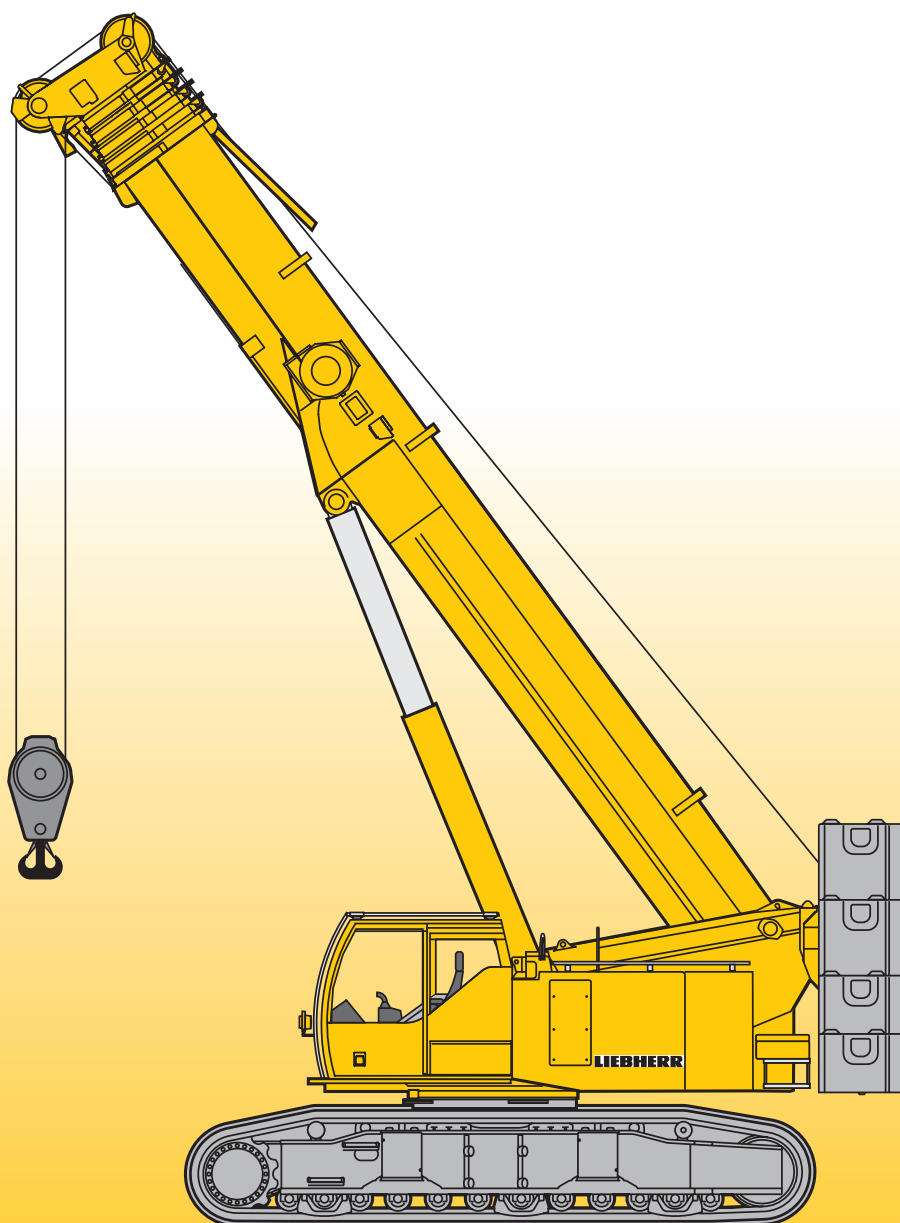


Telescopic Crawler Crane Grue télescopique sur chenilles

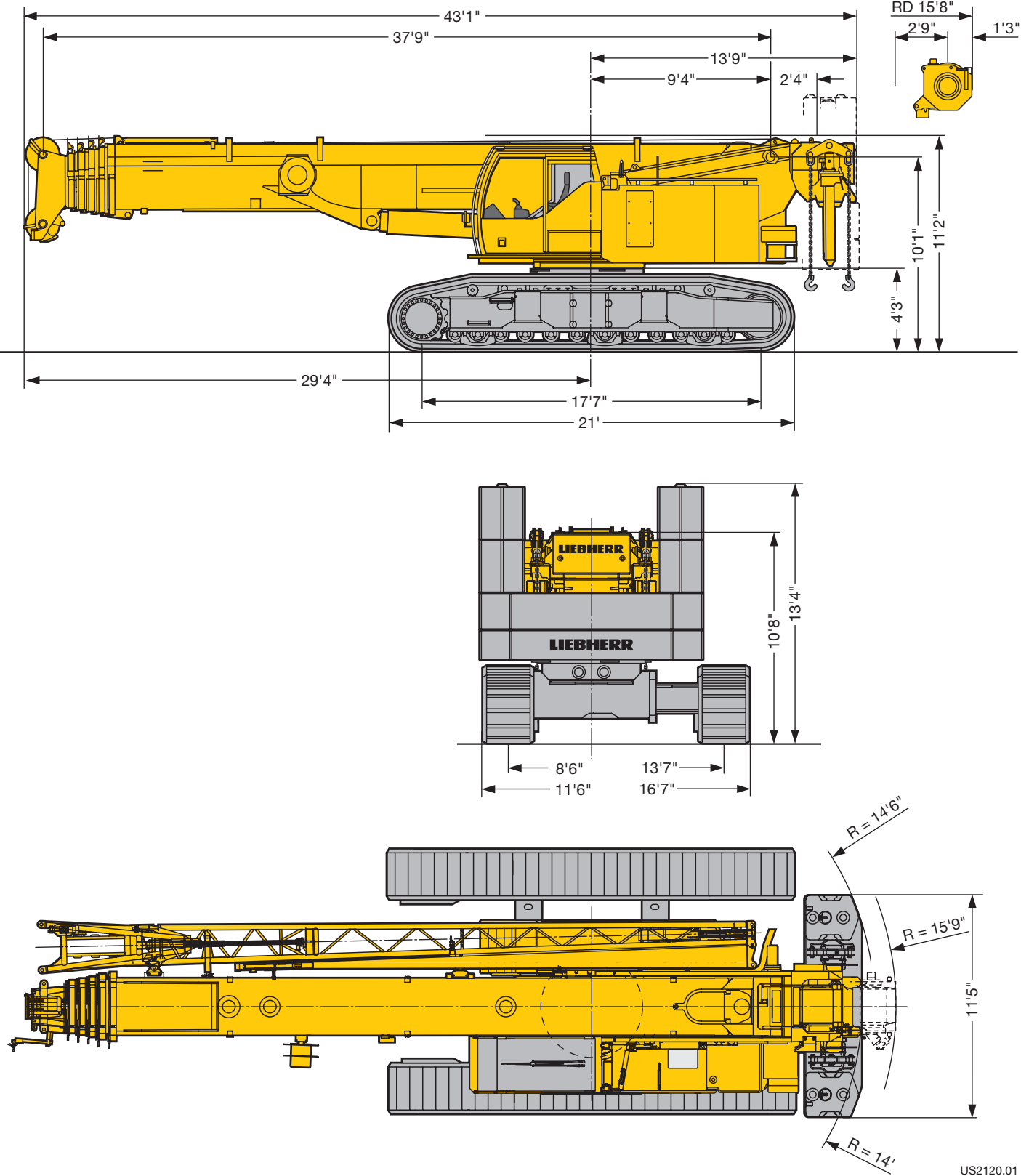
LTR 1100

Technical Data Caractéristiques techniques



LIEBHERR

Dimensions **Encombrement**



US2120.01

Crane data Dates de la grue

	Total driving force Puissance propulsive totale	148400 lbs
	Total weight with 70540 lbs counterweight, 33070 lbs central ballast and 3-sheave hook block Poids total avec contrepoids de 70540 lbs, lest central de 33070 lbs et moufle à crochet à 3 poulies	~ 225000 lbs
	Average ground pressure without jack-up cylinders at 225000 lbs total weight and with 2'11" track pads Pression au sol moyenne sans vérin Jack-up pour un poids total de 225000 lbs et des tuiles de 2'11"	15 lbs / inch ²
	normal gear · marche normale rapid gear · marche rapide	0 – 0.6 mph 0 – 1.7 mph



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diamètre du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 361 ft/min single line ft/min au brin simple	0'8" / 656 ft	19400 lbs
	0 – 361 ft/min single line ft/min au brin simple	0'8" / 656 ft	19400 lbs
	0 – 1.8 rpm		
	approx. 60 seconds to reach 82° boom angle env. 60 s jusqu'à 82°		
	approx. 360 seconds for boom extension from 38 ft – 171 ft env. 360 s pour passer de 38 ft – 171 ft		

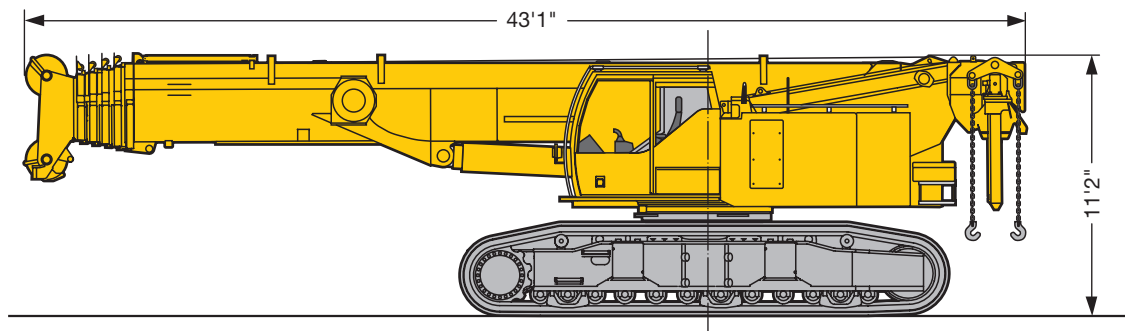


Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
220	7	14	2730
200	5	11	1540
130.2	3	7	1102
57.5	1	3	992
19.4	–	1	550

Transportation plan Plan de transport

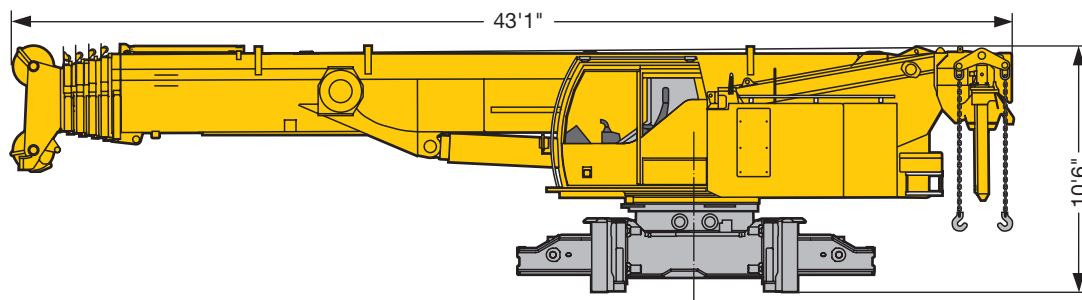
Basic machine, width 11'6", triple grouser crawler carrier 2'11"
Machine de base, largeur 11'6", 3 nervures longerons 2'11"

115960 lbs



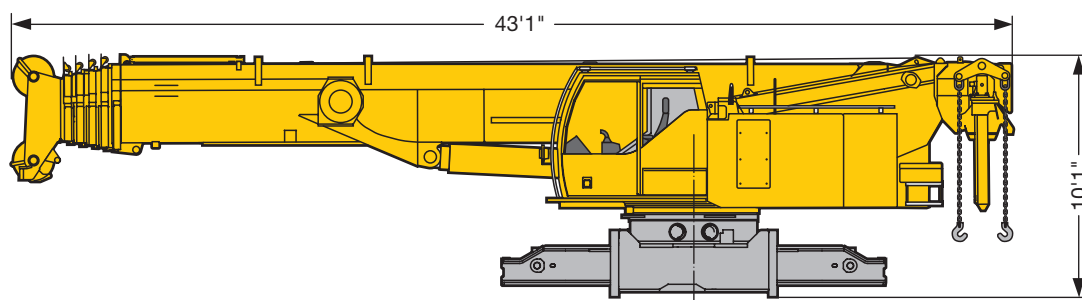
Basic machine, width 9'10", with jack-Up cylinder (optional)
Machine de base, largeur 9'10", avec verin Jack-Up (option)

80700 lbs



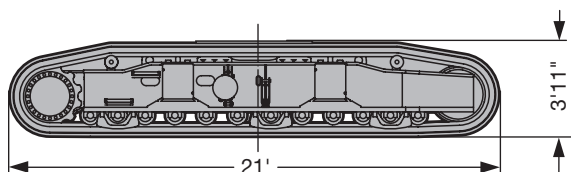
Basic machine, width 9'10"
Machine de base, largeur 9'10"

77600 lbs



Crawler carrier, 2 x, width 2'11"
Longerons, 2 x, largeur 2'11"

19180 lbs (2x) triple grouser
3 nervures

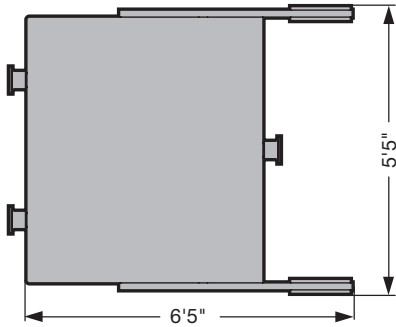
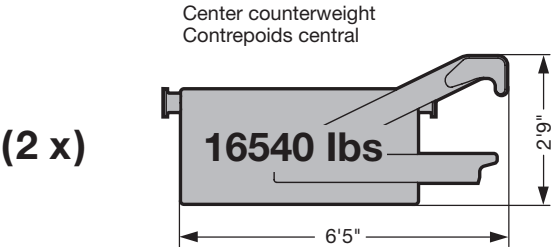


19620 lbs(2x) Flat track pads (optional)
Tuiles plates (option)

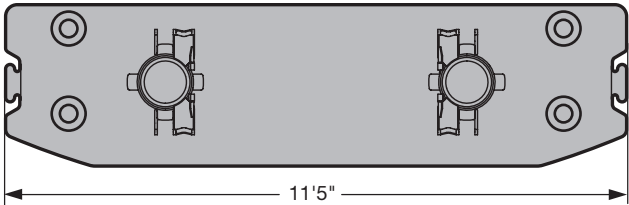
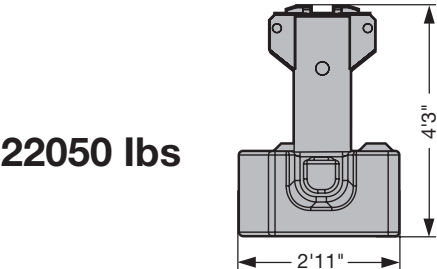
US2133.01

Transportation plan Plan de transport

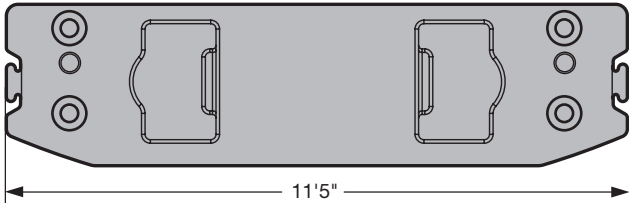
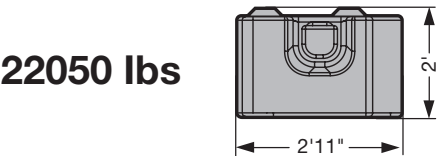
Counterweight versions
Variantes de contrepoids



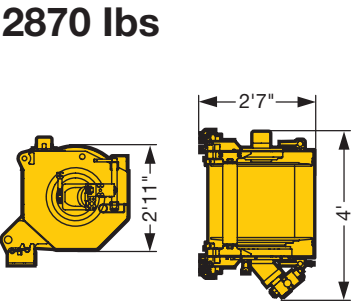
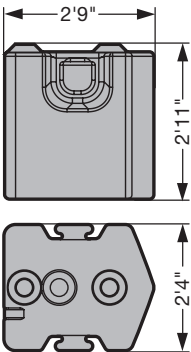
Part A / Partie A
Superstructure ballast
Contrepoids de la partie tournante



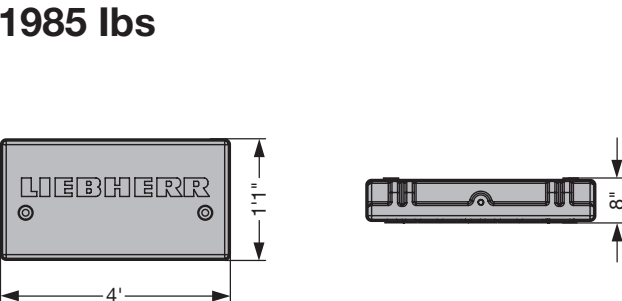
Part B / Partie B
Superstructure ballast
Contrepoids de la partie tournante



Part C / Partie C
6610 lbs
Winch 2 incl. rope
Treuil 2 avec câble



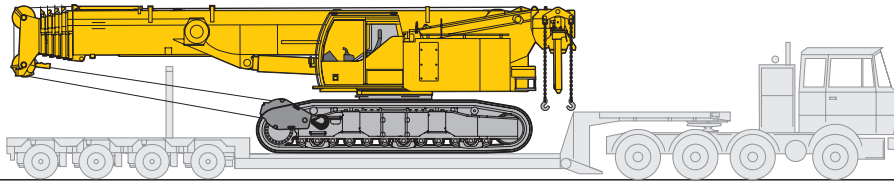
Replacement ballast for winch 2
Contrepoids de remplacement pour le treuil 2



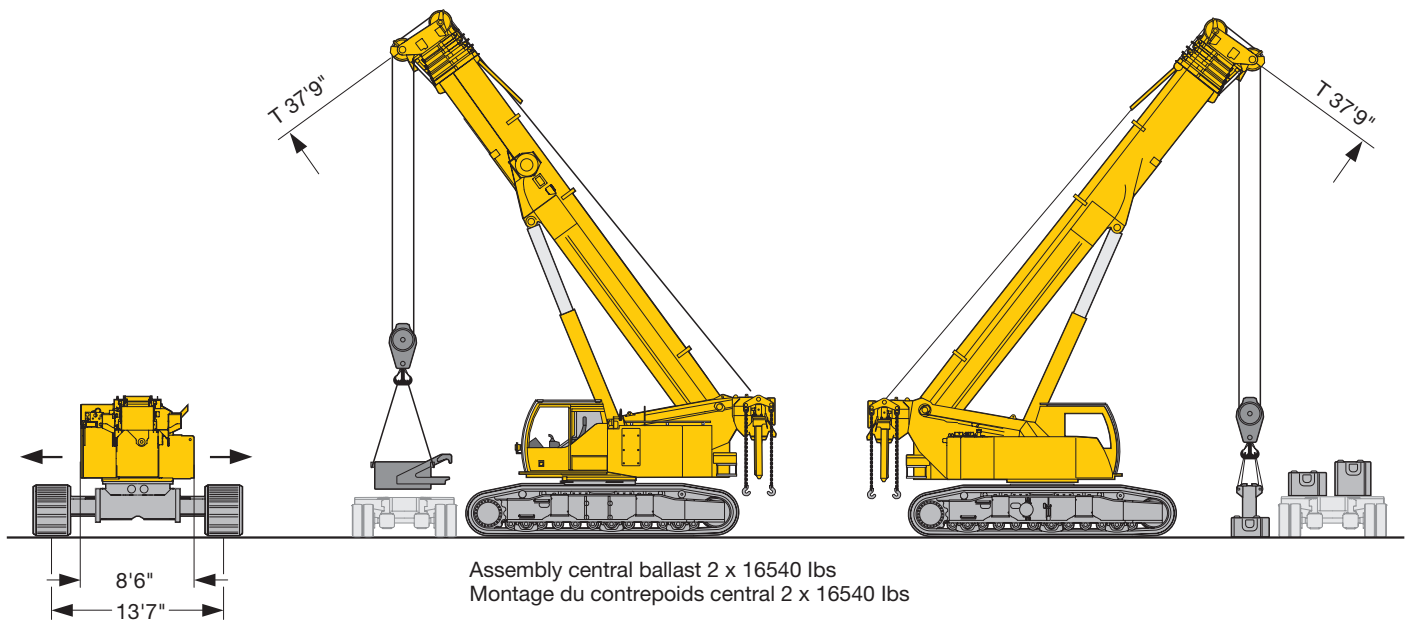
US2136

	Part A / Partie A à 22050 lbs	Part B / Partie B à 22050 lbs	Part C / Partie C à 6610 lbs
57320 lbs* 70540 lbs	1 x 1 x	1 x 1 x	2 x 4 x
* standard · standard			

