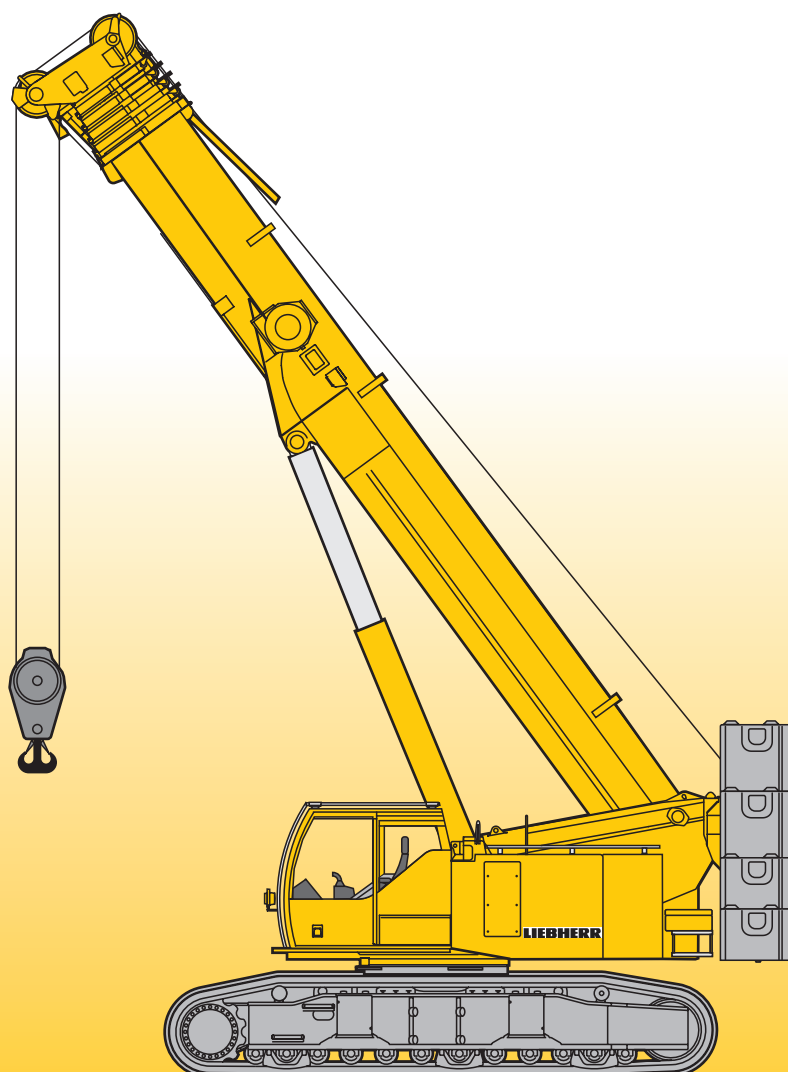


# Telescopic Crawler Crane Grue télescopique sur chenilles

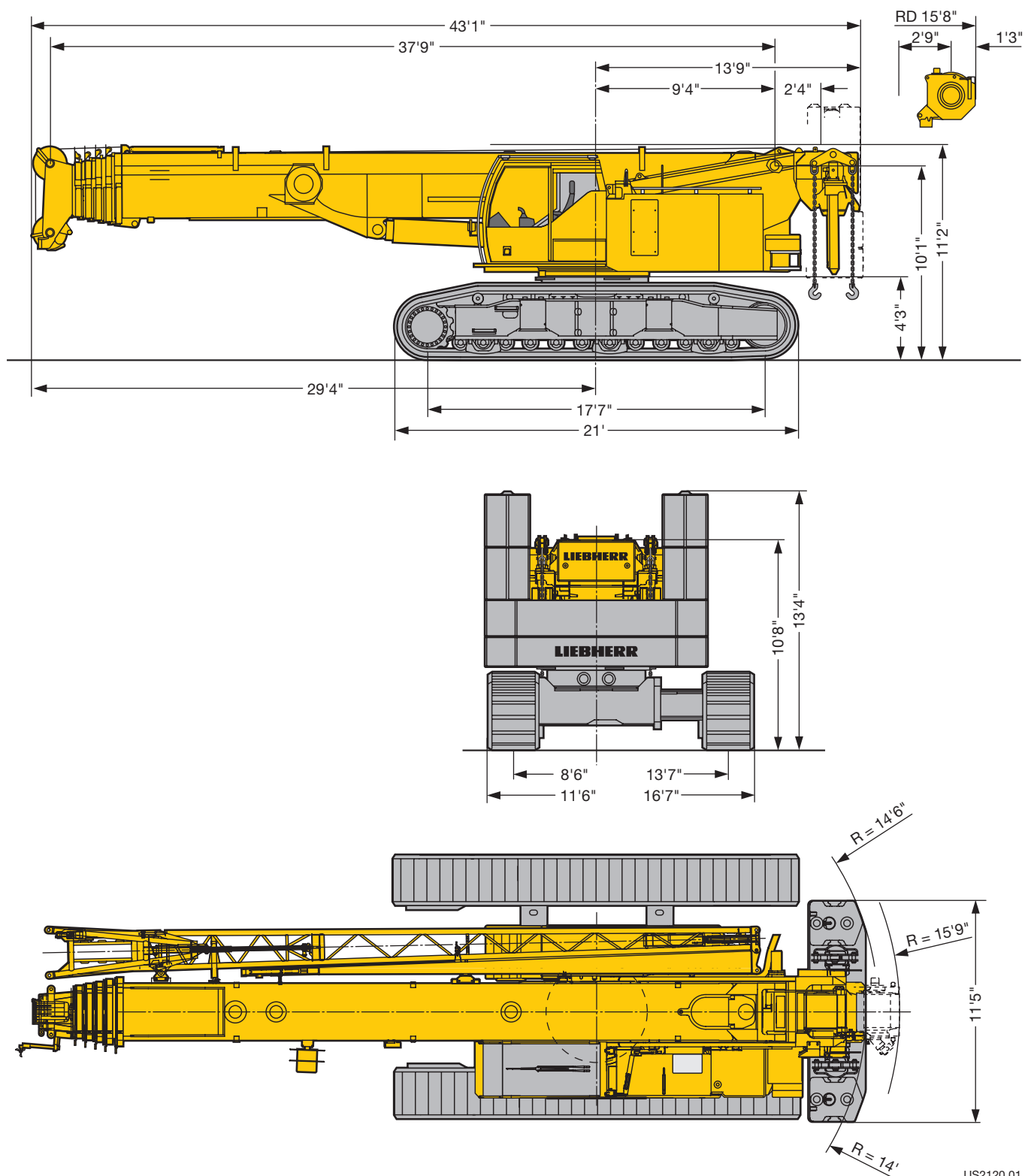
## LTR 1100

### 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 <sup>2</sup>
	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		

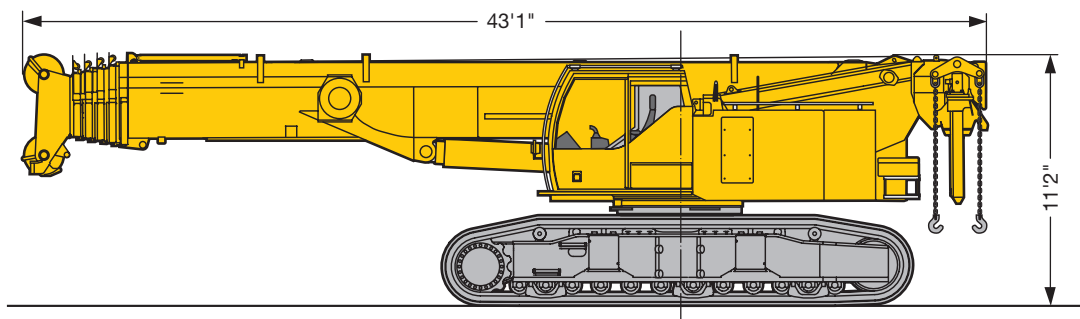


Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
220	7	14	2730
200	5	11	1540
130.2	3	7	1102
57.5	1	3	992
19.4	–	1	550

## Transportation plan Plan de transport

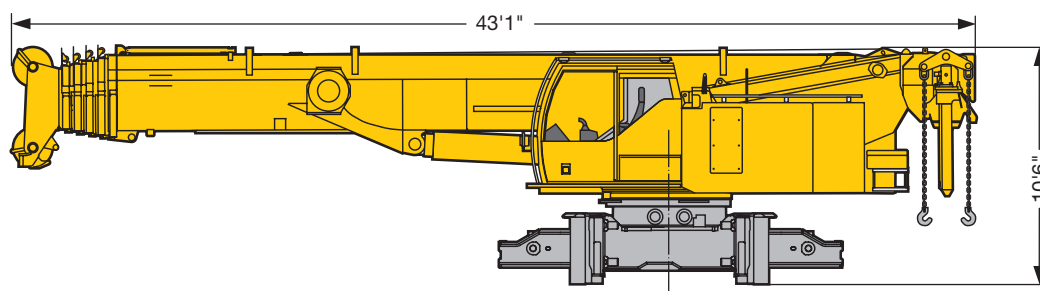
Basic machine, width 11'6", triple grouser crawler carrier 2'11"  
Machine de base, largeur 11'6", 3 nervures longerons 2'11"

