350/1**

**Technical Data**  
**Caractéristiques techniques**



**LIEBHERR**



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## Technical description Description techniques

### Crawler travel gear

<b>Frame</b>	Self-manufactured, torsion-resistant box-type design of high-tensile grain refined structural steel, comprising crawler centre section and two crawler carriers. The crawler carriers are pinned hydraulically.
<b>Travel gear</b>	Maintenance-free, dirt-protected crawler travel gear with 3'3" (3'11" optional) track pads and centralized lubrication system for tumbler and track roller bearings.
<b>Travel drive</b>	1 (optionally 2) hydraulic travel drives per crawler carrier, comprising axial piston variable displacement motor, planetary gear with spring-loaded, hydraulically releasable travel brake and tumbler. The crawler chains are controllable synchronously, independently and opposed to one another.
<b>Central ballast</b>	17640 lbs, consisting of 2 slabs 8820 lbs each.

### Crane superstructure

<b>Frame</b>	Torsion-resistant weldment of high-tensile grain refined structural steel. Connected to crawler travel gear by a 3-row roller slewing rim for 360° continuous rotation.
<b>Crane engine</b>	6-cylinder turbocharged Liebherr Diesel engine, type D 926 TI-E A4, water-cooled, output acc. to DIN 270 kW (367 h.p.) at 1900 rpm, max. torque 1580 Nm at 1200 – 1600 rpm. The engine corresponds to the EU directive 97/68/EG step II and is certified acc. to EPA/CARB and Tier 2. Fuel reservoir 185 gallons.
<b>Crane drive</b>	Diesel-hydraulic by pump distribution gear with 6 axial piston variable displacement pumps with capacity control within closed oil circuits.
<b>Crane control</b>	Servo-control with electronic synchronizing device by three four-way control levers and two two-way control levers (joy-stick type). Continuous control of the crane motions by variation of the hydraulic pumps, additionally by variation of the Diesel engine speed.
<b>Winches</b>	Hydraulically driven cable drums by axial piston variable displacement motor and planetary gear with spring-loaded, hydraulically releasable static brake. Wearfree braking function during lowering by closed oil circuits. Winch 1 – hoist gear, winch 4 – derrick gear. Additional auxiliary winch for reeling of cables.
<b>Slewing gear</b>	2 slewing gears (3 resp. 5 optional), hydraulic control by axial piston fixed displacement motors and planetary gear with spring-loaded, hydraulically releasable static brake. Wearfree braking function by closed oil circuits.
<b>Crane cabin</b>	Spacious, all-steel construction cabin, swivelling sideways and tilttable backwards, with operating and control instruments. Self-contained warm-water heating/air-conditioning system (optionally).
<b>Safety devices</b>	LICCON safe load indicator, hoist limit switches, electronic inclinometer, safety valves for the prevention of pipe and hose ruptures.
<b>Electrical system</b>	Data bus technique, 24 V DC, 2 batteries 170 Ah each.
<b>Counterweight on superstructure</b>	187425 lbs, consisting of 1 slab of 33075 lbs each, 2 slabs of 11025 lbs each and 6 slabs of 22050 lbs each.

### The boom systems

<b>Main boom SL</b>	SL 92 – 394 ft (SL 354 – 394 ft exclusively with derrick boom), system 2821.10 / 2417.10, Base section 33 ft, intermediate sections 23 and 46 ft, reduction section 20 ft, 441 kips head section 26 ft.
<b>Main boom S</b>	S 59 – 354 ft (S 335 – S 354 ft exclusively with derrick boom), system 2821.10, Base section 33 ft, intermediate sections 23 ft and 46 ft, head adapter 25 ft, 661 kips head section 2 ft.
<b>Derrick boom D</b>	D 89 ft, system 2521.10, Base section 30 ft, intermediate section 30 ft, head section 30 ft.
<b>Luffing fly jib W</b>	W 78 – W 300 ft, system 2417.10, Assembly unit with A-frame I / II and base section 33 ft, intermediate sections 23 and 46 ft, 441 kips head section 26 ft.
<b>Fixed lattice jib F</b>	F 39 – 118 ft, system 1109.10, Base section 20 ft, intermediate sections 20 and 39 ft, 132 kips head section 20 ft, A-frame.
<b>Suspended ballast B</b>	Suspended ballast palette with compensating ram, radius adjustment by derrick boom, max. 441 kips derrick boom ballast at max. 49 ft counter-radius.
<b>Ballast trailer BW</b>	Ballast trailer with compensating ram and hydraulically telescopic guide system, max. 441 kips derrick boom ballast at max. 49 ft counter-radius.

### Optional equipment

<b>Winches 2, 3 and 5</b>	Winch 2 – hoist gear, winch 3 – derrick main boom/D-operation, winch 5 – derrick luffing jib.
<b>Ballast</b>	Central ballast 83752 lbs, additionally 4 slabs of 16538 lbs each. Superstructure ballast 275525 lbs, additionally 4 slabs of 11025 lbs each and 2 slabs of 22050 lbs each. Suspended ballast B 429900 lbs – 7 slabs of 11025 lbs each and 16 slabs of 22050 lbs for a total of 441000 lbs derrick ballast. Ballast trailer BW 396832 lbs – 8 slabs of 11025 lbs and 14 slabs of 22050 lbs for a total of 441000 lbs derrick ballast.
<b>Additional Mechanical supports</b>	For the erection of longer boom combinations without derrick ballast.
<b>Hydraulic mounting supports</b>	For raising the basic machine during assembly/disassembly.
<b>Hydraulic mounting ram</b>	For the self-erection of the basic machine and winches.
<b>Hydraulic ballasting device</b>	For lifting/depositing the counterweight of the superstructure.
<b>Quick Connection</b>	Rapid coupling system to facilitate separation of the superstructure from the crawler travel gear.
<b>Whip line</b>	Whip line 70550 lbs (52920 lbs), to be fitted to the S-, SL- and W-head.

Further equipment items on request.

## Technical description Description techniques

### Train de chenilles

<b>Châssis</b>	Fabrication Liebherr, construction en caisson indéformable, en acier à grain fin à haute résistance. Constitué d'une partie centrale et de deux supports de chenilles. Les supports de chenilles sont montés hydrauliquement.
<b>Train de chenilles</b>	Train de chenilles ne nécessitant pas d'entretien et protégé contre les impuretés, équipé de tuiles de 3'3" de large (3'11" en option) et d'un dispositif de graissage centralisé pour les paliers des barbotins et des galets de roulement.
<b>Transmission</b>	1 transmission hydraulique (2 en option) par support de chenilles, comprenant chacune un moteur à pistons axiaux à cylindrée variable, un train planétaires avec frein à ressort et purge hydraulique et des barbotins. Les chaînes peuvent être commandées synchroniquement, indépendamment l'une de l'autre et en sens inverse l'une par rapport à l'autre.
<b>Contrepoids central</b>	17640 lbs, comprenant 2 plaques de 8820 lbs.

### Partie tournante

<b>Châssis</b>	Construction soudée indéformable, en acier grain fin à haute résistance. Liaison par couronne d'orientation à triple rangée de rouleaux, orientation illimitée à 360°.
<b>Moteur de la grue</b>	Moteur diesel Liebherr, 6 cylindres, Type D 926 TI-E A4, refroidissement par eau, puissance selon DIN 270 kW (367 PS) à 1900 rpm, couple max. 1580 Nm à 1200 – 1600 rpm. Le moteur correspond à la directive EU 97/68/EG stage II et est certifié selon EPA/CARB et Tier 2. Capacité du réservoir de carburant: 185 gallons.
<b>Entraînement de grue</b>	Entraînement Diesel hydraulique via un mécanisme de distribution de pompes avec 6 pompes à débit variable à pistons axiaux, avec réglage de la puissance en circuits hydrauliques fermés.
<b>Commande de la grue</b>	Servo-commande avec dispositif de synchronisation électronique, via 4 manipulateurs en croix et 3 manipulateurs à deux positions. Commande des mouvements de la grue en continu, par régulation du débit des pompes et du régime du moteur Diesel.
<b>Treuil</b>	Tambour de câble à entraînement hydraulique, via un moteur à pistons axiaux à cylindrée variable, un train planétaires avec frein à ressort piloté hydrauliquement. Frein quasi-inusable via des circuits hydrauliques fermés pour les mouvements de descente. Treuil 1 – Treuil de levage, Treuil 4 – Mécanisme de relevage. Supplémentaire treuil auxiliaire pour le mouflage des câbles.
<b>Mécanisme d'orientation</b>	2 mécanismes d'orientation (3 resp. 5 en option), à entraînement hydraulique via un moteur à pistons axiaux et un train planétaires avec frein à ressort et piloté hydrauliquement. Frein quasi-inusable via des circuits hydrauliques fermés.
<b>Cabine du grutier</b>	Cabine spacieuse en tôle d'acier galvanisée, pivotable latéralement et inclinable vers l'arrière, dotée de tous les éléments de contrôle et de commande et d'un système de chauffage par eau chaude indépendant du moteur, climatisation (en option).
<b>Dispositifs de sécurité</b>	Contrôleur de charges »LICCON«, fin de course de levage, affichage électronique de l'inclinaison, clapets de sécurité contre la rupture de tuyaux et flexibles, anémomètre.

<b>Installation électrique</b>	Technologie de bus de données, 24 V en continu, 2 batteries de 170 Ah chacune.
<b>Contrepoids de la</b>	187425 lbs, comprenant 1 plaque de base de 33075 lbs, 2 plaques de 11025 lbs et 6 plaques de 22050 lbs.

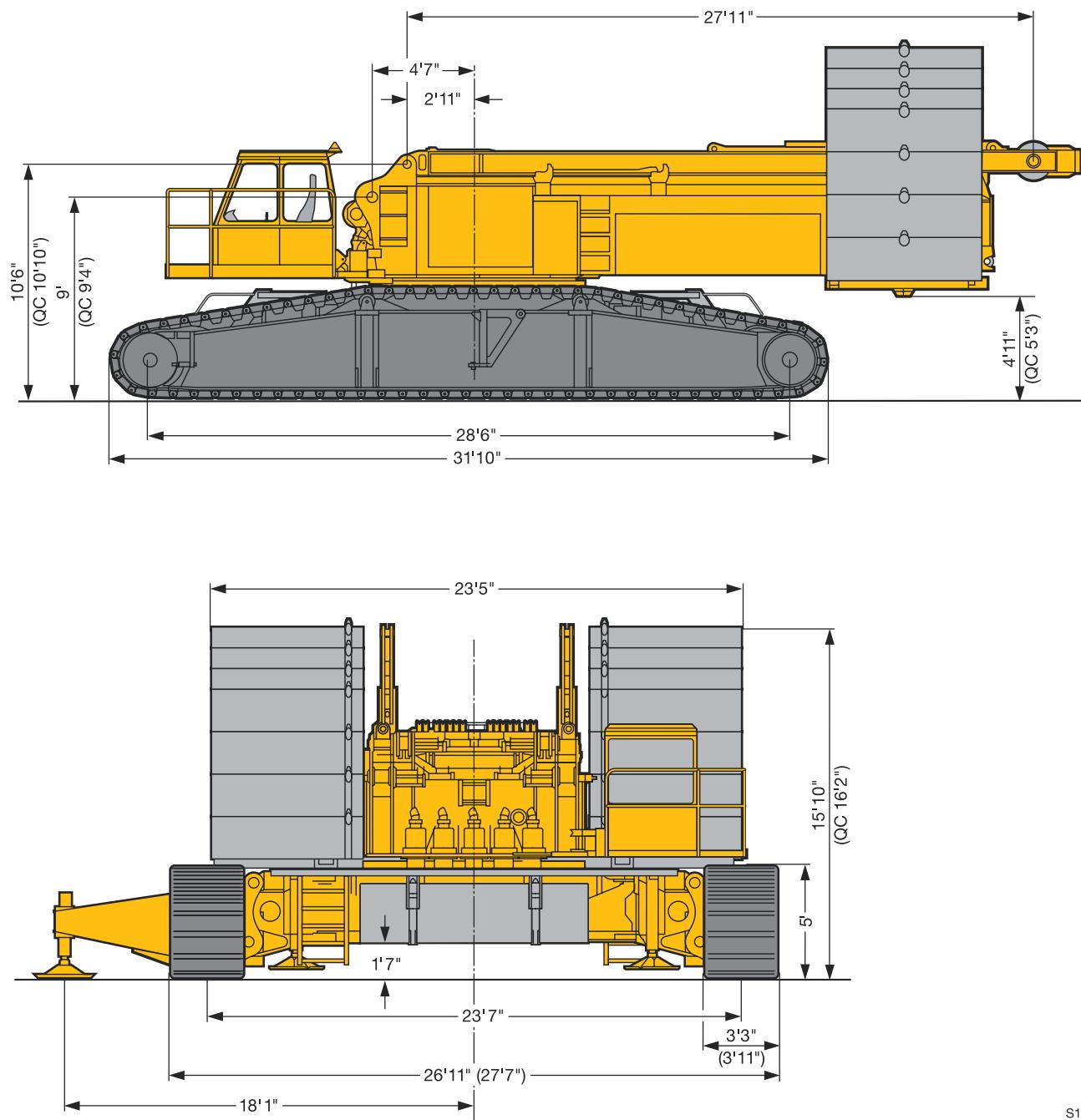
### Les systèmes de flèches

<b>Flèche principale SL</b>	SL 92 – 394 ft (SL 354 – 394 ft uniquement avec Derrick), système 2821.10 / 2417.10, Elément de base de 10 m, élément intermédiaire de 23 et 46 ft élément de réduction de 20 ft, élément de tête 441 kips de 26 ft.
<b>Flèche principale S</b>	S 59 – 354 ft (S 335 – S 354 ft uniquement avec Derrick), système 2821.10, Elément de base de 33 ft, élément intermédiaire de 23 ft et 46 ft, élément adaptateur de tête de 25 ft, élément de tête 661 kips de 2 ft.
<b>Flèche Derrick D</b>	D 89 ft, système 2521.10, Elément de base de 30 ft, élément intermédiaire de 30 ft, élément de tête de 30 ft.
<b>Fléchette à treillis à volée variable W</b>	W 78 – W 300 ft, système 2417.10, Unité de montage avec chevalet A I / II et élément de base de 33 ft, élément intermédiaire de 23 et 46 ft, élément de tête 441 kips de 26 ft.
<b>Fléchette à treillis fixe F</b>	F 39 – 118 ft, système 1109.10, Elément de base de 20 ft, élément intermédiaire de 20 et 39 ft, élément de tête 132 kips de 20 ft, chevalet A.
<b>Contrepoids suspendu B</b>	Palette de contrepoids suspendu avec vérin de guidage, réglage du rayon avec la flèche Derrick. Contrepoids Derrick de 441 kips max. pour une contreportée max. de 49 ft.
<b>Remorque à contrepoids BW</b>	Remorque à contrepoids avec vérin de guidage et système de guidage télescopable hydrauliquement. Contrepoids Derrick de 441 kips max. pour une contreportée max. de 49 ft.

### Equipement additionnel

<b>Treuil 2, 3 et 5</b>	Treuil 2 – Treuil de levage, treuil 3 – treuil de manœuvre de la flèche principale/Fonctionnement D. Treuil 5 – treuil de manœuvre de la flèche treillis à volée variable.
<b>Contrepoids</b>	Contrepoids central de 83752 lbs et 4 plaques de 16538 lbs. Contrepoids de la partie tournante de 275525 lbs et 4 plaques de 11025 lbs et 2 plaques de 22050 lbs. Contrepoids suspendu B de 429900 lbs – 7 plaques de 11025 lbs et 16 plaques de 22050 lbs pour un contrepoids Derrick total de 200 t. Chariot support de contrepoids BW de 396832 lbs – 8 plaques de 11025 lbs et 14 plaques de 22050 lbs pour un contrepoids Derrick total de 441000 lbs.
<b>Stabilisateurs mécaniques supplémentaires</b>	Pour le relevage des combinaisons de flèches longues sans contrepoids Derrick.
<b>Stabilisateurs de montage hydrauliques</b>	Pour le levage de la machine de base lors du montage / démontage.
<b>Vérin de montage hydraulique</b>	Pour le montage autonome de la machine de base et des treuils.
<b>Dispositif de lestage hydraulique</b>	Pour lever/déposer le contrepoids de la tourelle.
<b>Raccord rapide</b>	Raccord rapide permettant de désolidariser facilement la partie tournante du train de chenilles.
<b>Poulie brin simple</b>	Poulie brin simple de 70550 lbs (52920 lbs), pour le montage sur la tête de la flèche S-, SL- et fléchette W.

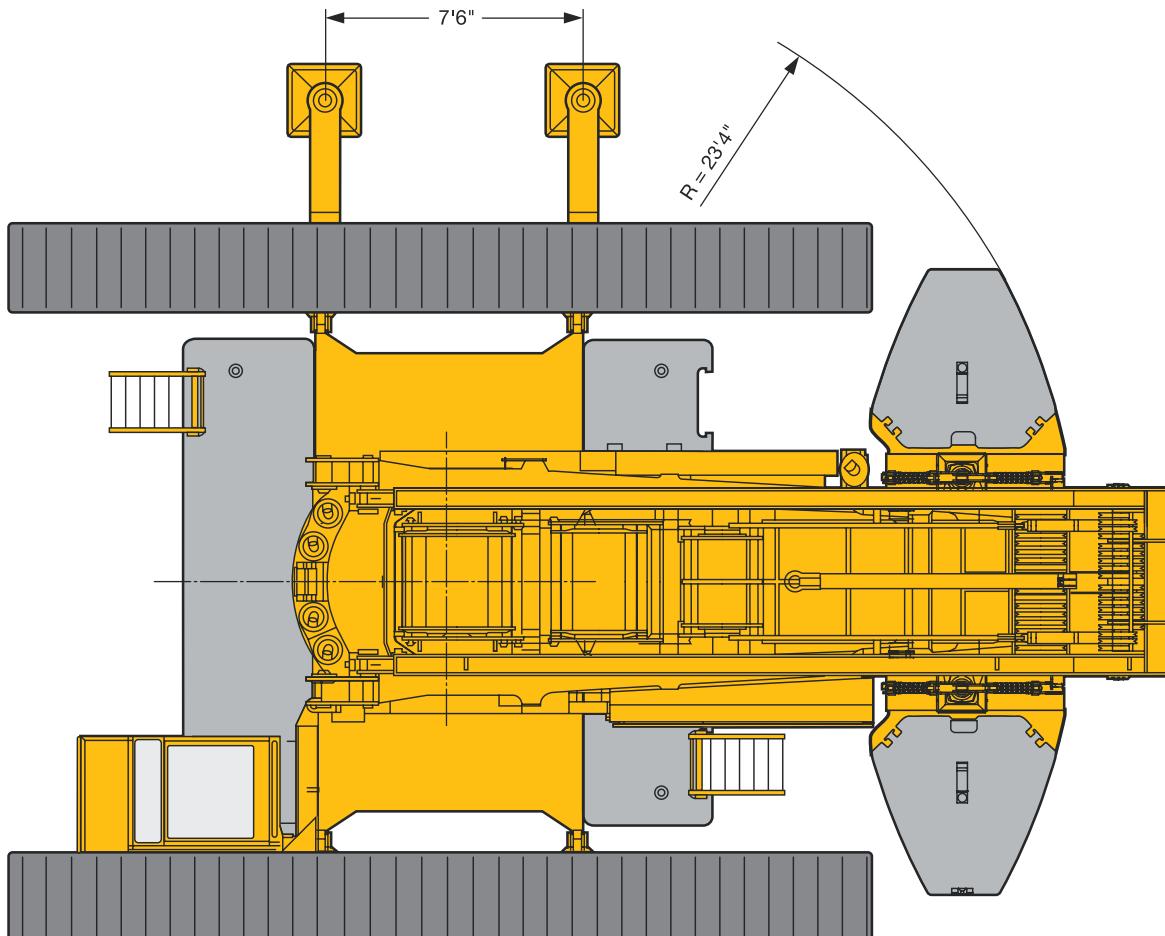
Autres équipements additionnels à la demande.