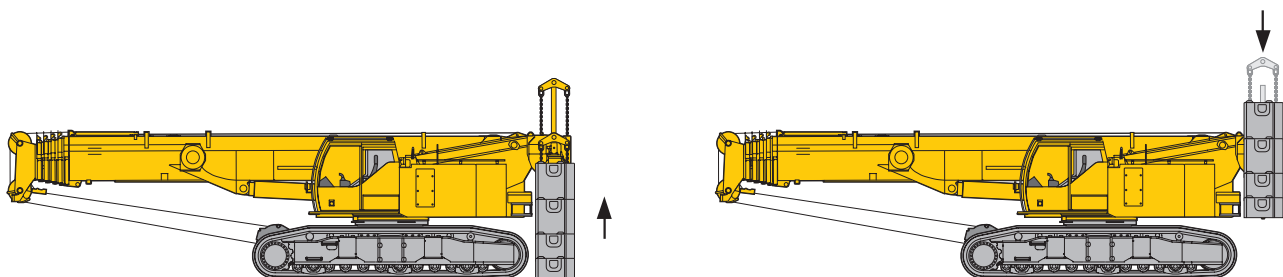
Transportation plan Plan de transport



Transport width 11'6" with crawlers (2'11")
Largeur de transport 11'6" avec chenilles (2'11")



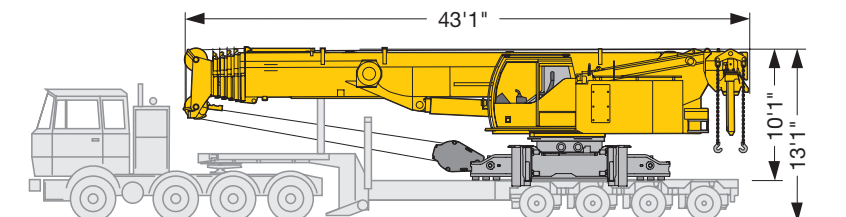
Telescope crawler travel gear out
Elargir le train de chenilles



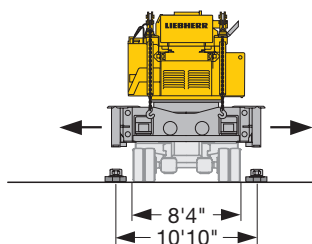
Assembly superstructure ballast
Montage du contrepoids de la partie tournante

US2132.01

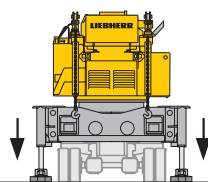
Transportation plan Plan de transport



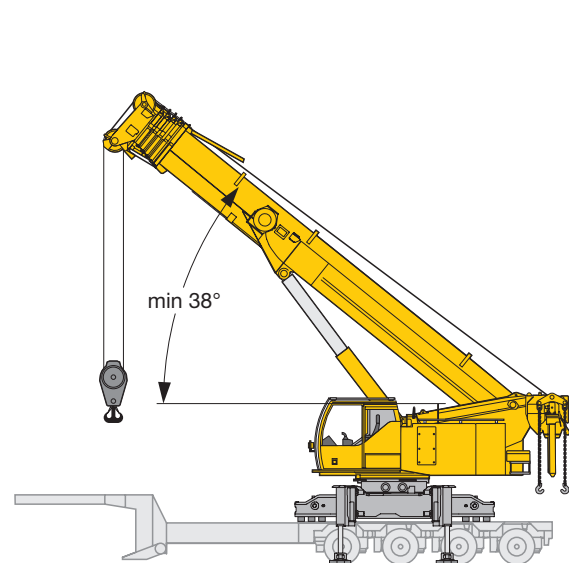
9'10" transport width on low loader up to 8'4" wide
Largeur de transport de 9'10" avec une remorque surbaissée jusqu'à 8'4" de large



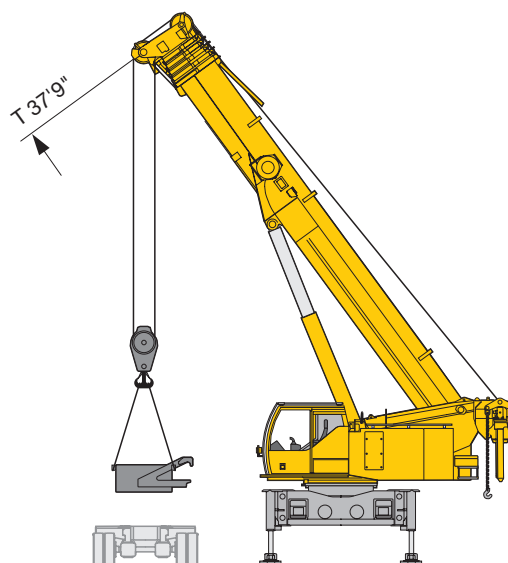
Swinging out the four jack-up cylinders
Extension des 4 vérins Jack-up



Supporting up the crane
Calage de la grue



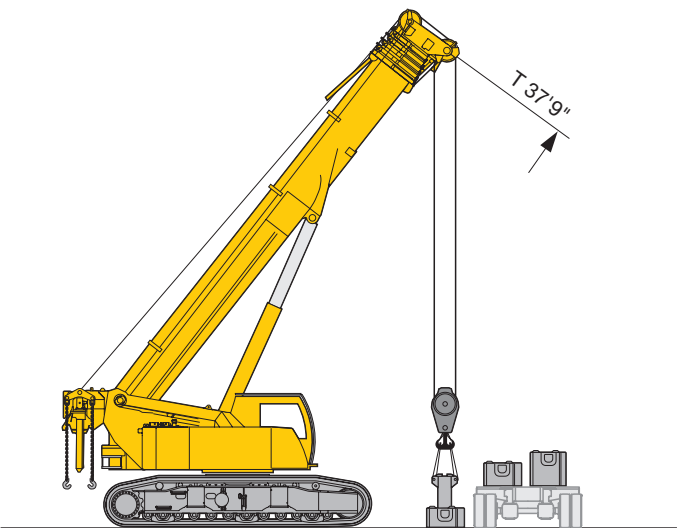
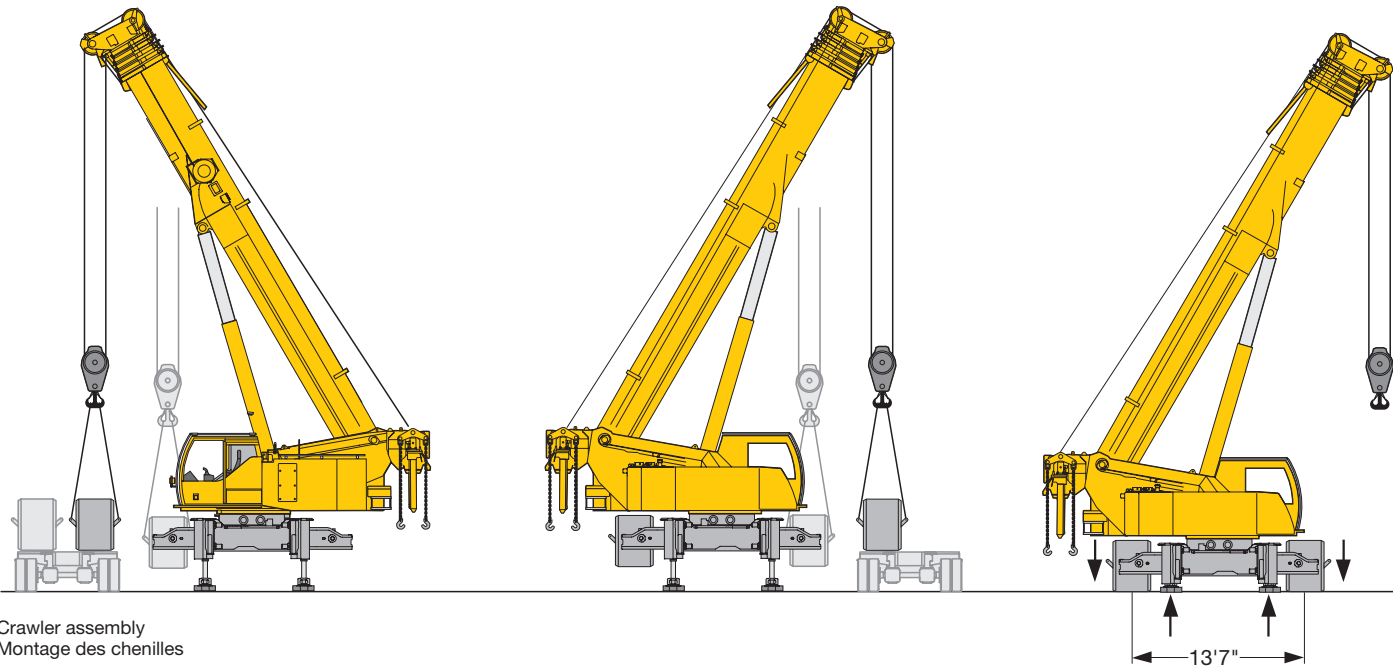
Boom lift to min. 38° on low loader
Relevage à 38° minimum sur la remorque surbaissée



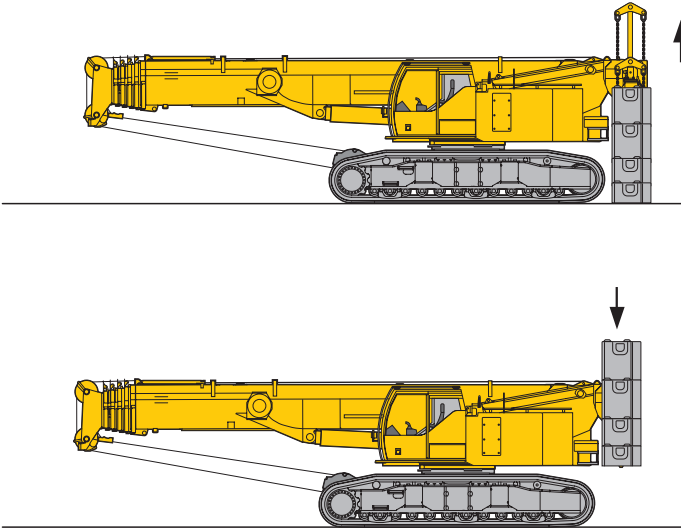
Central ballast assembly (2 x 16540 lbs)
Montage du contrepoids central (2 x 16540 lbs)

US2134.01

Transportation plan
Plan de transport



Assembly superstructure ballast
Montage du contre poids de la partie tournante



US2135.01

Lifting capacities on telescopic boom
Forces de levage à la flèche télescopique

38 – 171 ft 360° 70540 lbs 33100 lbs 85%															
 ft		38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	 ft	
9	187*													9	
10	187*													10	
11	185*													11	
12	180	153	129											12	
13	171	155	130											13	
14	163	155	131	124	103									14	
15	155	154	132	123	103									15	
16	148	148	132	122	102	84								16	
17	142	142	131	120	100	83								17	
18	136	136	128	118	98.5	82		66.5	55.3					18	
20	124	124	121	112	95.5	79.5	66	55.1						20	
22	111	112	108	101	92.5	77.5	63.5	53.9	44.5					22	
24	99.5	101	97.5	91	87.5	75.5	61.5	52.5	44.1					24	
26	88	90	88	82.5	80	73.5	58.8	51	43.2	38.5				26	
28		81	79.5	77	74	70.5	56.5	49.2	42.3	38	29.5			28	
30		73	72	72	69	67	54.2	47.3	41.2	37.4	29.4			30	
32		66	65.5	68	65	62	52.1	45.6	39.8	36.6	28.9	23.3		32	
34		61	60.5	63.5	61.5	58.3	50.2	44	38.5	35.6	28.4	23		34	
36		56.6	56.8	58.6	57.3	54.7	48.5	42.4	37.2	34.6	27.9	22.6		36	
38		52.3	53.1	54	53.2	51.2	46.8	40.9	35.9	33.5	27.4	22.2		38	
40			49.6	49.9	49.5	47.9	45.1	39.5	34.7	32.4	27	21.8		40	
45			42	42.2	41.8	40.9	40	36.2	32	30.1	25.9	20.8		45	
50			36.3	36.4	36	35.5	35.7	33.2	29.6	27.9	24.7	19.9		50	
55				31.7	31.3	31.5	31.6	30.1	27.4	25.9	23.4	19.1		55	
60					27.4	28.4	27.7	26.9	25.5	24.1	22	18.4		60	
65					24.5	25.2	24.5	23.7	23.6	22.3	20.6	17.6		65	
70					22	22.7	22.3	21.9	21.4	20.6	19.3	16.6		70	
75						20.4	20.3	20.1	19.6	19.1	18	15.6		75	
80						18.5	18.5	18.1	18.1	17.9	16.8	14.6		80	
85						16.8	17.1	16.4	16.6	16.3	15.5	13.8		85	
90							15.7	15.3	15.1	14.9	13.9	13		90	
95							14.4	14.2	13.9	13.5	12.6	12.2		95	
100								13.2	12.8	12.3	11.4	11.3		100	
105								12.1	11.7	11.2	10.4	10.3		105	
110								11.2	10.7	10.2	9.5	9.4		110	
115									9.8	9.3	8.6	8.6		115	
120									9	8.5	7.7	7.7		120	
125										7.7	6.9	7		125	
130										7	6.3	6.3		130	
135										6.4	5.6	5.7		135	
140											5.1	5.1		140	
145												4.5		145	
150												4		150	
155												3.6		155	

* with 35270 lbs superstructure ballast · avec 35270 lbs contrepoids de la partie tournante

TAB 1752001

Lifting capacities on telescopic boom Forces de levage à la flèche télescopique

38 – 171 ft 360° 57320 lbs 33100 lbs 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	201*												9
10	200*												10
11	189*												11
12	179	153	129										12
13	169	155	130										13
14	161	155	131	124	103								14
15	153	153	132	123	103								15
16	146	146	132	122	102	84							16
17	139	139	129	118	100	83							17
18	132	131	121	112	98.5	82	66.5	55.3					18
20	117	116	108	99.5	94.5	79.5	66	55.1					20
22	102	103	96	89.5	86	77.5	63.5	53.9	44.5				22
24	89	92	86.5	82.5	79	74	61.5	52.5	44.1				24
26	78	80.5	78	78	73.5	69.5	58.8	51	43.2	38.5			26
28		72	71	72	68	64	56.5	49.2	42.3	38	29.5		28
30		65	64.5	66	63	59.2	54.1	47.3	41.2	37.4	29.4		30
32		59.3	60.5	61	58.4	55	51.7	45.6	39.8	36.6	28.9	23.3	32
34		54.6	56	56.3	54.4	51.5	49.2	43.8	38.5	35.6	28.4	23	34
36		50.5	51.8	52.1	50.8	48.5	46.5	42.1	37.2	34.6	27.9	22.6	36
38		46.3	47.7	47.9	47.1	45.5	43.8	40.3	35.9	33.5	27.4	22.2	38
40			44	44.2	43.8	42.7	41.4	38.6	34.7	32.4	27	21.8	40
45			37.1	37.3	36.9	37.5	36.6	34.3	32	30.1	25.9	20.8	45
50			31.9	32.1	31.8	32.6	31.8	30.2	29.2	27.6	24.7	19.9	50
55				27.8	27.7	28.4	27.9	26.9	26.3	25.2	23.4	19.1	55
60					24.2	24.9	24.7	24.2	23.6	23.1	21.9	18.4	60
65					21.3	22	21.9	21.7	21.7	21.3	19.9	17.6	65
70					19	19.7	20	19.7	19.6	19.2	18	16.6	70
75						18	18.1	17.9	17.7	17.3	16.1	15.5	75
80						16.8	16.3	16.3	15.9	15.4	14.4	14.3	80
85						15.2	14.8	14.7	14.3	13.8	12.8	12.7	85
90							13.6	13.4	13	12.4	11.5	11.4	90
95							12.5	12.2	11.8	11.2	10.4	10.3	95
100								11.2	10.7	10.2	9.3	9.3	100
105								10.1	9.6	9.2	8.4	8.4	105
110								9.3	8.7	8.3	7.5	7.5	110
115									7.9	7.5	6.7	6.7	115
120									7.2	6.7	6	6	120
125										6	5.3	5.3	125
130										5.4	4.7	4.7	130
135										4.9	4.1	4.1	135
140											3.6	3.6	140
145												3.1	145
150												2.6	150
155												2.2	155

* with 35270 lbs superstructure ballast · avec 35270 lbs contrepoids de la partie tournante

TAB 1752002

Lifting capacities on telescopic boom Forces de levage à la flèche télescopique

38 – 171 ft 360° 44100 lbs 33100 lbs 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	199*												9
10	197*												10
11	186*												11
12	176	153	129										12
13	167	155	130										13
14	159	151	131	124	103								14
15	151	145	130	122	103								15
16	142	134	123	113	102	84							16
17	133	126	115	106	99	83							17
18	123	118	108	100	95	82	66.5	55.3					18
20	105	103	94	89	86.5	79	66	55.1					20
22	90.5	91.5	84	82.5	78.5	72.5	63.5	53.9	44.5				22
24	78	80.5	76.5	75.5	71	66.5	60.5	52.5	44.1				24
26	68	70.5	71.5	68.5	64.5	60.5	57.2	51	43.2	38.5			26
28		63.5	65	63	59.5	56.1	53.2	48.9	42.3	38	29.5		28
30		57.2	58.7	57.9	54.7	52	49.4	46.5	41.2	37.4	29.4		30
32		51.9	53.4	53.3	50.8	48.2	46.8	43.8	39.8	36.6	28.9	23.3	32
34		47.6	49	49.3	47.3	45.3	44.1	41.3	38.2	35.5	28.4	23	34
36		43.9	45.3	45.5	44.3	43.1	41.5	38.8	36.4	34.3	27.9	22.6	36
38		40.2	41.6	41.8	41.3	40.9	38.8	36.4	34.7	33	27.4	22.2	38
40			38.3	38.5	38.4	38.6	36.5	34.2	33	31.6	27	21.8	40
45			32.1	32.3	32.2	32.9	32.1	30.4	29	27.7	25.9	20.8	45
50			27.5	28.3	27.5	28.3	28	27.1	26.1	25.2	23.7	19.9	50
55				24.9	23.7	24.5	24.5	24.2	23.6	22.7	21.2	19.1	55
60					20.6	21.6	21.8	21.8	21.2	20.1	18.7	18.2	60
65					18.2	19.6	19.4	19.2	18.8	17.9	16.5	16.2	65
70					16.9	17.6	17.3	17.1	16.7	16	14.7	14.4	70
75						15.8	15.5	15.3	14.8	14.2	13.1	12.9	75
80						14.2	13.9	13.7	13.1	12.5	11.6	11.5	80
85						12.8	12.5	12.3	11.7	11.2	10.3	10.2	85
90							11.3	11.1	10.6	10	9.2	9.1	90
95							10.2	10	9.5	9	8.2	8.1	95
100								9	8.5	8	7.2	7.2	100
105								8.1	7.6	7.1	6.4	6.4	105
110								7.3	6.8	6.3	5.6	5.6	110
115									6.1	5.6	4.8	4.9	115
120									5.4	4.9	4.2	4.2	120
125										4.3	3.6	3.6	125
130										3.8	3	3	130
135										3.3	2.5	2.5	135
140											2.1		140