**115960 lbs**



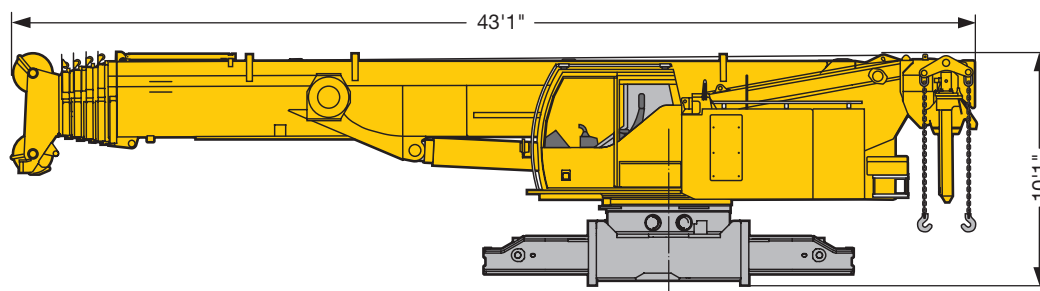
Basic machine, width 9'10", with jack-Up cylinder (optional)  
Machine de base, largeur 9'10", avec verin Jack-Up (option)

**80700 lbs**



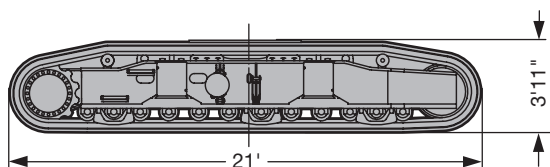
Basic machine, width 9'10"  
Machine de base, largeur 9'10"

**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)

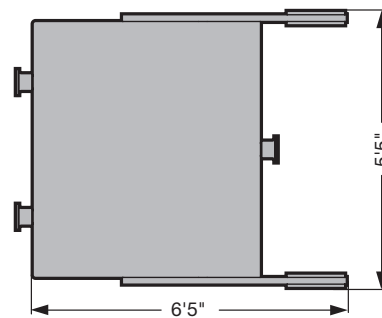
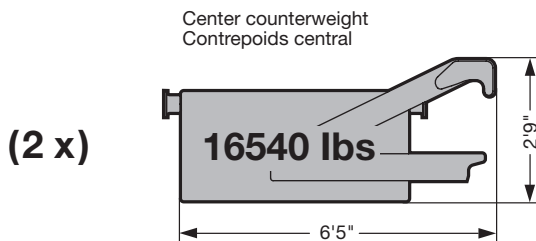
US2133.01

Transportation plan

Plan de transport

Counterweight versions

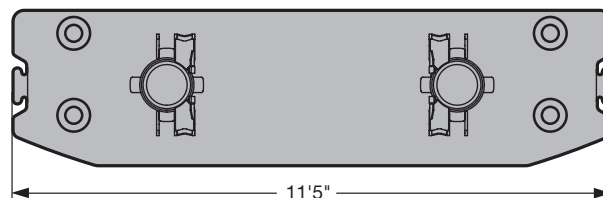
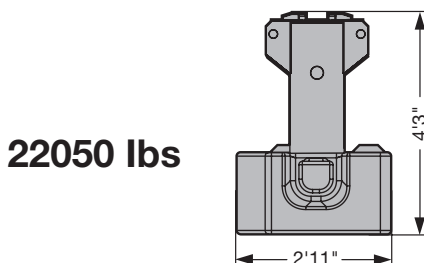
Variantes de contrepoids



Part A / Partie A

Superstructure ballast

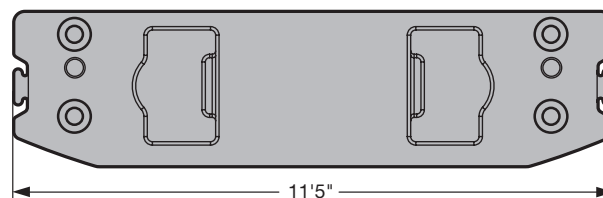
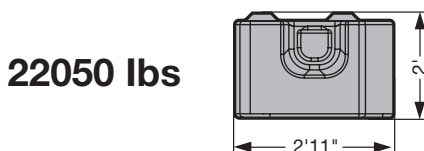
Contrepoids de la partie tournante