**Dimensions  
Encombrement**

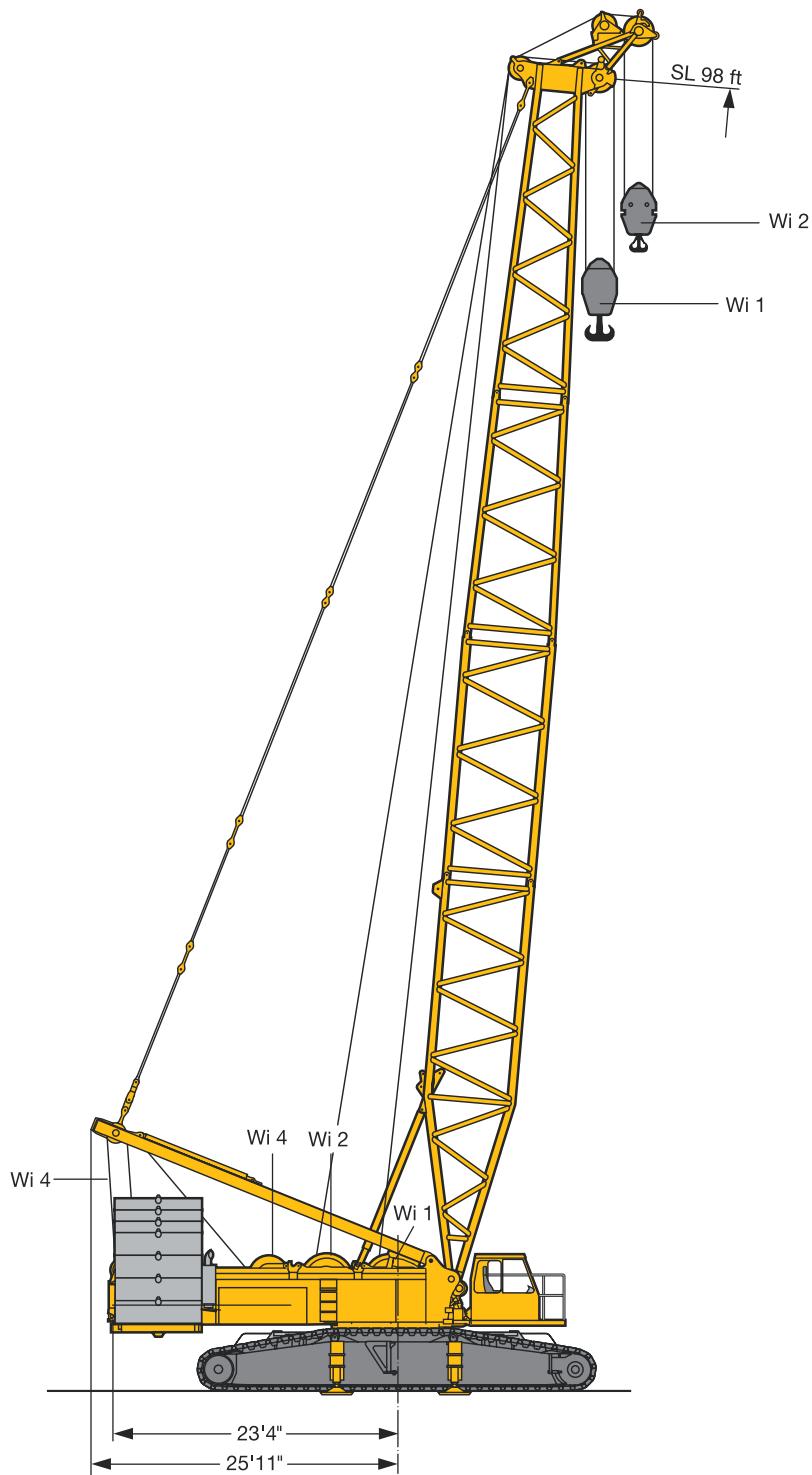
S1486



**Dimensions  
Encombrement**



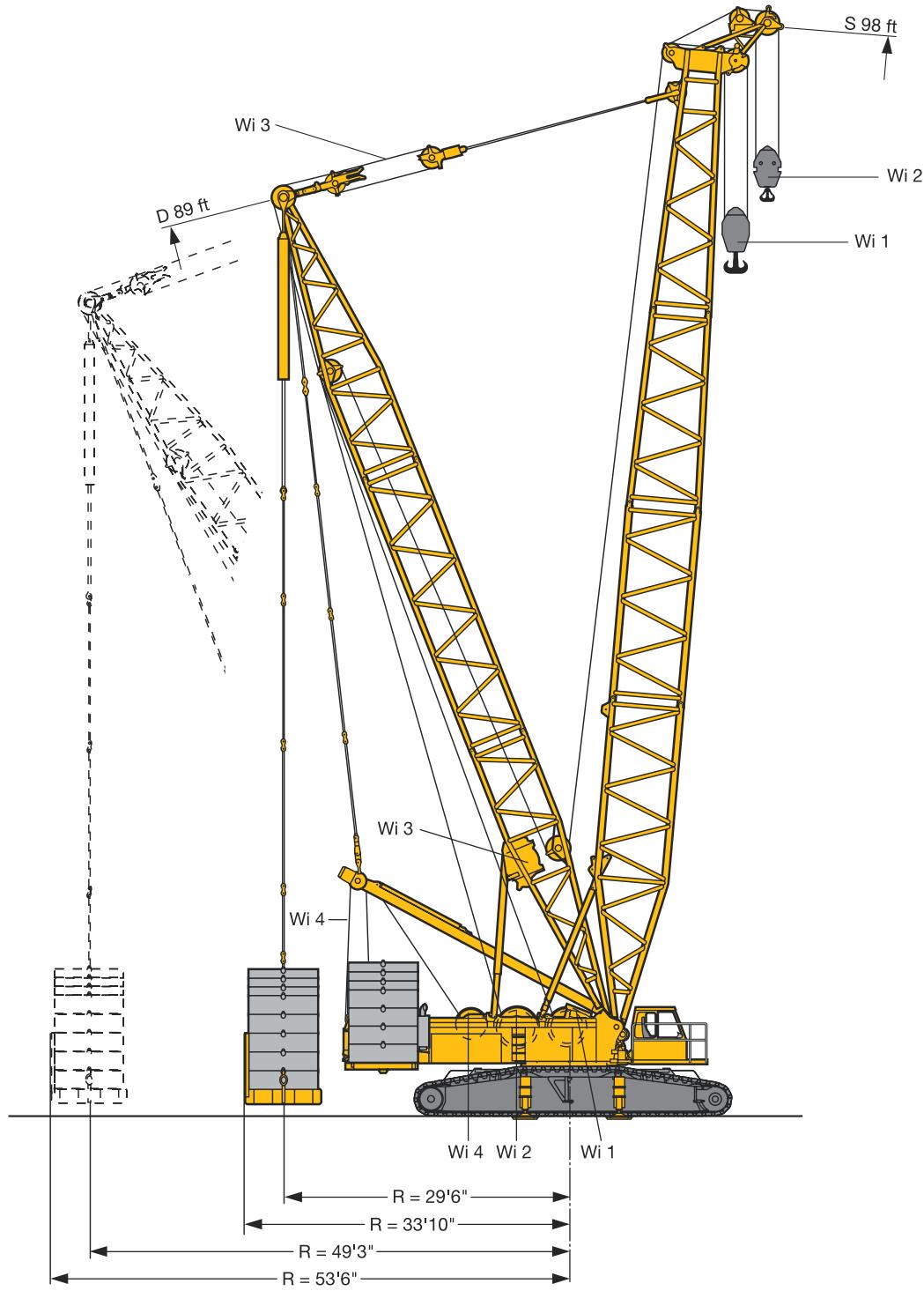
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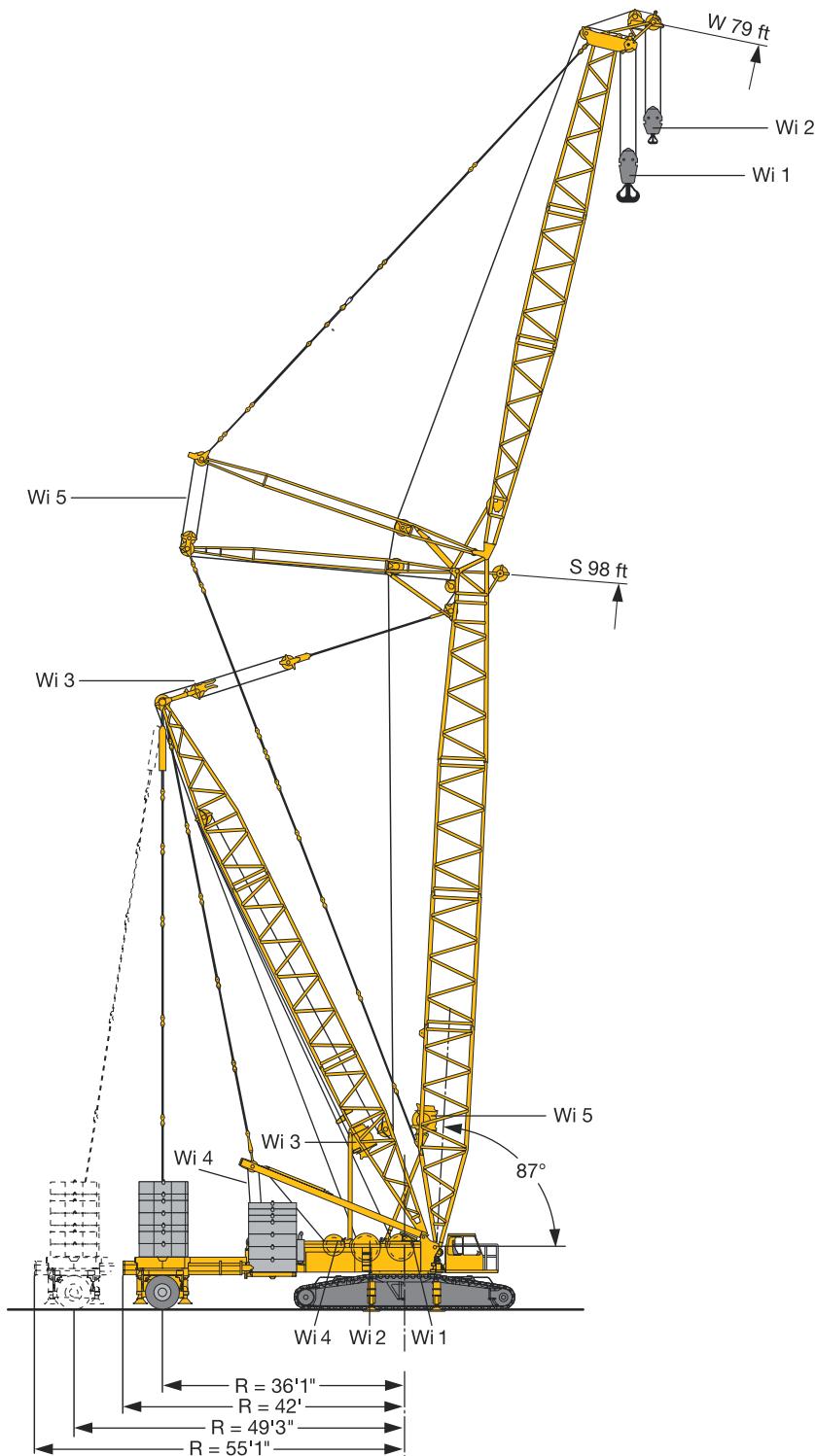
**Dimensions  
Encombrement**

S1488



**Dimensions  
Encombrement**



**Dimensions  
Encombrement**

S1490

## Working speeds Vitesses



	Total driving force with one drive per crawler carrier Puissance propulsive totale avec un entraînement par porteur-chenille	343957 lbs
	Total driving force with two drives per crawler carrier Puissance propulsive totale avec deux entraînements par porteur-chenille	687915 lbs
	Total weight with main boom S 59 ft, 187425 lbs counterweight, 8 t central ballast and 235890 lbs hook block Poids total avec flèche principale S 59 ft, contrepoids de 187425 lbs, lest central de 8 t et mousse de 235890 lbs	441000 lbs
	Average ground pressure at 441000 lbs total weight and 3'34" track pads Pression moyenne au sol à 441000 lbs de poids total et pains de chenille de 3'34"	11.3 N/cm <sup>2</sup>
		0 – 1.01

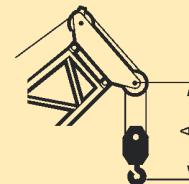


Drive Mécanismes	Mode Mode	Speeds Vitesses ft/min	Max. single line pull Effort au brin maxi. lbs	Rope diameter Diamètre du câble inch	Rope length Longueur du câble ft
	Hoist gear Mécanisme de levage	0 – 524	36000	1.10"	3280
	Hoist gear Mécanisme de levage	0 – 524	28325	1"	1968
	Derrick main boom/ D-operation Relevage mât principale/ en version D	0 – 524	29225	1"	2788
	Derrick main boom Relevage mât principale	2 x 0 – 262	2 x 24785	0.9"	1788
	Derrick luffing fly jib Relevage volée variable	0 – 524	29225	1"	2132
	0 – 84°	approx. 2 min. for boom length 335 ft env. 2 min. pour longueur de flèche de 335 ft			
		0 – 1,85 rpm			

## Hooks blocks and hooks Organes de préhension



Load (kips) Forces de levage (kips)	No. of sheaves Poulies	No. of lines Brins	Weight (lbs) Poids (lbs)	Dimension A (ft) Dimension A (ft)
* 661	520	11	22	10141/12346/14550/16755
474	373	7	15	7055/9259/11464
236	185	3	7	3307/5512/7716
104	82	1	3	2205/4409
35	26	—	1	2425
* winch / treuil 1 (1.1") / ** winch / treuil 2 (1")				



## Reeving chart, Rope Ø 1.1" Tableau de mouflage Ø 1.1"

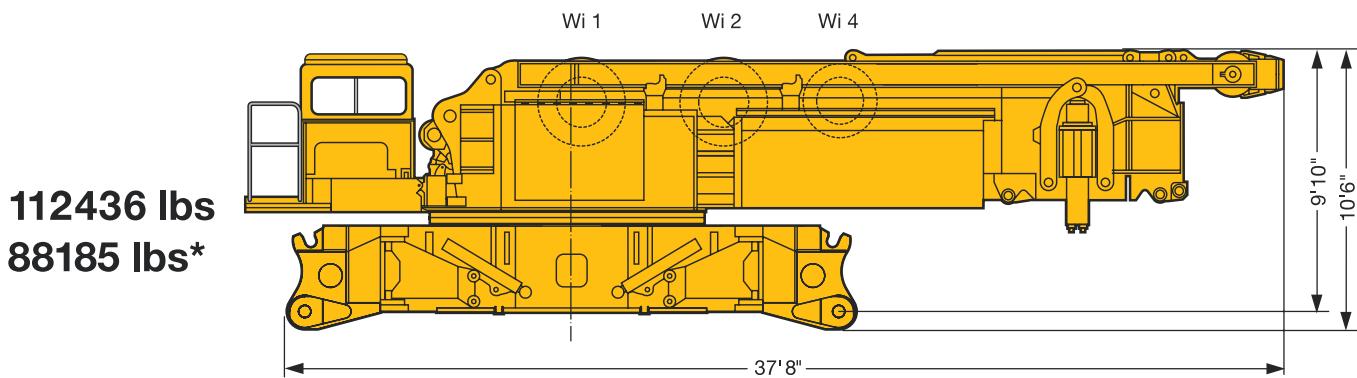
No. of lines Brins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Max. capacity kips Capacité maxi. kips	35	68	104	137	172	203	236	269	300	331	362	390	421	450	478	507	534	562	589	615	642	661
	35																					
	104																					
	236																					
	474																					
	661																					

## Reeving chart, Rope Ø 1" Tableau de mouflage Ø 1"

No. of lines Brins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Max. capacity kips Capacité maxi. kips	26	53	82	108	132	159	185	209	234	258	282	304	328	351	373	395	417	439	459	481	500	520
	26																					
	82																					
	108																					
	132																					
	159																					
	185																					
	209																					
	234																					
	258																					
	282																					
	304																					
	328																					
	351																					
	373																					
	395																					
	417																					
	439																					
	459																					
	481																					
	500																					
	520																					

## Transportation plan Plan de transport

Superstructure with winch 1,2 and 4 and crawler center section, assembly jacks and ballasting device  
Partie tournante avec treuil 1,2 et 4 et partie centrale du porteur, vérins de montage et dispositif de lestage



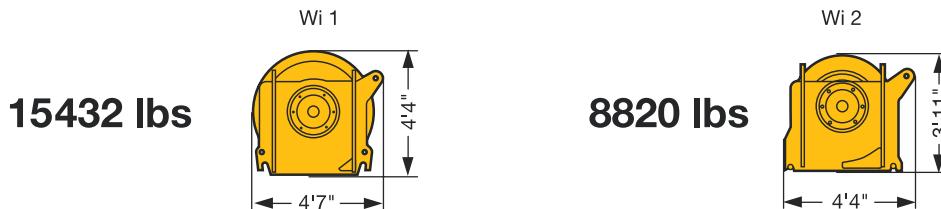
\* without winch 1 and 2, without ballasting device  
sans treuil 1 et 2, sans dispositif de lestage

Crawler with track pads 3'3" (3'11")  
Chenille avec pains de chenille de 3'3" (3'11")



Winch 1 incl. ropes  
Treuil 1 incl. câble

Winch 2 incl. ropes  
Treuil 2 incl. câble

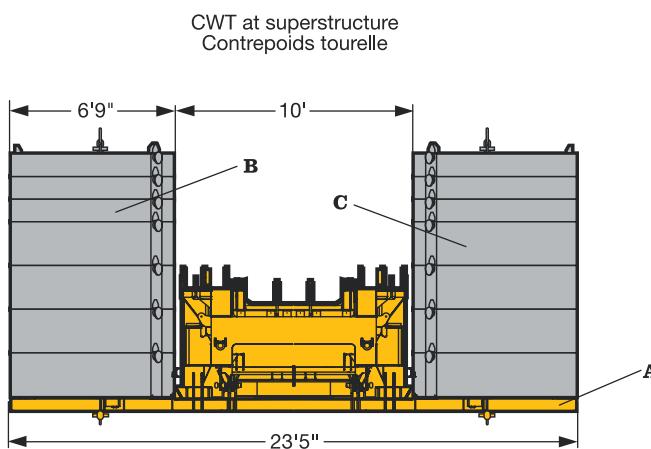


Wi = winch/treuil

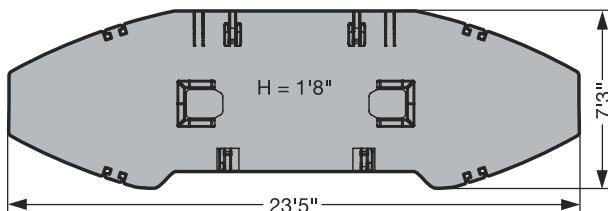
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## Transportation plan Plan de transport

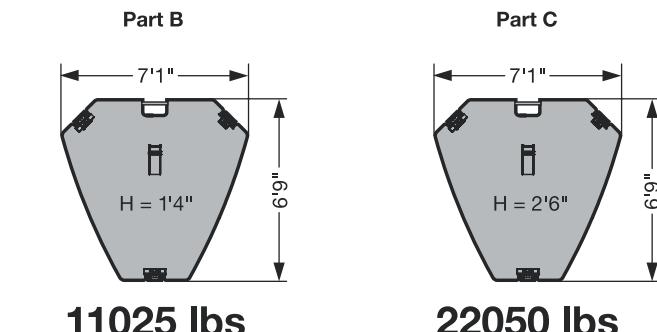
Counterweight versions  
Variantes de contrepoids



Part A

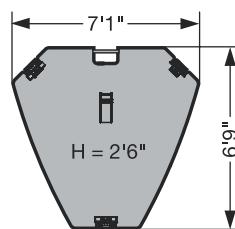


**33075 lbs**

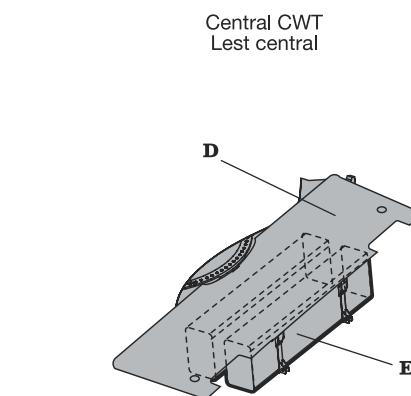


**11025 lbs**

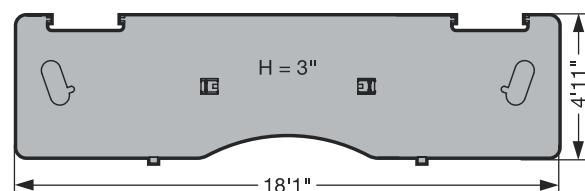
Part C



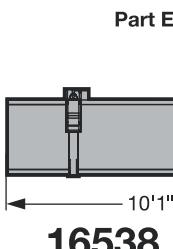
**22050 lbs**



Part D



**8820 lbs**



Part E

**16538 lbs**

	Part A 33075 lbs	Part B 11025 lbs	Part C 22050 lbs
187425 lbs	1 x	2 x	6 x
231425 lbs	1 x	6 x	6 x
275525 lbs	1 x	6 x	8 x

	Part D 8820 lbs	Part E 16538 lbs
17640 lbs	2 x	-
83752 lbs	2 x	4 x

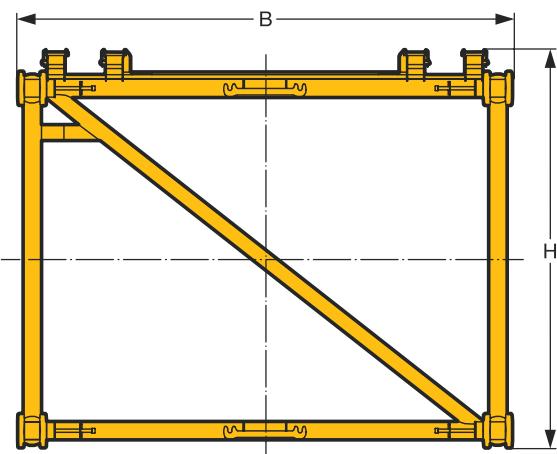
S1492

## Transportation plan

### Plan de transport

Boom intermediate sections Eléments de flèches intermédiaires		B x H	Base length Longueur de base	Transport length Longueur de transport	Weight* Poids*
S 2821.10		9'10" x 7'10"	19'8"	20'8"	4410 lbs
			39'4"	40'4"	7716 lbs
LI 2417.10		8'6" x 6'7"	19'8"	20'6"	3090 lbs
			39'4"	40'4"	5600 lbs
F 1109.10		36'9" x 3'3"	19'8"	20'4"	1550 lbs
			39'4"	40'4"	2870 lbs
D 2417.20		8'6" x 7'10"	29'6"	30'6"	7495 lbs