* with 35270 lbs superstructure ballast - avec 35270 lbs contrepoids de la partie tournante

TAB 1752004

Lifting capacities on telescopic boom Forces de levage à la flèche télescopique

38 – 171 ft 360° 22000 lbs 33100 lbs 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	195*												9
10	193*												10
11	182	152	129										11
12	169	146	127										12
13	152	134	122	109									13
14	138	123	112	103	93								14
15	124	113	103	97	91.5								15
16	113	105	96	92	85.5	76.5							16
17	104	98	90.5	86.5	80	74							17
18	96.5	91.5	85.5	81.5	75.5	70	59.1	55					18
20	81	79	76	71.5	66.5	62.5	58.4	54.3					20
22	69	70.5	68	64	60.5	56.3	53.8	50	44.5				22
24	59.3	62.5	61	57.7	54.6	51.6	49.5	46.3	43.1				24
26	51.5	54.7	54.9	52.2	49.5	48.1	45.4	43	40.5	37.5			26
28		48.8	49.8	47.8	45.4	44.4	42.1	39.8	37.5	35	29.5		28
30		43.5	44.9	43.8	41.6	40.9	39	36.8	34.6	32.5	29.4		30
32		39.2	40.7	40.7	38.4	37.8	36.1	34.4	32.1	31.3	28.9	23.3	32
34		35.8	37.2	37.9	35.7	35.3	33.9	32.4	30.2	29.7	27.7	23	34
36		32.9	34.3	35.2	33.3	33.1	32.1	30.7	28.8	27.9	26	22.6	36
38		29.9	31.4	32.6	30.9	30.9	30.3	28.9	27.4	26.1	24.3	22.2	38
40			28.8	30.1	28.8	29	28.5	27.3	25.9	24.5	22.7	21.6	40
45			24	25.2	25.1	25.4	24.5	23.5	22.3	21	19.4	18.8	45
50			20.2	21.4	21.6	21.9	21.3	20.4	19.3	18.2	16.7	16.3	50
55				18.3	18.5	18.8	18.5	17.8	16.8	15.8	14.4	14	55
60					16	16.3	16	15.6	14.7	13.7	12.4	12.1	60
65					14	14.3	14	13.5	12.8	12	10.7	10.5	65
70					12.3	12.6	12.2	11.8	11.2	10.5	9.3	9	70
75						11.1	10.7	10.4	9.8	9.2	8	7.8	75
80						9.8	9.4	9.2	8.6	8	6.9	6.7	80
85						8.6	8.3	8.1	7.6	7	5.9	5.7	85
90							7.3	7.1	6.6	6.1	5	4.8	90
95							6.4	6.2	5.7	5.2	4.2	4.1	95
100								5.4	4.9	4.4	3.5		100
105								4.7	4.1	3.7			105
110								4.1	3.5	3.1			110
115									3				115
120									2.4				120

* with 35270 lbs superstructure ballast - avec 35270 lbs contrepoids de la partie tournante

TAB 1752006

Lifting capacities on telescopic boom

Forces de levage à la flèche télescopique

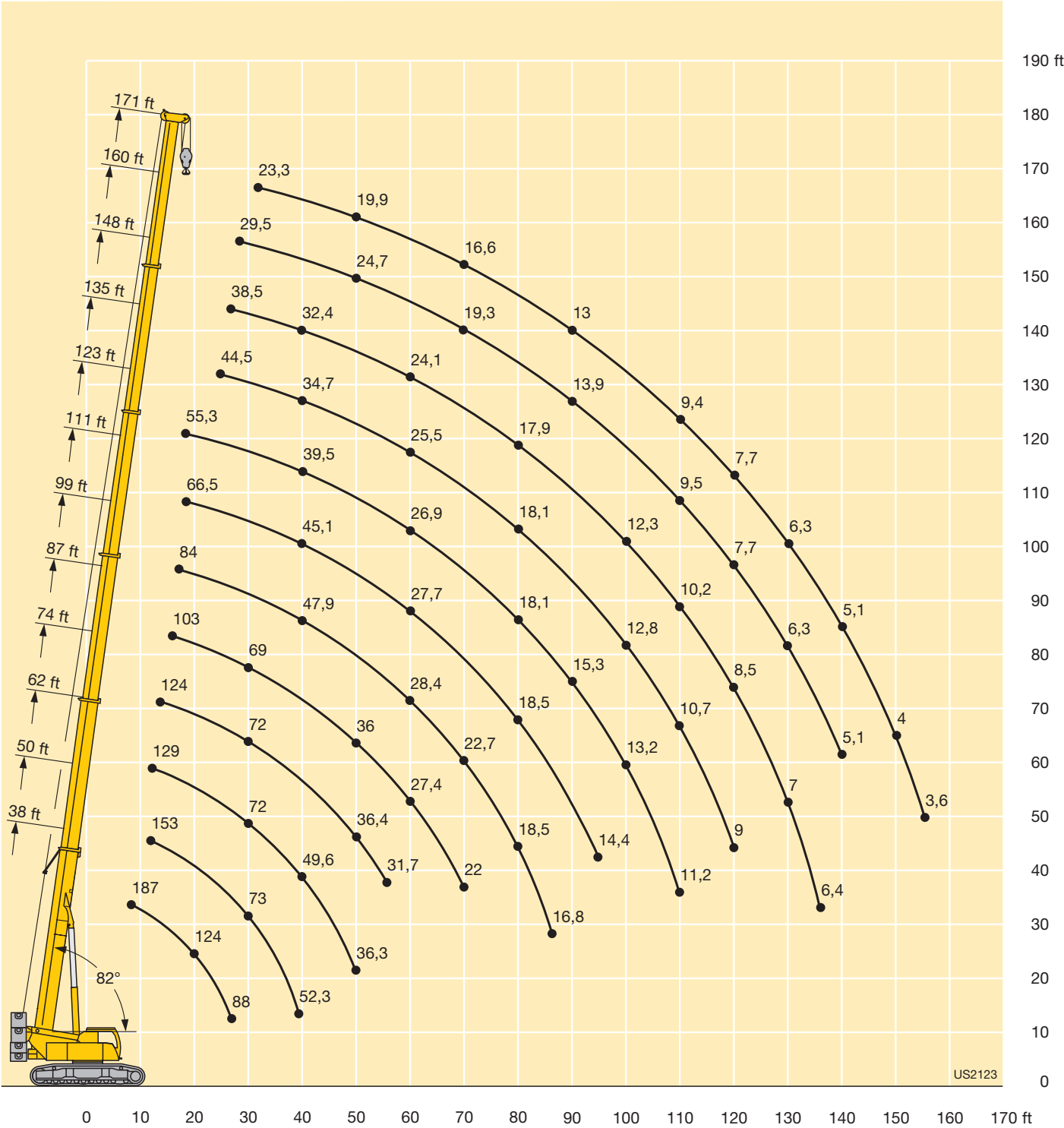
38 – 171 ft 360° 0 lbs 33100 lbs 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	168												9
10	164												10
11	142	115	102										11
12	123	109	98.5										12
13	108	98.5	91.5	83									13
14	97	90	84	77	66.5								14
15	87	82.5	77	71	65.5								15
16	79	75.5	71	66	61	56.3							16
17	72.5	69.5	66	61.5	57	54.5							17
18	67	65	61.5	58.4	53.5	51.3	43.2	40.6					18
20	56.5	55.5	53.4	52	46.9	45.4	42.6	40.1					20
22	47.8	48.9	47.5	46.5	42	41.7	39.2	36.9	33.2				22
24	40.6	43	42.4	41.6	38.4	38.1	35.8	33.8	31.7				24
26	34.8	38	38	37.5	35.8	34.5	32.6	30.8	28.9	26.6			26
28		33.6	34.4	34.2	32.8	31.7	29.9	28.2	26.5	24.7	21.1		28
30		29.7	31.1	31.1	30	29	27.3	25.9	24.3	22.7	20.7		30
32		26.6	28.2	28.6	27.6	26.7	25.2	23.9	22.4	20.9	19	17.8	32
34		24	25.6	26.4	25.5	24.8	23.4	22.2	20.8	19.3	17.6	17	34
36		21.9	23.4	24.4	23.7	23.1	21.7	20.6	19.3	18	16.3	15.8	36
38		19.7	21.2	22.4	21.9	21.4	20.1	19.1	17.9	16.6	15	14.5	38
40			19.3	20.5	20.3	19.8	18.6	17.7	16.5	15.3	13.7	13.3	40
45			15.6	16.8	17	16.7	15.7	14.8	13.8	12.7	11.3	10.9	45
50			12.8	14	14.2	14.1	13.3	12.5	11.6	10.6	9.3	9	50
55				11.7	11.9	12	11.3	10.6	9.7	8.8	7.5	7.3	55
60					10	10.1	9.6	9	8.2	7.3	6.1	5.9	60
65					8.3	8.6	8.2	7.6	6.8	6	4.8	4.7	65
70					7	7.3	7	6.5	5.7	4.9			70
75						6.1	5.8	5.5	4.7				75
80						5.2	4.8	4.6					80
85						4.3	4	3.7					85
90							3.2						90

TAB 1752007

38 – 171 ft 360° 0 lbs 0 lbs 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	130												9
10	128												10
11	110	92.5	84										11
12	94.5	87.5	80										12
13	83	77.5	72	66									13
14	74	70	65.5	62	51.3								14
15	66	63.5	59.7	57.1	50.8								15
16	59.7	57.9	55.1	52.8	48.4	45							16
17	54.6	53.3	51.2	49.2	45.8	43.5							17
18	50.2	49.4	47.7	46	43.1	40.9	34	31.8					18
20	41.9	41.9	41	40	37.9	36	33.5	31.3					20
22	35.5	36.6	36.1	35.5	33.8	32.2	30	28.1	24.7				22
24	30.1	32.1	31.9	31.6	30.2	28.9	27	25.3	23.5				24
26	25.4	28.2	28.3	28.2	27.1	26	24.3	22.8	21.2	19.3			26
28		25	25.4	25.6	24.6	23.7	22.2	20.8	19.3	17.8	14.6		28
30		22	22.8	23.1	22.3	21.5	20.1	18.9	17.5	16.1	14.3		30
32		19.5	20.7	21.1	20.3	19.7	18.4	17.3	16	14.7	13	12	32
34		17.4	18.8	19.3	18.7	18.1	16.9	15.9	14.7	13.4	11.8	11.4	34
36		15.6	17.1	17.8	17.2	16.8	15.6	14.7	13.5	12.3	10.7	10.3	36
38		13.8	15.4	16.2	15.8	15.4	14.3	13.4	12.3	11.2	9.7	9.3	38
40			13.9	14.8	14.4	14.1	13.1	12.3	11.2	10.1	8.7	8.4	40
45			10.7	11.9	11.8	11.6	10.7	10	9.1	8.1	6.7	6.5	45
50			8.4	9.6	9.8	9.6	8.8	8.1	7.3	6.4			50
55				7.7	8	7.9	7.2	6.6	5.8				55
60					6.4	6.5	5.8						60
65					5.1	5.4	4.7						65
70					4	4.3							70

TAB 1752147

Lifting heights
Hauteurs de levage



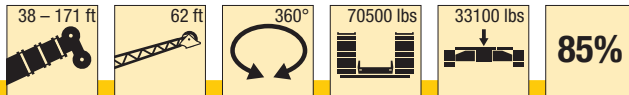
US2123

Lifting capacities on the folding jib
Forces de levage à la fléchette pliante

38 – 171 ft 35 ft 360° 70500 lbs 33100 lbs 85%																				
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft	
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
13	26.3																		13	
14	25.9																		14	
15	25.4																		15	
16	24.9																		16	
17	24.4																		17	
18	23.8																		18	
20	22.7																		20	
22	21.5	21		29.7															22	
24	20.4	20.5		29.4															24	
26	19.2	19.6		28.9			26.3												26	
28	18.2	18.8		28.5			26			20.9			16.8						28	
30	17.2	18.1		28.1			25.7			20.8			16.8						30	
32	16.3	17.4	16.5	27.7			25.4			20.5			16.5			13.5			32	
34	15.5	16.7	16.2	27.3			25.1			20.2			16.2			13.4			34	
36	14.8	16.1	15.7	26.9			24.8			19.9			16			13.1			36	
38	14.1	15.4	15.2	26.5	23		24.6	22		19.6			15.7			12.8			38	
40	13.5	14.7	14.8	26.1	22.9		24.3	21.9		19.3			15.5			12.6			40	
45	12	13.1	13.8	24.9	21.8	18.8	23.4	21.1		18.6	17.4		14.9	14.2		12.1	11.4		45	
50	10.8	11.7	12.4	23.7	20.8	18.1	22.3	20.3	17.6	17.9	16.8	15.9	14.4	13.7		11.6	11.1		50	
55	9.8	10.5	11.4	22.4	19.8	17.4	21.1	19.5	17.3	17.2	16.1	15.6	13.9	13.2	12.4	11.1	10.6	10.1	55	
60				21	18.9	16.8	19.8	18.7	16.7	16.5	15.5	15	13.3	12.7	12.4	10.7	10.2	10.1	60	
65				19.6	18.1	16.2	18.5	18	16.2	15.9	14.9	14.4	12.8	12.2	12	10.3	9.9	9.7	65	
70				18.4	17.3	15.7	17.3	17.2	15.7	15.2	14.3	13.9	12.3	11.8	11.6	9.9	9.5	9.3	70	
75				17.3	16.6	15.2	16.2	16.3	15.2	14.5	13.8	13.4	11.9	11.4	11.2	9.6	9.1	9	75	
80				16.2	15.9	14.7	15.1	15.4	14.8	13.7	13.3	12.9	11.4	11	10.9	9.2	8.8	8.7	80	
85				15.3	15.2	14.4	14.2	14.4	14.4	12.9	12.8	12.5	11	10.6	10.5	8.9	8.5	8.4	85	
90				14.1	14.4	14	13	13.5	13.8	12.2	12.3	12.2	10.7	10.3	10.2	8.5	8.2	8.1	90	
95				12.8	13.4	13.5	12.2	12.6	13	11.5	11.8	11.8	10.3	10	10	8.2	7.9	7.9	95	
100				11.5	12.3	12.8	11.5	11.7	12.1	10.7	11.1	11.4	10	9.7	9.7	7.9	7.7	7.6	100	
105				10.4	11	11.5	10.5	11	11.1	9.8	10.5	10.8	9.6	9.5	9.5	7.7	7.5	7.4	105	
110				9.4	10	10.4	9.5	10.1	10.5	9.5	9.5	9.9	8.9	9.2	9.2	7.4	7.2	7.2	110	
115				8.6	9	9.4	8.9	9.2	9.6	8.9	9	9.2	8.1	8.7	8.9	7.2	7	7	115	
120				8.1	8.3	8.5	8.4	8.5	8.8	8.1	8.6	8.7	7.3	8	8.4	6.9	6.8	6.8	120	
125				7.8	7.8	8	7.9	8.1	8.3	7.3	7.8	8.2	6.6	7.1	7.5	6.4	6.6	6.7	125	
130				7.5	7.6	7.8	7.2	7.6	7.7	6.7	7.1	7.4	5.9	6.4	6.8	5.7	6.3	6.6	130	
135				7.1	7.3	7.4	6.6	6.9	7.1	6	6.4	6.7	5.2	5.7	6.1	5.1	5.7	6	135	
140				6.7	6.9		6	6.3	6.4	5.4	5.8	6	4.7	5.1	5.4	4.5	5	5.3	140	
145							5.5	5.7		4.9	5.2	5.4	4.1	4.5	4.8	4	4.4	4.7	145	
150							5	5.2		4.4	4.7	4.8	3.6	4	4.2	3.5	3.9	4.1	150	
155							4.5	4.7		3.9	4.2	4.3	3.1	3.5	3.6	3	3.4	3.6	155	
160										3.5	3.7		2.7	3	3.1	2.6	2.9	3.1	160	
165										3.1			2.3	2.6	2.7	2.2	2.5	2.6	165	
170										2.8			1.9	2.2	2.2	1.8	2.1	2.2	170	

TAB 1752008 / 1752015 / 1752022

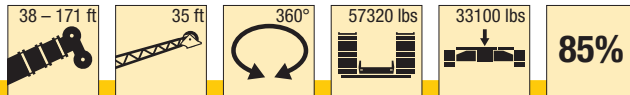
Lifting capacities on the folding jib Forces de levage à la fléchette pliante



	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	10																		18
20	9.9																		20
22	9.6																		22
24	9.3																		24
26	9.1			11.2															26
28	8.8			11.1			10.6												28
30	8.5			11			10.6												30
32	8.3			10.9			10.5			9.8									32
34	8.1			10.8			10.4			9.8									34
36	7.9			10.6			10.3			9.7									36
38	7.6	6.6		10.5			10.2			9.6			8.7			7.6			38
40	7.4	6.6		10.3			10.1			9.5			8.7			7.6			40
45	7	6.3		9.9			9.8			9.3			8.5			7.4			45
50	6.7	6		9.5	7.2		9.4	7.1		9			8.3			7.3			50
55	6.4	5.8	5.3	9.1	7.1		9.1	7		8.7	6.8		8.1	6.5		7.1			55
60	6.1	5.6	5.2	8.8	6.9		8.7	6.8		8.4	6.7		7.9	6.5		6.9			60
65	5.9	5.5	5.1	8.4	6.7	5.6	8.4	6.7		8.2	6.6		7.7	6.4		6.8	6.2		65
70	5.7	5.4	5.1	8.1	6.5	5.5	8.1	6.5	5.5	7.9	6.4	5.4	7.5	6.2		6.8	6.1		70
75	5.6	5.3	5.1	7.8	6.3	5.4	7.9	6.3	5.4	7.7	6.3	5.4	7.3	6.1	5.2	6.7	5.9	5.1	75
80	5.5	5.3	5.1	7.5	6.2	5.4	7.6	6.2	5.3	7.4	6.1	5.3	7.1	5.9	5.2	6.5	5.8	5.1	80
85	5.4	5.3	5.1	7.3	6.1	5.3	7.4	6.1	5.3	7.2	6	5.2	6.9	5.8	5.1	6.3	5.7	5.1	85
90				7.1	5.9	5.2	7.1	5.9	5.2	7	5.9	5.2	6.8	5.7	5.1	6.1	5.6	5	90
95				6.9	5.8	5.2	6.9	5.8	5.2	6.9	5.8	5.1	6.6	5.6	5.1	5.9	5.5	5	95
100				6.7	5.7	5.2	6.7	5.7	5.1	6.7	5.7	5.1	6.5	5.6	5	5.8	5.5	5	100
105				6.5	5.6	5.1	6.6	5.6	5.1	6.5	5.6	5.1	6.4	5.5	5	5.6	5.4	5	105
110				6.4	5.5	5.1	6.4	5.6	5.1	6.4	5.5	5.1	6.2	5.4	5	5.4	5.3	4.9	110
115				6.2	5.5	5.1	6.3	5.5	5.1	6.3	5.5	5.1	6.1	5.4	5	5.3	5.1	4.9	115
120				6.1	5.5	5.1	6.2	5.4	5.1	6.2	5.4	5.1	6	5.3	5	5.1	5	4.9	120
125				6	5.4	5.1	6.1	5.4	5.1	6.1	5.3	5.1	5.9	5.3	5	5	4.9	4.9	125
130				5.9	5.4	5.1	6	5.4	5.1	6	5.3	5.1	5.8	5.2	5	4.9	4.8	4.8	130
135				5.7	5.3	5.1	5.8	5.3	5.1	5.8	5.3	5.1	5.7	5.2	5	4.8	4.7	4.8	135
140				5.6	5.3	5.1	5.7	5.3	5.1	5.7	5.3	5.1	5.4	5.2	5	4.6	4.5	4.7	140
145				5.5	5.3	5.1	5.6	5.3	5.1	5.6	5.3	5.1	4.9	5.2	5	4.5	4.4	4.6	145
150				5.4	5.3	5.1	5.5	5.3	5.1	5.1	5.3	5.1	4.4	5.1	5	4.2	4.4	4.5	150
155				5.3	5.3	5.1	5.1	5.2	5.1	4.6	5.1	5	3.9	4.6	4.9	3.7	4.3	4.4	155
160				5.1	5.2	5.1	4.7	5	5	4.2	4.8	4.9	3.4	4.1	4.6	3.3	4	4.3	160
165				5	5.1		4.3	4.7	4.9	3.8	4.3	4.6	3	3.7	4.1	2.9	3.6	4	165
170				4.6	4.7		3.9	4.3	4.4	3.4	3.8	4.1	2.6	3.2	3.5	2.5	3.1	3.5	170
175							3.6	3.8		3	3.4	3.6	2.3	2.8	3.1	2.1	2.7	3.1	175
180							3.2	3.4		2.7	3	3.1	1.9	2.4	2.6		2.3	2.6	180
185										2.4	2.6				2.2			2.2	185
190										2.1	2.3				1.8			1.8	190