Part B / Partie B

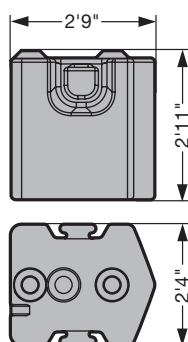
Superstructure ballast

Contrepoids de la partie tournante



Part C / Partie C

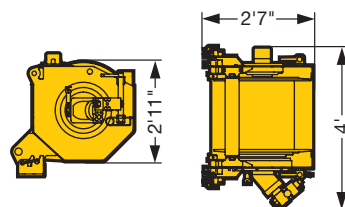
6610 lbs



Winch 2 incl. rope

Treuil 2 avec câble

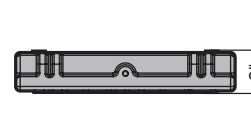
2870 lbs



Replacement ballast for winch 2

Contrepoids de remplacement pour le treuil 2

1985 lbs

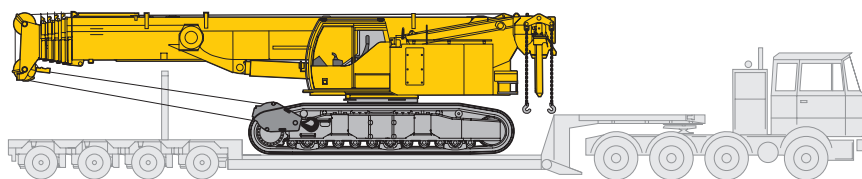


US2136

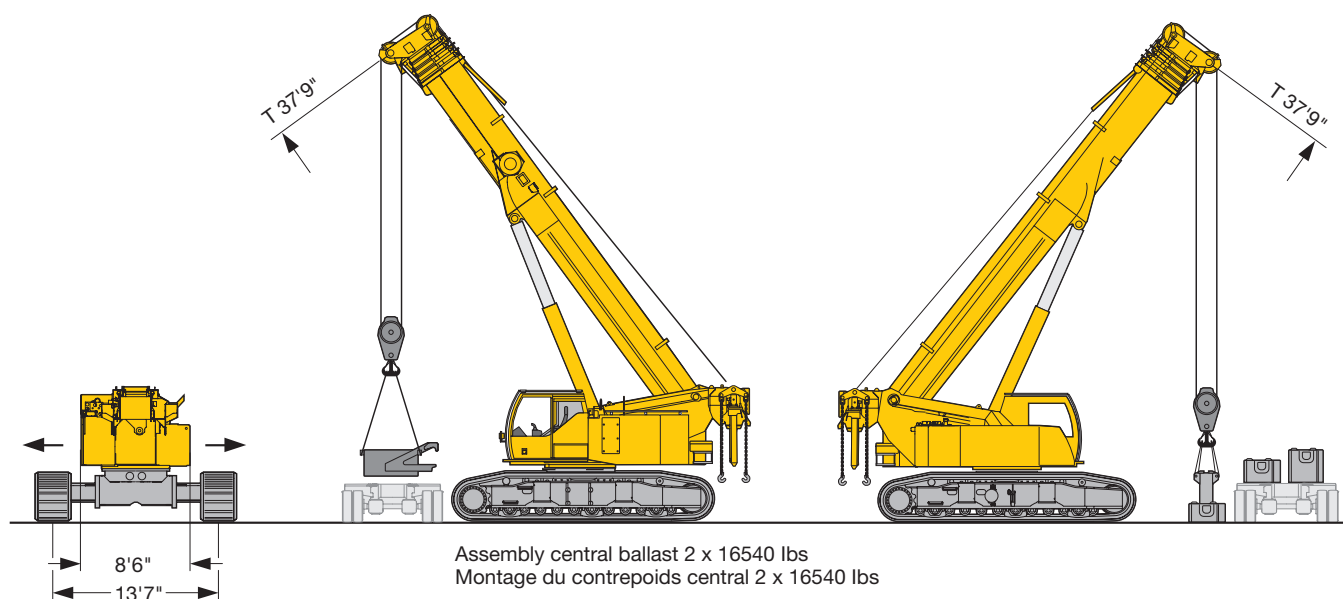
	Part A / Partie A à 22050 lbs	Part B / Partie B à 22050 lbs	Part C / Partie C à 6610 lbs
57320 lbs*	1 x	1 x	2 x
70540 lbs	1 x	1 x	4 x

\* standard · standard

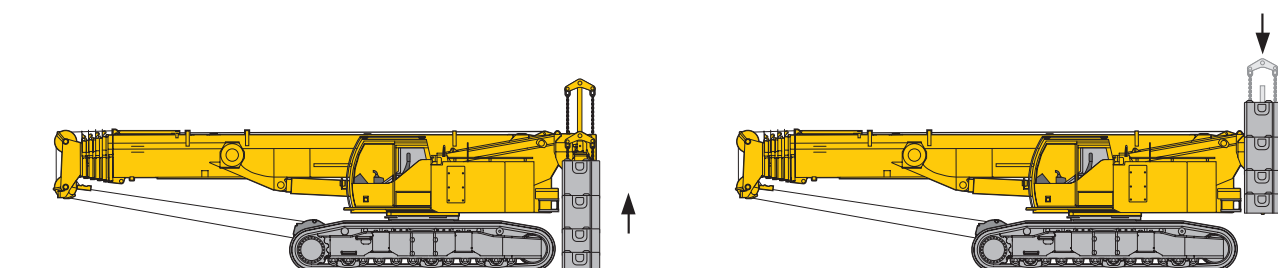
## Transportation plan Plan de transport