\* Weights incl. guy rods and bolts / Poids avec barres de haubanage et boulons



**Boom/jib combinations  
Configurations de flèche**

**S** Main boom, heavy  
Flèche principale, lourde

**L** Main boom, light  
Flèche principale, légère

**W** Luffing jib, heavy  
Fléchette, lourde

**D** Derrick  
Flèche derrick

**B** Suspended ballast  
Lest suspendu

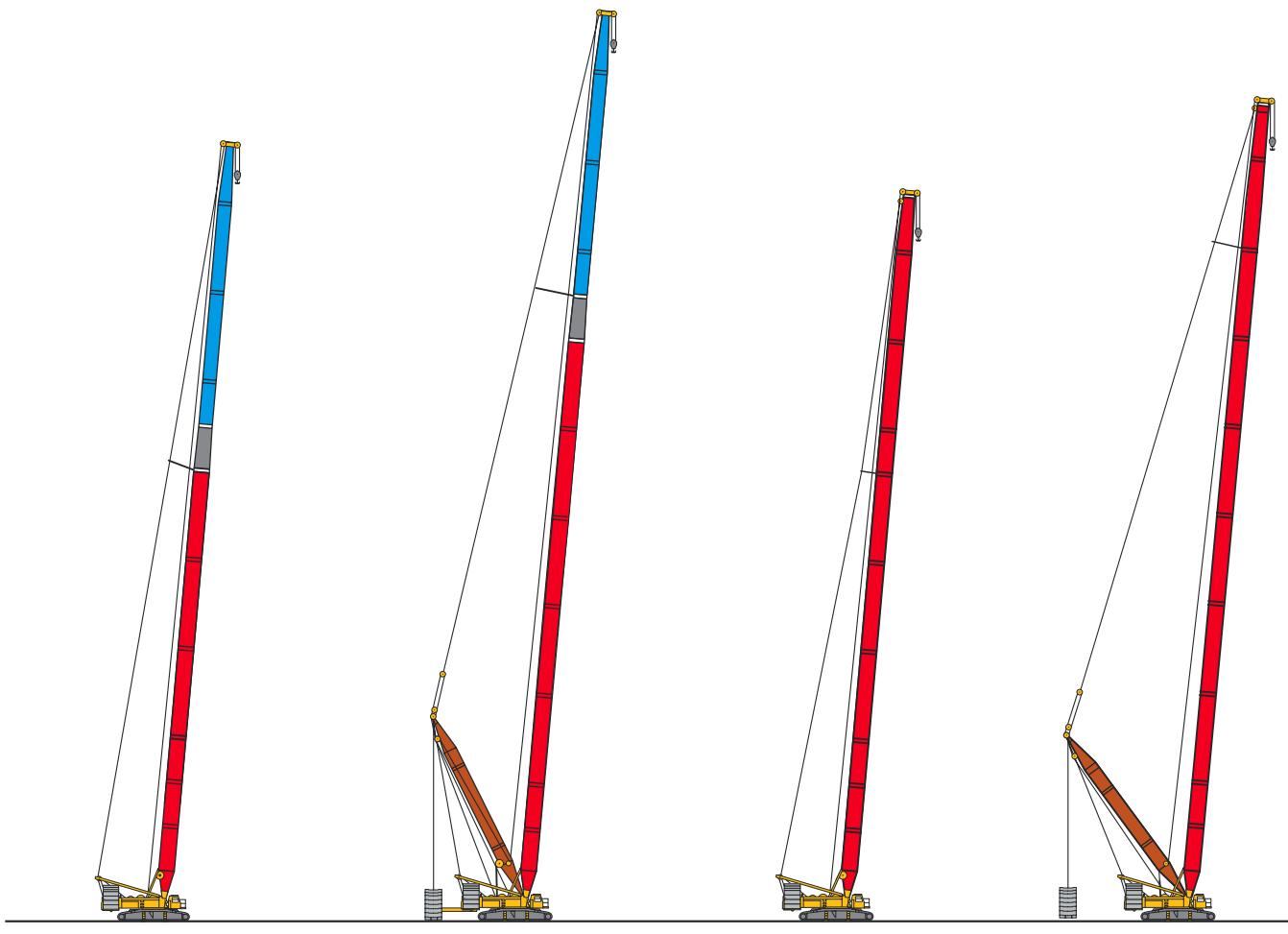
**BW** Ballast tailor  
Porteur de lest

**F** Lattice fly jib  
Fléchette treillis fixe

■ 661 Kips S-Head / S-Tête

■ 440 Kips L-Head / L-Tête

■ 132 Kips F-Head / F-Tête



**SL**  
SL 79 ft – 335 ft

**SLD, SLDB/BW**  
SL 98 ft – 394 ft  
D 89 ft

**S**  
S 59 ft – 315 ft

**SD, SDB/BW**  
S 98 ft – 354 ft  
D 89 ft

**Boom/jib combinations  
Configurations de flèche****SW**

S 79 ft - 197 ft  
W 79 ft - 295 ft

**SWB/BW**

S 98 ft - 276 ft  
W 79 ft - 295 ft  
D 89 ft

**SLF**

SL 118 ft - 315 ft  
F 39 ft - 118 ft

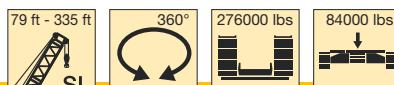
**SWF**

S 157 ft - 187 ft  
W 138 ft - 256 ft  
F 39 ft - 118 ft

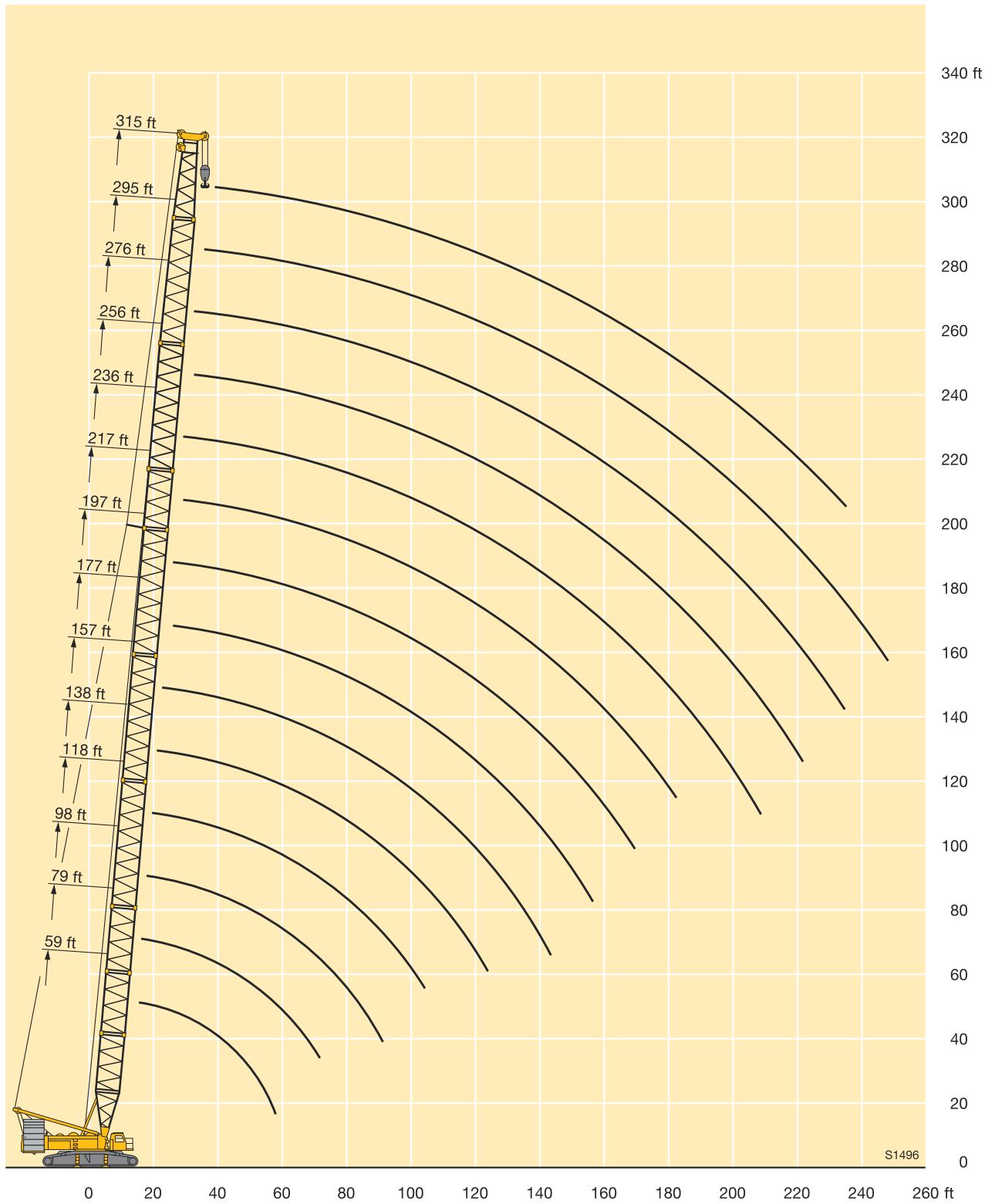
**SLDFB/BW**

on request  
sur demande

## **Lifting capacities on SL boom Forces de levage à la flèche principale SL**



TAB 136010 / 136011

**Lifting heights on SL boom**  
**Hauteur de levage à la flèche principale SL**

## Lifting capacities on SLD boom/derrick combination Forces de levage en configuration SLD

	98 ft - 394 ft	89 ft	360°	231000 lbs	84000 lbs															
	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	
23	440	440																	23	
24	424	424																	24	
26	392	390	382	384															26	
28	359	357	353	357															28	
30	328	326	322	326	323	324													30	
32	301	299	296	298	299	300	285	272	252										32	
34	278	277	274	274	276	277	273	264	247										34	
36	259	257	254	254	254	256	253	250	238	190									36	
38	242	240	237	239	237	238	237	234	227	190									38	
40	226	225	222	224	222	223	222	220	216	188	161	155	123						40	
45	196	196	193	191	190	192	191	190	188	178	159	158	122	125	119	106			45	
50	173	171	168	167	167	168	167	166	164	160	152	152	121	125	116	105			50	
55	155	150	147	146	147	148	147	146	143	142	139	139	119	124	114	104			55	
60	138	135	131	129	130	131	130	129	127	125	123	123	115	120	111	103			60	
65	123	121	118	116	116	118	116	116	114	112	110	110	106	107	105	100			65	
70	114	110	107	105	105	107	105	105	102	101	98	98	95.5	95.5	96	92			70	
75	105	100	97	95.5	95	96.5	95.5	95.5	91.5	90.5	88.5	88	86.5	85.5	86	82.5			75	
80	97.5	92	88.5	87	87	87.5	88	86.5	83	82	80	79.5	78.5	77.5	76.5	73.5			80	
85	90.5	85.5	82	79.5	79.5	80.5	81.5	78	76	75	73	73.5	71.5	71.5	68.5	65.5			85	
90	84	79.5	76	74	73.5	74.5	75.5	72	69.5	68.5	66.5	67.5	64.5	66	63	59.9			90	
95		73.5	70	68.5	68	69	70	67	63	62	60.5	62	58.1	60.5	57.8	54.9			95	
100		68.5	65	63.5	63	64	65	62.5	57.3	56.3	54.8	56.7	52.2	55.6	53	50.1			100	
105		64.5	61	58.9	58.2	58.8	60	58.3	52.6	51.6	50.1	51.6	47.3	50.9	48.4	45.5			105	
110		60.5	57.9	54.5	53.7	54.1	55.3	54.3	48.6	47.6	46.3	46.9	43.5	46.5	44.1	41.3			110	
115			54.8	51	50.1	50.4	50.8	50.5	44.8	43.8	42.8	42.4	39.9	42.2	40	37.3			115	
120			51.8	48.1	46.9	47.3	46.4	46.9	41.1	40.1	39.3	38	36.4	38.2	36.1	33.4			120	
125				45.3	44	44.7	42.2	43.4	37.6	36.6	36	33.8	33.1	34.2	32.3	29.6			125	
130				42.8	41.3	42.1	39.5	40	34.9	33.9	32.9	30.7	30	30.5	28.6	26			130	
135				40.3	38.7	39.7	37.4	36.8	32.5	31.4	29.9	28.2	27	26.9	25.2	22.6			135	
140				37.9	36.2	37.4	35.4	33.6	30.2	29.1	27	25.9	24	23.3	21.8	19.2			140	
150					32.1	32.9	31.5	29.1	25.8	24.8	22.4	21.5	19.6	18.3	16.9	14.5			150	
160						28.7	28	26	21.7	20.7	19	17.3	16.4	15	13.7	11.7			160	
170						24.7	24.6	23.4	17.9	16.8	16	13.4	13.8	12.5	11.3	9.6			170	
180						22.4	21.5	21	15.6	14.3	13.2	11	11.4	10.2	9	7.7			180	
190							18.5	18.7	13.7	12.1	10.6	9	9.1	8					190	
200								16.5	12	10.1	8.3								200	
210										10.3									210	
220										8.8									220	

\* raisable only with derrick ballast / seulement relevable avec contrepois derrick

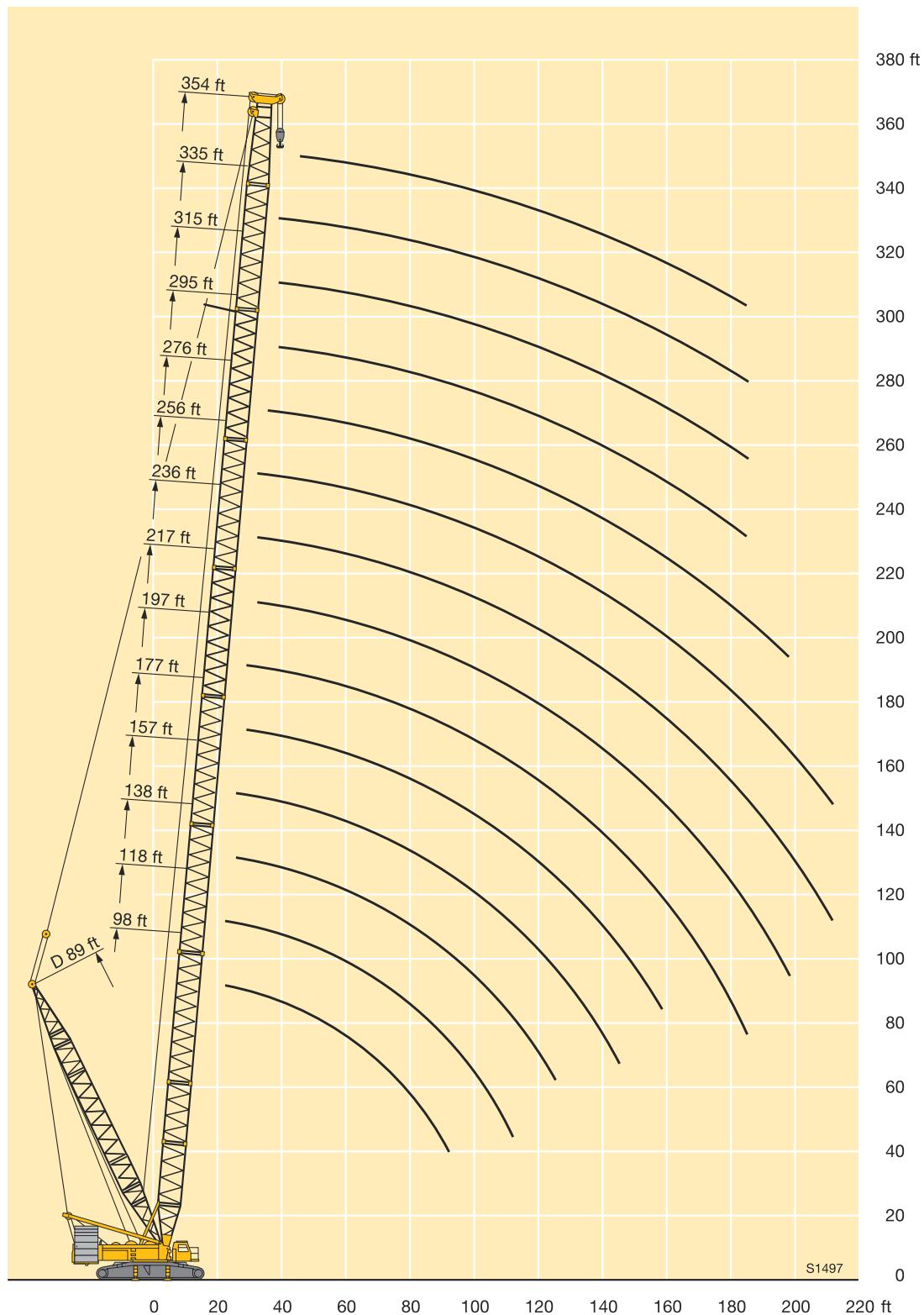
TAB 136048

### Remarks referring to load charts

- When calculating crane stresses and loads, German Industrial Standards (DIN) are applicable, in conformance with new German legislation (published 2/85). The lifting capacities (stability margin) DIN/ISO correspond to DIN 15019, part 2, and ISO 4305 (Tested load = 1.25 x lifting capacity + 0.1 x boom dead weight, reduced to the boom point). The crane's structural steel work is in accordance with DIN 15018, part 2 and with F.E.M. regulations.
- Lifting capacities are given in metric tons.
- The weight of the load hook and hook blocks as well as of the lifting tackle must be deducted from the lifting capacities.
- The working radii are measured from the slewing centreline.
- Unless particularly specified, crane operation is permissible up to a dynamic pressure of 50 N/m<sup>2</sup>, wind speed of 9 m/s. For further details in respect to wind speeds refer to the operating instructions.
- The subsoil must be even and of good bearing capacity.
- Subject to modification of lifting capacities.
- The crane can be displaced with suspended loads as stated in the load charts. Operating conditions must conform to the rules in the operating instructions.
- Lifting capacities above 300 t only with special equipment.

### Remarques relatives aux tableaux des charges

- La grue est calculée selon normes DIN conformément au décret fédéral 2/85. Les charges DIN/ISO respectent les sécurités au basculement requises par les normes DIN 15019, partie 2 et ISO 4305. La structure de la grue est conçue selon la norme DIN 15018, partie 3. La conception générale est réalisée selon la norme DIN 15018, partie 2, ainsi que selon les recommandations de la F.E.M.
- Les charges sont indiquées en tonnes.
- Les poids du crochet ou du moufle ainsi que des élingues sont à déduire des charges indiquées.
- Les portées sont prises à partir de l'axe de rotation de la partie tournante.
- Sinon spécifié autrement, le service de grue est admissible jusqu'à une pression dynamique de 50 N/m<sup>2</sup>, vitesse de vent de 9 m/s. D'autres indications concernant les vitesses de vent sont stipulées dans les instructions de service.
- Le sol doit être plat et résistant.
- Chargés données sous réserve de modification.
- La grue peut être déplacée avec les charges indiquées dans les tableaux des charges. Les conditions de service sont stipulées dans les instructions de service.
- Forces de levage plus de 300 t seulement avec équipement supplémentaire.

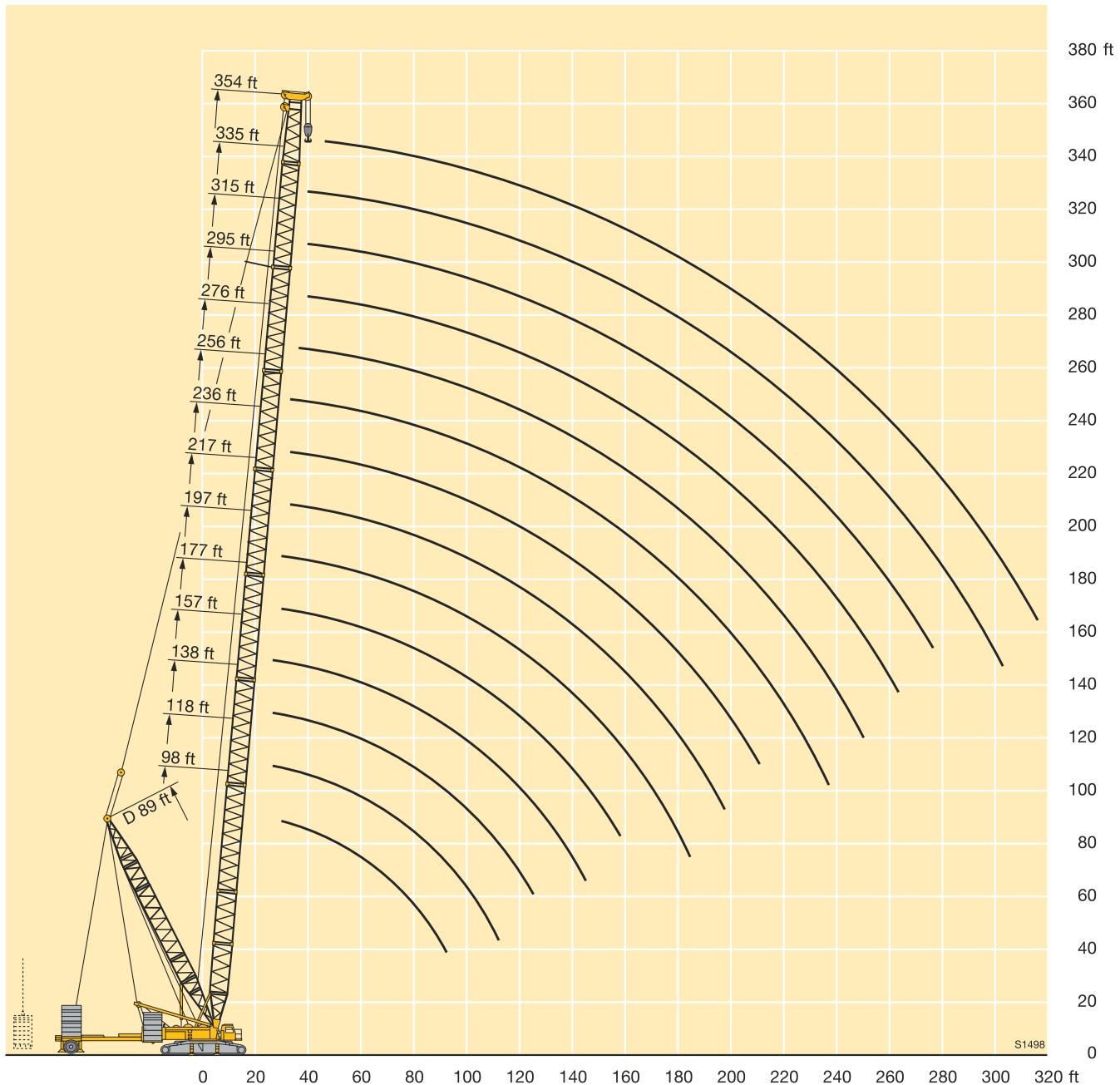
**Lifting heights on SLD boom/derrick combination  
Hauteur de levage en configuration SLD**

## Lifting capacities on SLDB/BW boom/derrick combination Forces de levage en configuration SLDB/BW

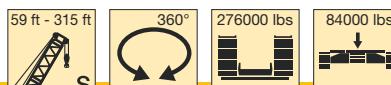
	98 ft - 394 ft	89 ft	360°	187000 lbs	18000 lbs	B	BW	max. 441000 lbs max. 49 ft
	SL	D						
23	441	441						23
24	441	441						24
26	441	441	441	423				26
28	441	441	441	423				28
30	441	441	441	422	396	350		30
32	441	441	441	422	396	351	320	32
34	441	441	441	422	396	351	321	34
36	441	441	441	422	397	351	321	36
38	441	441	441	422	397	351	321	38
40	441	441	441	424	397	350	321	40
45	441	441	441*	423	396	350	321	45
50	441	441	441	423	396	350	322	50
55	436	441	441	423	395	350	318	55
60	436	440	441	423	395	348	312	60
65	407	433	440	423	395	340	301	65
70	374	402	417	406	393	327	290	70
75	343	370	387	384	380	315	279	75
80	313	342	357	359	358	302	267	80
85	284	317	334	332	334	289	255	85
90	252	295	312	313	313	276	243	90
95		274	292	297	294	263	231	95
100		254	272	282	276	250	220	100
105		233	254	268	260	238	209	105
110		211	237	251	245	226	198	110
115			222	237	232	215	189	115
120			206	224	219	204	180	120
125				211	207	194	172	125
130				199	198	185	164	130
135					188	189	177	135
140					176	181	168	140
150						165	152	150
160							138	160
170							124	170
180							109	180
190								190
200							90.5	200
210							122	210
220							107	220
230								230
240								240
250								250
260								260
270								270
280								280
290								290
300								300
310								310
320								320
330								330
340								340