TAB 1752008 / 1752015 / 1752022

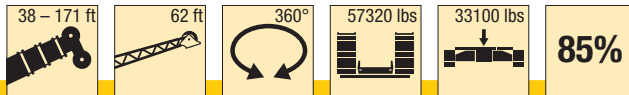
Lifting capacities on the folding jib Forces de levage à la fléchette pliante

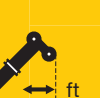


	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	27.8																		9
10	27.7																		10
11	27.3																		11
12	26.8																		12
13	26.4																		13
14	25.9																		14
15	25.4																		15
16	24.9	24.2																	16
17	24.4	23.9																	17
18	23.8	23.4																	18
20	22.7	22.4																	20
22	21.5	21.4		29.7															22
24	20.4	20.5		29.4															24
26	19.2	19.6	18.7	28.9			26.3												26
28	18.2	18.8	18.1	28.5			26			20.9			16.8						28
30	17.2	18.1	17.4	28.1			25.7			20.8			16.8						30
32	16.3	17.4	16.8	27.7			25.4			20.5			16.5			13.5			32
34	15.5	16.7	16.2	27.3			25.1			20.2			16.2			13.4			34
36	14.8	16.1	15.7	26.9			24.8			19.9			16			13.1			36
38	14.1	15.4	15.2	26.5	23		24.6	22		19.6			15.7			12.8			38
40	13.5	14.7	14.8	26.1	22.9		24.3	21.9		19.3			15.5			12.6			40
45	12	13.1	13.8	24.9	21.8	18.8	23.4	21.1		18.6	17.4		14.9	14.2		12.1	11.4		45
50	10.8	11.7	12.4	23.7	20.8	18.1	22.3	20.3	17.6	17.9	16.8	15.9	14.4	13.7		11.6	11.1		50
55	9.8	10.5	11.4	22.4	19.8	17.4	21.1	19.5	17.3	17.2	16.1	15.6	13.9	13.2	12.4	11.1	10.6	10.1	55
60				21	18.9	16.8	19.8	18.7	16.7	16.5	15.5	15	13.3	12.7	12.4	10.7	10.2	10.1	60
65				19.6	18.1	16.2	18.4	18	16.2	15.9	14.9	14.4	12.8	12.2	12	10.3	9.9	9.7	65
70				17.9	17.3	15.7	16.5	17.2	15.7	15.2	14.3	13.9	12.3	11.8	11.6	9.9	9.5	9.3	70
75				16.2	16.5	15.2	15.1	16	15.2	14.3	13.8	13.4	11.9	11.4	11.2	9.6	9.1	9	75
80				14.5	15.6	14.7	14.1	14.4	14.7	13.1	13.2	12.9	11.4	11	10.9	9.2	8.8	8.7	80
85				13.1	14.1	14.4	12.9	13	13.7	11.7	12.7	12.5	11	10.6	10.5	8.9	8.5	8.4	85
90				11.8	12.6	13.2	11.8	12.4	12.6	10.9	11.5	12	10.4	10.3	10.2	8.5	8.2	8.1	90
95				10.6	11.3	11.9	10.7	11.4	11.7	10.4	10.5	11.1	9.6	10	10	8.2	7.9	7.9	95
100				9.8	10.2	10.6	9.9	10.3	10.8	9.7	9.8	10.1	8.6	9.4	9.6	7.9	7.7	7.6	100
105				9.4	9.2	9.5	9.4	9.4	9.7	8.8	9.5	9.5	7.7	8.5	9.1	7.4	7.5	7.4	105
110				8.9	8.9	8.9	8.5	8.9	9.2	7.9	8.6	8.9	6.9	7.7	8.2	6.6	7.2	7.2	110
115				8.3	8.5	8.6	7.6	8.2	8.5	7.1	7.7	8.1	6.2	6.9	7.4	5.9	6.6	6.9	115
120				7.5	7.9	8.1	6.9	7.4	7.7	6.3	6.9	7.3	5.5	6.1	6.6	5.2	5.9	6.4	120
125				6.9	7.2	7.4	6.2	6.6	6.9	5.7	6.2	6.5	4.9	5.5	5.9	4.6	5.2	5.7	125
130				6.3	6.5	6.7	5.6	6	6.2	5	5.5	5.8	4.2	4.8	5.1	4	4.6	5	130
135				5.7	5.9	6	5	5.4	5.5	4.5	4.9	5.1	3.7	4.2	4.5	3.5	4.1	4.4	135
140				5.2	5.4		4.5	4.8	4.9	3.9	4.3	4.5	3.2	3.6	3.9	3	3.5	3.8	140
145							4	4.3		3.4	3.8	3.9	2.7	3.1	3.3	2.5	3	3.3	145
150							3.6	3.8		3	3.3	3.4	2.2	2.6	2.8	2.1	2.5	2.7	150
155							3.2	3.3		2.6	2.8	2.9		2.1	2.3		2.1	2.3	155
160										2.2	2.4								160

TAB 1752009 / 1752016 / 1752023

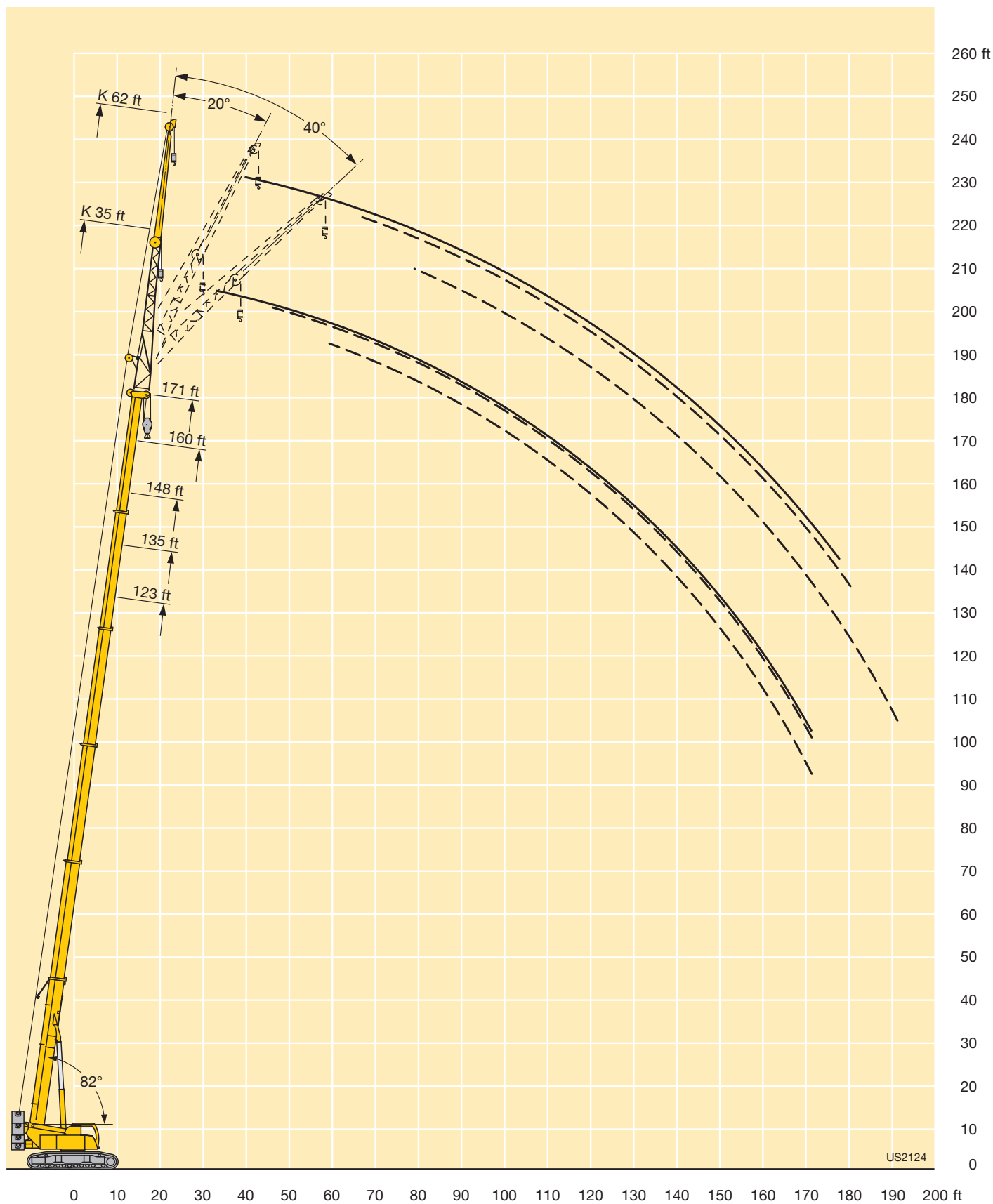
Lifting capacities on the folding jib Forces de levage à la fléchette pliante



	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	10.5																		16
17	10.4																		17
18	10.2																		18
20	9.9																		20
22	9.6																		22
24	9.3																		24
26	9.1			11.2															26
28	8.8	7.5		11.1			10.6												28
30	8.5	7.4		11			10.6												30
32	8.3	7.2		10.9			10.5			9.8									32
34	8.1	7.1		10.8			10.4			9.8									34
36	7.9	6.9		10.6			10.3			9.7									36
38	7.6	6.8		10.5			10.2			9.6			8.7			7.6			38
40	7.4	6.6		10.3			10.1			9.5			8.7			7.6			40
45	7	6.3		9.9			9.8			9.3			8.5			7.4			45
50	6.7	6	5.4	9.5	7.2		9.4	7.1		9			8.3			7.3			50
55	6.4	5.8	5.3	9.1	7.1		9.1	7		8.7	6.8		8.1	6.5		7.1			55
60	6.1	5.6	5.2	8.8	6.9		8.7	6.8		8.4	6.7		7.9	6.5		6.9			60
65	5.9	5.5	5.1	8.4	6.7	5.6	8.4	6.7		8.2	6.6		7.7	6.4		6.8	6.2		65
70	5.7	5.4	5.1	8.1	6.5	5.5	8.1	6.5	5.5	7.9	6.4	5.4	7.5	6.2		6.8	6.1		70
75	5.6	5.3	5.1	7.8	6.3	5.4	7.9	6.3	5.4	7.7	6.3	5.4	7.3	6.1	5.2	6.7	5.9	5.1	75
80	5.5	5.3	5.1	7.5	6.2	5.4	7.6	6.2	5.3	7.4	6.1	5.3	7.1	5.9	5.2	6.5	5.8	5.1	80
85	5.4	5.3	5.1	7.3	6.1	5.3	7.4	6.1	5.3	7.2	6	5.2	6.9	5.8	5.1	6.3	5.7	5.1	85
90				7.1	5.9	5.2	7.1	5.9	5.2	7	5.9	5.2	6.8	5.7	5.1	6.1	5.6	5	90
95				6.9	5.8	5.2	6.9	5.8	5.2	6.9	5.8	5.1	6.6	5.6	5.1	5.9	5.5	5	95
100				6.7	5.7	5.2	6.7	5.7	5.1	6.7	5.7	5.1	6.5	5.6	5	5.8	5.5	5	100
105				6.5	5.6	5.1	6.6	5.6	5.1	6.5	5.6	5.1	6.4	5.5	5	5.6	5.4	5	105
110				6.4	5.5	5.1	6.4	5.6	5.1	6.4	5.5	5.1	6.2	5.4	5	5.4	5.3	4.9	110
115				6.2	5.5	5.1	6.3	5.5	5.1	6.3	5.5	5.1	6.1	5.4	5	5.3	5.1	4.9	115
120				6.1	5.5	5.1	6.2	5.4	5.1	6.1	5.4	5.1	5.9	5.3	5	5.1	5	4.9	120
125				6	5.4	5.1	6	5.4	5.1	5.9	5.3	5.1	5.5	5.3	5	5	4.9	4.9	125
130				5.8	5.4	5.1	5.8	5.4	5.1	5.7	5.3	5.1	4.9	5.2	5	4.6	4.8	4.8	130
135				5.6	5.3	5.1	5.6	5.3	5.1	5.2	5.3	5.1	4.4	5.1	5	4.1	4.7	4.8	135
140				5.5	5.3	5.1	5.2	5.3	5.1	4.7	5.2	5	3.9	4.8	5	3.6	4.4	4.7	140
145				5.4	5.3	5.1	4.7	5.1	5.1	4.2	4.9	5	3.4	4.3	4.9	3.1	4	4.5	145
150				4.9	5.3	5.1	4.3	4.8	5.1	3.7	4.4	4.8	3	3.8	4.3	2.7	3.6	4.2	150
155				4.5	4.9	4.9	3.8	4.4	4.6	3.3	3.9	4.3	2.5	3.3	3.8	2.3	3.1	3.7	155
160				4.1	4.4	4.5	3.4	3.9	4.1	2.9	3.5	3.8	2.1	2.8	3.3		2.7	3.2	160
165				3.7	4		3	3.5	3.6	2.5	3	3.3		2.4	2.8		2.3	2.7	165
170				3.4	3.5		2.7	3.1	3.1	2.1	2.6	2.8		2	2.3		1.9	2.3	170
175							2.4	2.7		1.8	2.2	2.4			1.9			1.9	175
180							2.1	2.3											180

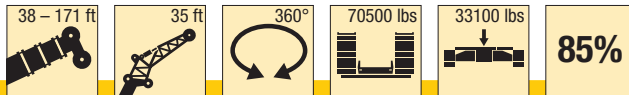
TAB 1752009 / 1752016 / 1752023

Lifting heights Hauteurs de levage



Lifting capacities on the hydraulically variable folding jib

Forces de levage à la fléchette pliante à variation hydraulique



 ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	26.1																		13
14	25.7																		14
15	25.2																		15
16	24.7																		16
17	24.2																		17
18	23.7																		18
20	22.7																		20
22	21.5			29.4															22
24	20.3			29.1															24
26	19.2	19.4		28.6			26.2												26
28	18.1	18.7		28.2			25.8			20.7			16.6						28
30	17.1	17.9		27.7			25.5			20.6			16.6						30
32	16.2	17.2	16.4	27.3			25.1			20.3			16.3			13.3			32
34	15.5	16.6	16.1	26.9			24.8			20			16			13.2			34
36	14.8	15.9	15.6	26.5			24.6			19.7			15.8			12.9			36
38	14	15.3	15.2	26.1	22.7		24.3	21.8		19.4			15.5			12.7			38
40	13.4	14.6	14.7	25.7	22.6		24	21.7		19.1			15.3			12.4			40
45	11.9	13	13.7	24.6	21.5	18.5	23.1	20.9		18.4	17.2		14.7	14.1		11.9	11.3		45
50	10.7	11.6	12.3	23.4	20.5	17.9	22.1	20.1	17.4	17.7	16.6	15.8	14.2	13.6		11.4	11		50
55	9.7	10.4	11.4	22.2	19.5	17.2	20.9	19.3	17.1	17	16	15.5	13.7	13	12.3	11	10.5	10	55
60				20.8	18.6	16.6	19.6	18.5	16.5	16.3	15.3	14.8	13.1	12.5	12.3	10.5	10.1	10	60
65				19.5	17.8	16	18.3	17.8	16	15.6	14.7	14.3	12.6	12.1	11.9	10.1	9.7	9.6	65
70				18.2	17.1	15.5	17.1	17	15.5	15	14.1	13.8	12.1	11.6	11.5	9.7	9.4	9.2	70
75				17.1	16.4	15	16	16.2	15.1	14.3	13.6	13.3	11.7	11.2	11.1	9.4	9	8.9	75
80				16.1	15.7	14.6	15	15.2	14.7	13.6	13.1	12.8	11.3	10.9	10.7	9	8.7	8.6	80
85				15.2	15	14.2	14	14.3	14.2	12.8	12.6	12.4	10.9	10.5	10.4	8.7	8.4	8.3	85
90				13.9	14.2	13.9	12.9	13.4	13.7	12	12.2	12	10.5	10.2	10.1	8.4	8.1	8	90
95				12.6	13.2	13.4	12.1	12.4	12.9	11.3	11.6	11.7	10.2	9.9	9.8	8.1	7.8	7.7	95
100				11.4	12.1	12.6	11.3	11.5	12	10.6	11	11.3	9.9	9.6	9.6	7.8	7.6	7.5	100
105				10.2	10.9	11.4	10.4	10.9	11	9.6	10.3	10.7	9.5	9.3	9.4	7.5	7.3	7.3	105
110				9.2	9.9	10.2	9.4	10	10.3	9.3	9.3	9.8	8.7	9.1	9.1	7.3	7.1	7.1	110
115				8.5	8.9	9.2	8.7	9.1	9.4	8.7	8.9	9.1	8	8.5	8.8	7.1	6.9	6.9	115
120				8	8.1	8.4	8.2	8.4	8.7	7.9	8.4	8.6	7.2	7.8	8.3	6.8	6.7	6.7	120
125				7.7	7.7	7.9	7.7	8	8.2	7.2	7.7	8	6.4	7	7.4	6.2	6.5	6.6	125
130				7.4	7.5	7.6	7	7.4	7.6	6.5	7	7.2	5.7	6.2	6.6	5.6	6.1	6.4	130
135				7	7.1	7.2	6.4	6.8	6.9	5.8	6.3	6.5	5.1	5.6	5.9	5	5.5	5.8	135
140				6.5	6.7		5.8	6.1	6.2	5.2	5.6	5.8	4.5	4.9	5.2	4.4	4.9	5.2	140
145							5.3	5.5		4.7	5.1	5.2	3.9	4.3	4.6	3.8	4.3	4.5	145
150							4.8	5		4.2	4.5	4.6	3.4	3.8	4	3.3	3.7	4	150
155							4.4	4.5		3.8	4	4.1	3	3.3	3.4	2.8	3.2	3.4	155
160										3.3	3.5		2.5	2.8	2.9	2.4	2.8	2.9	160
165										2.9			2.1	2.4	2.4		2.3	2.4	165
170													1.8	2	2		1.9	2	170

TAB 1752029 / 1752036 / 1752043

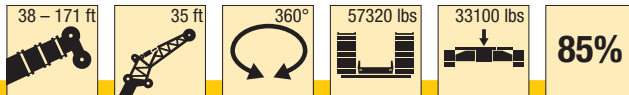
Lifting capacities on the hydraulically variable folding jib Forces de levage à la fléchette pliante à variation hydraulique