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



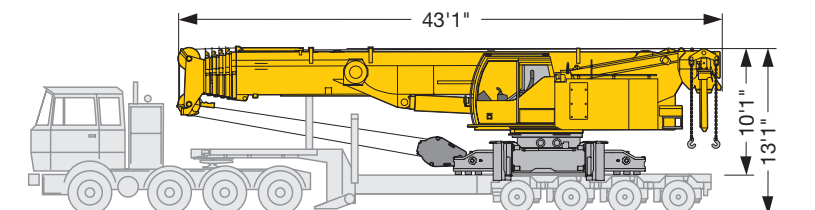
Telescope crawler travel gear out  
Elargir le train de chenilles



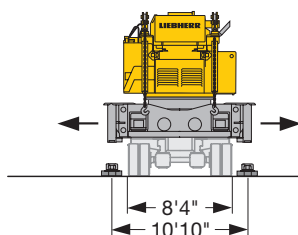
Assembly superstructure ballast  
Montage du contrepoids de la partie tournante

US2132.01

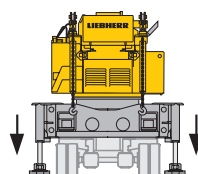
## Transportation plan Plan de transport



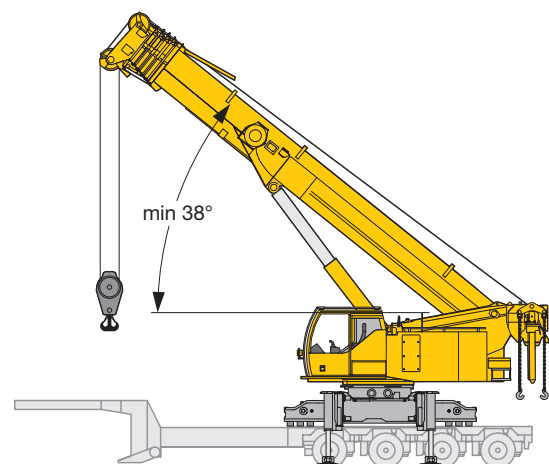
9'10" transport width on low loader up to 8'4" wide  
Largeur de transport de 9'10" avec une remorque surbaissée jusqu'à 8'4" de large



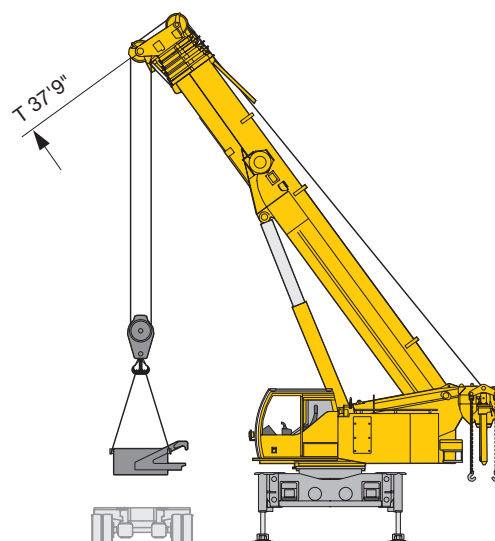
Swinging out the four jack-up cylinders  
Extension des 4 vérins Jack-up