\* maximum load moment / couple de charge maximum

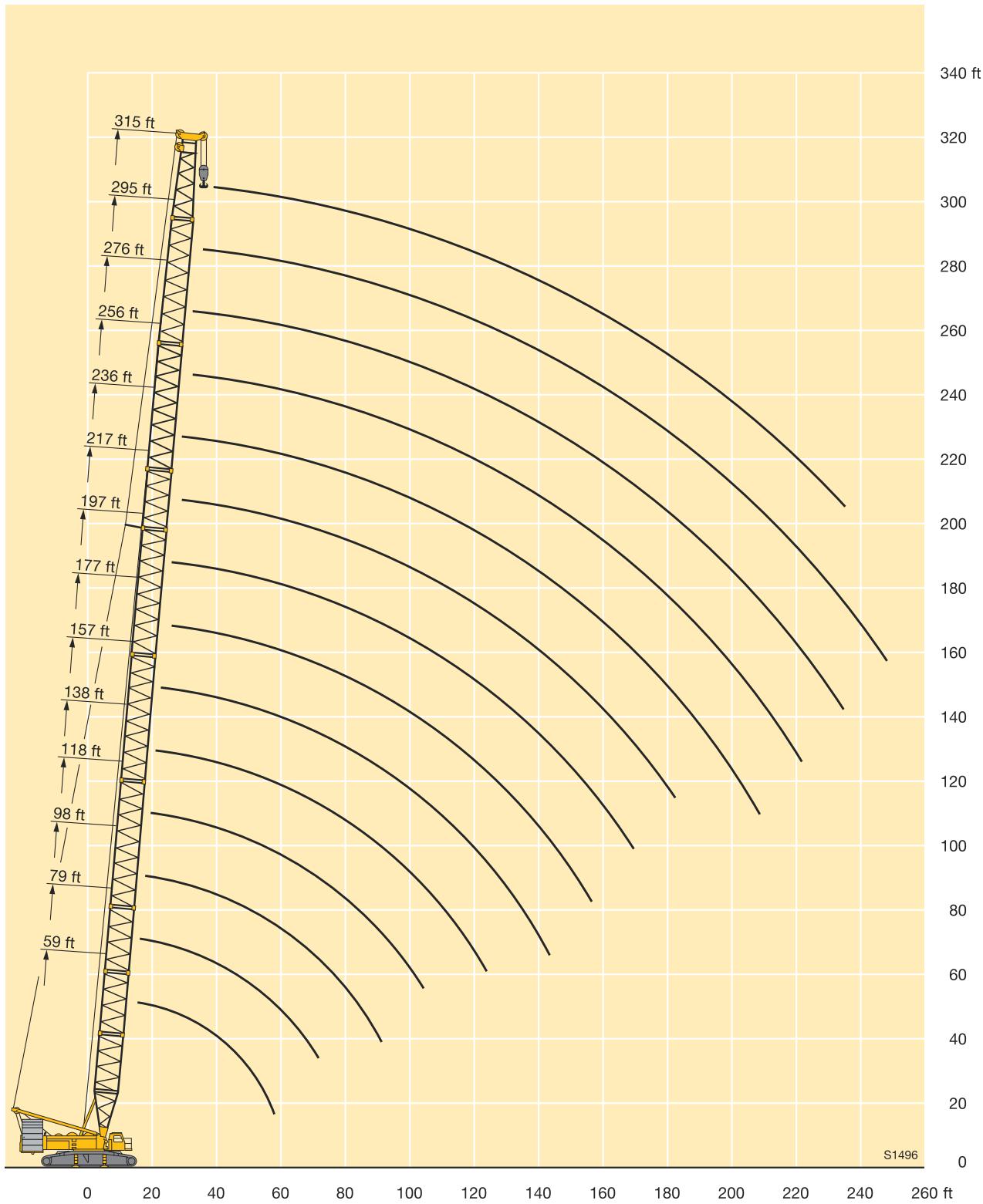
TAB 136025 / 136026 / 136027 / 136124 / 136128 / 136129 / 136130

**Lifting heights on SLDB/BW boom/derrick combination  
Hauteur de levage en configuration SLDB/BW**

### **Lifting capacities on S boom Forces de levage à la flèche principale S**



TAB 136131 / 136132

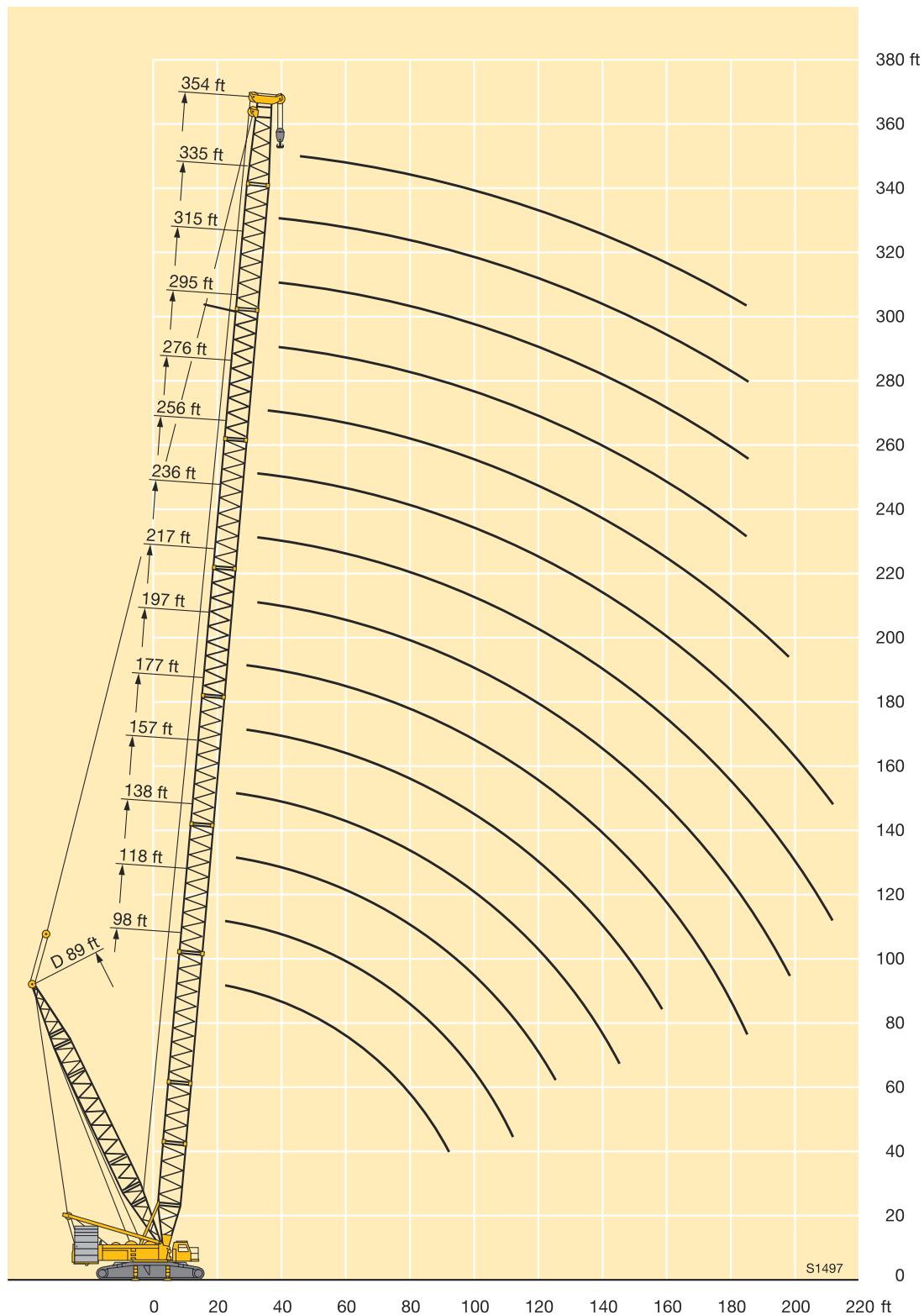
**Lifting heights on S boom  
Hauteur de levage à la flèche principale S**

## Lifting capacities on SD boom/derrick combination Forces de levage en configuration SD

	98 ft - 354 ft	89 ft	360°	231000 lbs	84000 lbs														
	S	D																	
21	508																	21	
22	490																	22	
23	463	461																23	
24	439	437																24	
26	391	390	381	383														26	
28	356	355	351	355														28	
30	325	323	319	324	320	320												30	
32	298	296	293	295	296	296	280	266	254									32	
34	275	274	270	271	273	274	268	258	247									34	
36	255	254	250	251	251	251	249	244	234	222								36	
38	239	237	233	235	233	234	233	230	222	212								38	
40	223	222	218	221	218	218	217	217	211	202	194	183	161					40	
45	192	192	189	187	186	187	186	186	184	180	173	166	157	132				45	
50	170	167	164	163	163	163	162	161	160	158	154	150	144	130				50	
55	152	147	144	143	143	143	142	141	140	138	135	134	131	124				55	
60	135	131	128	126	126	126	125	124	123	122	118	118	118	114				60	
65	120	117	114	113	112	113	111	111	110	108	105	105	103	102				65	
70	110	107	103	102	101	102	99.5	101	98	96.5	93.5	93	92	90.5				70	
75	102	97	93.5	92	91	91.5	90.5	91	88	86	84	83	82.5	80.5				75	
80	94	88.5	85	83.5	82.5	82.5	83	82	79.5	77.5	76	75	74.5	72				80	
85	87	81.5	78.5	76	75	75.5	76.5	73	72.5	70.5	69	68.5	67.5	66				85	
90	80.5	75.5	72	70	69	70	71	67	66	64	62.5	63	60.5	60.5				90	
95		70	66.5	65	64	64.5	65	62	59.5	57.8	56.1	57.4	54	55.5				95	
100		65	61.5	59.9	58.7	59	60	57.6	53.8	52.2	50.5	52.2	48.1	50.6				100	
105		60.5	57.5	55.2	54	53.9	55	53.3	49.1	47.4	45.8	47.2	43.2	46				105	
110		56.9	54.2	50.8	49.5	49.2	50.3	49.3	45.1	43.4	42.1	42.5	39.4	41.6				110	
115			51.1	47.2	45.8	45.5	45.7	45.5	41.3	39.5	38.5	38	35.8	37.5				115	
120			48	44.3	42.6	42.4	41.3	41.8	37.7	35.9	35	33.6	32.3	33.5				120	
125				41.5	39.7	39.8	37.1	38.3	34.2	32.4	31.7	29.5	29	29.6				125	
130				38.9	37	37.3	34.5	34.9	31.5	29.6	28.6	26.4	25.9	25.9				130	
135					36.4	34.4	34.9	32.3	31.7	29.1	27.2	25.6	24	22.9	22.3			135	
140					34	31.8	32.6	30.3	28.5	26.8	24.9	22.7	21.8	19.9	18.8			140	
150						27.7	28.2	26.5	24	22.5	20.7	18.2	17.6	15.6	14			150	
160						24	23	21	18.4	16.6	15	13.6	12.7	11.1				160	
170							20	19.6	18.6	14.6	12.8	12.2	9.9	10.5	9.2			170	
180							17.7	16.5	16.3	12.4	10.5	9.7	7.7	8.4	7.3			180	
190								13.6	14.1	10.6	8.5							190	
200									12.1	9								200	

\* raisable only with derrick ballast / seulement relevable avec contre-poids derrick

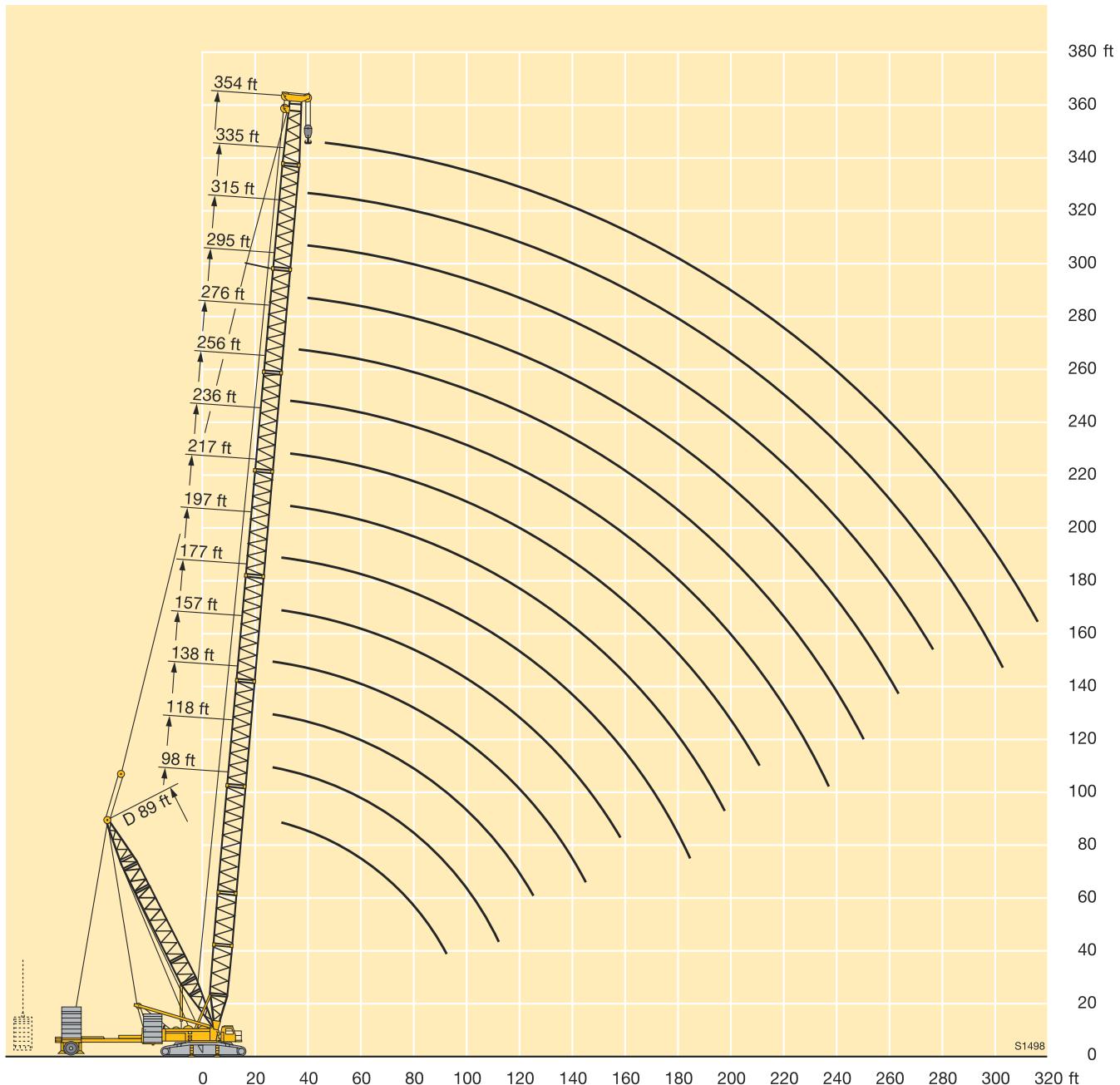
TAB 136036

**Lifting heights on SD boom/derrick combination  
Hauteur de levage en configuration SD**

## Lifting capacities on SDB/BW boom/derrick combination Forces de levage en configuration SDB/BW

	98 ft - 354 ft	89 ft	360°	187000 lbs	18000 lbs	B	BW	max. 441000 lbs max. 49 ft								
	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft	315 ft	335 ft	354 ft		
21	661													21		
22	661													22		
23	661	661												23		
24	661	661												24		
26	661	661	661	621										26		
28	661	661	661	618										28		
30	661	661	661	616	541	460								30		
32	661	661	661	613	537	457	390	346	298					32		
34	661	661	661	608	533	455	389	345	297					34		
36	661	661	661	606	530	452	387	344	296	256				36		
38	661	661	655	602	527	449	385	343	295	254				38		
40	654	655	644	599	524	447	383	341	294	253	220	187	162	40		
45	594	608	597	594	517	442	380	339	291	250	216	183	160	45		
50	535	559	550	554	510	437	376	336	289	247	214	181	159	50		
55	481	513	506	512	492	432	372	332	285	243	212	180	158	55		
60	435	470	468	475	463	425	367	326	282	240	210	178	156	60		
65	396	429	438	441	434	417	362	320	276	235	208	177	155	65		
70	363	394	412	411	409	400	357	315	271	231	207	176	154	70		
75	333	362	383	384	382	379	349	310	266	227	205	174	153	75		
80	304	333	352	357	356	356	338	304	261	222	203	172	152	80		
85	277	308	327	330	332	322	298	255	217	200	169	151	124	85		
90	245	286	305	311	312	312	306	288	250	212	198	166	148	90		
95	265	284	294	293	293	290	277	245	208	196	163	146	119	95		
100	245	264	278	275	276	274	266	240	203	194	161	143	117	100		
105	226	246	261	258	261	259	254	235	199	192	158	141	115	105		
110	204	230	245	243	247	245	243	228	194	190	156	139	113	110		
115		214	231	230	234	232	231	221	189	188	154	137	111	115		
120		199	217	217	222	221	220	213	184	185	152	135	109	120		
125			205	205	210	210	209	205	179	181	150	133	107	125		
130			192	196	200	201	200	197	175	176	147	130	106	130		
135				181	187	191	192	191	189	170	171	145	126	104	135	
140				169	177	182	184	183	180	165	166	143	122	102	140	
150					160	165	168	168	165	156	155	137	116	98.5	150	
160						148	154	153	152	146	143	131	110	94	160	
170						133	141	140	141	136	131	125	104	89.5	170	
180						119	128	130	130	126	121	116	100	85.5	180	
190							116	119	120	115	110	107	95.5	81.5	190	
200								108	110	106	101	98.5	91	77.5	200	
210									100	97	92	93	87	74	210	
220									92	89	87	86	82.5	70.5	220	
230										84	83.5	82.5	81	77.5	66.5	230
240										78	78	77	74	62.5	240	
250											73.5	72.5	70.5	58.7	250	
260											67.5	67	67	54.9	260	
270												61.5	62.5	51.2	270	
280													58.2	47.6	280	
290													53.9	44.1	290	
300													49.3	40.1	300	
310														35.5	310	

TAB 136022 / 136023 / 136024 / 136123 / 136125 / 136126 / 136127

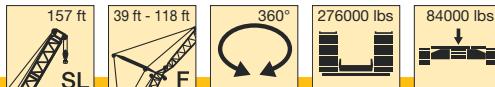
**Lifting heights on SDB/BW boom/derrick combination  
Hauteur de levage en configuration SDB/BW**

## Lifting capacities on SLF boom/jib combination Forces de levage en configuration SLF



	118 ft														
	39 ft			59 ft			79 ft			98 ft			118 ft		
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°
32	132														
34	132														
36	132														
38	132														
40	132														
45	132	130		129			105								
50	132	125		122			100								
55	132	119	78.5	116	83		95			80			56.5		
60	132	114	76.5	110	79.5		89			76			55.7		
65	132	109	74	105	76	55.5	84	60.5		71.5			55.1		
70	128	105	72.5	99.5	73	54	79.5	58.1		67.5			54.2		
75	123	101	70.5	94.5	70.5	52.5	75	55.7		64	47		53.1		
80	118	97	69	89	67.5	51.1	71	53.5	42.3	60.5	45		51.6		
85	114	94	67	84.5	65.5	49.9	67.5	51.5	41	57.2	43.1		50.1	38.2	
90	106	91	66	80.5	63	48.7	64	49.7	39.9	54.2	41.4		48.1	36.7	
95	99	88.5	65	77	61	47.6	60.5	47.9	38.8	51.4	39.9	32.2	45.8	35.2	
100	92	86	64	74	59.1	46.5	57.8	46.3	37.8	48.7	38.4	31.2	43.4	33.7	100
105	86	83.5	63	71	57.4	45.5	55.4	44.7	36.9	46.2	37	30.3	41.1	32.4	105
110	81	81	62	68	55.9	44.8	53.3	43.2	36.1	44.1	35.7	29.4	38.9	31.2	25
115	76	77	61.5	65.5	54.5	44.2	51.2	41.9	35.2	42.2	34.5	28.6	36.9	30.1	24.2
120	72	72.5	60.5	63	53.1	43.6	49.3	40.8	34.5	40.6	33.3	27.9	35.2	29	23.4
125	68	68.5	60.5	60.5	51.8	43	47.4	39.7	33.8	39	32.2	27.2	33.7	28	22.8
130	64	65	60.5	58.2	50.5	42.5	45.6	38.7	33.3	37.5	31.2	26.5	32.3	27	22.1
135	61			56.5	49.5	42	43.9	37.7	32.8	36.1	30.4	25.9	31.1	26.1	21.5
140	57.9			54.9	48.7	41.7	42.3	36.8	32.3	34.7	29.6	25.3	29.9	25.2	20.9
150				51.6	47.5		39.5	35.1	31.4	32.1	28	24.3	27.5	23.7	19.8
160							37.3	33.7	30.8	29.7	26.6	23.5	25.3	22.4	18.9
170							35.4	33	30.8	27.9	25.2	22.7	23.3	21.2	17.0
180							33.6			26.4	24.4	22.2	21.7	20	17.5
190										25	23.9		20.4	19.1	16.9
200											19.3	18.4	16.5	200	