38 – 171 ft 62 ft 360° 70500 lbs 33100 lbs 85%																			
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	9.9																		18
20	9.8																		20
22	9.5																		22
24	9.3																		24
26	9			11.2															26
28	8.7			11.1			10.6												28
30	8.5			10.9			10.6												30
32	8.2			10.8			10.5			9.7									32
34	8			10.6			10.4			9.7									34
36	7.8			10.5			10.2			9.6									36
38	7.6	6.6		10.3			10.1			9.5			8.7			7.4			38
40	7.4	6.6		10.2			9.9			9.4			8.6			7.4			40
45	6.9	6.3		9.8			9.6			9.1			8.4			7.4			45
50	6.6	6		9.4	7.1		9.3	7.1		8.9			8.2			7.3			50
55	6.3	5.7	5.3	9	7		8.9	7		8.6	6.7		8	6.4		7.1			55
60	6.1	5.6	5.2	8.6	6.8		8.6	6.8		8.3	6.6		7.8	6.4		6.9			60
65	5.9	5.4	5.1	8.3	6.6	5.5	8.3	6.6		8	6.5		7.6	6.3		6.8	6.1		65
70	5.7	5.4	5.1	8	6.4	5.5	8	6.4	5.4	7.8	6.3	5.4	7.4	6.1		6.7	6		70
75	5.5	5.3	5.1	7.7	6.3	5.4	7.7	6.3	5.4	7.5	6.2	5.3	7.2	6	5.2	6.6	5.9	5.1	75
80	5.4	5.3	5.1	7.4	6.1	5.3	7.5	6.1	5.3	7.3	6.1	5.3	7	5.9	5.2	6.4	5.8	5.1	80
85	5.4	5.3	5.1	7.2	6	5.3	7.3	6	5.2	7.1	5.9	5.2	6.8	5.8	5.1	6.2	5.7	5.1	85
90				7	5.9	5.2	7	5.9	5.2	7	5.8	5.2	6.7	5.7	5.1	6	5.6	5	90
95				6.8	5.8	5.2	6.9	5.8	5.1	6.8	5.7	5.1	6.5	5.6	5	5.8	5.5	5	95
100				6.6	5.7	5.1	6.7	5.7	5.1	6.6	5.6	5.1	6.4	5.5	5	5.7	5.4	5	100
105				6.4	5.6	5.1	6.5	5.6	5.1	6.4	5.6	5.1	6.3	5.4	5	5.5	5.3	4.9	105
110				6.3	5.5	5.1	6.4	5.5	5.1	6.3	5.5	5	6.1	5.4	5	5.3	5.2	4.9	110
115				6.2	5.4	5.1	6.3	5.4	5.1	6.2	5.4	5	6	5.3	5	5.2	5.1	4.9	115
120				6	5.4	5.1	6.1	5.4	5.1	6.1	5.4	5	5.9	5.3	5	5	4.9	4.9	120
125				5.9	5.4	5.1	6	5.4	5.1	6	5.3	5	5.8	5.2	5	4.9	4.8	4.9	125
130				5.8	5.3	5.1	5.9	5.3	5.1	5.9	5.3	5	5.8	5.2	5	4.8	4.7	4.8	130
135				5.7	5.3	5.1	5.8	5.3	5.1	5.8	5.3	5	5.6	5.2	5	4.7	4.6	4.7	135
140				5.6	5.3	5.1	5.7	5.3	5.1	5.6	5.3	5	5.3	5.1	5	4.5	4.5	4.6	140
145				5.4	5.3	5.1	5.5	5.3	5.1	5.5	5.3	5	4.8	5.1	5	4.4	4.4	4.5	145
150				5.3	5.3	5.1	5.4	5.3	5.1	5	5.2	5	4.2	5	5	4.1	4.3	4.4	150
155				5.2	5.2	5.1	5	5.2	5	4.5	5	5	3.8	4.5	4.8	3.6	4.2	4.3	155
160				5	5.2	5.1	4.6	5	5	4	4.6	4.8	3.3	4	4.5	3.2	3.9	4.2	160
165				4.8	5		4.2	4.6	4.7	3.6	4.2	4.4	2.9	3.5	3.9	2.7	3.4	3.9	165
170				4.4	4.6		3.8	4.1	4.2	3.2	3.7	3.9	2.5	3.1	3.4	2.3	3	3.4	170
175							3.4	3.7		2.9	3.3	3.4	2.1	2.7	2.9	2	2.6	2.9	175
180							3.1	3.3		2.5	2.9	3		2.3	2.5		2.2	2.5	180
185										2.2	2.5								185
190										1.9	2.1								190

TAB 1752029 / 1752036 / 1752043

Lifting capacities on the hydraulically variable folding jib

Forces de levage à la fléchette pliante à variation hydraulique



 ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	27.5																		9
10	27.5																		10
11	27																		11
12	26.6																		12
13	26.2																		13
14	25.7																		14
15	25.2																		15
16	24.7	24																	16
17	24.2	23.7																	17
18	23.7	23.2																	18
20	22.7	22.2																	20
22	21.5	21.3		29.4															22
24	20.3	20.4		29.1															24
26	19.2	19.5	18.7	28.6			26.2												26
28	18.1	18.7	18	28.2			25.8			20.7			16.6						28
30	17.1	17.9	17.3	27.7			25.5			20.6			16.6						30
32	16.2	17.2	16.7	27.3			25.1			20.3			16.3			13.3			32
34	15.5	16.6	16.1	26.9			24.8			20			16			13.2			34
36	14.8	15.9	15.6	26.5			24.6			19.7			15.8			12.9			36
38	14	15.3	15.2	26.1	22.7		24.3	21.8		19.4			15.5			12.7			38
40	13.4	14.6	14.7	25.7	22.6		24	21.7		19.1			15.3			12.4			40
45	11.9	13	13.7	24.6	21.5	18.5	23.1	20.9		18.4	17.2		14.7	14.1		11.9	11.3		45
50	10.7	11.6	12.3	23.4	20.5	17.9	22.1	20.1	17.4	17.7	16.6	15.8	14.2	13.6		11.4	11		50
55	9.7	10.4	11.4	22.2	19.5	17.2	20.9	19.3	17.1	17	16	15.5	13.7	13	12.3	11	10.5	10	55
60				20.8	18.6	16.6	19.6	18.5	16.5	16.3	15.3	14.8	13.1	12.5	12.3	10.5	10.1	10	60
65				19.5	17.8	16	18.2	17.8	16	15.6	14.7	14.3	12.6	12.1	11.9	10.1	9.7	9.6	65
70				17.7	17.1	15.5	16.4	17	15.5	15	14.1	13.8	12.1	11.6	11.5	9.7	9.4	9.2	70
75				16	16.4	15	15	15.8	15.1	14.1	13.6	13.3	11.7	11.2	11.1	9.4	9	8.9	75
80				14.4	15.5	14.6	13.9	14.2	14.5	12.9	13.1	12.8	11.3	10.9	10.7	9	8.7	8.6	80
85				13	13.9	14.2	12.8	12.8	13.6	11.6	12.6	12.4	10.9	10.5	10.4	8.7	8.4	8.3	85
90				11.6	12.5	13	11.6	12.2	12.4	10.8	11.4	11.9	10.3	10.2	10.1	8.4	8.1	8	90
95				10.5	11.2	11.7	10.6	11.3	11.5	10.2	10.3	10.9	9.4	9.8	9.8	8.1	7.8	7.7	95
100				9.7	10	10.5	9.8	10.2	10.7	9.6	9.6	10	8.4	9.3	9.5	7.7	7.6	7.5	100
105				9.2	9.1	9.3	9.2	9.3	9.5	8.7	9.3	9.4	7.5	8.3	8.9	7.2	7.3	7.3	105
110				8.8	8.8	8.8	8.3	8.8	9.1	7.8	8.4	8.8	6.8	7.5	8	6.5	7	7.1	110
115				8.1	8.3	8.5	7.5	8	8.3	6.9	7.5	8	6	6.7	7.2	5.7	6.4	6.7	115
120				7.4	7.8	8	6.7	7.2	7.5	6.2	6.7	7.1	5.3	6	6.4	5.1	5.7	6.2	120
125				6.7	7	7.2	6	6.5	6.7	5.5	6	6.3	4.7	5.3	5.7	4.4	5	5.5	125
130				6.1	6.4	6.5	5.4	5.8	6	4.9	5.3	5.6	4.1	4.6	5	3.9	4.4	4.8	130
135				5.5	5.8	5.8	4.9	5.2	5.3	4.3	4.7	4.9	3.5	4	4.3	3.3	3.9	4.2	135
140				5	5.2		4.3	4.6	4.7	3.8	4.1	4.3	3	3.4	3.7	2.8	3.3	3.6	140
145							3.8	4.1		3.3	3.6	3.7	2.5	2.9	3.1		2.8	3.1	145
150							3.4	3.6		2.8	3.1	3.2	2	2.4	2.6		2.3	2.6	150
155							3	3.1		2.4	2.7	2.7			2.1			2.1	155
160										2	2.2								160

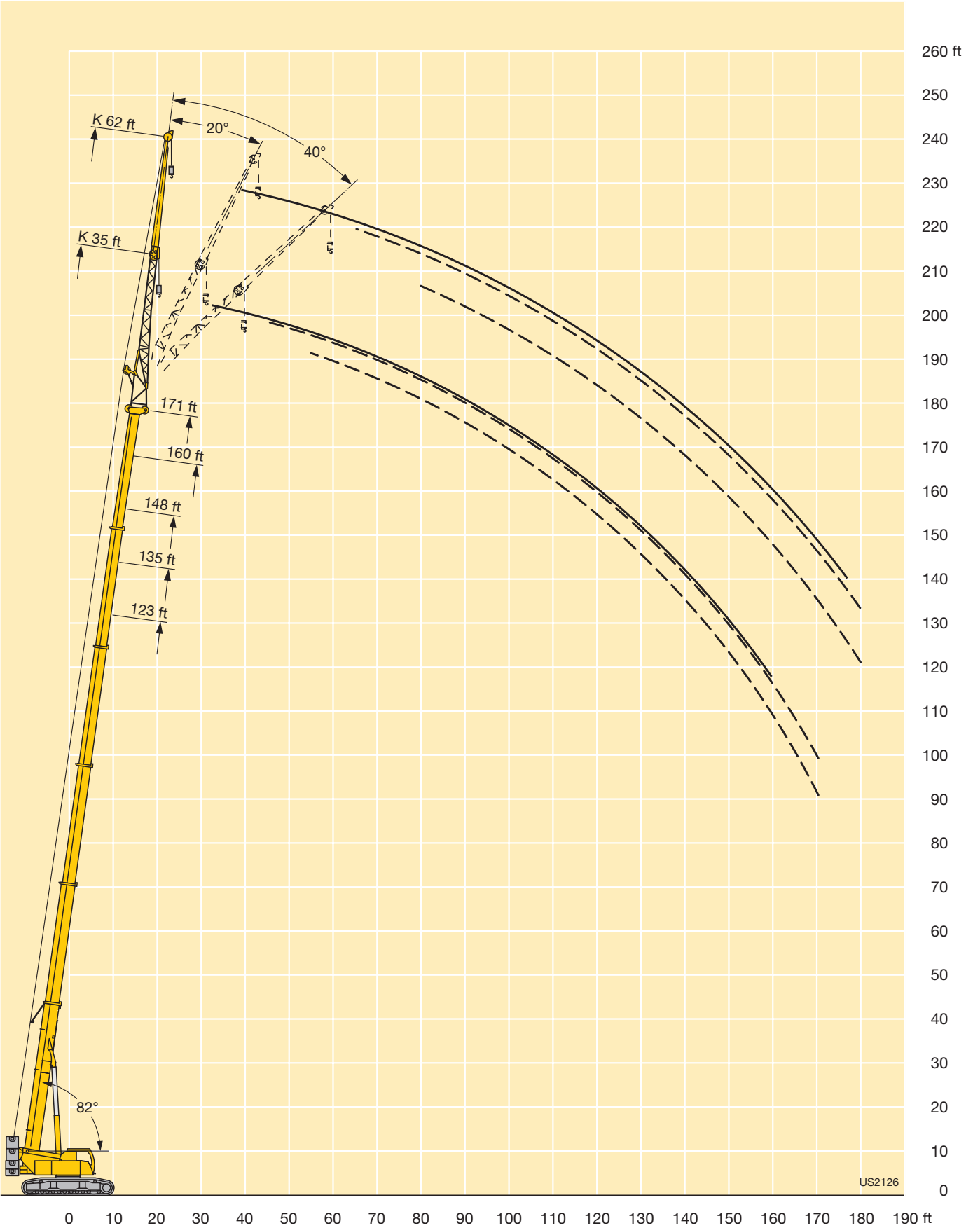
TAB 1752030 / 1752037 / 1752044

Lifting capacities on the hydraulically variable folding jib Forces de levage à la fléchette pliante à variation hydraulique

38 – 171 ft 62 ft 360° 57320 lbs 33100 lbs 85%																			
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	10.4																		16
17	10.3																		17
18	10.1																		18
20	9.8																		20
22	9.5																		22
24	9.3																		24
26	9			11.2															26
28	8.7	6.6		11.1			10.6												28
30	8.5	6.6		10.9			10.6												30
32	8.2	6.6		10.8			10.5			9.7									32
34	8	6.6		10.6			10.4			9.7									34
36	7.8	6.6		10.5			10.2			9.6									36
38	7.6	6.6		10.3			10.1			9.5			8.7			7.4			38
40	7.4	6.6		10.2			9.9			9.4			8.6			7.4			40
45	6.9	6.3		9.8			9.6			9.1			8.4			7.4			45
50	6.6	6	5.4	9.4	7.1		9.3	7.1		8.9			8.2			7.3			50
55	6.3	5.7	5.3	9	7		8.9	7		8.6	6.7		8	6.4		7.1			55
60	6.1	5.6	5.2	8.6	6.8		8.6	6.8		8.3	6.6		7.8	6.4		6.9			60
65	5.9	5.4	5.1	8.3	6.6	5.5	8.3	6.6		8	6.5		7.6	6.3		6.8	6.1		65
70	5.7	5.4	5.1	8	6.4	5.5	8	6.4	5.4	7.8	6.3	5.4	7.4	6.1		6.7	6		70
75	5.5	5.3	5.1	7.7	6.3	5.4	7.7	6.3	5.4	7.5	6.2	5.3	7.2	6	5.2	6.6	5.9	5.1	75
80	5.4	5.3	5.1	7.4	6.1	5.3	7.5	6.1	5.3	7.3	6.1	5.3	7	5.9	5.2	6.4	5.8	5.1	80
85	5.4	5.3	5.1	7.2	6	5.3	7.3	6	5.2	7.1	5.9	5.2	6.8	5.8	5.1	6.2	5.7	5.1	85
90				7	5.9	5.2	7	5.9	5.2	7	5.8	5.2	6.7	5.7	5.1	6	5.6	5	90
95				6.8	5.8	5.2	6.9	5.8	5.1	6.8	5.7	5.1	6.5	5.6	5	5.8	5.5	5	95
100				6.6	5.7	5.1	6.7	5.7	5.1	6.6	5.6	5.1	6.4	5.5	5	5.7	5.4	5	100
105				6.4	5.6	5.1	6.5	5.6	5.1	6.4	5.6	5.1	6.3	5.4	5	5.5	5.3	4.9	105
110				6.3	5.5	5.1	6.4	5.5	5.1	6.3	5.5	5	6.1	5.4	5	5.3	5.2	4.9	110
115				6.2	5.4	5.1	6.3	5.4	5.1	6.2	5.4	5	6	5.3	5	5.2	5.1	4.9	115
120				6	5.4	5.1	6.1	5.4	5.1	6	5.4	5	5.8	5.3	5	5	4.9	4.9	120
125				5.9	5.4	5.1	6	5.4	5.1	5.9	5.3	5	5.4	5.2	5	4.9	4.8	4.9	125
130				5.7	5.3	5.1	5.8	5.3	5.1	5.6	5.3	5	4.8	5.2	5	4.5	4.7	4.8	130
135				5.6	5.3	5.1	5.5	5.3	5.1	5.1	5.2	5	4.3	5	5	4	4.6	4.7	135
140				5.5	5.3	5.1	5.1	5.3	5.1	4.6	5.1	5	3.8	4.7	4.9	3.5	4.3	4.6	140
145				5.2	5.3	5.1	4.6	5.1	5.1	4.1	4.8	5	3.3	4.2	4.8	3	3.9	4.4	145
150				4.8	5.2	5.1	4.1	4.7	5	3.6	4.3	4.7	2.8	3.7	4.2	2.6	3.4	4	150
155				4.3	4.7	4.8	3.7	4.2	4.5	3.2	3.8	4.2	2.4	3.2	3.7	2.2	3	3.5	155
160				3.9	4.3	4.3	3.3	3.8	4	2.7	3.3	3.7		2.7	3.1		2.5	3.1	160
165				3.6	3.8		2.9	3.3	3.5	2.4	2.9	3.2		2.3	2.7			2.6	165
170				3.2	3.4		2.6	2.9	3	2	2.5	2.7		1.9	2.2			2.2	170
175							2.2	2.5			2.1	2.3							175
180							1.9	2.1											180

TAB 1752030 / 1752037 / 1752044

Lifting heights
Hauteurs de levage



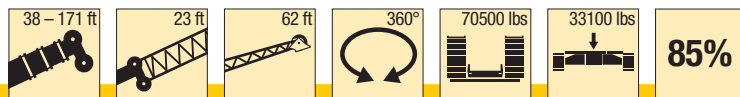
US2126

Lifting capacities on the folding jib with boom extension
Forces de levage à la fléchette pliante avec télescope rallongé

38 – 171 ft 23 ft 35 ft 360° 70500 lbs 33100 lbs 85%																	
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			ft 	
	35 ft			35 ft			35 ft			35 ft			35 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
16	11.4															16	
17	11.3															17	
18	11.2															18	
20	10.8															20	
22	10.5															22	
24	10.1															24	
26	9.8	9.7		13												26	
28	9.5	9.5		12.8			11.9									28	
30	9.2	9.2		12.6			11.9									30	
32	8.9	8.9		12.4			11.7			10.8						32	
34	8.6	8.6		12.2			11.5			10.7						34	
36	8.4	8.3		12			11.4			10.6						36	
38	8.1	8.1	7.9	11.8	10.9		11.2			10.5			8.6			38	
40	7.8	7.8	7.8	11.6	10.8		11			10.3			8.6			40	
45	7.3	7.3	7.3	11.2	10.4		10.7	9.9		10	9.5		8.3			45	
50	6.8	6.8	6.8	10.8	9.9	9	10.3	9.6	8.8	9.7	9.2		8	7.6		50	
55	6.3	6.4	6.3	10.3	9.5	8.9	9.9	9.3	8.7	9.4	8.9	8.2	7.7	7.4	7	55	
60	6	6	6	9.9	9.2	8.5	9.6	8.9	8.4	9.1	8.6	8.1	7.4	7.1	7	60	
65	5.6	5.7	5.7	9.5	8.8	8.2	9.2	8.6	8.1	8.8	8.3	7.8	7.2	6.9	6.7	65	
70	5.3	5.3	5.3	9.2	8.5	7.9	8.9	8.3	7.8	8.5	8.1	7.6	6.9	6.6	6.5	70	
75	4.9	5	5.2	8.8	8.1	7.7	8.6	8	7.6	8.3	7.8	7.4	6.6	6.4	6.2	75	
80	4.6	4.7		8.4	7.8	7.4	8.3	7.8	7.3	8	7.6	7.2	6.4	6.2	6	80	
85	4.2	4.4		8.1	7.6	7.2	8	7.5	7.1	7.8	7.3	7	6.2	5.9	5.8	85	
90				7.8	7.3	6.9	7.8	7.3	6.9	7.5	7.1	6.8	6	5.7	5.6	90	
95				7.5	7.1	6.7	7.5	7.1	6.7	7.3	6.9	6.6	5.7	5.5	5.4	95	
100				7.2	6.9	6.5	7.2	6.9	6.5	7.1	6.7	6.4	5.5	5.3	5.2	100	
105				7	6.6	6.4	7	6.7	6.3	6.9	6.6	6.2	5.4	5.2	5	105	
110				6.8	6.4	6.2	6.8	6.5	6.2	6.7	6.4	6.1	5.2	5	4.9	110	
115				6.5	6.3	6	6.6	6.3	6	6.5	6.2	6	5	4.8	4.8	115	
120				6.3	6.1	5.9	6.4	6.1	5.9	6.3	6.1	5.8	4.9	4.7	4.6	120	
125				6.1	5.9	5.8	6.2	6	5.8	6.2	5.9	5.7	4.7	4.6	4.5	125	
130				6	5.8	5.6	6	5.8	5.6	5.8	5.8	5.6	4.6	4.4	4.4	130	
135				5.8	5.6	5.5	5.8	5.7	5.5	5.3	5.6	5.5	4.4	4.3	4.2	135	
140				5.6	5.5	5.4	5.4	5.5	5.4	4.7	5.2	5.3	4.2	4.2	4.1	140	
145				5.4	5.3		4.9	5.3	5.3	4.1	4.7	5	3.9	4.1	4	145	
150				4.9	5.1		4.4	4.8	4.9	3.6	4.1	4.4	3.4	3.9	3.9	150	
155				4.4	4.7		3.9	4.3	4.5	3.1	3.6	3.8	3	3.5	3.7	155	
160				4	4.3		3.5	3.8		2.7	3.1	3.3	2.6	3	3.2	160	
165				3.6	3.8		3	3.3		2.3	2.7	2.8	2.1	2.5	2.8	165	
170				3.2	3.4		2.7	2.9		1.9	2.2	2.4	1.7	2.1	2.3	170	
175				2.8	3		2.3	2.5				2			1.9	175	
180							1.9	2.1								180	