Supporting up the crane  
Calage de la grue



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

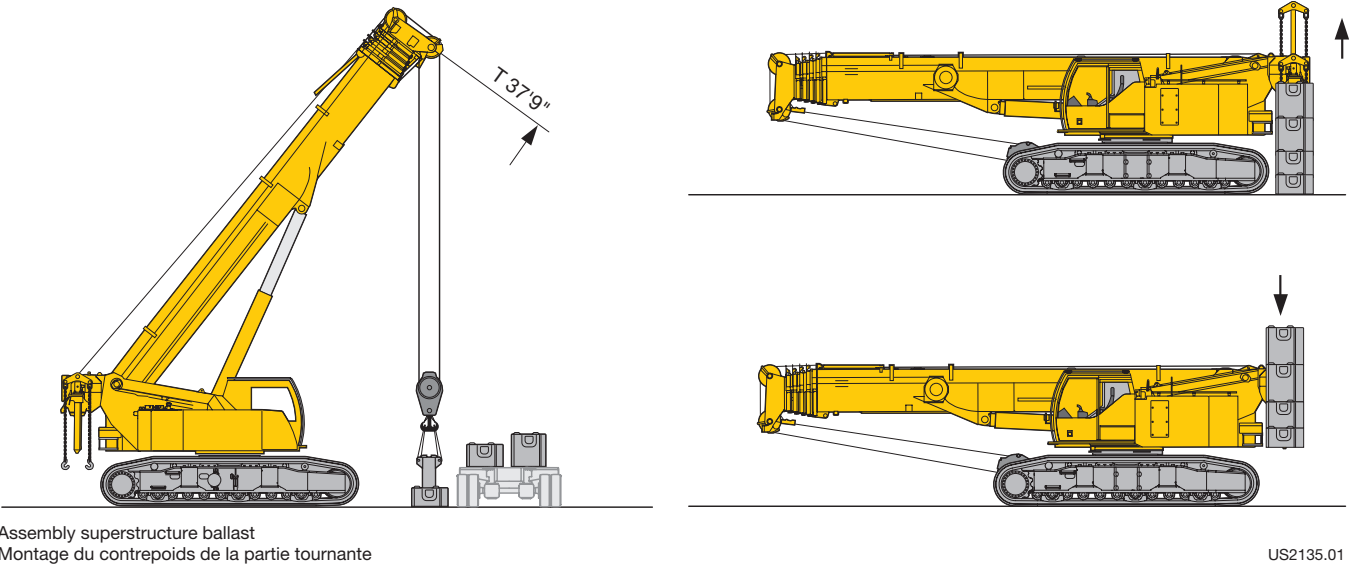
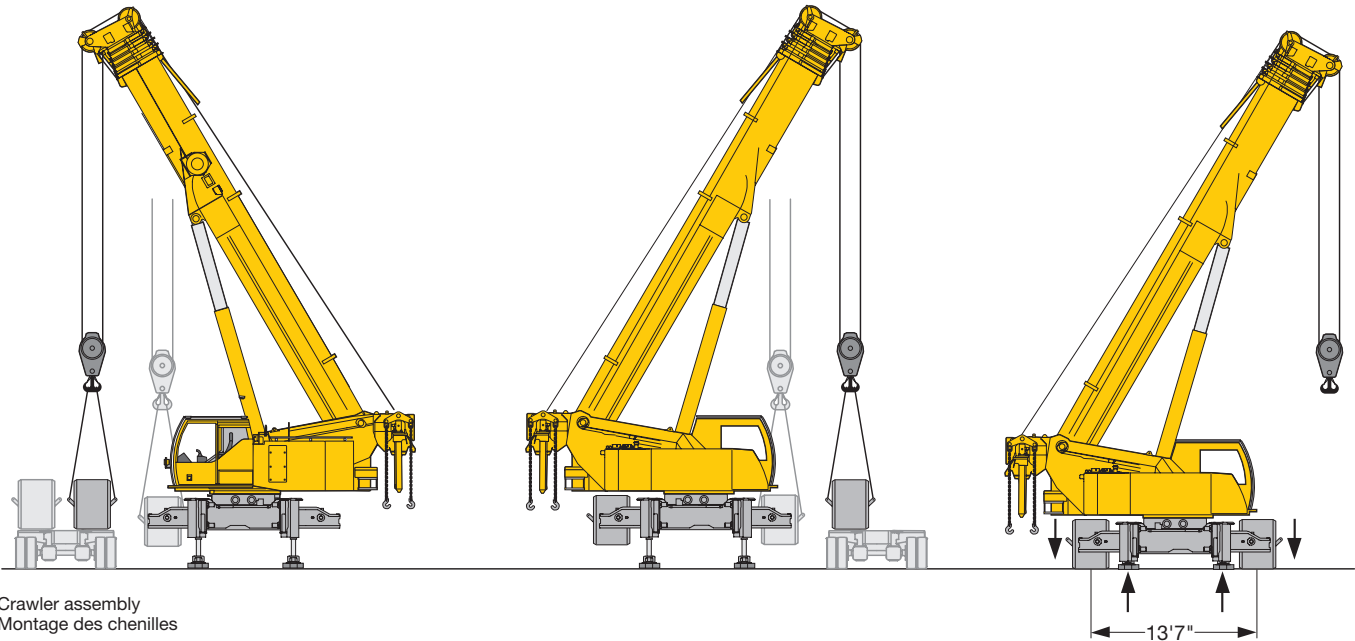


Central ballast assembly (2 x 16540 lbs)  
Montage du contrepoids central (2 x 16540 lbs)

US2134.01

Transportation plan

Plan de transport





Lifting capacities on telescopic boom





Forces de levage à la flèche télescopique

<div><div>38 – 171 ft</div><div>360°</div><div>70540 lbs</div><div>33100 lbs</div><div>85%</div></div>													
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