TAB 136060 / 136066 / 136072



	138 ft														
	39 ft			59 ft			79 ft			98 ft			118 ft		
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°
32	132														
34	132														
36	132														
38	132														
40	132														
45	132	123		129			98.5								
50	132	119		116			94.5								
55	132	115	79.5	110	84		90			75.5					
60	132	111	77.5	105	81	85.5			72.5			56.2			
65	129	107	75.5	101	77.5	55.9	82	61	69.5			55.3			
70	125	104	73.5	96.5	75	54.6	78.5	59	66.5			54.1			
75	120	101	72	92.5	72	53.2	75	56.8	64	47.6		52.7			
80	115	98	70.5	89	70	51.9	72	54.7	42.6	61.5	45.7	51.1			
85	111	95.5	69	85.5	67.5	50.7	69.5	52.8	41.4	58.9	43.9	49.6	38.7		
90	105	93	67.5	82	65.5	49.6	67	51	40.4	56.6	42.3	47.9	37.3		
95	97.5	91	66.5	79.5	63.5	48.5	64	49.4	39.4	54.2	40.8	32.5	46.2	35.9	
100	91	88.5	65.5	76.5	61.5	47.5	61.5	47.8	38.5	51.7	39.4	31.6	44.6	34.5	100
105	85	86	64.5	74.5	59.7	46.6	58.8	46.4	37.6	49.3	38.1	30.7	43.1	33.2	105
110	79.5	81	63.5	72	58.2	45.7	56.5	45	36.8	47	36.9	29.9	41.4	32.1	110
115	75	76	63	70	56.8	45	54.5	43.6	36	44.9	35.7	29.1	39.5	31	24.5
120	70.5	71.5	62	68	55.5	44.4	52.6	42.4	35.3	43	34.6	28.4	37.6	30	23.8
125	66.5	67.5	61.5	65.5	54.2	43.9	50.8	41.3	34.6	41.4	33.5	27.7	35.8	29	23.1
130	63	63.5	60.5	63	53	43.4	49	40.3	34	40	32.4	27.1	34.3	28	22.5
135	59.7	60.5	58.9	59.9	51.8	42.9	47.4	39.4	33.5	38.6	31.6	26.5	33.1	27.1	22
140	56.6	57.2	56.7	56.9	50.7	42.4	45.8	38.5	33	37.3	30.7	25.9	31.9	26.3	21.4
145	51.1	51.6		56.7	51.3	49	41.7	42.7	36.8	32.2	34.7	29.2	24.9	29.6	24.7
150				46.5	46.9		40	35.2	31.4	32.3	27.9	24.1	27.5	23.4	19.4
160				42.3	42.9		38	33.9	30.7	30.1	26.6	23.4	25.5	22.2	18.7
170							36.2	33.2	30.6	28.4	25.3	22.7	23.6	21.1	18
180							34.6	32.7		26.9	24.5	22.2	22	20.1	17.5
190										25.6	24		19.7	18.5	210
200													18.7	18.1	220
210													17.8		230

TAB 136060 / 136066 / 136072

## Lifting capacities on SLF boom/jib combination Forces de levage en configuration SLF



A ft	157 ft															A ft
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	
36	132															36
38	132															38
40	132															40
45	132	131		129				103								45
50	132	128		124				100								50
55	132	124	80.5	119				96								55
60	132	120	78.5	114	88.5			92								60
65	132	116	76.5	109	85.5	56.3		88.5	67							65
70	132	113	75	105	82.5	55.1		85.5	65							70
75	129	110	73.5	102	80	53.7		82	63							75
80	122	107	72	98	77.5	52.5		79.5	60.5							80
85	112	104	70.5	94.5	75	51.4		76.5	58.7	41.8						85
90	104	101	69	91.5	73	50.3		74	56.9	40.8						90
95	96.5	97	68	88.5	71	49.3		71.5	55.2	39.9						95
100	90	91.5	66.5	86	69	48.4		69.5	53.7	39						100
105	84	85	65.5	83.5	67	47.5		67.5	52.1	38.2						105
110	78.5	80	65	78.5	65.5	46.7		65	50.7	37.4						110
115	74	75	64	74	64	45.9		62.5	49.3	36.7						115
120	69.5	70.5	63.5	69.5	62.5	45.2		60.5	48	36						120
125	65.5	66.5	62.5	65.5	61	44.5		58.5	46.8	35.3						125
130	61.5	62.5	62	62	59.8	44.1		56.7	45.6	34.7						130
135	58.5	59.4	59.6	58.8	58	43.6		55	44.7	34.2						135
140	55.5	56.2	56.6	55.7	56	43.2		53.3	43.7	33.7						140
150	49.9	50.6	51	50.1	51.3	42.3		49.6	41.9	32.8						150
160	45.1	45.7		45.3	46.3	41.6		45.6	40.3	32						160
170	40.9	41.3		41	41.9	41.1		41.3	38.7	31.4						170
180				37.4	38.1			37.7	37.5	30.7						180
190				34.2				34.4	35.1	30.5						190
200										31.4	32.2					200
210																210
220																220
230																230
240																240

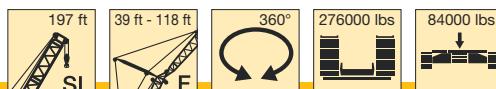
TAB 136060 / 136066 / 136072



A ft	177 ft															A ft
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	
36	132															36
38	132															38
40	132															40
45	132	123		121												45
50	132	120		117				90								50
55	132	116		112												55
60	132	113	79	108	82			86.5								60
65	132	110	77.5	104	80			83.5								65
70	130	107	76	100	77.5			80.5								70
75	126	104	74.5	96.5	75.5	54.1		77.5	61							75
80	119	102	73	93.5	73.5	53		75	59.2							80
85	111	100	71.5	90.5	72	51.9		72.5	57.7	42						85
90	103	98	70.5	88	70.5	50.9		70.5	56.3	41.1						90
95	95.5	95	69	85.5	68.5	50		68	54.9	40.2						95
100	88.5	90.5	68	83	67.5	49.1		66	53.7	39.4						100
105	82.5	84	67	80.5	66	48.2		64	52.5	38.6						105
110	77.5	79	66	77	64.5	47.4		62.5	51.4	37.9						110
115	72.5	74	65	73	63.5	46.7		60.5	50.3	37.2						115
120	68	69.5	64.5	68.5	62	45.9		58.9	49.2	36.5						120
125	64	65.5	63.5	64.5	61	45.2		57.3	48.2	35.9						125
130	60.5	61.5	62	61	60	44.7		56.1	47.1	35.3						130
135	57.3	58.4	59.1	57.6	58.1	44.2		54.7	46.1	34.7						135
140	54.3	55.2	55.9	54.5	55.5	43.8		53.4	45.1	34.2						140
150	48.7	49.6	50.1	48.9	50.2	43		49.3	43.3	33.3						150
160	43.9	44.6	45.1	44	45.2	42.2		44.4	41.7	32.5						160
170	39.7	40.3	40.6	39.8	40.8	41.3		40.1	40.2	31.9						170
180	36.1	36.6		36.2	37.1	37.7		36.5	37.4	31.3						180
190	32.9			32.9	33.7	33.2		34.3	30.7	33.4						190
200				30	30.6			30.2	31.2	30						200
210								27.4	28.3							210
220								24.8	25.7							220
230																230
240																240
250																250
260																260

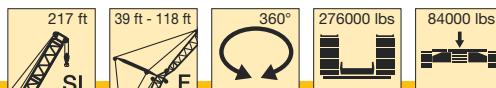
TAB 136060 / 136066 / 136072

## Lifting capacities on SLF boom/jib combination Forces de levage en configuration SLF



ft	197 ft												ft		
	39 ft			59 ft			79 ft			98 ft			118 ft		
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°
40	132			109											
45	132														
50	131			105											
55	128	104		101				81.5							
60	122	101	79.5	96.5	74			78			65.5				
65	118	97.5	78	92.5	71.5			75			63			52.1	
70	114	94.5	76.5	89.5	70			72.5			61			50.8	
75	110	92	75	86	68			69.5			58.7			49.4	
80	106	89.5	73.5	83	66			53.7			52.9			47.9	
85	103	87	72.5	80	64.5			52.7			65			46.5	
90	99.5	85	71	77.5	63			51.8			50			45.1	
95	94	82.5	70	75	61.5			50.9			48.7			43.6	35.6
100	88	80.5	69	73	59.9			50			58.8			42.2	34.7
105	82	79	68	70.5	58.5			49.2			57			40.9	33.9
110	76.5	77	67	68.5	57.2			48.4			55.2			39.6	33.1
115	72	73	66	66.5	55.9			47.7			53.6			38.4	32.3
120	67.5	68.5	65	64.5	54.7			47			52			37.2	31.5
125	63.5	64.5	64.5	63	53.5			46.4			50.4			36.2	30.7
130	59.7	61	61.5	60	52.5			45.7			49			35.1	30
135	56.5	57.6	58.5	57.1	51.6			45.2			47.8			34.1	29.3
140	53.4	54.5	55.3	54	50.7			44.7			46.7			33.1	28.6
150	47.9	48.8	49.5	48.4	48.2			43.8			44.5			27.8	22.7
160	43.1	43.9	44.4	43.5	44.8			42.8			42.2			29.7	26.1
170	38.8	39.5	40	39.3	40.4			41.1			39.1			28.2	25
180	35.3	35.8	36.2	35.6	36.7			37.4			35.6			26.9	24.1
190	32	32.5		32.3	33.2			33.8			32.2			25.6	23.3
200	29	29.4		29.3	30.1						29.2			24.4	22.5
210				26.4	27.2						26.3			23.3	21.7
220				23.9	24.5						23.7			22.2	21.1
230											21.4			21.6	22.9
240											19.3			20.8	18.4
250														20.4	23.0
260														15.2	16.5
270														13.6	14.6
280														12	12.8

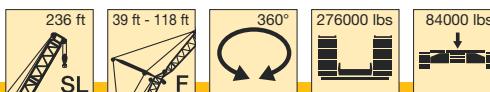
TAB 136060 / 136066 / 136072



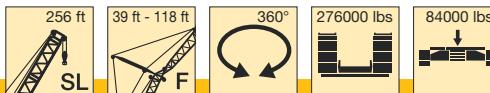
ft	217 ft												ft		
	39 ft			59 ft			79 ft			98 ft			118 ft		
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°
40	131			97.5											
45	125														
50	118			94											
55	112	92		89.5											
60	107	88.5	74.5	86				70			59.4				
65	103	85.5	72.5	82	64			67			56.9			47.8	
70	99	83	70.5	79	62			64.5			54.7			46.3	
75	95.5	80	68.5	76	60	50.7		62	48.9		52.6			44.7	
80	92	77.5	67	73	58.3	49.5		59.6	47.5		50.6			43.2	
85	88.5	75.5	65.5	70.5	56.7	48.3		57.5	46.1		48.8	39		41.8	
90	85.5	73.5	64	68	55.1	47.2		55.5	44.8		47	37.9		40.5	
95	83	71.5	62.5	65.5	53.6	46.2		53.6	43.5	36.8	45.4	36.8		39.1	31.8
100	80	69.5	61	63.5	52.2	45.2		51.8	42.4	36	43.8	35.8		37.7	30.8
105	77.5	67.5	59.8	61.5	50.8	44.2		50.1	41.3	35.2	42.3	34.7	28.9	36.4	29.9
110	74.5	66	58.6	59.5	49.6	43.4		48.6	40.2	34.5	41	33.8	28.2	35.1	29
115	70.5	64	57.5	57.6	48.4	42.5		47	39.2	33.7	39.6	32.9	27.6	33.9	28.2
120	66	62.5	56.4	55.7	47.2	41.7		45.6	38.3	33	38.4	32	27	32.8	27.4
125	62	61	55.3	54	46.1	40.9		44.2	37.4	32.4	37.2	31.2	26.4	31.7	26.7
130	58.4	59.2	54.4	52.5	45.1	40.2		42.8	36.5	31.8	36	30.4	25.8	30.7	26
135	55.1	56.4	53.3	51.2	44.1	39.5		41.6	35.7	31.2	34.9	29.7	25.3	29.7	20.9
140	52	53.2	52.2	49.9	43.2	38.8		40.5	34.9	30.6	33.8	29	24.8	28.7	24.7
145	46.5	47.5	48.3	46.4	41.5	37.6		38.4	33.4	29.5	31.9	27.7	23.8	26.9	23.4
150	41.6	42.5	43.2	42.2	40	36.6		36.5	32	28.5	30.2	26.4	22.9	25.3	22.3
160	37.4	38.2	38.8	37.9	38.6	35.7		34.8	30.9	27.7	28.6	25.3	22	23.9	21.2
170	33.8	34.5	35	34.1	35.2	34.9		33.2	29.8	27	27.2	24.3	21.3	22.7	20.2
180	30.4	31.1	31.4	30.6	31.8	32.5		30.9	28.8	26.3	25.9	23.4	20.7	21.5	19.4
190	27.2	27.9		27.6	28.6	29.2		28	27.7	25.7	24.6	22.6	20.2	20.4	18.7
200	24.4	24.9		24.8	25.7			25.1	26.5	25.1	23.4	21.8	19.7	19.4	18.1
210	21.9	22.4		22.2	23.1			22.5	23.8	23.6	21.6	21.1	19.2	18.4	17.4
220				19.9	20.6			20.2	21.3	21.6	19.6	20.3	18.7	17.4	16.8
230				17.8				18	18.9		17.6	19.1	18.2	16.3	16.3
240								16	16.8		15.8	17		15	15.7
250								14.2	14.8		13.9	15		15	14.1
260											12.3	13.2		11.9	13.3
270											10.7			10.4	11.5
280														8.9	9.9
290														7.5	8.4
300														300	

TAB 136060 / 136066 / 136072

## **Lifting capacities on SLF boom/jib combination Forces de levage en configuration SLF**



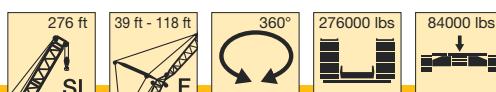
TAB 136060 / 136066 / 136072



L ft	256 ft														R ft			
	39 ft				59 ft				79 ft				98 ft					
	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°
45	110																	45
50	106																	50
55	102			81														55
60	97.5	80		77.5					63									60
65	94	77.5	65	74.5	57.3			60.5				51.2						65
70	90.5	75.5	64	72	55.8			58.3				49.5						70
75	87.5	73.5	62.5	69.5	54.1			56.2				47.7						75
80	84.5	71	61	67	52.6	44.3		54.3	42.6			45.9				40.4		
85	81.5	69.5	59.5	64.5	51.2	43.3		52.4	41.4			44.3	34.7			39		
90	79	67.5	58.2	62.5	49.9	42.4		50.7	40.3			42.8	33.8			37.7		
95	77	66	57	60.5	48.6	41.5		49.1	39.2	32.8	41.4	32.8				35.3		
100	74.5	64.5	55.9	58.8	47.4	40.6		47.5	38.2	32.1	40	31.9				34.1	27.3	
105	72.5	62.5	54.8	57	46.2	39.8		46.1	37.2	31.4	38.7	31.1	25.4			33	26.5	
110	69.5	61.5	53.8	55.4	45.2	39.1		44.7	36.3	30.7	37.5	30.3	24.9			31.9	25.7	
115	66	59.9	52.9	53.8	44.1	38.3		43.4	35.4	30.1	36.4	29.5	24.3			30.8	25	
120	62	58.6	52	52.3	43.1	37.6		42.2	34.6	29.5	35.3	28.7	23.7			29.8	24.3	
125	58.5	57.4	51.1	50.8	42.2	37		41	33.9	29	34.2	28	23.2			28.8	23.7	19.1
130	55.2	56.1	50.2	49.4	41.3	36.3		39.9	33.1	28.4	33.2	27.4	22.7			28	23.1	18.7
135	52.3	53.7	49.4	48.1	40.5	35.8		38.8	32.4	27.9	32.2	26.8	22.3			27.1	22.5	18.3
140	49.5	51	48.5	46.9	39.6	35.2		37.7	31.8	27.5	31.3	26.1	21.9			26.3	22	17.9
150	44.3	45.7	45.6	43.3	38.1	34.1		35.7	30.5	26.5	29.5	25	21.1			24.7	21	17.2
160	39.7	40.8	41.7	39.1	36.7	33.1		34	29.3	25.7	27.9	23.9	20.3			23.2	20	16.5
170	35.3	36.4	37.2	35	35.5	32.2		32.4	28.2	24.8	26.4	22.9	19.6			21.8	19.1	15.9
180	31.5	32.5	33.1	31.3	32.5	31.4		30.8	27.2	24.1	25.2	21.9	19			20.6	18.3	15.4
190	28	28.8	29.1	27.8	29.3	29.6		28.1	26.3	23.5	24.1	21.1	18.4			19.6	17.5	14.8
200	24.7	25.2	25.2	24.6	26	26.9		24.9	25.3	23	22.9	20.4	17.9			18.7	16.8	14.3
210	21.5	21.7	21.4	21.7	23	23.5		22	23.7	22.5	21.6	19.8	17.4			17.8	16.2	13.9
220	19.3	19.3	18.9	18.8	20.1	20.3		19.5	21	21.3	19.1	19.2	17.1			15.7	13.5	220
230	17.1	17.3			16.5	17.5		17.5	16.9	18.6	19.3	16.7	18			15.8	15.2	13.2
240	15	15.4			14.6	15.4			14.6	16.3	16.9	14.5	16.3			16.2	14.2	12.9
250	13.1	13.5			13	13.7			12.8	14.3	14.3	12.4	14.2			15.2	12.4	12.6
260	11.3	11.6			11.2	11.9			11.3	12.4	12.4	10.6	12.5	13.4		10.3	12.4	12.3
270					9.6	10.1			9.7	10.7		9.3	10.8	11.5		8.6	10.8	11.5
280									8.2	9		7.9	9.1			9.2	10.2	

TAB 136060 / 136066 / 136072

## Lifting capacities on SLF boom/jib combination Forces de levage en configuration SLF



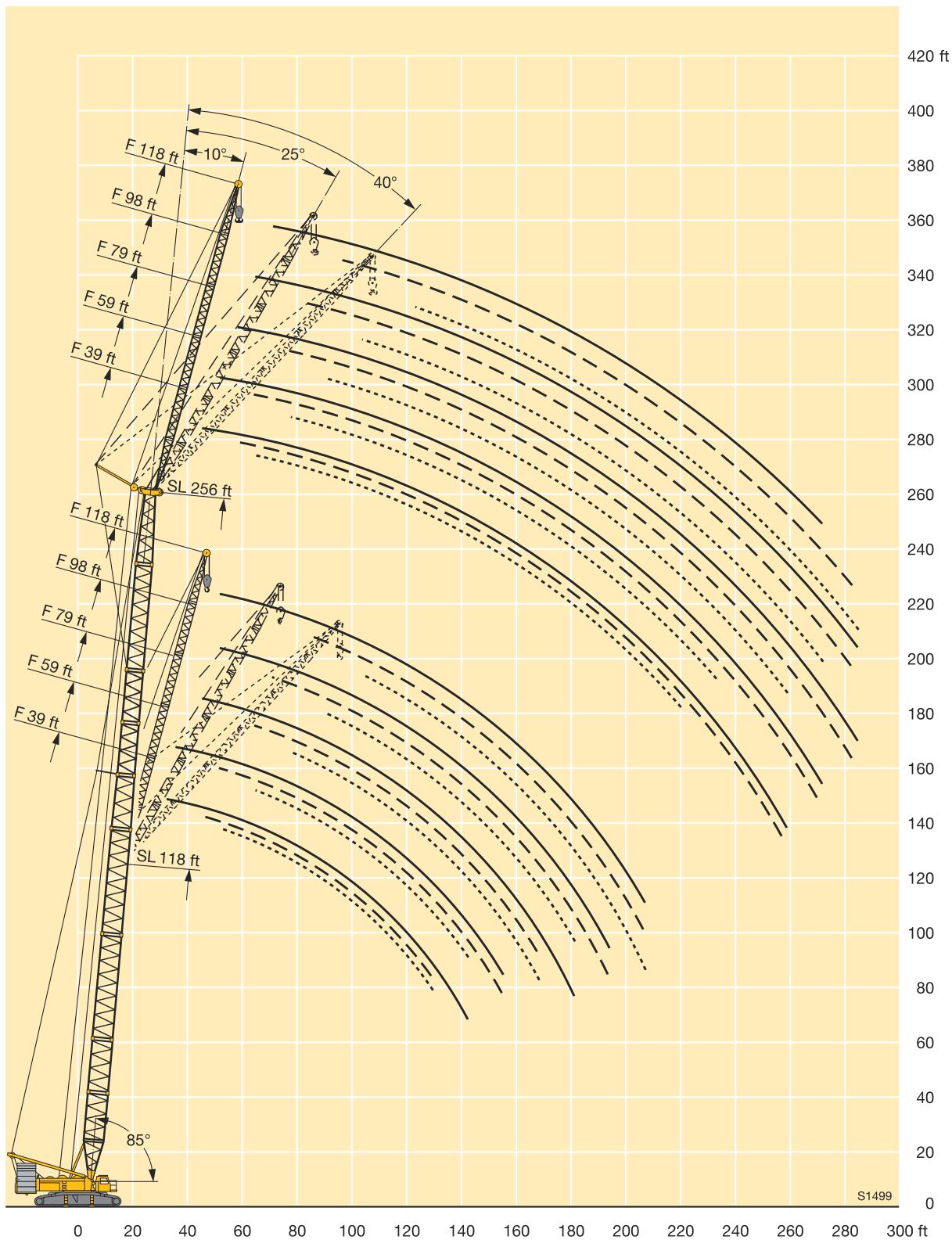
A ft	276 ft												A ft
	39 ft			59 ft			79 ft			98 ft			
10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	ft
55	103			78			59.7						55
60	100	77		75.5			57.8			48.5			60
65	97.5	75	61.5	73			56			47			65
70	94.5	73.5	61	71									70
75	92	72	59.9	69	51.9		54.4			45.5			75
80	89.5	70.5	59	67	50.9	42	52.9	40.2		44			80
85	87	69.5	58.3	65.5	50	41.3	51.4	39.3		42.7			85
90	85	68	57.6	64	49.1	40.7	50.1	38.4		41.4			90
95	81	67	57	62.5	48.3	40.1	48.8	37.6		40.2	30.8		95
100	76.5	66	56.4	61	47.5	39.5	47.7	36.8	30	39.1	30.1		100
105	71.5	65	55.9	59.7	46.8	39	46.6	36.1	29.5	38.1	29.4		105
110	67.5	64.5	55.4	58.4	46.2	38.6	45.6	35.4	29	37.2	28.7	22.7	110
115	63.5	63.5	54.9	57.2	45.5	38.2	44.7	34.8	28.5	36.4	28.1	22.5	115
120	59.7	61.5	54.4	56.1	44.9	37.9	43.8	34.2	28.1	35.6	27.5	22.1	120
125	56.2	58.2	54	54.9	44.3	37.6	42.9	33.6	27.8	34.9	27	21.7	125
130	53.1	54.9	53.6	52.8	43.8	37.4	42.1	33.1	27.6	34.2	26.6	21.3	130
135	50.2	52	51.9	50.2	43.2	37.1	41.3	32.6	27.4	33.5	26.2	21	135
140	47.4	49.1	49.8	47.5	42.7	36.8	40.6	32.2	27.2	32.8	25.8	20.7	140
150	42.4	43.9	45.2	42.5	41.6	36.3	39	31.2	26.8	31.6	25	20.3	150
160	37.9	39.3	40.4	38	39.7	35.8	36.9	30.4	26.4	30.4	24.3	19.8	160
170	33.9	35.1	36.1	34	35.9	35.2	33.2	29.6	26.1	29.2	23.6	19.4	170
180	30.1	31.2	32	30.4	32.1	32.9	29.7	28.9	25.8	28	23	19	180
190	26.7	27.6	28.2	27	28.6	29.8	26.5	27.6	25.5	25.7	22.4	18.6	190
200	23.5	24.3	24.7	23.9	25.3	26.3	23.5	25.5	25	22.9	21.9	18.3	200
210	20.5	21	21.2	21.1	22.3	23.3	20.7	22.5	23.9	20.3	21.4	18	210
220	17.7	17.9	18	18.5	19.7	20.4	18.2	19.8	21.1	17.7	19.6	17.9	220
230	15.5	15.5	15.4	15.9	17.2	17.6	15.9	17.3	18.5	15.5	17.3	17.5	230
240	13.8	13.7		13.7	14.7	14.9	13.7	15.1	16.2	13.4	15.1	16.4	240
250	12.1	12.2		11.9	12.6		11.6	13.2	14	11.7	13.2	14.3	250
260	10.3	10.7		10.5	11.2		9.9	11.6	11.7	9.6	11.5	12.5	260
270	8.7	9.1		9	9.6		8.5	9.8	9.8	8	9.9	10.7	270
280					8			8.1			8.2	9	280