TAB 1752050 / 1752057 / 1752064

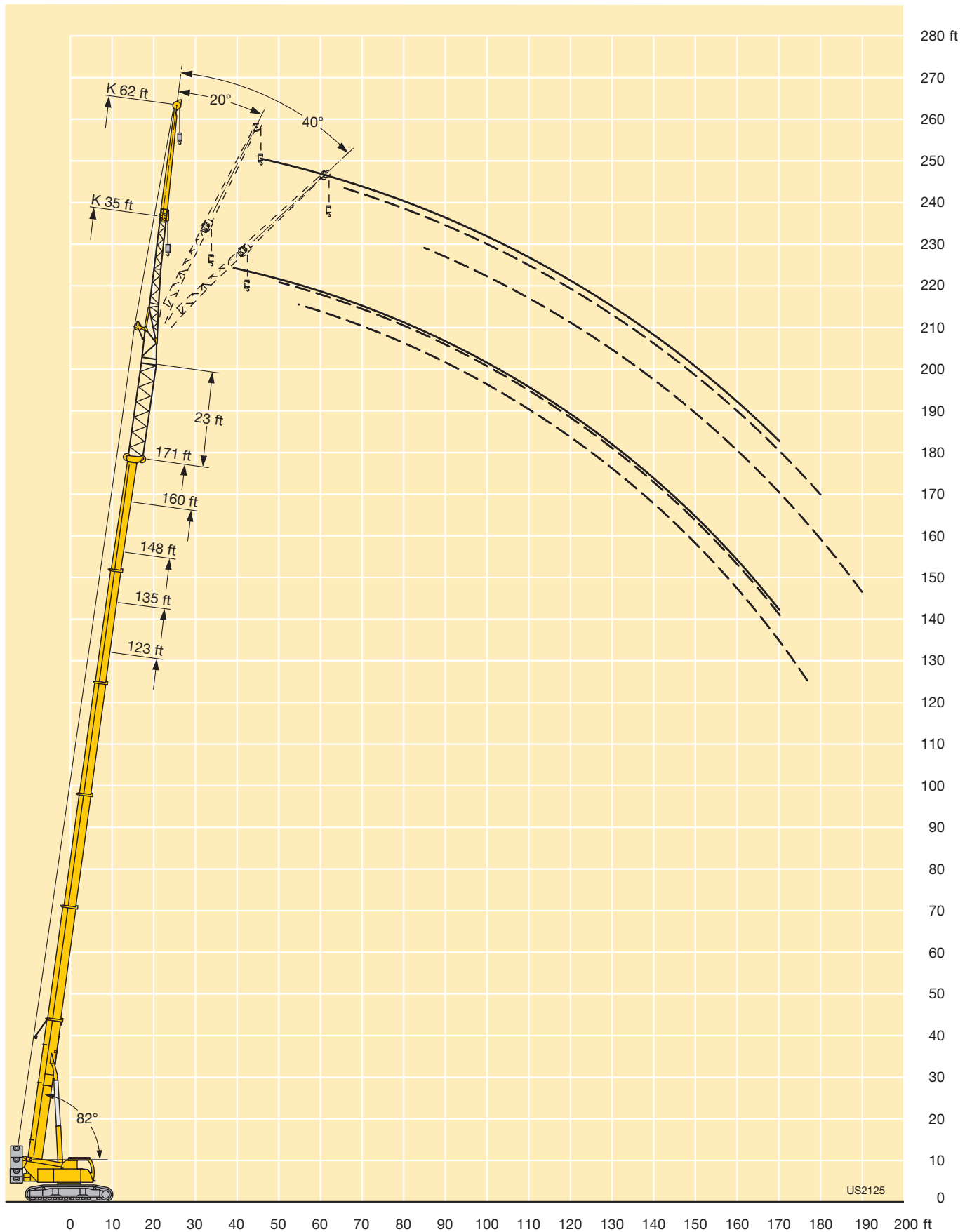
Lifting capacities on the folding jib with boom extension Forces de levage à la fléchette pliante avec télescope rallongé



 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	7.7															22
24	7.6															24
26	7.5															26
28	7.3			8.2												28
30	7.2			8.2												30
32	7			8.1			7.7									32
34	6.9			8.1			7.7									34
36	6.7			8.1			7.7									36
38	6.5	6.5		8			7.7			7.2						38
40	6.4	6.4		8			7.6			7.2						40
45	6	6.1		7.9			7.5			7.1			6			45
50	5.6	5.7		7.7			7.4			6.9			5.8			50
55	5.3	5.4		7.5	6.6		7.2	6.5		6.8			5.6			55
60	5	5.1	5.2	7.3	6.6		7	6.5		6.6			5.4			60
65	4.7	4.8	4.9	7	6.4		6.8	6.3		6.5	6.1		5.3	5.1		65
70	4.5	4.5	4.6	6.8	6.2	5.5	6.6	6.1		6.3	5.9		5.1	5		70
75	4.3	4.3	4.4	6.5	6	5.5	6.4	5.9	5.4	6.1	5.7	5.1	4.9	4.8		75
80	4.1	4.1	4.2	6.3	5.8	5.5	6.2	5.7	5.4	5.9	5.6	5.1	4.8	4.6		80
85	3.9	3.9	4	6.1	5.6	5.4	6	5.5	5.3	5.8	5.4	5.1	4.6	4.5	4.4	85
90	3.7	3.7	3.8	5.9	5.5	5.2	5.8	5.4	5.1	5.6	5.2	5	4.4	4.4	4.3	90
95	3.5	3.6	3.7	5.7	5.3	5	5.6	5.2	5	5.4	5.1	4.9	4.3	4.2	4.1	95
100	3.3	3.4	3.6	5.5	5.1	4.9	5.5	5	4.9	5.3	4.9	4.7	4.2	4.1	4	100
105	3.2	3.2		5.3	4.9	4.8	5.3	4.9	4.7	5.1	4.8	4.6	4	4	3.9	105
110	3	3.1		5.1	4.8	4.6	5.1	4.8	4.6	5	4.7	4.5	3.9	3.8	3.8	110
115				5	4.7	4.5	5	4.6	4.5	4.9	4.6	4.4	3.8	3.7	3.7	115
120				4.8	4.5	4.4	4.8	4.5	4.4	4.8	4.5	4.3	3.6	3.6	3.6	120
125				4.7	4.4	4.3	4.7	4.4	4.3	4.7	4.3	4.2	3.5	3.5	3.5	125
130				4.6	4.3	4.2	4.6	4.3	4.2	4.5	4.2	4.1	3.4	3.4	3.4	130
135				4.4	4.2	4.1	4.5	4.2	4.1	4.4	4.1	4	3.3	3.3	3.3	135
140				4.3	4.1	4	4.3	4.1	4	4.3	4	4	3.2	3.2	3.2	140
145				4.2	4	3.9	4.2	4	3.9	4.2	4	3.9	3.1	3.1	3.1	145
150				4.1	3.9	3.8	4.1	3.9	3.8	4	3.9	3.8	3.1	3	3	150
155				4	3.8	3.8	4	3.8	3.8	3.6	3.8	3.7	3	2.9	2.9	155
160				3.9	3.7	3.7	3.8	3.7	3.7	3.2	3.7	3.7	2.8	2.8	2.9	160
165				3.8	3.6	3.6	3.5	3.7	3.7	2.8	3.5	3.6	2.4	2.8	2.8	165
170				3.6	3.5	3.6	3.1	3.6	3.6	2.4	3.1	3.5	2.1	2.7	2.7	170
175				3.3	3.5		2.7	3.3	3.5	2	2.7	3.1		2.4	2.7	175
180				2.9	3.3		2.4	2.9	3.2		2.3	2.7		2.1	2.4	180
185				2.6	3		2.1	2.5				2.2			2.1	185
190				2.3	2.6		1.7	2.2				1.8			1.7	190
195				2	2.3			1.8								195

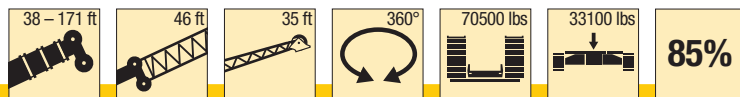
TAB 1752050 / 1752057 / 1752064

Lifting heights Hauteurs de levage



Lifting capacities on the folding jib with boom extension

Forces de levage à la fléchette pliante avec télescope rallongé



	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	8.7															16
17	8.6															17
18	8.5															18
20	8.3															20
22	8.1															22
24	7.9															24
26	7.7															26
28	7.4															28
30	7.2	7.3														30
32	7	7		9												32
34	6.8	6.8		8.9												34
36	6.6	6.6		8.8												36
38	6.4	6.4	6.4	8.6			8.2			6.8						38
40	6.2	6.3	6.3	8.5			8.1			6.8						40
45	5.8	5.8	5.9	8.2	7.8		7.8			6.8			5.5			45
50	5.4	5.4	5.5	7.9	7.5		7.6	7.1		6.8	6.7		5.3			50
55	5	5	5.1	7.6	7.2	6.7	7.3	7	6.5	6.8	6.6		5.3	5.3		55
60	4.7	4.7	4.7	7.3	6.9	6.6	7.1	6.7	6.4	6.6	6.4		5.2	5.3		60
65	4.4	4.4	4.4	7	6.6	6.4	6.8	6.5	6.2	6.5	6.2	5.9	5.1	5.1	5	65
70	4.1	4.1	4.2	6.7	6.4	6.1	6.6	6.2	6	6.3	5.9	5.8	4.9	4.9	4.8	70
75	3.9	3.9	3.9	6.5	6.1	5.9	6.3	6	5.8	6	5.7	5.6	4.7	4.7	4.7	75
80	3.7	3.7	3.7	6.2	5.9	5.7	6.1	5.8	5.6	5.8	5.6	5.4	4.5	4.5	4.5	80
85	3.5	3.5	3.5	6	5.6	5.4	5.9	5.6	5.4	5.6	5.4	5.2	4.4	4.3	4.3	85
90	3.3	3.3	3.3	5.7	5.4	5.2	5.6	5.3	5.2	5.4	5.2	5	4.2	4.2	4.1	90
95	3.1	3.1	3.1	5.5	5.2	5	5.4	5.1	5	5.3	5	4.9	4.1	4	4	95
100	2.9	2.9	2.9	5.3	5	4.9	5.2	5	4.8	5.1	4.8	4.7	3.9	3.8	3.8	100
105				5.1	4.9	4.7	5.1	4.8	4.7	4.9	4.7	4.6	3.8	3.7	3.7	105
110				4.9	4.7	4.5	4.9	4.6	4.5	4.8	4.5	4.4	3.6	3.5	3.6	110
115				4.7	4.5	4.4	4.7	4.5	4.4	4.6	4.4	4.3	3.5	3.4	3.4	115
120				4.6	4.4	4.3	4.6	4.4	4.2	4.5	4.3	4.2	3.4	3.3	3.3	120
125				4.4	4.2	4.1	4.4	4.2	4.1	4.4	4.2	4.1	3.2	3.2	3.2	125
130				4.3	4.1	4	4.3	4.1	4	4.2	4.1	4	3.1	3.1	3.1	130
135				4.1	4	3.9	4.2	4	3.9	4.1	4	3.9	3	3	3	135
140				4	3.8	3.8	4	3.9	3.8	4	3.8	3.8	2.9	2.9	2.9	140
145				3.9	3.7	3.7	3.9	3.8	3.7	3.7	3.7	3.7	2.8	2.8	2.8	145
150				3.8	3.6	3.6	3.8	3.7	3.6	3.2	3.7	3.6	2.7	2.7	2.7	150
155				3.6	3.5	3.5	3.6	3.6	3.5	2.8	3.3	3.4	2.4	2.6	2.6	155
160				3.5	3.4		3.2	3.4	3.4	2.4	2.8	3.1		2.4	2.5	160
165				3.3	3.3		2.8	3.2			2.4	2.7			2.4	165
170				2.9	3.2		2.4	2.7			2	2.2			2	170
175				2.6	2.8		2	2.3				1.8				175
180				2.2	2.5			2								180
185					2.1											185
190					1.8											190

TAB 1752071 / 1752078 / 1752085

Lifting capacities on the folding jib with boom extension

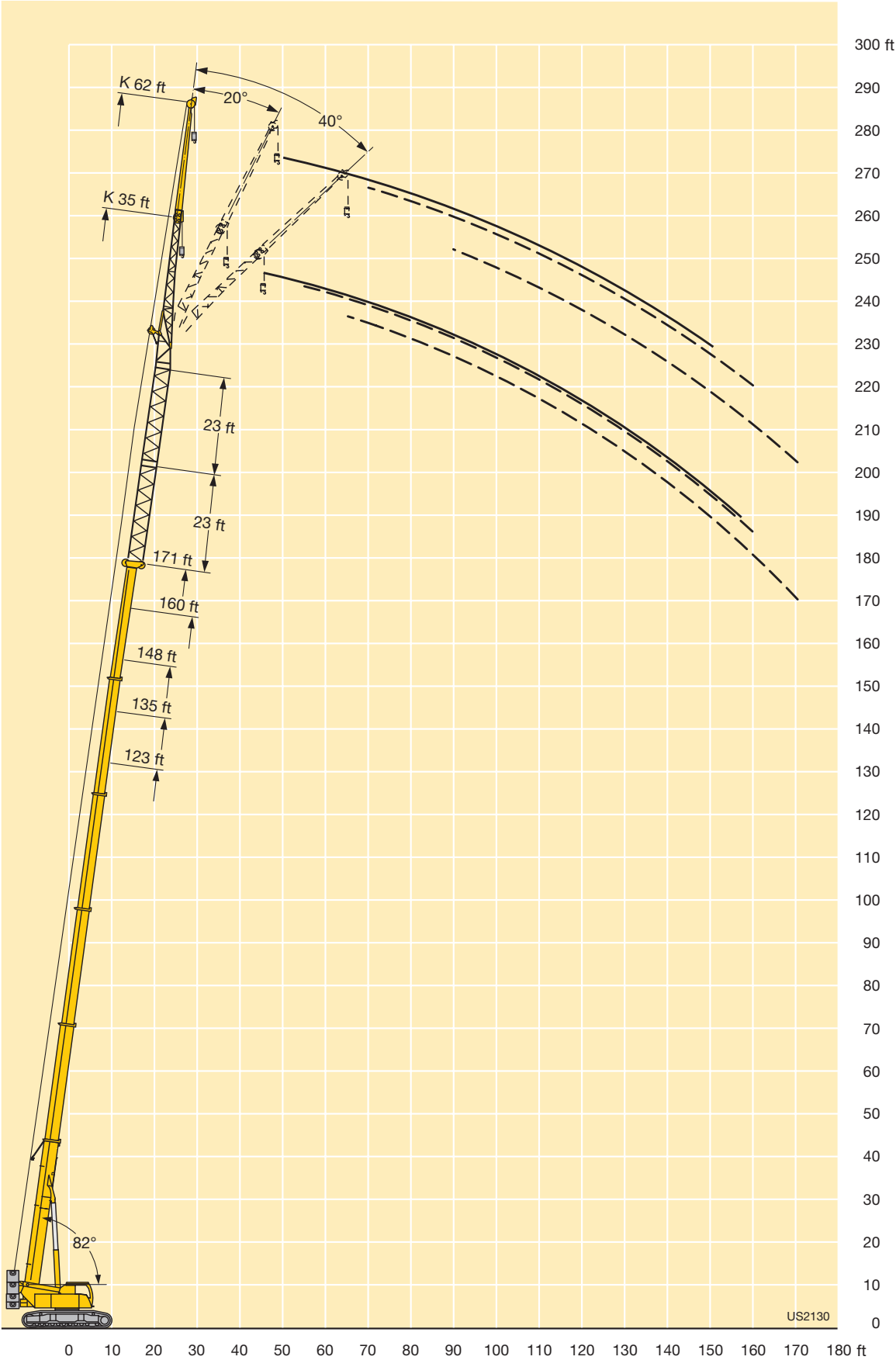
Forces de levage à la fléchette pliante avec télescope rallongé

      85%																
 ft	38 ft + 46 ft			162 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	6															22
24	5.9															24
26	5.8															26
28	5.7															28
30	5.6															30
32	5.5															32
34	5.3															34
36	5.2															36
38	5.1			6.2			5.8									38
40	5			6.2			5.8									40
45	4.7	4.9		6			5.7			4.6						45
50	4.3	4.6		5.8			5.5			4.6			3.8			50
55	4.1	4.3		5.6			5.3			4.5			3.7			55
60	3.8	4	4.3	5.4			5.2			4.4			3.5			60
65	3.6	3.8	4	5.3	5		5	4.9		4.4			3.5			65
70	3.4	3.5	3.7	5.1	4.9		4.9	4.7		4.4	4.2		3.5	3.6		70
75	3.2	3.3	3.5	4.9	4.7	4.4	4.8	4.5		4.4	4.2		3.5	3.5		75
80	3	3.1	3.3	4.7	4.5	4.4	4.6	4.4		4.3	4.2		3.4	3.3		80
85	2.8	2.9	3.1	4.5	4.3	4.2	4.4	4.2	4.1	4.2	4		3.3	3.2		85
90	2.7	2.8	2.9	4.3	4.2	4.1	4.3	4.1	4	4	3.9	3.8	3.1	3.1	3.1	90
95	2.5	2.6	2.7	4.2	4	3.9	4.1	3.9	3.8	3.9	3.8	3.7	3	3	3	95
100	2.4	2.5	2.6	4	3.9	3.8	4	3.8	3.7	3.8	3.6	3.6	2.9	2.9	2.9	100
105	2.3	2.3	2.4	3.9	3.7	3.6	3.8	3.7	3.6	3.6	3.5	3.5	2.8	2.8	2.8	105
110	2.1	2.2	2.3	3.7	3.6	3.5	3.7	3.5	3.5	3.5	3.4	3.4	2.7	2.7	2.7	110
115	2	2.1	2.2	3.6	3.5	3.4	3.6	3.4	3.4	3.4	3.3	3.3	2.6	2.6	2.6	115
120	1.9	2	2.1	3.5	3.3	3.3	3.4	3.3	3.3	3.3	3.2	3.2	2.5	2.5	2.6	120
125	1.8			3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.1	3.1	2.4	2.4	2.5	125
130	1.8			3.2	3.1	3.1	3.2	3.1	3.1	3.1	3	3	2.3	2.3	2.4	130
135				3.1	3	3	3.1	3	3	3	2.9	2.9	2.2	2.2	2.3	135
140				3	2.9	2.9	3	2.9	2.9	3	2.9	2.8	2.1	2.2	2.2	140
145				2.9	2.8	2.8	2.9	2.8	2.8	2.9	2.8	2.8	2	2.1	2.2	145
150				2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7	2	2	2.1	150
155				2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6		1.9	2	155
160				2.6	2.6	2.5	2.7	2.6	2.6	2.5	2.5	2.5		1.8	1.9	160
165				2.5	2.5	2.5	2.6	2.5	2.5	2.2	2.5	2.5			1.8	165
170				2.4	2.4	2.4	2.5	2.4	2.4	1.8	2.4	2.4			1.8	170
175				2.4	2.3	2.3	2.3	2.3	2.4		2.2	2.3				175
180				2.3	2.2	2.3	2	2.3	2.3			2.2				180
185				2.2	2.2			2.2	2.2							185
190				2	2.1			2	2.2							190
195					2				1.9							195