<div>  38 – 171 ft <div>  360° </div> <div>  57320 lbs </div> <div>  33100 lbs </div> <div> 85% </div> </div>													
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 contreponds de la partie tournante

TAB 1752002





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

<div>     <div>85%</div> </div>													
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

<div>  38 – 171 ft            360°            22000 lbs            33100 lbs           <div>85%</div> </div>													
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

<div>     <div>85%</div> </div>													
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

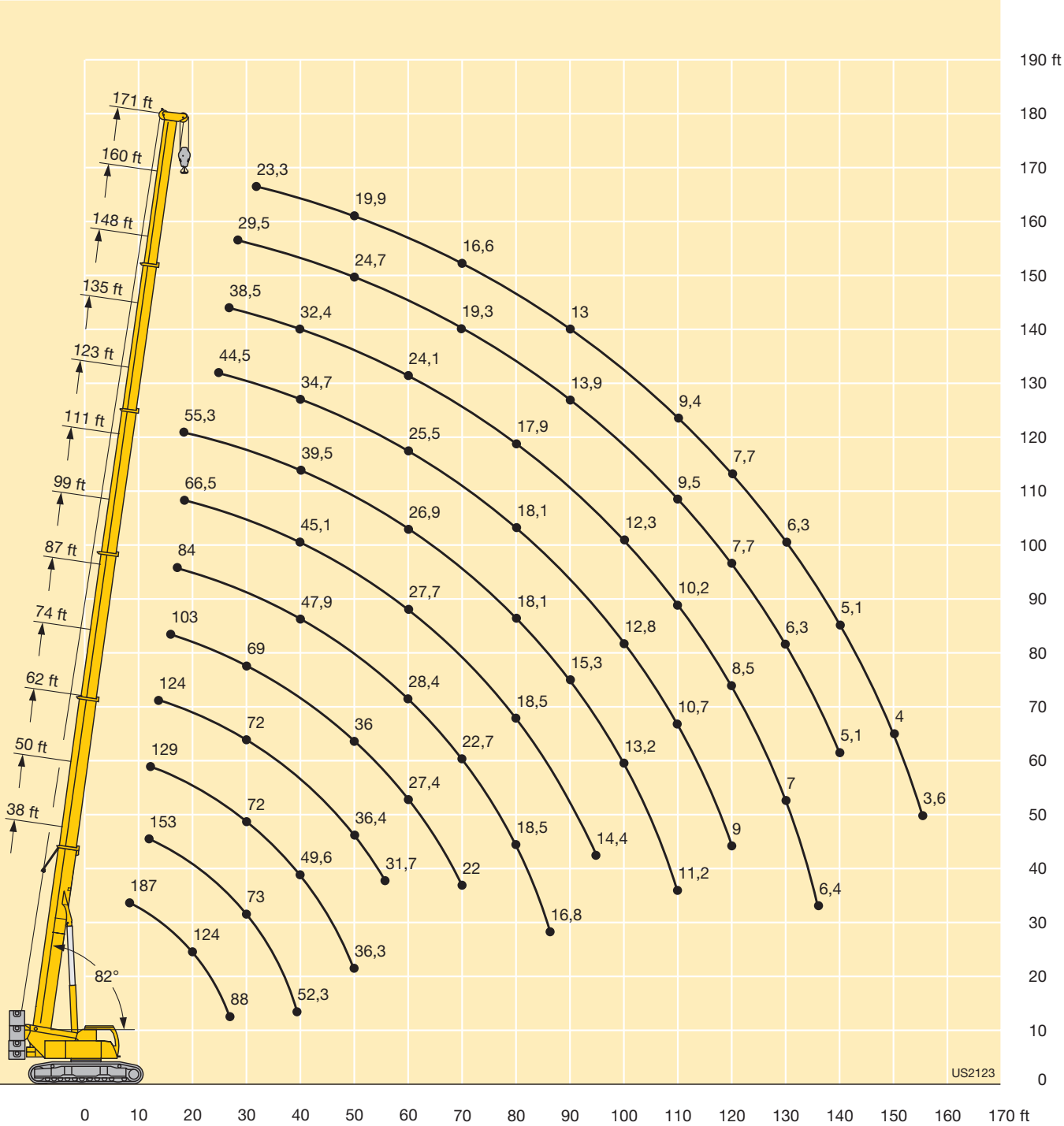
<div>     <div>85%</div> </div>													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	130												9
10	128												10
11	110	92.5	84										11
12	94.5	87.5	80										12
13	83	77.5	72	66									13
14	74	70	65.5	62	51.3								14
15	66	63.5	59.7	57.1	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



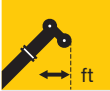







Lifting heights

Hauteurs de levage



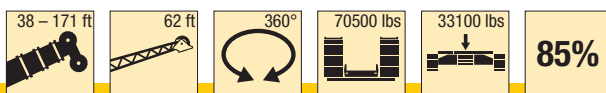
Lifting capacities on the folding jib



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°																		
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