TAB 136060 / 136066 / 136072



A ft	295 ft						315 ft			A ft
	39 ft			59 ft			39 ft			
10°	25°	40°	10°	25°	40°	10°	25°	40°	10°	ft
55	89			69			85			55
60	85.5	71.5		66.5			83.5			60
65	82.5	69.5		64			82	67.5		65
70	80	67.5		64			78.5	67		70
75	77	65.5	55.9	62	48.5		75.5	66.5	53.7	75
80	74.5	64	54.5	60	47.3		73	66	52.8	80
85	72	62	53.2	58.3	46.2	39.2	70.5	65	52	85
90	70	60.5	52	56.6	45.2	38.3	69	63.5	51.4	90
95	68	59	50.9	54.9	44.3	37.4	67	62	50.8	95
100	66	57.5	49.9	53.3	43.3	36.6	64.5	60.5	50.2	100
105	64.5	56.2	49	51.8	42.3	35.7	63	59.5	49.7	105
110	62.5	54.8	48.1	50.4	41.4	35	60.5	58.4	49.2	110
115	59.8	53.6	47.2	49	40.5	34.3	57.1	57.3	48.8	115
120	56.6	52.3	46.4	47.7	39.6	33.7	53.7	55.5	48.3	120
125	53.2	51.1	45.5	46.4	38.8	33.2	50.4	52.6	47.9	125
130	50.1	50	44.8	45.2	38	32.7	47.3	49.4	47.5	130
135	47.3	48.1	44	44.1	37.3	32.2	44.6	46.6	46.1	135
140	44.5	45.9	43.3	43	36.5	31.8	41.9	43.8	44.4	140
150	39.6	41.3	41.1	39.6	35.1	30.9	37	38.8	40.2	150
160	35.1	36.7	37.9	35.4	33.8	30	32.6	34.2	35.5	160
170	31.2	32.6	33.7	31.4	32.5	29.2	28.7	30.2	31.2	170
180	27.7	29	29.9	28	29.7	28.4	25.3	26.7	27.5	180
190	24.5	25.6	26.4	24.8	26.5	26.8	22.2	23.5	24.2	190
200	21.4	22.4	23	21.8	23.4	24.5	19.3	20.5	21.1	200
210	18.6	19.5	19.8	19	20.4	21.4	16.6	17.6	18.2	210
220	15.8	16.5	16.7	16.4	17.8	18.7	14.3	15.1	15.4	220
230	13.3	13.7	13.9	14.2	15.4	16.2	11.9	12.5	12.8	230
240	11.3	11.4	11.4	12	13.2	13.7	9.7	10.1	10.3	240
250	9.8	9.7		9.8	11	11.2		7.9		250
260	8.4	8.5		8.4	9.2	9.1		6.5		260
270		7.2			7.8	7.6				270

TAB 136060 / 136066 / 136072

**Lifting heights on SLF boom/jib combination  
Hauteur de levage en configuration SLF**

## Lifting capacities on SDWB/BW boom/jib combination Forces de levage en configuration SDWB/BW

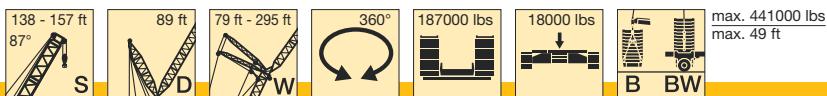
	98 ft - 118 ft	89 ft	79 ft - 295 ft	360°	187000 lbs	18000 lbs	B	BW	max. 441000 lbs max. 49 ft
	S	D	W						
36	419								
38	411								
40	402								
45	382	336	287						
50	362	326	280						
55	344	314	272	231					
60	325	301	265	226	198	170			
65	300	288	259	221	196	168	144		
70	274	271	251	217	194	166	142		
75	248	251	241	212	192	163	141	121	
80	221	230	229	208	189	162	139	120	102
85	195	213	214	202	187	160	138	118	101
90			197	198	193	184	158	137	117
95			181	184	183	179	156	136	116
100			164	172	172	171	155	134	115
105				161	160	162	153	133	113
110				149	150	152	149	132	112
115				137	141	143	142	130	111
120				125	132	135	135	128	110
125					122	127	128	125	109
130					113	120	121	120	108
135					104	113	115	114	106
140						95	106	109	108
150							92.5	97.5	98
160								86.5	89
170								75.5	80
180									63
190									71.5
200									66
210									59.5
220									52.5
230									49.8
240									46.4
250									42.5
260									38.7
270									35.2
280									31.6
290									28.1
300									24.3

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

	118 ft												ft
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft	
36	382												36
38	375												38
40	368												40
45	351	306	264										45
50	335	297	258										50
55	320	286	252	214									55
60	305	276	246	210	183								60
65	291	266	241	206	180	155	133						65
70	274	254	235	202	178	154	132						70
75	252	242	228	198	177	152	130	113					75
80	227	228	220	194	175	151	129	112	96				80
85	201	214	213	189	173	149	128	111	95	83	70.5		85
90	200	203	184	170	148	127	110	94	82.5	69.5			90
95	184	191	179	167	147	126	109	93.5	81.5	68.5			95
100	168	177	173	163	145	125	108	92.5	81	68			100
105		164	165	157	144	124	107	91.5	80.5	67			105
110		152	154	150	141	122	107	91	80	66.5			110
115		139	144	144	136	121	106	90	79.5	65.5			115
120		128	134	137	130	120	105	89.5	79	65			120
125			125	130	124	118	104	88.5	78.5	64.5			125
130				115	122	119	113	103	87.5	78	63.5		130
135				107	115	114	109	102	86.5	77.5	63		135
140				97.5	107	109	104	101	85.5	76.5	62.5		140
150					93.5	98	95.5	97	83.5	75.5	60.5		150
160						87	87.5	91	81.5	74	58.9		160
170						76.5	80	82.5	79	72.5	57.1		170
180						64.5	72	74.5	74.5	69.5	55.4		180
190						64	67	69	65.5	53.8	50.8		190
200								59.8	63	60.5	52.1		200
210								52.8	56.5	56	50.2		210
220								44.1	50.5	51.3	47.5		220
230									44.8	46.4	44.2		230
240										41.5	40.7		240
250										36.5	37.1		250
260										29.6	33.6		260
270											29.5		270
280											25.7		280
290											22.6		290
300											18.6		300

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

## **Lifting capacities on SDWB/BW boom/jib combination Forces de levage en configuration SDWB/BW**

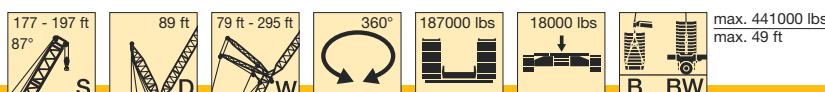


S	D	W	B	BW
138 ft				
79 ft	98 ft	118 ft	138 ft	157 ft
40	320			
45	309	272		
50	299	266		
55	288	259	227	195
60	277	252	222	192
65	265	244	218	188
70	251	236	213	185
75	236	228	207	182
80	220	218	201	179
85	203	208	194	175
90	170	197	186	171
95		185	178	166
100		171	169	160
105		155	161	152
110		130	151	146
115			141	139
120				129
125				117
130				99
135				109
140				100
145				
150				94
155				91.5
160				80
165				61
170				
175				
180				
185				
190				
195				
200				
205				
210				
215				
220				
225				
230				
235				
240				
245				
250				
255				
260				
265				
270				
275				
280				
285				
290				
295				
300				

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

## **Lifting capacities on SDWB/BW boom/jib combination Forces de levage en configuration SDWB/BW**



TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

		197 ft												
		79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft	
45		209	185											45
50		204	180											50
55		197	175	156										55
60		190	170	152	135									60
65		183	165	148	132	117	104							65
70		176	160	144	129	115	102							70
75		170	155	141	126	113	100	89						75
80		163	149	136	124	110	98.5	87.5	77					80
85		158	144	132	121	108	96.5	86	76	67.5	59.4			85
90		152	140	128	117	106	95	85	75	66.5	58.6			90
95		135	124	114	104	93.5	83.5	74	66	57.8	49.8			95
100		131	120	111	101	92	82.5	72.5	65	57	49.2	43.3		100
105		127	117	107	98.5	90	81.5	72	64	56.2	48.7	42.8		105
110		122	113	104	96	88	80	71	63.5	55.5	48.2	42.3		110
115		110	101	94	85.5	78.5	70	62.5	54.8	47.7	41.8			115
120		106	98.5	91.5	83.5	77	69	62	54.2	47.2	41.3			120
125		101	95.5	89	81.5	75	67.5	61.5	53.6	46.7	40.8			125
130		97.5	93	87	79.5	73.5	66	60.5	53	46.2	40.4			130
135			90.5	84.5	77.5	72	65	59.5	52.2	45.8	40			135
140			88	82.5	76	70	63.5	58.2	51.5	45.3	39.6			140
150				78	72	67	61	55.9	49.7	44	38.7			150
160				73.5	68.5	64	58.3	53.7	47.8	42.6	37.6			160
170				68	64.5	60.5	55.8	51.6	46	40.9	36.3			170
180					60	56.8	52.6	49.2	44.3	39.4	34.9			180
190						52.9	49.1	46.4	42.2	37.8	33.6			190
200						49.2	45.6	43.2	39.7	36	32.2			200
210							42.1	40	36.6	33.8	30.6			210
220							39	36.9	33.7	31.1	28.3			220
230								34	31	28.5	26			230
240								31.2	28.3	26	23.7			240
250									25.8	23.6	21.5			250
260									23.4	21.3	19.4			260
270										19.1	17.4			270
280										17	15.4			280
290											13.5			290
300											11.7			300

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

## Lifting capacities on SDWB/BW boom/jib combination Forces de levage en configuration SDWB/BW

	217 ft												
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft*	
45	183												45
50	178												50
55	172	153	137										55
60	167	149	133	120									60
65	161	145	130	117	103	92.5							65
70	155	140	127	114	101	91							70
75	149	136	124	112	99	89	79						75
80	144	131	121	109	97	87.5	77.5	68.5					80
85	139	127	117	107	95	86	76.5	67.5	60	52.9			85
90	135	123	113	104	93	84.5	75	66.5	59.2	52.1			90
95		119	110	101	91.5	83	74	65.5	58.3	51.3	44.5		95
100		115	107	98	89	81.5	72.5	64.5	57.4	50.5	43.8	38.1	100
105			112	104	95	87	80	71.5	63.5	56.5	49.7	43.2	37.5
110				109	100	92.5	84.5	78	70.5	62.5	55.7	49	42.6
115					97	90	82.5	76	69	61.5	54.9	48.3	42
120					94.5	87.5	80.5	74	67.5	61	54.2	47.7	41.5
125					91.5	85	78.5	72	65.5	59.7	53.5	47.1	41
130					88.5	82.5	76.5	70.5	64	58.2	52.8	46.5	40.5
135						80	74.5	68.5	62.5	56.9	51.7	45.8	40
140						78	72.5	67	61	55.6	50.6	45	39.5
150							68.5	63.5	58.4	53.1	48.4	43.4	38.3
160							64.5	60.5	55.7	50.7	46.3	41.6	36.9
170							61	57.3	53	48.4	44.4	39.8	35.4
180								53.8	50.1	46	42.5	38.2	33.9
190									47	43.2	40.3	36.5	32.5
200									43.7	40.3	37.8	34.5	31
210										37.2	35.1	32.1	29.2
220										34.4	32.3	29.4	26.9
230											29.6	26.9	22.1
240											27.1	24.5	22.4
250												22.2	20.3
260												20	18.3
270													16.3
280													14.5
290													11.1
300													9.5

\* nur mit Ballastwagen / only with ballast trailer / seulement avec porteur de lest

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

	236 ft												
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft*		
45	159												45
50	155												50
55	151	134	121										55
60	146	131	118	105									60
65	141	127	115	103	92								65
70	136	124	112	100	90								70
75	131	120	109	98	88	78.5	70						75
80	127	116	106	96	86.5	76.5	68.5	61					80
85	123	112	103	94	84.5	75	67	59.6	53.1				85
90	119	109	99.5	91.5	83	73.5	66	58.6	52.2				90
95		105	96.5	89	81	72.5	65	57.5	51.2	44.9	39		95
100		102	93.5	86	79	71	63.5	56.5	50.4	44.1	38.3		100
105			98.5	90.5	83.5	77	69.5	62.5	55.6	49.5	43.3	37.7	
110				95.5	88	74.5	68	61.5	54.7	48.8	42.7	37	
115				85.5	79	72.5	66	60.5	53.9	48	42	36.5	
120				83	76.5	70.5	64.5	58.9	53	47.3	41.3	35.9	
125				80.5	74.5	69	62.5	57.3	52	46.6	40.7	35.4	
130				78.5	72	67	61	55.9	50.7	45.9	40.1	34.9	
135					70	65	59.4	54.5	49.5	45	39.5	34.4	
140					68	63.5	57.9	53.2	48.3	43.9	38.8	33.9	
150						59.9	54.9	50.5	46	41.9	37.2	32.7	
160						56.7	52	48	43.8	39.9	35.4	31.3	
170						53.6	49.3	45.5	41.7	38.1	33.7	29.6	
180							46.8	43.2	39.6	36.3	32.1	28.1	
190								40.8	37.6	34.6	30.6	26.7	
200								38.3	35.5	32.7	29	25.3	
210									33.1	30.6	27.3	24	
220									30.5	28.2	25.3	22.5	
230										25.9	23.1	20.8	
240										23.7	21	19	
250											19	17.2	
260											17	15.4	
270												13.7	
280												12.1	

\* nur mit Ballastwagen / only with ballast trailer / seulement avec porteur de lest

TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

## Lifting capacities on SDWB/BW boom/jib combination Forces de levage en configuration SDWB/BW

	256 - 276 ft 87°	89 ft	98 ft - 256 ft	360°	187000 lbs	18000 lbs	B	BW	max. 441000 lbs max. 49 ft
	256 ft								
	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft
55	118								55
60	115	103	93						60
65	112	101	90.5	80.5					65
70	109	98	88.5	79					70
75	105	95.5	86	77	68.5				75
80	102	93	84	75	67	60	53.3		80
85	98	90.5	82.5	73.5	65.5	58.8	52.1	46.1	85
90	95	87.5	80	72	64	57.6	51.1	45.2	90
95	92	85	78	70.5	63	56.5	50.1	44.3	95
100	89	82	75.5	69	61.5	55.4	49.1	43.5	100
105	86.5	79.5	73	66.5	60.5	54.4	48.2	42.7	105
110	84	77	71	64.5	58.8	53.4	47.4	41.9	110
115	81	74.5	69	63	57.2	52.3	46.5	41.2	115
120		72.5	67	61	55.5	51.1	45.7	40.5	120
125		70	64.5	59.3	53.9	49.7	44.9	39.8	125
130		68	62.5	57.6	52.4	48.3	43.7	39.1	130
135			61	56	51	47.1	42.5	38.2	135
140			59.1	54.4	49.6	45.8	41.4	37.3	140
150			55.2	51.2	46.7	43.4	39.3	35.4	150
160				48.3	44	41.1	37.3	33.5	160
170				45.4	41.3	38.9	35.3	31.8	170
180					38.9	36.7	33.4	30.1	180
190					36.3	34.7	31.6	28.5	190
200						32.7	29.8	26.8	200
210							28.1	25.3	210
220							26.2	23.6	220
230							24.1	21.8	230
240							19.8	17.6	240
250								15.8	250
260								14.1	260
270								12.4	270

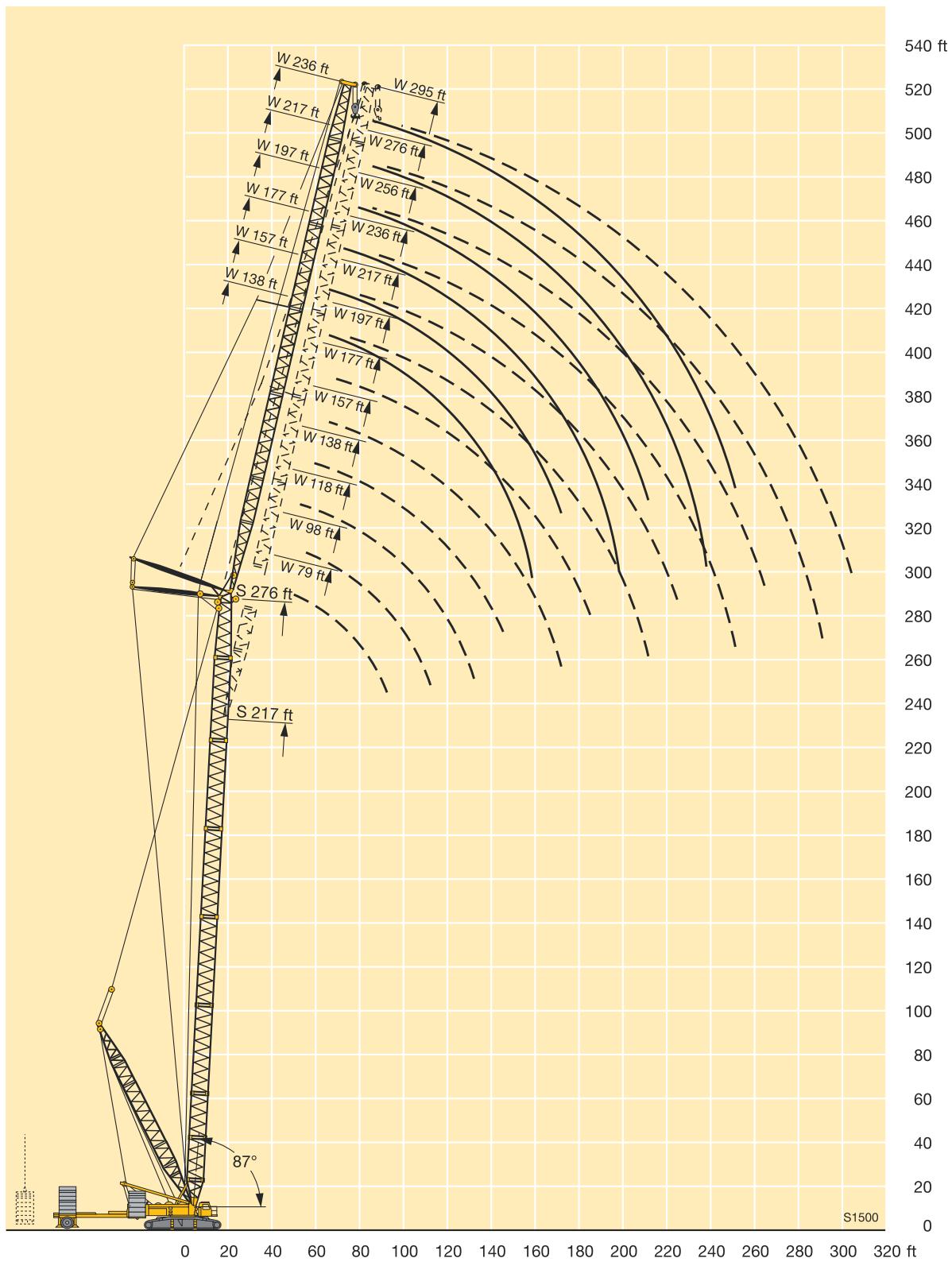
TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

	276 ft							
	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft		
65	78	69.5					65	
70	76.5	68					70	
75	74.5	66.5	59.9				75	
80	72.5	65	58.4	52			80	
85	71	63.5	57	50.8	44.7	39.2	85	
90	69	62	55.7	49.7	43.8	38.4	90	
95	67	61	54.5	48.7	42.8	37.5	95	
100	65	59.3	53.4	47.7	41.9	36.7	100	
105	63	57.5	52.2	46.7	41	35.9	105	
110	61	55.7	50.9	45.8	40.2	35.2	110	
115	58.9	53.9	49.4	44.8	39.4	34.5	115	
120	57.1	52.3	47.9	43.7	38.6	33.8	120	
125	55.2	50.7	46.4	42.4	37.8	33.1	125	
130	53.4	49.1	45	41.2	36.7	32.4	130	
135	51.7	47.6	43.7	40	35.7	31.6	135	
140	50	46.1	42.4	38.9	34.6	30.8	140	
150	46.5	43.2	39.9	36.6	32.6	29	150	
160		40.5	37.5	34.5	30.6	27.3	160	
170		37.9	35.1	32.4	28.8	25.6	170	
180			33	30.5	27	24	180	
190				30.6	28.6	25.3	190	
200					26.8	23.6	21.1	200
210						22.1	19.7	210
220						20.6	18.4	220
230						18.9	17.1	230
240						15.9	15.9	240

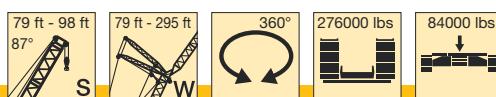
TAB 136087 / 136090 / 136093 / 136120 / 136121 / 136122