TAB 1752071 / 1752078 / 1752085

TAB 1752071 / 1752078 / 1752085

Lifting heights
Hauteurs de levage



Lifting capacities on the hydraulically variable folding jib
with boom extension

Forces de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé

38 – 171 ft 23 ft 35 ft 360° 70500 lbs 33100 lbs 85%																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	11.3															16
17	11.2															17
18	11															18
20	10.7															20
22	10.4															22
24	10															24
26	9.7	9.6		12.8												26
28	9.4	9.4		12.6			11.7									28
30	9.1	9		12.4			11.7									30
32	8.8	8.8		12.2			11.6			10.7						32
34	8.5	8.5		12			11.4			10.6						34
36	8.3	8.2		11.8			11.2			10.4						36
38	8	8	7.8	11.6	10.7		11			10.3			8.6			38
40	7.7	7.7	7.7	11.4	10.6		10.9			10.2			8.5			40
45	7.1	7.2	7.1	11	10.2		10.5	9.8		9.8	9.3		8.1			45
50	6.6	6.7	6.6	10.6	9.8	8.9	10.1	9.5	8.7	9.5	9.1		7.8	7.5		50
55	6.2	6.3	6.2	10.2	9.4	8.7	9.8	9.1	8.6	9.2	8.8	8.1	7.5	7.3	6.9	55
60	5.8	5.9	5.9	9.8	9	8.4	9.4	8.8	8.3	9	8.5	8	7.3	7	6.9	60
65	5.5	5.6	5.6	9.4	8.6	8.1	9.1	8.5	8	8.7	8.2	7.7	7	6.8	6.6	65
70	5.1	5.2	5.2	9	8.3	7.8	8.8	8.2	7.7	8.4	7.9	7.5	6.7	6.5	6.4	70
75	4.8	4.8	4.9	8.7	8	7.5	8.5	7.9	7.5	8.1	7.7	7.3	6.5	6.3	6.1	75
80	4.4	4.5		8.3	7.7	7.3	8.2	7.6	7.2	7.9	7.4	7.1	6.2	6	5.9	80
85	4	4.3		8	7.4	7	7.9	7.4	7	7.6	7.2	6.9	6	5.8	5.7	85
90				7.7	7.2	6.8	7.6	7.1	6.8	7.4	7	6.6	5.8	5.6	5.5	90
95				7.4	7	6.6	7.3	6.9	6.6	7.1	6.8	6.5	5.6	5.4	5.3	95
100				7.1	6.7	6.4	7.1	6.7	6.4	6.9	6.6	6.3	5.4	5.2	5.1	100
105				6.8	6.5	6.2	6.9	6.5	6.2	6.7	6.4	6.1	5.2	5	4.9	105
110				6.6	6.3	6.1	6.6	6.3	6.1	6.5	6.3	6	5	4.8	4.8	110
115				6.4	6.1	5.9	6.4	6.2	5.9	6.3	6.1	5.9	4.9	4.7	4.6	115
120				6.2	6	5.8	6.2	6	5.8	6.2	6	5.7	4.7	4.5	4.5	120
125				6	5.8	5.6	6.1	5.8	5.6	6	5.8	5.6	4.6	4.4	4.4	125
130				5.8	5.7	5.5	5.9	5.7	5.5	5.6	5.7	5.5	4.4	4.3	4.2	130
135				5.6	5.5	5.4	5.7	5.6	5.4	5.1	5.4	5.4	4.3	4.2	4.1	135
140				5.5	5.3	5.3	5.3	5.4	5.3	4.5	5	5.2	4.1	4.1	4	140
145				5.2	5.2		4.7	5.1	5.2	4	4.5	4.8	3.7	3.9	3.9	145
150				4.7	5		4.2	4.6	4.8	3.4	3.9	4.2	3.2	3.7	3.8	150
155				4.3	4.5		3.7	4.1	4.2	3	3.4	3.6	2.8	3.2	3.5	155
160				3.8	4.1		3.3	3.6		2.5	2.9	3.1	2.4	2.8	3	160
165				3.4	3.6		2.8	3.1			2.5	2.6		2.3	2.6	165
170				3	3.2		2.5	2.7			2	2.2		1.9	2.1	170
175				2.6	2.8		2.1	2.3								175

TAB 1752092 / 1752099 / 1752106

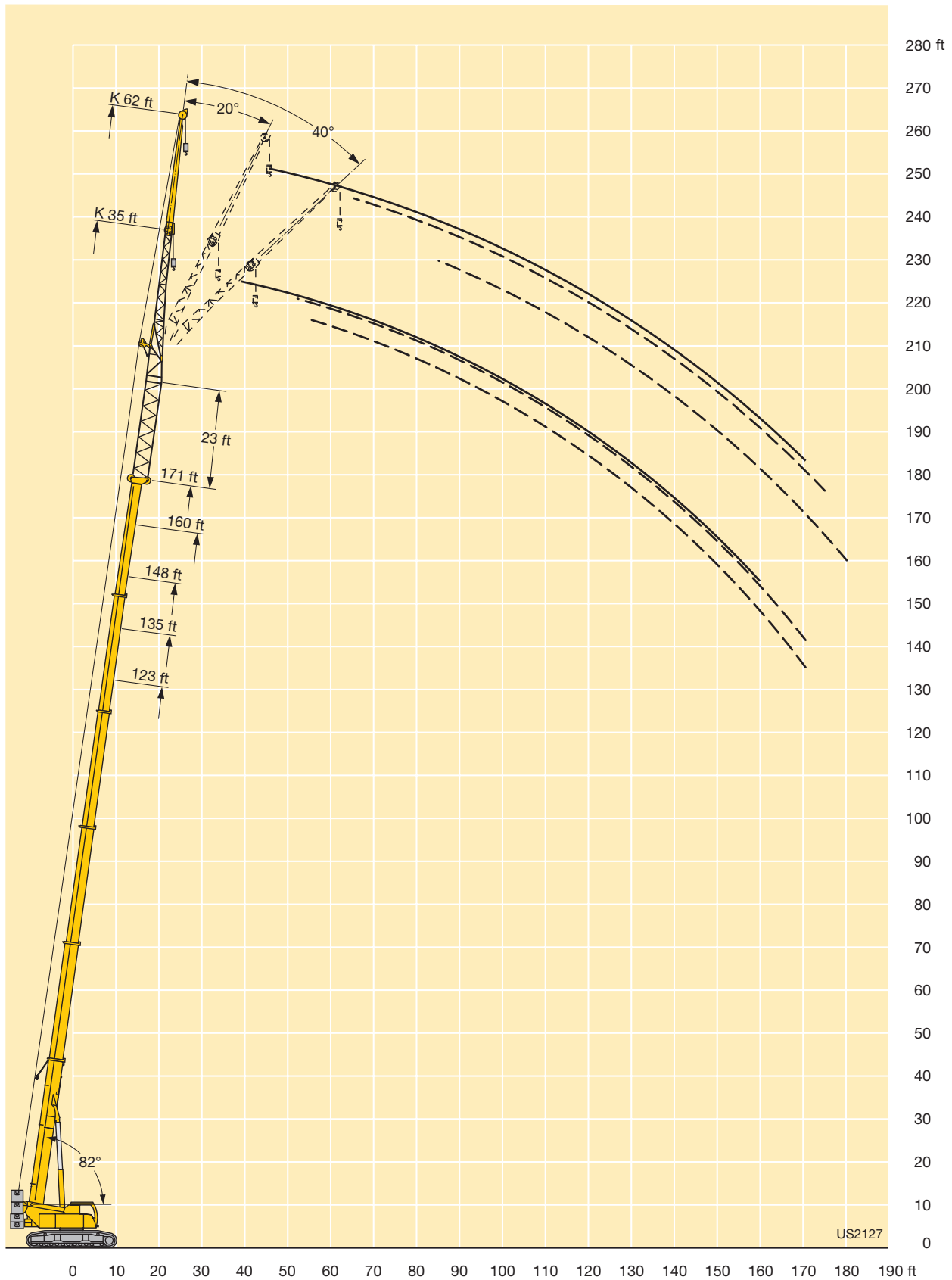
Lifting capacities on the hydraulically variable folding jib with boom extension

Forces de levage à la fléchette pliante à variation hydraulique avec télescope rallongé

38 – 171 ft 23 ft 62 ft 360° 70500 lbs 33100 lbs 85%																
ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	7.7															22
24	7.6															24
26	7.5															26
28	7.3			8.1												28
30	7.2			8.1												30
32	7			8.1			7.7									32
34	6.8			8.1			7.7									34
36	6.6			8.1			7.7									36
38	6.5			8.1			7.6			7.2						38
40	6.3			8			7.6			7.2						40
45	5.9	5.9		7.8			7.5			7.1			5.9			45
50	5.5	5.6		7.6			7.3			6.9			5.7			50
55	5.2	5.3		7.4	6.6		7.1	6.4		6.7			5.5			55
60	4.9	5	5.2	7.2	6.5		6.9	6.4		6.5			5.3			60
65	4.6	4.7	4.8	6.9	6.3		6.7	6.2		6.4	6		5.2	5		65
70	4.4	4.5	4.6	6.7	6.1	5.5	6.5	6		6.2	5.8		5	4.9		70
75	4.2	4.2	4.3	6.4	5.9	5.5	6.3	5.8	5.4	6	5.6	5.1	4.8	4.7		75
80	4	4	4.1	6.2	5.7	5.4	6	5.6	5.4	5.8	5.5	5.1	4.7	4.6		80
85	3.8	3.8	3.9	6	5.5	5.3	5.9	5.5	5.2	5.7	5.3	5.1	4.5	4.4	4.3	85
90	3.6	3.6	3.7	5.8	5.3	5.1	5.7	5.3	5	5.5	5.2	4.9	4.3	4.3	4.2	90
95	3.4	3.5	3.6	5.6	5.2	5	5.5	5.1	4.9	5.3	5	4.8	4.2	4.1	4.1	95
100	3.2	3.3	3.4	5.4	5	4.8	5.3	5	4.8	5.2	4.9	4.7	4	4	4	100
105	3.1	3.2		5.2	4.8	4.7	5.2	4.8	4.6	5.1	4.7	4.5	3.9	3.8	3.9	105
110	2.9	3		5.1	4.7	4.5	5	4.7	4.5	4.9	4.6	4.4	3.8	3.7	3.7	110
115				4.9	4.6	4.4	4.9	4.6	4.4	4.8	4.5	4.3	3.7	3.6	3.6	115
120				4.7	4.4	4.3	4.7	4.4	4.3	4.7	4.4	4.2	3.5	3.5	3.5	120
125				4.6	4.3	4.2	4.6	4.3	4.2	4.5	4.3	4.1	3.4	3.4	3.4	125
130				4.4	4.2	4.1	4.5	4.2	4.1	4.4	4.2	4.1	3.3	3.3	3.3	130
135				4.3	4.1	4	4.3	4.1	4	4.3	4.1	4	3.2	3.2	3.2	135
140				4.2	4	3.9	4.2	4	3.9	4.2	4	3.9	3.1	3.1	3.1	140
145				4.1	3.9	3.8	4.1	3.9	3.8	4.1	3.9	3.8	3	3	3.1	145
150				4	3.8	3.7	4	3.8	3.8	3.8	3.8	3.7	2.9	2.9	3	150
155				3.9	3.7	3.7	3.9	3.7	3.7	3.4	3.7	3.7	2.8	2.8	2.9	155
160				3.8	3.6	3.6	3.7	3.7	3.6	3	3.6	3.6	2.6	2.7	2.8	160
165				3.7	3.5	3.6	3.4	3.6	3.6	2.6	3.3	3.5	2.3	2.7	2.7	165
170				3.5	3.5	3.5	3	3.5	3.5	2.2	2.9	3.4	1.9	2.6	2.6	170
175				3.1	3.4		2.6	3.1	3.4	1.9	2.5	2.9		2.3	2.6	175
180				2.8	3.2		2.2	2.8	3		2.1	2.5			2.3	180
185				2.5	2.8			2.4								185
190				2.1	2.5			2								190
195				1.9	2.1											195

TAB 1752092 / 1752099 / 1752106

Lifting heights Hauteurs de levage



Lifting capacities on the hydraulically variable folding jib with boom extension

Forces de levage à la fléchette pliante à variation hydraulique avec télescope rallongé

38 – 171 ft 46 ft 35 ft 360° 70500 lbs 33100 lbs 85%																
ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16	8.6															16
17	8.5															17
18	8.4															18
20	8.1															20
22	7.9															22
24	7.7															24
26	7.5															26
28	7.3															28
30	7.1	7.2														30
32	6.9	6.9		8.8												32
34	6.7	6.7		8.7												34
36	6.5	6.5		8.6												36
38	6.2	6.3	6.3	8.5			8.1			6.6						38
40	6.1	6.1	6.3	8.4			8			6.6						40
45	5.6	5.7	5.8	8	7.7		7.7			6.6			5.3			45
50	5.2	5.3	5.4	7.7	7.4		7.4	7		6.6	6.6		5.1			50
55	4.9	4.9	5	7.4	7.1	6.6	7.2	6.8	6.4	6.6	6.5		5	5.2		55
60	4.5	4.6	4.6	7.2	6.8	6.5	6.9	6.5	6.3	6.5	6.2		5	5.1		60
65	4.3	4.3	4.3	6.9	6.5	6.3	6.6	6.3	6.1	6.3	6	5.8	5	4.9	4.9	65
70	4	4	4	6.6	6.2	6	6.4	6.1	5.9	6.1	5.8	5.6	4.8	4.7	4.7	70
75	3.8	3.8	3.8	6.3	6	5.8	6.1	5.8	5.6	5.9	5.6	5.5	4.6	4.6	4.5	75
80	3.5	3.6	3.6	6	5.7	5.5	5.9	5.6	5.4	5.7	5.4	5.3	4.4	4.4	4.3	80
85	3.3	3.3	3.4	5.8	5.5	5.3	5.7	5.4	5.2	5.5	5.2	5.1	4.2	4.2	4.2	85
90	3.1	3.1	3.2	5.6	5.3	5.1	5.5	5.2	5	5.3	5	4.9	4.1	4	4	90
95	2.9	3	3	5.3	5.1	4.9	5.3	5	4.9	5.1	4.9	4.7	3.9	3.9	3.9	95
100	2.8	2.8	2.7	5.1	4.9	4.7	5.1	4.8	4.7	4.9	4.7	4.6	3.7	3.7	3.7	100
105				4.9	4.7	4.6	4.9	4.7	4.5	4.8	4.5	4.5	3.6	3.5	3.6	105
110				4.7	4.5	4.4	4.7	4.5	4.4	4.6	4.4	4.3	3.5	3.4	3.4	110
115				4.6	4.4	4.3	4.6	4.4	4.3	4.5	4.3	4.2	3.3	3.3	3.3	115
120				4.4	4.2	4.1	4.4	4.2	4.1	4.4	4.1	4.1	3.2	3.2	3.2	120
125				4.3	4.1	4	4.3	4.1	4	4.2	4	3.9	3.1	3	3.1	125
130				4.1	4	3.9	4.1	4	3.9	4.1	3.9	3.8	3	2.9	2.9	130
135				4	3.8	3.8	4	3.9	3.8	4	3.8	3.7	2.9	2.8	2.8	135
140				3.8	3.7	3.6	3.9	3.8	3.7	3.8	3.7	3.6	2.8	2.7	2.7	140
145				3.7	3.6	3.5	3.8	3.6	3.6	3.5	3.6	3.5	2.7	2.6	2.6	145
150				3.6	3.5	3.5	3.7	3.5	3.5	3	3.4	3.5	2.6	2.5	2.5	150
155				3.5	3.4	3.4	3.4	3.4	3.4	2.6	3	3.2	2.2	2.4	2.4	155
160				3.4	3.3		3	3.3	3.3	2.1	2.6	2.9		2.2	2.3	160
165				3.1	3.2		2.6	3			2.2	2.4				165
170				2.7	3		2.2	2.5			1.8	2				170
175				2.4	2.6			2.1								175
180				2	2.2											180

TAB 1752113 / 1752120 / 1752127

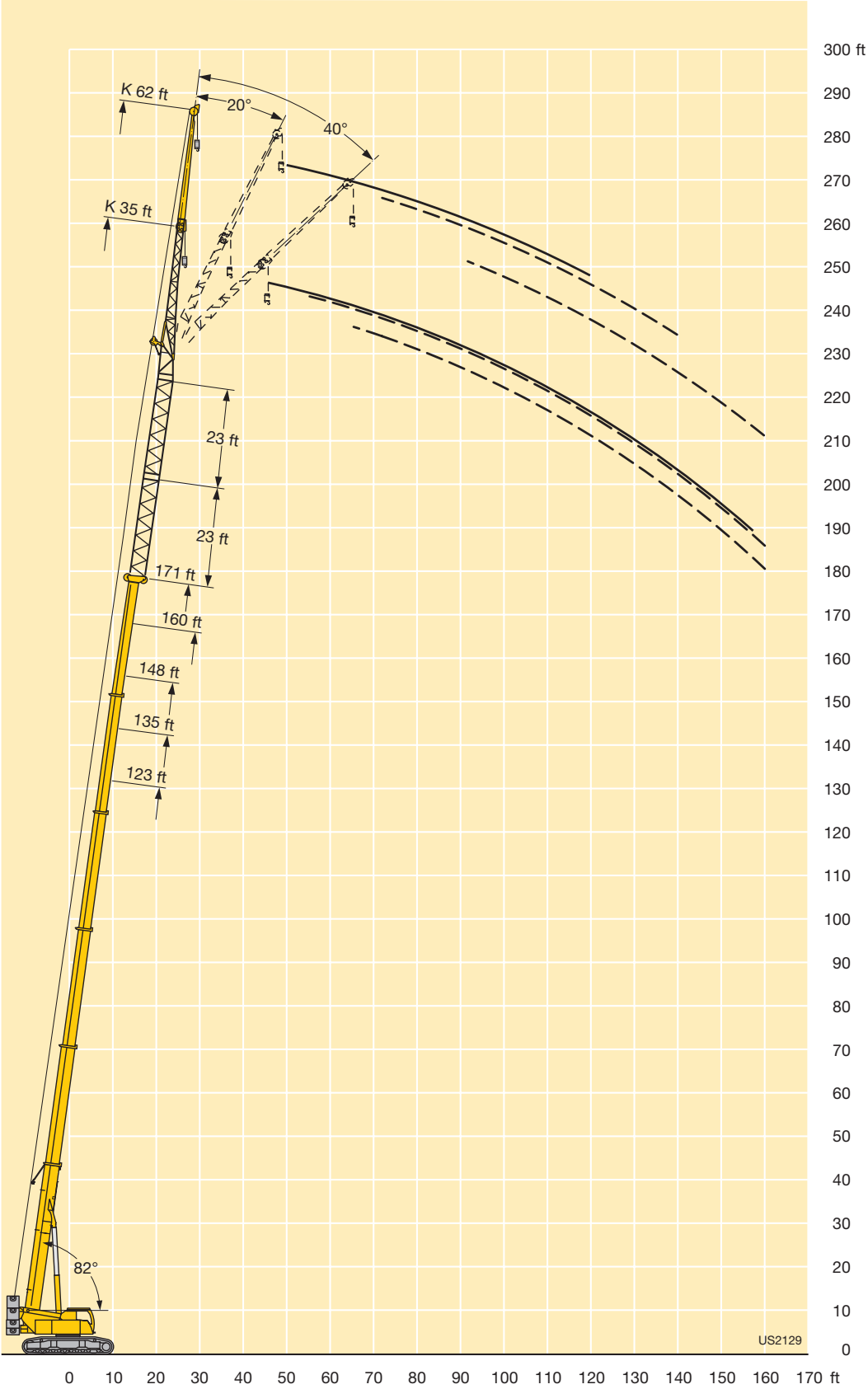
Lifting capacities on the hydraulically variable folding jib with boom extension