**Continuously interpolation of the load capacities for main boom angle from 87° to 47°**

**Interpolation automatique des capacités de levage pour angles flèche principale entre 87° et 47°**

**Lifting capacities on SDWB/BW boom/jib combination  
Forces de levage en configuration SDWB/BW**

## Lifting capacities on SW boom/jib combination Forces de levage en configuration SW



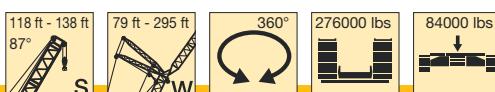
	79 ft												
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft	
36	326												36
38	310												38
40	294	282											40
45	261	251	237										45
50	235	227	219										50
55	213	206	199	192									55
60	194	188	182	175	169	164							60
65	175	173	168	162	156	151	145						65
70	159	159	156	150	145	140	137						70
75	145	145	144	140	135	131	127	123	110				75
80	133	133	133	131	126	122	119	115	109	95			80
85	123	123	123	122	118	115	112	108	105	94.5	79.5	69.5	85
90		114	114	113	112	108	105	102	98.5	93.5	79	69	90
95		107	106	105	104	102	99	96	93	90	78	68.5	95
100		99.5	99.5	98.5	97.5	96	93.5	90.5	87.5	85	77	68	100
105			93	92.5	91.5	90.5	88.5	86	83	80.5	76.5	67.5	105
110			88	87	86	85	84	81.5	78.5	76	73.5	67	110
115			83	82	81	80	79.5	77.5	74.5	72.5	70	66	115
120			78.5	77.5	76.5	75.5	75	73.5	71	68.5	66	64.5	120
125			73	72.5	71.5	71	70	67.5	65	63	61.5	61.5	125
130			69.5	68.5	67.5	67	66.5	64.5	62	59.9	58.3	58.3	130
135			66	65.5	64.5	64	63	61.5	59.3	57.1	55.6	55.6	135
140			63	62	61	60.5	59.8	58.6	56.6	54.4	53	53	140
150					56.5	55.4	55	54.1	53.2	51.7	49.6	48.2	150
160						50.5	50	49.1	48.2	47.2	45.2	43.9	160
170						46.2	45.7	44.7	43.9	43	41.3	40	170
180						42.5	42	41	40.1	39.3	37.9	36.6	180
190						38.7	37.7	36.8	35.9	34.7	33.6	33.6	190
200							34.7	33.8	32.9	31.6	30.7	200	
210							32	31.1	30.1	28.6	27.7	210	
220								29.6	28.6	27.5	26	25.2	220
230									26.4	24.9	23.6	22.8	230
240										22.5	21.2	20.7	240
250										20.5	18.9	18.6	250
260										18.7	17.2	16.6	260
270											15.8	14.8	270
280												13.4	280
290												12.2	290
300												11.1	300

TAB 136096

	98 ft													
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft		
36	309												36	
38	295												38	
40	280												40	
45	250	236	227										45	
50	226	218	210										50	
55	205	198	191	184									55	
60	187	181	175	169	164	158							60	
65	173	167	162	156	152	147	140						65	
70	158	155	150	145	141	136	132						70	
75	145	144	140	135	131	127	123	118					75	
80	133	133	131	126	123	119	115	112	102	89			80	
85	123	123	122	119	115	112	108	105	101	88.5	75		85	
90		114	114	112	109	105	102	98.5	95.5	88	74		90	
95		106	106	105	103	99.5	96	93	90	86	73.5	64.5	95	
100		99.5	99	98	97	94	90.5	88	85	82	72.5	64	100	
105			93	92	91.5	89	86	83	80.5	77.5	72	63.5	105	
110			87.5	86.5	86	84.5	81.5	79	76	73.5	70.5	63	110	
115			82.5	81.5	81	80	77.5	75	72.5	70	67.5	62.5	115	
120			78	77	76.5	75.5	74	71.5	68.5	66.5	64	61.5	120	
125			73	72.5	71.5	70.5	68	65.5	63	61	59.3	59.3	125	
130			69	68.5	67.5	67	65	62.5	60	57.9	56.4	56.4	130	
135			66	65.5	64.5	63.5	62	59.6	57.4	55.2	53.8	53.8	135	
140			62.5	62	61.5	60.5	59.2	56.9	54.8	52.6	51.2	51.2	140	
150					56.5	55.6	54.7	53.8	52	50	47.9	46.5	150	
160						50.6	49.7	48.8	47.6	45.7	43.7	42.4	160	
170						46.3	45.4	44.5	43.6	41.9	39.9	38.6	170	
180						42.6	41.7	40.8	39.9	38.5	36.6	35.3	180	
190						38.4	37.5	36.5	35.4	33.6	32.3	32.3	190	
200							34.4	33.5	32.4	30.7	29.5	27.8	26.9	200
210								31.7	30.7	29.5	27.8	26.9	210	
220									29.4	27.9	26.8	25.2	24.4	220
230										25.6	24.1	22.8	22.1	230
240											21.8	20.4	20	240
250											19.8	18.2	18	250
260											18.1	16.5	16	260
270												15.1	14.3	270
280												12.9	12.9	280
290												11.7	11.7	290
300												10.6	10.6	300

TAB 136096

## Lifting capacities on SW boom/jib combination Forces de levage en configuration SW



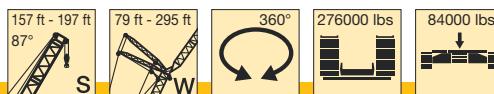
ft	118 ft												ft
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft	
36	295												36
38	281												38
40	268												40
45	240	226	218										45
50	217	209	202										50
55	198	191	184	178									55
60	181	175	169	163	158								60
65	167	162	156	151	146	140	129						65
70	156	150	146	141	136	132	126						70
75	144	140	136	131	127	123	120	110					75
80	133	131	127	123	119	115	112	108	95				80
85	123	119	115	112	108	105	101	94	82	69.5			85
90		114	113	109	105	102	99.5	95.5	92	81.5	69		90
95		106	106	103	99.5	96	93.5	90	88	80.5	68.5	59.9	95
100		99.5	99	97	94	91	88.5	85	83	79	68	59.5	100
105			92.5	92	89	86	84	80.5	78.5	75	67	59	105
110			87.5	86.5	84.5	82	80	76.5	74.5	71.5	66.5	58.6	110
115			82.5	81.5	80.5	78	76	72.5	71	67.5	64.5	58.3	115
120			78	77	76	74	72.5	69	67.5	64	62	57.9	120
125				73	72	70.5	69	65.5	64	61	58.7	57.2	125
130				69	68.5	67.5	66	62.5	61	58.2	55.9	54.4	130
135				66	65	64	63	59.9	58.5	55.5	53.3	51.9	135
140				62.5	62	61	60	57.3	55.9	53	50.8	49.4	140
150					56.1	55.2	54.9	52.5	51.1	48.3	46.2	44.9	150
160						50.3	49.9	48.1	46.9	44.1	42.1	40.8	160
170						46	45.6	44.2	43.1	40.4	38.4	37.2	170
180						42.3	41.9	40.5	39.8	37.1	35.2	34	180
190						38.5	37.2	36.6	34.2	32.3	31.1	190	
200								34.1	33.6	31.4	29.5	28.4	200
210								31.1	30.5	28.5	26.8	26	210
220								28.7	27.7	25.9	24.4	23.4	220
230									25.3	23.3	22	21.2	230
240										21	19.7	19.2	240
250										19.1	17.6	17.2	250
260										17.4	15.9	15.4	260
270											14.5	13.7	270
280												12.3	280
290												11.1	290
300												10.1	300

TAB 136096

ft	138 ft												ft		
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft			
40	257												40		
45	231	217											45		
50	209	201											50		
55	191	184	178	171									55		
60	175	169	164	158	152								60		
65	162	156	151	146	141	132							65		
70	151	146	141	136	132	126							70		
75	141	136	132	127	123	118	112	99.5					75		
80	132	127	123	119	115	111	108	98.5	86				80		
85	123	120	116	112	109	104	102	97	85.5	74.5	64.5		85		
90	114	113	110	106	102	98	96	92.5	84	74	64		90		
95		106	104	100	97	93	90.5	88	82.5	73	63.5	55.6	95		
100			99.5	98	95	91.5	88	85.5	83	80	72	62.5	55.2	100	
105			93	92.5	90	87	83	81	78.5	76	71	62	54.7	105	
110			87.5	87.5	85.5	82.5	79	77	74.5	72	68.5	61.5	54.1	110	
115			82.5	81.5	79	75	73.5	71	68.5	65	61	53.5	53.5	115	
120			78	77	75	71.5	70	67.5	65	62	59.7	52.9	52.9	120	
125			73.5	73	71.5	68.5	66.5	64.5	62	58.9	57.7	52.4	52.4	125	
130			70	69	68.5	65.5	63.5	61.5	59.1	56.1	54.9	51.6	51.6	130	
135				66	65	62.5	61	58.8	56.5	53.5	52.4	49.7	49.7	135	
140					62.5	62	60	58.3	56.2	54	51	50	47.5	140	
150						56.2	54.8	53.6	51.5	49.4	46.5	45.5	43.2	150	
160						51.2	49.9	49.3	47.3	45.2	42.5	41.5	39.2	160	
170						46.9	45.6	45.3	43.6	41.5	38.8	37.9	35.7	170	
180							42	41.6	40.4	38.3	35.7	34.7	32.6	180	
190								35.1	33.9	32.5	30.1	29.2	27.2	190	
200									30.8	29.5	27.5	26.7	24.8	210	
210										28.2	26.8	24.8	24.3	22.3	220
220											24.4	22.3	21.9	20.2	230
230											22.3	20.1	19.7	18.3	240
240												18.2	17.5	16.4	250
250												16.7	15.7	14.7	260
260													14.3	13.1	270
270													13.1	11.6	280
280													10.5	9.5	290
290														9.5	300

TAB 136096

## Lifting capacities on SW boom/jib combination Forces de levage en configuration SW

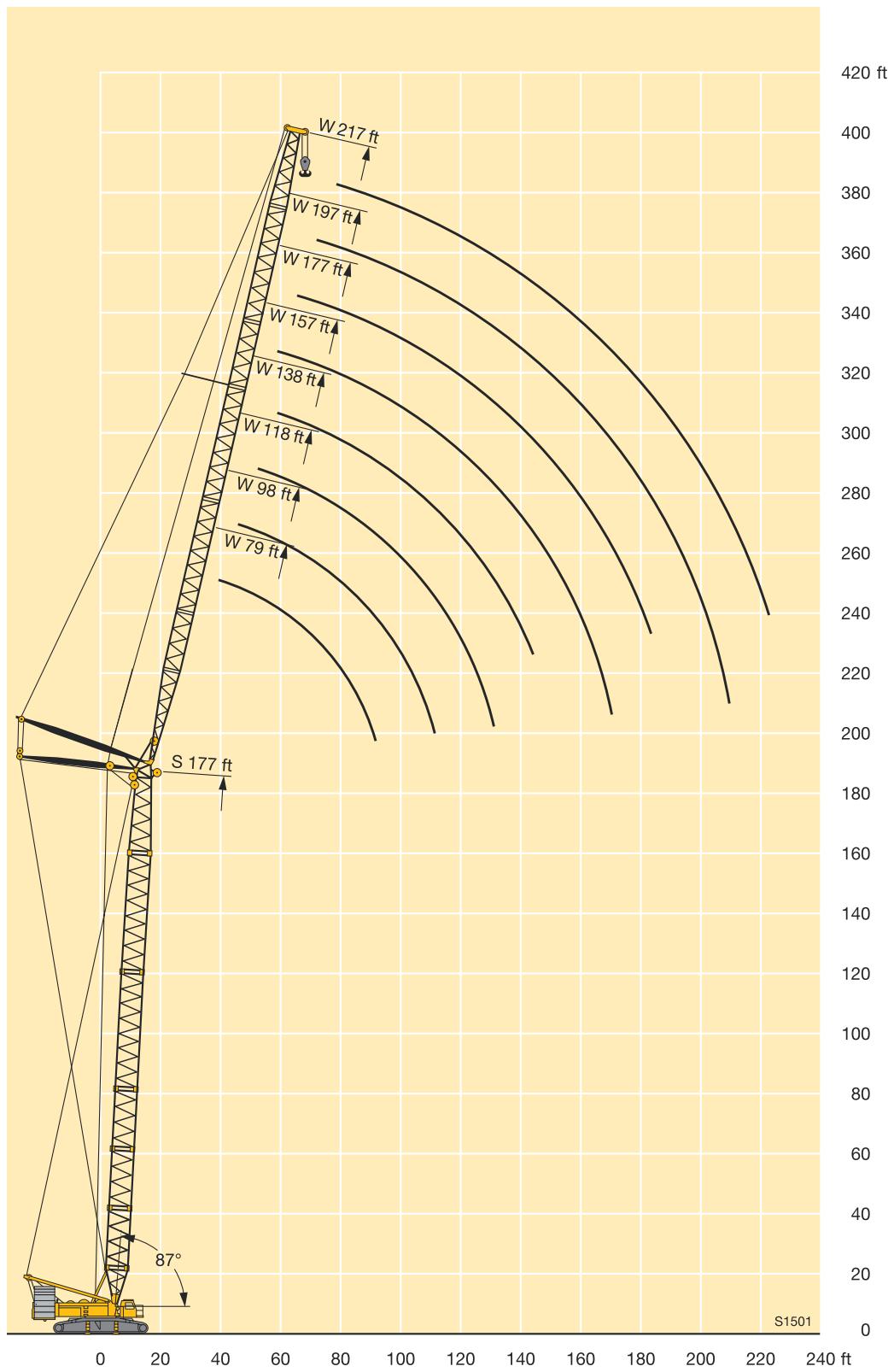


	157 ft																		
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	236 ft	256 ft	276 ft	295 ft							
40	236												40						
45	219	207											45						
50	201	193											50						
55	184	177	170	155									55						
60	169	163	158	150	135								60						
65	157	151	147	141	132	117							65						
70	146	141	137	132	126	115							70						
75	137	132	128	124	120	112	99.5	88.5					75						
80	128	124	120	116	112	108	97.5	87.5	76.5				80						
85	121	116	113	109	106	101	95.5	85.5	76	66.5			85						
90	113	110	107	103	100	95.5	92	84	74.5	66			90						
95		104	101	97.5	94.5	90.5	87.5	82.5	73.5	65	57.1	49.8	95						
100			98.5	95.5	92.5	89.5	85.5	82.5	80	72	64	56.4	49.2	100					
105			93	91	87.5	85	81	78.5	76	71	63	55.6	48.6	105					
110				87.5	86.5	83.5	81	77	74.5	72	69	62	54.8	48	110				
115					82	79.5	77	73.5	71	68.5	66	61	54	47.3	115				
120						77.5	76	73.5	70	67.5	65	63	59.2	53.1	120				
125							73.5	72.5	70	67	64.5	62	59.8	56.7	125				
130							70	69	67	64	61.5	59.3	57	54	51.2	130			
135								66	64.5	61.5	58.8	56.7	54.4	51.5	49.5	135			
140								62.5	61.5	58.7	56.3	54.2	52	49.1	47.7	140			
150									56.3	54	51.7	49.7	47.5	44.7	43.7	41	150		
160									51.3	49.8	47.6	45.6	43.5	40.8	39.8	37.6	160		
170										46.9	45.8	44	42	40	37.3	36.4	34.2	170	
180											42.1	40.6	38.9	36.8	34.2	33.3	31.2	180	
190												37.3	35.8	34	31.4	30.5	28.4	190	
200												34.1	32.9	31.3	28.8	27.9	25.9	200	
210													29.8	28.5	26.3	25.6	23.6	210	
220														27.3	25.8	23.8	21.1	220	
230															23.4	21.3	21	19.1	230
240															21.3	19.1	18.9	17.3	240
250																17.2	16.8	15.5	250
260																15.8	15.1	13.9	260
270																	13.6	12.3	270
280																	12.4	10.9	280
290																	9.8	290	
300																	8.9	300	

TAB 136096

	177 ft						197 ft									
	79 ft	98 ft	118 ft	138 ft	157 ft	177 ft	197 ft	217 ft	79 ft	98 ft	118 ft	138 ft				
40	206								176	157			40			
45	204	180							169	152			45			
50	191	175							161	146	133		50			
55	177	167	152						153	140	128	116	55			
60	163	158	147	133	119				146	134	124	113	60			
65	151	146	141	129	116	103			137	128	119	109	65			
70	141	136	132	125	113	101			128	122	114	105	70			
75	132	128	124	119	110	98.5	88.5		114	110	105	97.5	75			
80	124	120	116	112	106	96	86.5	77	116	110	101		80			
85	117	113	110	105	102	93.5	84.5	75.5	114	110	105		85			
90	111	107	104	99.5	96	90.5	82.5	74	108	104	100	94	90			
95		101	98	94	91	87	80.5	72.5		98.5	95.5	90	95			
100			96	93	89	86.5	82.5	78.5		93.5	90.5	86.5	100			
105				91.5	88.5	84.5	82	78.5		89	86.5	82.5	105			
110				87	84.5	80.5	78	74.5		85.5	82.5	78.5	110			
115					80.5	77	74.5	71			78.5	75	115			
120						77	73.5	71			75.5	71.5	120			
125						73.5	70.5	68			72	68.5	125			
130						70	67.5	65			69.5	66	130			
135							64.5	62.5				63	135			
140								59.8	56.6				61	140		
150									55.2	52.1					150	
160									51	48.1	46.7	43.9				160
170									46.6	44.6	43.1	40.4				170
180									40.9	40	37.3					180
190										36.8	34.5					190
200										33.7	31.7					200
210											28.7					210
220											26.3					220

TAB 136096

**Lifting capacities on SW boom/jib combination  
Forces de levage en configuration SW**

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



A ft	138 ft										A ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	
65	109										65
70	107										70
75	105		87.5								75
80	103	89.5	86		68						80
85	99.5	87.5	84		67.5		52.5				85
90	94	85.5	82		66		52.1				90
95	89	84	80	62	64.5		51.7		39.8		95
100	84	82	77.5	60.5	63		51.3		39.3		100
105	79.5	80.5	75.5	59.1	61	48	50.9		38.8		105
110	75.5	77.5	73.5	57.8	59.4	46.8	49.9		38.4		110
115	72	74	71	56.6	57.7	45.7	48.7		37.9		115
120	68.5	70.5	68.5	55.5	56	44.7	47.4	37.2	37.4		120
125	65	67	65	54.4	54.4	43.7	46.1	36.3	36.9		125
130	62	64	62	53.3	52.9	42.8	44.8	35.4	36.5	29.9	130
135	59.6	61	59.6	52.4	51.5	42	43.7	34.6	35.9	29.3	135
140	57	58.6	57.1	51.6	50.1	41.2	42.5	33.9	35.3	28.7	140
150	52.3	53.7	52.4	50.1	47.5	39.7	40.3	32.5	33.9	27.4	150
160	48	49.1	48.2	48.2	45.1	38.3	38.3	31.2	32.4	26.1	160
170	43.6	44.4	44.4	45.1	42.8	37.2	36.3	30	30.8	25	170
180	39.6		40.5	41	40	36.2	34.6	28.8	29.3	23.8	180
190			37		36.9	35.4	32.9	27.7	27.9	22.7	190
200					33.7	34.1	31.5	26.7	26.5	21.7	200
210							30.2	25.7	25.3	20.8	210
220							28.4	25.1	24.3	20	220
230							26.3		23.4	19.3	230
240									22.5	18.9	240

TAB 136140 / 136146

A ft	157 ft										A ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	
75	94										75
80	92.5		78.5								80
85	90.5	81.5	77.5		61.5						85
90	89	80	76		61						90
95	85.5	78.5	75		60		48.3		37.4		95
100	81.5	77	73.5	56.7	59		47.9		37.1		100
105	77	75.5	71.5	55.5	57.8		47.6		36.7		105
110	73	74	69.5	54.4	56.5	43.6	47		36.4		110
115	69.5	71	67.5	53.3	55	42.9	46.2		36.1		115
120	66	67.5	65	52.3	53.5	42	45.2		35.7		120
125	63	64	62	51.3	52	41.1	44	33.9	35.3		125
130	60	61	59.2	50.3	50.7	40.3	42.9	33.1	34.8	27.8	130
135	57.4	58.3	56.6	49.5	49.4	39.5	41.8	32.4	34.3	27.3	135
140	54.8	55.7	54.1	48.6	48.1	38.8	40.8	31.7	33.7	26.7	140
150	50.2	50.9	49.6	47.1	45.7	37.4	38.8	30.5	32.3	25.5	150
160	46.1	46.6	45.5	45.5	43.5	36.2	36.9	29.3	30.9	24.4	160
170	42.4	42.8	41.9	42.8	41.4	35	35.1	28.2	29.5	23.4	170
180	38.7	38.8	38.5	39.4	38.3	34.1	33.5	27.3	28.1	22.5	180
190	35.1		35.2	35.8	35	33.2	32	26.5	26.8	21.7	190
200			32	32.3	31.8	32.2	30.5	25.8	25.6	20.9	200
210					28.9	30.5	29.3	25.1	24.4	20.3	210
220					26.4	27.7	26.9	24.6	23.3	19.7	220
230					24		24.7	23.9	22.4	19.2	230
240							22.5	22.7	21.3	18.7	240
250									19.9	18.3	250
260									18.2	17.9	260
270									16.6		270

TAB 136140 / 136146

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



L ft	177 ft										R ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
80	82										80
85	80.5			68.5							85
90	79.5			67.5							90
95	78	70.5		66		55.2					95
100	76	69		65		54.1		44.3		34.7	
105	73.5	68		63.5	51.6	52.9		44		34.5	
110	69.5	66.5		62	50.5	51.8		43.3		34.2	
115	66	65		60.5	49.5	50.6		42.4		33.9	
120	63	63.5		59.1	48.4	49.4	38.5	41.4		33.6	
125	59.7	61		57.7	47.5	48.1	37.7	40.3		33.3	
130	56.9	58.1		56.3	46.5	46.9	36.9	39.3	30.2	32.8	
135	54.3	55.4		54.2	45.7	45.7	36.1	38.3	29.7	32.1	
140	51.8	52.9		52	44.8	44.5	35.4	37.3	29	31.3	140
150	47.3	48.1		47.7	43.3	42.3	34	35.4	27.8	29.7	150
160	43.2	43.9		43.6	41.8	40.2	32.7	33.6	26.6	28.2	160
170	39.6	40.1		40	40.6	38.3	31.6	31.9	25.6	26.8	170
180	35.9	36.4		36.3	37.8	36.1	30.5	30.4	24.6	25.5	180
190	32.5	32.8		32.7	34.5	33.4	29.6	29	23.8	24.3	190
200	29.3	29.4		29.4	31.1	30.3	28.8	27.7	23	23.1	200
210				26.5	27.9	27.3	27.9	26.4	22.3	22	19
220				24	25	24.8	25.5	24.4	21.7	21	18.4
230				21.6		22.5	23	22.2	21.2	20	17.9
240						20.3	20.6	20.1	20.3	18.9	17.4
250								18.3	18.8	17.5	16.9
260								16.6	16.9	16.1	16.6
270								15		14.7	15.8
280										13.4	14.7
											280

TAB 136140 / 136146

L ft	197 ft										R ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
85	71.5										85
90	70.5										90
95	69.5	66.5	61.5								95
100	68.5	65.5	61		50.3		40.7				100
105	67.5	64.5	60		49.8		40.4		31.9		105
110	66	63.5	59.4	49.6	49.1		40.1		31.7		110
115	63.5	62.5	58.5	49	48.4		39.8		31.4		115
120	60	61	57.5	48.2	47.7		39.5		31.2		120
125	57.1	58.6	56.3	47.5	46.9	38.1	39.1		31		125
130	54.3	55.7	54.4	46.7	46	37.4	38.5	30.8	30.8		130
135	51.8	53.1	52.2	46	45.1	36.7	37.8	30.4	30.5		135
140	49.3	50.5	49.8	45.2	44.2	36.1	37	29.8	30.3	25.4	140
150	44.9	45.9	45.3	43.8	42.4	34.9	35.5	28.7	29.8	24.9	150
160	40.8	41.7	41.4	42.1	40.4	33.8	34	27.7	29.1	24	160
170	37.3	38	37.8	39.2	37.3	32.7	32.7	26.7	28.1	23.1	170
180	34.2	34.7	34.7	36	34.3	31.8	31.4	25.8	27.1	22.3	180
190	30.9	31.4	31.8	32.9	31.5	30.9	30	25	26	21.5	190
200	27.7	28.1	28.9	29.9	28.8	29.6	28.2	24.2	25	20.8	200
210	24.8	25	25.8	26.7	26	27.3	25.5	23.5	24.1	20.1	210
220	22.3	22.4	23.3	23.8	23.2	24.5	22.9	22.9	22.9	19.5	220
230	19.9		21	21.3	20.8	21.8	20.5	21.6	21.1	19	230
240			18.9		18.8	19.4	18.4	19.7	19	18.5	240
250					17	17.3	16.5	17.5	17.1	17.9	250
260					15.4	15.6	15.1	15.6	15.4	16.6	260
270					13.8		13.7	14	14	15	270
280							12.4		12.8	13.5	280
290									11.7	12.2	290
300									10.5	10.9	300
310									9.4		310

TAB 136140 / 136146

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



A ft	217 ft										A ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
85	63										85
90	62										90
95	61.5		54.1								95
100	60.5	58	53.4		45.6						100
105	59.7	57.1	52.6		45.1		36.5				105
110	58.9	56.3	51.8	44.6	44.4		36.3		29.1		110
115	57.9	55.5	51.1	44	43.7		36		29		115
120	56.6	54.7	50.4	43.2	42.9		35.7		28.8		120
125	55.1	54	49.6	42.5	42.1	34.2	35.2		28.6		125
130	52.4	53.2	48.7	41.7	41.3	33.6	34.6		28.4		130
135	49.9	51.1	47.4	41	40.5	33	33.9		28.2		135
140	47.5	48.7	46.1	40.4	39.6	32.4	33.3	27.2	28		140
150	43.1	44.2	42.6	39	38	31.2	31.9	26.6	27.3		150
160	39.1	40.1	38.7	37.8	36.4	30.1	30.5	25.6	26.3	21.4	160
170	35.6	36.4	35.2	36.6	34.7	29.1	29.2	24.7	25.3	20.6	170
180	32.5	33.2	32.2	33.6	31.8	28.2	28	23.8	24.3	19.8	180
190	29.5	30.2	29.4	30.6	29	27.3	26.8	23	23.3	19.1	190
200	26.6	27.2	26.6	27.7	26.4	26.4	25.3	22.2	22.4	18.4	200
210	23.5	23.9	23.8	24.8	24	25.4	23.1	21.5	21.5	17.8	210
220	21.1	21.2	21.1	22	21.3	22.8	20.9	20.9	20.5	17.2	220
230	18.9	18.9	18.8	19.3	18.8	20.3	18.7	20.3	18.9	16.6	230
240	16.9		16.8	17	16.6	17.9	16.6	19.2	17.1	16.1	240
250			15.2	15.1	14.7	15.7	14.7	17.2	15.4	15.7	250
260			13.6	13.5	13.3	13.8	13	15.3	13.8	14.9	260
270			12.1		12	12.3	11.7	13.6	12.3	13.6	270
280					10.8		10.6	12	11	12.2	280
290							9.5	10.6	9.9	10.8	290
300							8.4	9.3	8.9	9.5	300
310							7.4		7.9	8.4	310
320									6.9		320

TAB 136140 / 136146

A ft	236 ft					256 ft					A ft
	39 ft		59 ft		79 ft		39 ft		59 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
95	53.6							45.6			95
100	52.9		47.1								100
105	52.1	51.6	46.4		40.4		45		40.3		105
110	51.5	50.9	45.9		40.2		44.5	44.4	39.9		110
115	50.8	50.2	45.3		40		44	44	39.5		115
120	50	49.5	44.8	41.2	39.5		43.5	43.5	39		120
125	49.1	48.9	44.2	40.7	39		43	42.9	38.6	35.3	125
130	48.1	48.2	43.6	40.1	38.6	33.2	42.3	42.4	38.2	34.8	130
135	46.5	47.1	42.9	39.7	38	32.9	41.6	41.8	37.6	34.3	135
140	44.7	45.7	42.1	39.2	37.5	32.5	40.8	41.2	37	33.8	140
150	40.9	42.2	39.7	38.2	36.3	31.7	38	38.9	35.7	32.9	150
160	37	38.1	36.6	37	34.8	30.8	34.3	35.6	33.9	32	160
170	33.5	34.5	33.2	34.9	32.7	29.9	30.9	32	30.6	31.1	170
180	30.5	31.3	30.2	31.8	29.8	29.1	27.9	28.9	27.6	29	180
190	27.7	28.4	27.4	28.8	27.1	28	25.1	26	24.9	26.5	190
200	25	25.6	24.9	26.1	24.5	26.4	22.6	23.3	22.4	23.8	200
210	22.2	22.8	22.5	23.6	22.2	23.9	20.3	20.9	20.1	21.2	210
220	19.4	20	19.9	21	20.1	21.6	17.8	18.5	18.1	18.9	220
230	17.2	17.5	17.4	18.6	17.9	19.6	15.5	16.1	16	16.8	230
240	15.4	15.4	15.3	16.2	15.7	17.6	13.4	13.9	13.9	14.7	240
250	13.7	13.7	13.5	14.1	13.7	15.8	11.7	11.9	11.9	12.8	250
260	12.2	12.1	12.1	12.4	12	13.9	10.3	10.4	10.3	11	260
270	10.8		10.8	10.9	10.7	12.2	9.1	9.1	9	9.4	270
280			9.6		9.5	10.7	7.8		7.9	8	280
290					8.4	9.3			6.8	6.8	290
300					7.3	8.1			5.7	5.6	300
310					6.3					310	

TAB 136140 / 136146

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



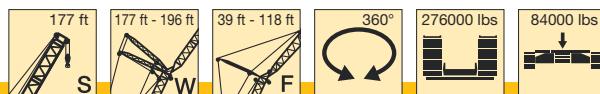
A ft	138 ft										A ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
65	97										65
70	95										70
75	93		80.5								75
80	91	86.5	80			63					80
85	89	84.5	79			62.5		49.7			85
90	86.5	83	77.5			62		49.4			90
95	84	81.5	76	61	61.5		49.1		38.1		95
100	81	79.5	74	59.6	60.5		48.7		37.7		100
105	77.5	78	72	58.3	59.1	47.4	48.4		37.3		105
110	73.5	75	70.5	57	57.6	46.3	48		37		110
115	70	71.5	68.5	55.9	56	45.2	47.2		36.6		115
120	67	68	66	54.8	54.5	44.2	46.2	36.7	36.1		120
125	63.5	64.5	63	53.8	53.1	43.3	45.1	35.9	35.7		125
130	61	62	60	52.8	51.8	42.4	43.9	35	35.3	29.5	130
135	58.3	59.1	57.5	51.9	50.5	41.6	42.9	34.3	34.8	29	135
140	55.8	56.5	55	51	49.2	40.8	41.8	33.6	34.3	28.4	140
150	51.2	51.7	50.5	49.4	46.8	39.4	39.8	32.2	33.2	27.1	150
160	47	47.4	46.5	47.4	44.5	38	37.8	31	31.8	25.9	160
170	42.9	43	42.9	43.5	42.3	36.9	36	29.8	30.2	24.8	170
180	38.9		39.1	39.5	38.7	35.9	34.3	28.8	28.8	23.8	180
190			35.6		35.4	34.9	32.7	27.7	27.5	22.7	190
200					32.3	33.4	31.2	26.7	26.2	21.7	200
210					29.5		30	25.8	25	20.8	210
220					26.9		27.4	25	24	20	220
230							25.1		23.1	19.3	230
240									22	18.7	240

TAB 136140 / 136146

A ft	157 ft										A ft
	39 ft		59 ft		79 ft		39 ft		59 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
75	82.5										75
80	81.5		70.5								80
85	80	77.5	70.5			57.7					85
90	78.5	76.5	69.5			57.3					90
95	76.5	75	68.5			57		45.3			95
100	74.5	73.5	67	56.5	56.6		45		35.3		100
105	72.5	72.5	66	55.4	56		44.6		35		105
110	70	70.5	64	54.3	55	43	44.3		34.7		110
115	67	68	62.5	53.3	53.8	42.3	44		34.4		115
120	63.5	65	61	52.3	52.6	41.5	43.5		34.1		120
125	60.5	61.5	59.5	51.4	51.3	40.6	42.7	33.4	33.8		125
130	57.8	58.8	56.9	50.5	50.1	39.8	41.7	32.7	33.4		130
135	55.2	56.2	54.5	49.7	49	39.1	40.7	32.1	33		135
140	52.8	53.7	52.1	48.9	47.9	38.4	39.8	31.4	32.6	26.8	140
150	48.3	49	47.7	47.2	45.7	37	38	30.2	31.5	26.2	150
160	44.3	44.8	43.7	44.9	43.5	35.8	36.2	29	30.3	25.2	160
170	40.7	41.1	40.2	41.2	40.5	34.7	34.6	28	29	24.2	170
180	37.2	37.3	37	37.9	37.5	33.7	33	27.1	27.6	23.3	180
190	33.8		33.7	34.9	34.4	32.9	31.6	26.3	26.4	22.4	190
200			30.6	31.9	31.4	31.6	30	25.5	25.2	21.6	200
210					28.5	29.3	28.3	24.9	24.1	21	210
220					26.1	26.5	25.7	24.4	23	20.4	220
230					23.7		23.5	23.4	22.1	19.8	230
240							21.4	21.9	20.8	19.3	240
250									19.1	19	250
260									17.4	18.4	260
270									15.9		270

TAB 136140 / 136146

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



ft	177 ft										ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	
80	72.5										80
85	71			63							85
90	69.5			62							90
95	68.5	67.5	61		52						95
100	67	66	60		51.3		41.7		33		100
105	65.5	65	59.3	50.5	50.5		41.4		32.7		105
110	63.5	63.5	58.1	49.5	49.6		41.1		32.4		110
115	62	62	56.8	48.5	48.6		40.6		32.2		115
120	59.8	60.5	55.5	47.6	47.6	37.9	39.9		32		120
125	57.4	58.6	54.1	46.6	46.5	37.1	39		31.8		125
130	54.6	55.9	52.9	45.8	45.4	36.3	38.1	30.9	31.5		130
135	52.2	53.3	51.3	45	44.3	35.6	37.2	30.4	31.2		135
140	49.8	50.8	49.6	44.2	43.3	34.9	36.2	29.8	30.8	24.6	140
150	45.4	46.2	45.8	42.7	41.3	33.6	34.5	28.6	29.7	24	150
160	41.4	42.1	41.9	41.2	39.5	32.4	32.8	27.4	28.4	23	160
170	37.9	38.5	38.4	39.5	37.6	31.3	31.3	26.4	27.2	22	170
180	34.4	34.9	35.4	36.4	34.9	30.3	29.9	25.4	26	21.1	180
190	31.1	31.4	32.2	33.1	31.9	29.4	28.5	24.5	24.9	20.3	190
200	27.9	28.1	29	29.8	28.9	28.4	27.1	23.7	23.7	19.5	200
210			26.1	26.6	26	27.1	25.6	23	22.7	18.8	210
220			23.6	23.9	23.5	24.3	23	22.4	21.7	18.2	220
230			21.2		21.3	21.8	20.8	21.8	20.7	17.7	230
240					19.2	19.5	18.8	20.6	19.4	17.2	240
250							17.1	18.6	17.5	16.8	250
260							15.6	16.8	16.1	16.3	260
270							14.1		14.7	15.1	270
280									13.4	13.7	280

TAB 136140 / 136146

ft	196 ft										ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	
85	63.5										85
90	62.5										90
95	61		54.2								95
100	60	59.6	53.4		46.3						100
105	59.1	58.5	52.6		46		37.5		30.1		105
110	57.8	57.5	51.8	47.9	45.5		37.2		29.9		110
115	56.3	56.5	50.9	47.4	45		37		29.7		115
120	54.8	55.4	49.9	46.6	44.5		36.7		29.5		120
125	53.4	54.1	48.7	45.9	44	36.9	36.5		29.3		125
130	52	52.6	47.6	45.2	43.2	36.3	36.2	30.9	29.1		130
135	50.1	50.8	46.5	44.5	42.3	35.8	35.8	30.5	28.8		135
140	48.1	49	45.4	43.8	41.4	35.2	35.2	30	28.6	24.8	140
150	44	45	42.8	42.5	39.6	34.1	34	29	28.1	24.3	150
160	40.1	41	39.7	40.7	37.8	33.1	32.7	28	27.6	23.5	160
170	36.6	37.3	36.3	37.6	35.7	32.1	31.5	27.1	26.9	22.7	170
180	33.6	34.1	33.2	34.4	32.8	31.1	30.3	26.3	26	21.9	180
190	30.4	30.9	30.4	31.4	30	30.2	28.8	25.5	25.2	21.2	190
200	27.3	27.7	27.5	28.5	27.2	28.7	26.8	24.8	24.3	20.5	200
210	24.4	24.6	24.4	25.3	24.4	25.7	24	24.1	23.4	19.8	210
220	22	22	22	22.5	21.8	23	21.5	23.4	21.8	19.2	220
230	19.6		19.8	20	19.5	20.4	19.2	21.8	19.9	18.7	230
240			17.8		17.5	18.1	17.1	19.7	17.9	18.2	240
250					15.9	16.1	15.2	17.6	16	17.6	250
260					14.4	14.5	13.9	15.6	14.4	15.8	260
270					12.9		12.6	14	13.1	14.2	270
280							11.4		11.9	12.7	280
290									10.8	11.4	290
300									9.7	10.1	300
310									8.7		310

TAB 136140 / 136146

## Lifting capacities on SWF boom/jib combination Forces de levage en configuration SWF



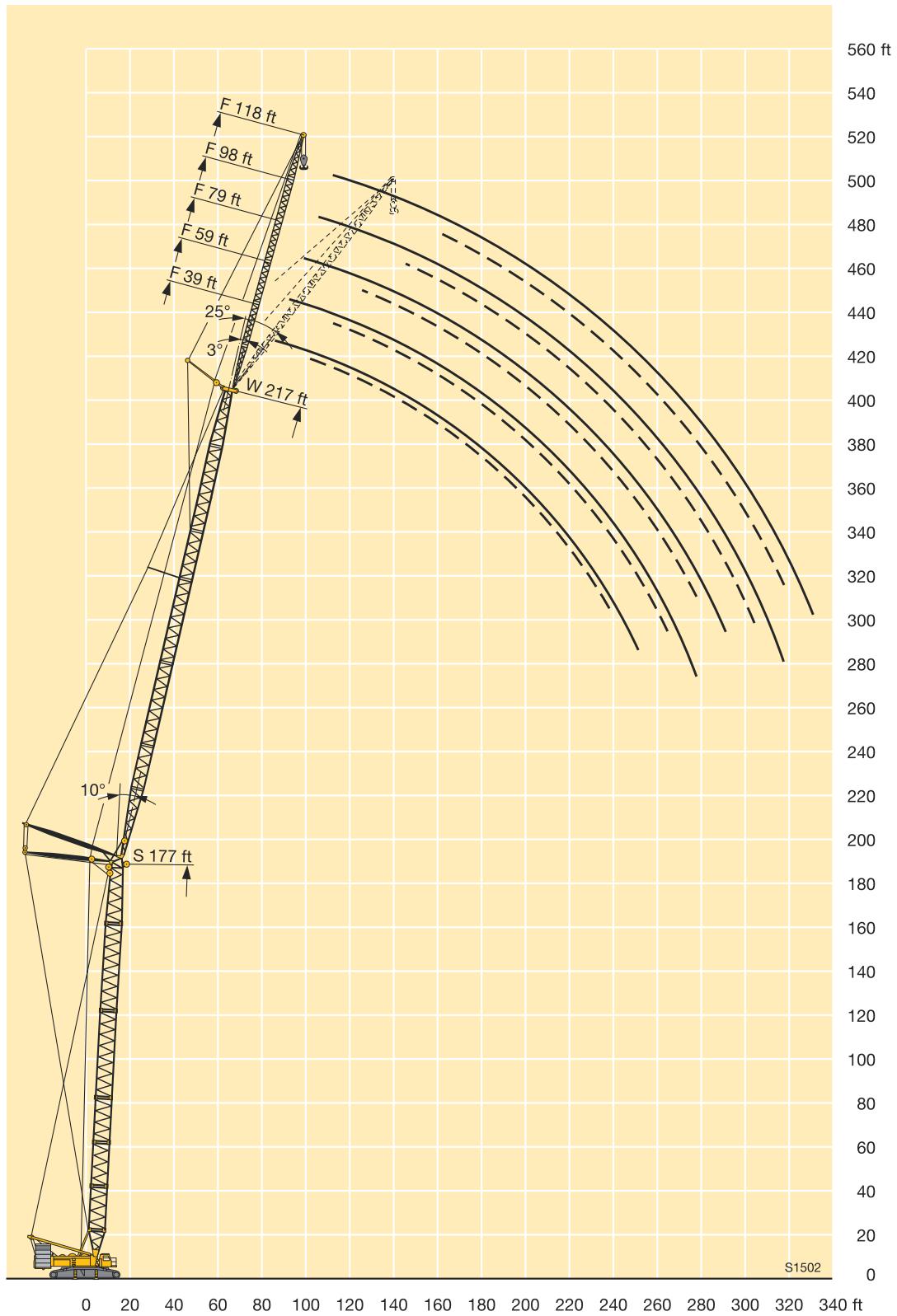
L ft	217 ft										L ft
	39 ft		59 ft		79 ft		98 ft		118 ft		
3°	25°	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
85	55.5										85
90	54.6										90
95	53.7		47.9								95
100	52.8	51.8	47.2		41.3						100
105	51.9	51.6	46.5		40.8		34.1				105
110	51.1	50.7	45.8	42.8	40.3		33.9		27.2		110
115	50.1	49.9	45.2	42.3	39.7		33.8		27.1		115
120	49	49	44.6	41.6	39.3		33.6		26.9		120
125	47.7	48.2	43.9	40.9	38.7	33.1	33.4		26.7		125
130	46.6	47.2	42.9	40.3	38.2	32.5	33.2		26.5		130
135	45.5	46.1	41.8	39.7	37.5	32	32.9		26.4		135
140	44.4	44.8	40.8	39.1	36.7	31.4	32.4	26.3	26.2		140
150	41.2	41.8	38.9	37.9	35.2	30.4	31.4	25.8	25.8		150
160	37.4	38.4	36.7	36.6	33.7	29.4	30.2	24.9	25.2	20.8	160
170	34	34.8	33.6	35.1	32.3	28.4	29	24.1	24.3	20.1	170
180	31	31.7	30.7	32.1	30	27.5	28	23.3	23.4	19.4	180
190	28.1	28.7	27.8	29.2	27.5	26.7	26.5	22.6	22.5	18.7	190
200	25.2	25.8	25	26.2	24.9	25.5	24.5	21.8	21.7	18.1	200
210	22.1	22.6	22.2	23.1	21.9	23.7	22.3	21.1	20.8	17.5	210
220	19.7	19.9	19.6	20.5	19.6	21	20.3	20.5	19.4	16.9	220
230	17.7	17.7	17.4	18.1	17.5	18.6	18.4	19.4	17.6	16.4	230
240	15.8		15.6	15.9	15.5	16.5	16.5	17.8	15.7	15.9	240
250			14	14.1	13.7	14.6	14.6	15.7	14	15.4	250
260			12.6	12.5	12.4	12.9	13	14.1	12.6	14.1	260
270			11.2		11.1	11.4	11.7	12.6	11.3	12.7	270
280					9.9		10.5	11.1	10.1	11.3	280
290							9.4	9.8	9.1	10	290
300							8.3	8.6	8.1	8.7	300
310							7.3		7.1	7.6	310
320									6.2		320

TAB 136140 / 136146



L ft	138 ft						L ft
	39 ft		59 ft		79 ft		
3°	25°	3°	25°	3°	25°	3°	25°
75	82						75
80	80	78.5		71			80
85	78	76.5	69.5		58.7		85
90	75.5	74.5	68		58.3		90
95	73.5	73	66.5		57.8		95
100	71	71	65	58.9	57.4		100
105	68.5	68.5	63	57.7	56.8		105
110	66.5	66.5	61	56.6	55.7	45.1	110
115	64.5	64.5	59.5	55.6	54.4	44.4	115
120	62	62.5	57.9	54.5	53	43.5	120
125	60	60.5	56.2	53.5	51.8	42.6	125
130	57.9	58.3	54.5	52.6	50.6	41.8	130
135	55.7	56.2	52.8	51.6	49.3	41	135
140	53.5	54.1	51.1	50.6	48.1	40.3	140
150	49.3	49.8	47.9	48.3	45.5	38.9	150
160	45.2	45.6	44.7	45.5	42.9	37.6	160
170	41.3	41.4	41.1	42	40.6	36.5	170
180	37.5		37.5	38.8	37.9	35.5	180
190			34.2		34.9	34.3	190
200					31.9	32.5	200
210					29.1		210
220					26.5		220

TAB 136140 / 136146

**Lifting heights on SWF boom/jib combination  
Hauteur de levage en configuration SWF**





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Subject to modification / Sous réserve de modification

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