Forces de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé

      85%																
 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	5.9															22
24	5.9															24
26	5.7															26
28	5.6															28
30	5.5															30
32	5.3															32
34	5.2															34
36	5.1															36
38	5			6.1			5.8									38
40	4.9			6.1			5.7									40
45	4.5	4.8		5.9			5.6			4.4						45
50	4.3	4.5		5.7			5.4			4.4			3.5			50
55	4	4.2		5.5			5.2			4.3			3.4			55
60	3.7	3.9	4.2	5.3			5.1			4.1			3.3			60
65	3.5	3.7	3.9	5.1	4.9		4.9	4.8		4.1			3.3			65
70	3.3	3.5	3.7	5	4.8		4.8	4.6		4.1	4.1		3.3	3.5		70
75	3.1	3.2	3.4	4.8	4.6	4.4	4.6	4.5		4.1	4.1		3.3	3.4		75
80	2.9	3	3.2	4.6	4.4	4.3	4.4	4.3		4.1	4.1		3.3	3.3		80
85	2.7	2.9	3	4.4	4.2	4.2	4.3	4.1	4.1	4.1	3.9		3.2	3.1		85
90	2.6	2.7	2.8	4.2	4.1	4	4.1	4	3.9	3.9	3.8	3.7	3	3	3	90
95	2.4	2.5	2.7	4.1	3.9	3.8	4	3.8	3.8	3.8	3.7	3.6	2.9	2.9	3	95
100	2.3	2.4	2.5	3.9	3.8	3.7	3.8	3.7	3.6	3.7	3.6	3.5	2.8	2.8	2.8	100
105	2.1	2.3	2.3	3.8	3.6	3.6	3.7	3.6	3.5	3.5	3.4	3.4	2.6	2.7	2.7	105
110	2	2.1	2.2	3.6	3.5	3.4	3.6	3.4	3.4	3.4	3.3	3.3	2.5	2.6	2.7	110
115	1.9		2.1	3.5	3.4	3.3	3.4	3.3	3.3	3.3	3.2	3.2	2.4	2.5	2.6	115
120	1.8		1.9	3.4	3.2	3.2	3.3	3.2	3.2	3.2	3.1	3.1	2.3	2.4	2.5	120
125	1.8			3.2	3.1	3.1	3.2	3.1	3.1	3.1	3	3		2.3	2.4	125
130	1.8			3.1	3	3	3.1	3	3	3	2.9	2.9		2.2	2.3	130
135				3	2.9	2.9	3	2.9	2.9	2.9	2.8	2.8		2.1	2.2	135
140				2.9	2.8	2.8	2.9	2.8	2.8	2.8	2.7	2.7		2.1	2.2	140
145				2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7			2.1	145
150				2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6			2	150
155				2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.5			1.9	155
160				2.5	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4			1.8	160
165				2.4	2.4	2.4	2.5	2.4	2.4		2.4	2.4				165
170				2.3	2.3	2.3	2.4	2.3	2.3		2.3	2.3				170
175				2.2	2.2	2.2	2.2	2.2	2.3		2	2.2				175
180				2.2	2.1	2.2		2.2	2.2			2.1				180
185				2	2.1			2.1	2.1							185
190				1.8	2			1.8	2.1							190
195					1.9											195

TAB 1752113 / 1752120 / 1752127

Lifting heights
Hauteurs de levage



Lifting capacities on the erection jib
Forces de levage à la fléchette de montage

	 38 – 171 ft	 10 ft	 360°	 70500 lbs	 33100 lbs	 85%							
 ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	 ft
11		76.5	76.5										11
12		76.5	76.5										12
13	76.5	76.5	76.5	76.5									13
14	76.5	76.5	76.5	76.5	76.5								14
15	76.5	76.5	76.5	76.5	76.5								15
16	76.5	76.5	76.5	76.5	76.5	72							16
17	76	76.5	76.5	76.5	76.5	71.5							17
18	76	76.5	76.5	76.5	76.5	70	54.6						18
20	75	76.5	76.5	76.5	76	67.5	54.4						20
22	72.5	76.5	76.5	76.5	74	65	53.2	47.2					22
24	70.5	75.5	76.5	76	71.5	62.5	52	46.6					24
26	68.5	74.5	76.5	76	68.5	59.7	50.8	45.4	37.8				26
28	67	73	74.5	72.5	65.5	57.2	49.5	44.2	37.1	30.6			28
30	65.5	70.5	72	68.5	62.5	54.7	48.2	42.9	36.4	30.5			30
32	65	66.5	67	64	59.7	52.4	46.6	41.3	35.7	30.1	24		32
34		62.5	62	59.8	56.9	50.4	45	39.8	34.8	29.6	23.8		34
36		57.7	57.4	55.8	53.9	48.4	43.4	38.4	33.7	29.1	23.4		36
38		53	52.8	51.8	50.9	46.5	41.8	37	32.6	28.7	23	18.2	38
40		48.9	48.6	48	48	44.5	40.4	35.7	31.5	28.2	22.6	18.1	40
45		41.7	40.9	40.3	40.8	39.7	37	32.7	29.1	26.7	21.6	17.3	45
50			35	34.4	35.8	35.3	34.1	30.2	26.9	25.1	20.7	16.5	50
55			30.2	30.4	31.6	31.1	30.7	27.9	24.9	23.5	19.8	15.7	55
60				27.7	27.9	27.3	26.9	25.8	23.1	22	19.1	15	60
65				25.1	24.7	24.1	23.7	23.7	21.6	20.4	18.3	14.3	65
70				22.5	22.1	21.7	21.7	21.2	20	19	17.4	13.8	70
75					19.8	20	19.7	18.9	18.6	17.7	16.4	13.2	75
80					17.9	18.5	17.7	17	17.3	16.5	15.4	12.7	80
85					16.3	16.8	16	15.5	15.7	15.1	14.5	12.2	85
90						15.3	14.9	14.7	14.3	14.2	13.4	11.7	90
95						14	13.7	13.6	13.3	13.1	12.2	11.1	95
100							12.6	12.4	12.3	11.9	11.1	10.5	100
105								11.4	11.3	10.8	10.1	9.9	105
110								10.8	10.3	9.9	9.1	9	110
115								10	9.4	8.9	8.2	8.2	115
120									8.5	8.1	7.3	7.3	120
125									7.8	7.3	6.6	6.6	125
130									7.1	6.6	5.8	5.8	130
135										6	5.2	5.2	135
140										5.4	4.6	4.6	140
145											4	4	145
150											3.5	3.5	150
155											3.1	3.1	155
160												2.6	160

TAB 1752134

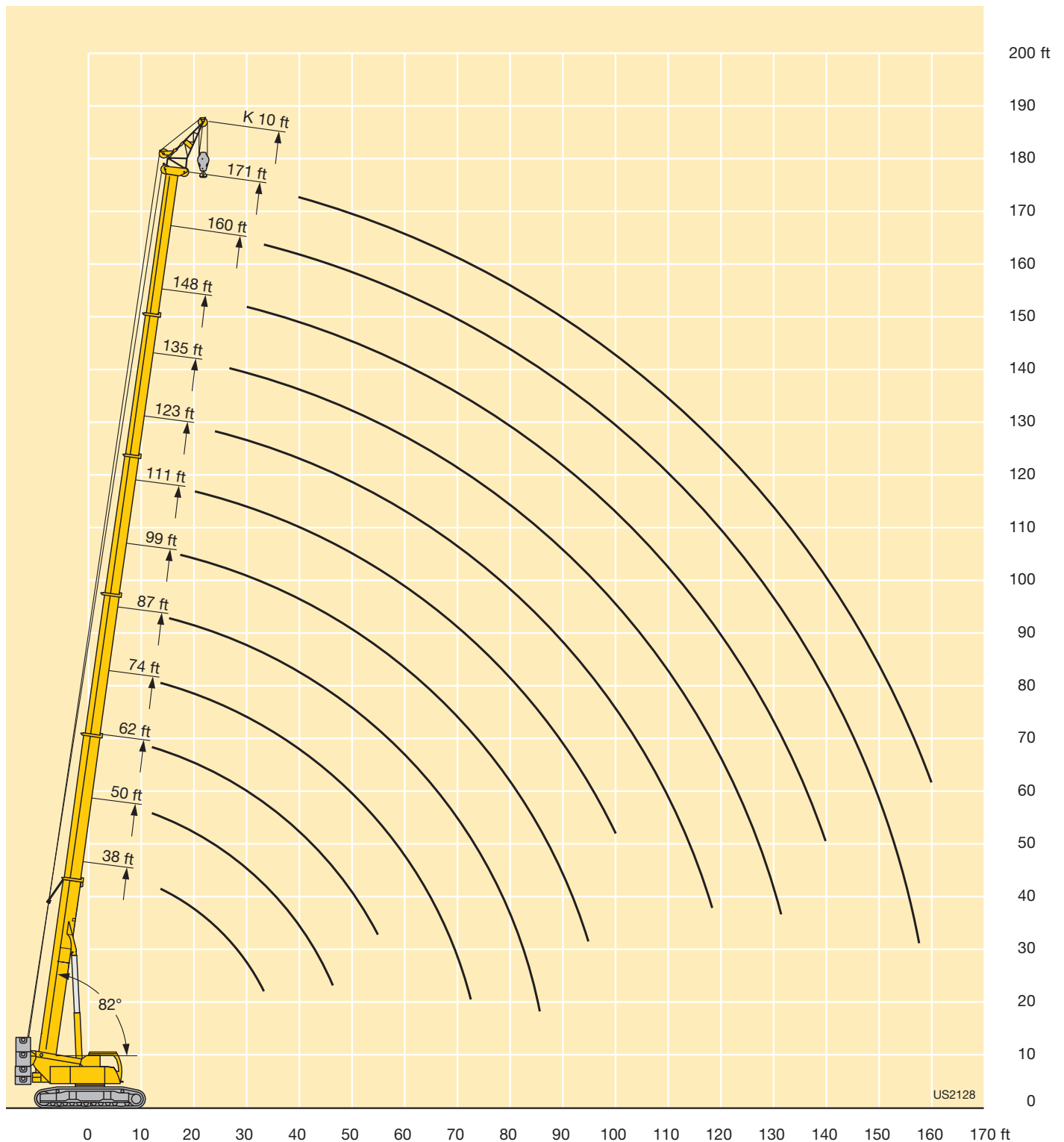
Lifting capacities on the erection jib

Forces de levage à la fléchette de montage

      													
      													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	76.5												9
10	76.5												10
11	76.5	76.5	76.5										11
12	76.5	76.5	76.5										12
13	76.5	76.5	76.5	76.5									13
14	76.5	76.5	76.5	76.5	76.5								14
15	76.5	76.5	76.5	76.5	76.5								15
16	76.5	76.5	76.5	76.5	76.5	72							16
17	76	76.5	76.5	76.5	76.5	71.5							17
18	76	76.5	76.5	76.5	76.5	70	54.6						18
20	75	76.5	76.5	76.5	76	67.5	54.4						20
22	72.5	76.5	76.5	76.5	74	65	53.2	47.2					22
24	70.5	75.5	76.5	75	71.5	62.5	52	46.6					24
26	68.5	74.5	76.5	72	68.5	59.7	50.8	45.4	37.8				26
28	67	71	71	67	64	57.2	49.5	44.2	37.1	30.6			28
30	64.5	66.5	65.5	61.5	59.7	54.5	48.2	42.9	36.4	30.5			30
32	59.6	60.5	59.8	57.1	55.4	51.6	46.6	41.3	35.7	30.1	24		32
34		55.5	55.1	53.1	51.7	48.9	44.9	39.8	34.8	29.6	23.8		34
36		51.4	50.9	49.4	48.5	46.6	43.1	38.4	33.7	29.1	23.4		36
38		47.4	46.7	45.8	45.2	44.2	41.4	37	32.6	28.7	23	18.2	38
40		43.7	42.9	42.4	42.3	41.9	39.6	35.6	31.5	28.2	22.6	18.1	40
45		36.8	35.9	35.4	37.3	36.2	34.8	32.4	29.1	26.7	21.6	17.3	45
50			30.6	31.7	32.3	31.5	30.5	29.3	26.9	25.1	20.7	16.5	50
55			27	28.4	27.9	27.3	27	26.2	24.6	23.5	19.8	15.7	55
60				24.8	24.4	23.9	24.2	23.2	22.3	21.7	19.1	15	60
65				21.9	21.6	22.1	21.4	20.6	20.6	19.3	18.3	14.3	65
70				19.6	19.3	19.8	19.4	18.9	18.6	18	17.1	13.8	70
75					17.2	17.7	17.5	17.2	16.9	16.6	15.6	13.2	75
80					15.4	15.9	15.7	15.6	15.5	15.1	14	12.7	80
85					13.9	14.4	14.5	14.1	14.1	13.4	12.5	12.2	85
90						13	13.3	13.2	12.7	12.1	11.2	11.1	90
95						12.2	12.1	12.1	11.4	10.9	10.1	9.9	95
100							11	10.9	10.3	9.8	9	8.9	100
105								9.9	9.3	8.8	8.1	8	105
110								9	8.4	7.9	7.2	7.1	110
115								8.1	7.5	7.1	6.3	6.3	115
120									6.8	6.3	5.6	5.6	120
125									6.1	5.6	4.9	4.9	125
130									5.4	5	4.2	4.2	130
135										4.4	3.7	3.6	135
140										3.9	3.1	3.1	140
145											2.6	2.6	145
150											2.2	2.1	150

TAB 1752135

Lifting heights Hauteurs de levage



Technical description

Description techniques

Crawler travel gear

Frame	Low torsion box construction, consisting of crawler center section and two crawler carriers. The crawler carriers can be removed from the telescoping beams. Hydraulic track width adjustment.
Tracks	Maintenance free crawler tracks with 2'11" wide triple grouser track pads.
Travel drive	Per crawler carrier, a hydraulic travel drive consisting of an axial piston motor, planetary gear with spring-loaded hydraulically-releasable travel brake. The crawler chains can be controlled synchronously as well as independently and counter-rotating. Travel speed: 0 – 1.7 mph.
Central ballast	33080 lbs, placement blocks at 16540 lbs each, mounting on crawler center section.

Crane superstructure

Frame	Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the crawler carrier for continuous rotation.
Crane engine	4-cylinder diesel, made by Liebherr, type D934S A6, watercooled, output of 129 kW (175 hp) at 1800 rpm acc. to EPA / CARB and to directive 97/68/EC, stage 3, max. torque 678 lbs-ft at 1100 rpm – 1500 rpm, fuel reservoir: 192 gallons.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.
Control	Electric "Load Sensing" control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type). The crawler travel gear is operated via the 2 two-way controllable foot pedals. The crawler travel gear and the crane superstructure can be driven simultaneously.
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with safety check valves.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake, slewing gear invertible.
Crane cab	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.
Safety devices	LICCON safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.

Telescopic boom	Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system "Telematik". 5 steel cable pulleys. Boom length: 38 ft – 171 ft.
Counterweight	57320 lbs
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.
Lateral inclination	0.3°, 1.5°, 2.5° and 4° lateral inclination on tables for the telescopic boom and 9'6" folding jib.

Additional equipment

Swing-away jib	35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Erection jib	9'6" with steel cable pulleys.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Additional counterweight	13240 lbs for a total counterweight of 70540 lbs.
Jack-up cylinder incl. folding brackets	For crawler removal, flatbed trailer transit height 3'7", flatbed trailer transit width 9'10".
Track pads	2'11" flat track pads.

Other items of equipment available on request.

Technical description Description techniques

Train de chenilles

Châssis	Construction en caisson indéformable haute résistance, constitué de la partie centrale du train de roulement et de deux longerons. Les longerons peuvent être démontés des poutres télescopiques. Réglage hydraulique de la voie.
Train de roulement	Train de roulement sans entretien, muni de tuiles à 3 nervures, de 2'11" de large.
Transmission	Une transmission hydraulique par longeron, comprenant un moteur à cylindrée variable et pistons axiaux, un réducteur planétaire avec frein à ressort et à déblocage hydraulique. Les chaînes sont synchrones, indépendantes et une commande inversée est possible. Vitesse de translation: 0 – 1.7 mph.
Contrepoids central	33080 lbs, blocs de suspension de 16540 lbs chacun, fixation sur la partie centrale du train de roulement.

Partie tournante

Cadre	Construction soudée résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide. Couronne d'orientation à rouleaux à 3 rangées permettant une rotation illimitée sert de pièce de liaison avec le châssis de train de chenilles.
Moteur	4 cylindres Diesel, fabrication Liebherr, type D934S A6, à refroidissement par eau, puissance: 129 KW (175 ch) à 1800 rpm selon EPA/CARB et selon directive 97/68 CE, niveau 3, couple maxi: 678 lbs-ft à 1100 rpm – 1500 rpm, capacité du réservoir de carburant: 192 gallons.
Entraînement de la grue	Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
Direction	Direction électrique «Load Sensing», 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage. Le train de chenilles est actionné par 2 pédales à double commande. Le train de chenilles et la partie tournante de la grue peuvent être déplacés simultanément.
Mécanisme de levage	Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec soupapes de retenu.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort, mécanisme d'orientation commutable.

Cabine du grutier	Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable, cabine inclinable vers l'arrière.
Dispositif de sécurité	Contrôleur de charge «LICCON», système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
Flèche télescopique	Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide «Telematik». 5 poulies de câble en acier. Longueur de flèche: 38 ft – 171 ft.
Contrepoids	57320 lbs
Installation électrique	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.
Inclinaison latérale	Inclinaison latérale de 0,3°, 1,5°, 2,5° et 4° avec les tableaux correspondants à la flèche télescopique et à la fléchette pliante de 9'6".

Équipement supplémentaire

Fléchette pliante	Longueur: 35 ft – 62 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option).
Fléchette de montage	9'6" avec poulies de câble en acier.
2ème mécanisme de levage	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
Contrepoids supplémentaire	13240 lbs pour un contrepoids total de 70540 lbs.
Vérin Jack-up, consoles rabattables incl.	Pour le démontage des chenilles, hauteur de passage des remorques surbaissées 3'7" m, largeur de passage des remorques surbaissées 9'10".
Tuiles	Tuiles plates de 2'11".

Autres équipements supplémentaires sur demande.

Remarks referring to load charts

1. The tabulated lifting capacities do not exceed 85% of the tipping load.
2. The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
3. The 85% overturning limit values take into account wind force 5 = wind speed 20 mph.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centreline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Lifting capacities above 183000 lbs only with additional pulley block.
9. Lateral inclination $\pm 0.3^\circ$.

Remarques relatives aux tableaux des charges

1. Les forces de levage indiquées ne dépassent pas 85% de la charge de basculement.
2. La norme DIN 15018, 3ème partie est appliquée pour les charpentes. La construction de la grue est réalisée conformément à la norme DIN 15018, 2ème partie, et aux règles de la F. E. M.
3. A 85% de la charge de basculement, il a été tenu compte d'un vent de force 5 = vitesse de vent 20 mph.
4. Les forces de levage sont données en kips.
5. Les poids des moufles et crochets doit être soustrait des charges indiquées.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les forces indiquées pour la flèche télescopique s'entendent fléchette dépliable déposée. Forces de levage plus de 183000 lbs seulement
8. avec un moufle complémentaire.
9. Inclinaison latérale $\pm 0,3^\circ$.