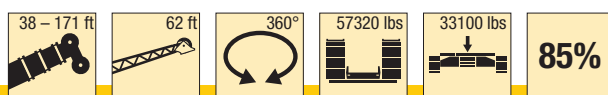
## Lifting capacities on the folding jib Forces de levage à la fléchette pliante



<div><div></div><div></div><div></div><div></div><div></div><div>85%</div></div>																			
 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	27.8																		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



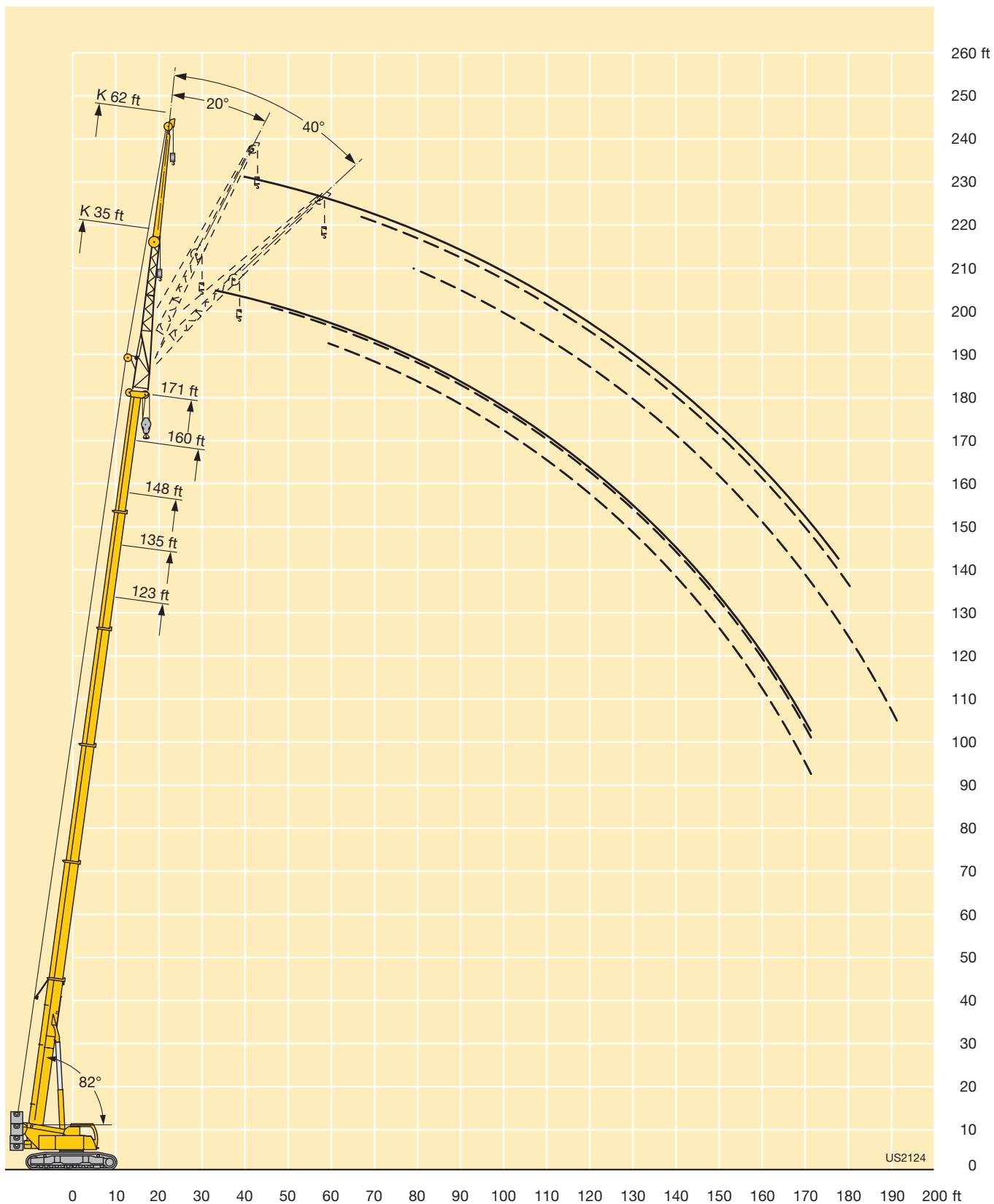
## Lifting capacities on the folding jib Forces de levage à la fléchette pliante










	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

<div><div></div><div></div><div></div><div></div><div></div><div>85%</div></div>																			
 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 / 175204

TAB 1752029 / 1752036 / 1752043











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

																																					
	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	27.5																		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



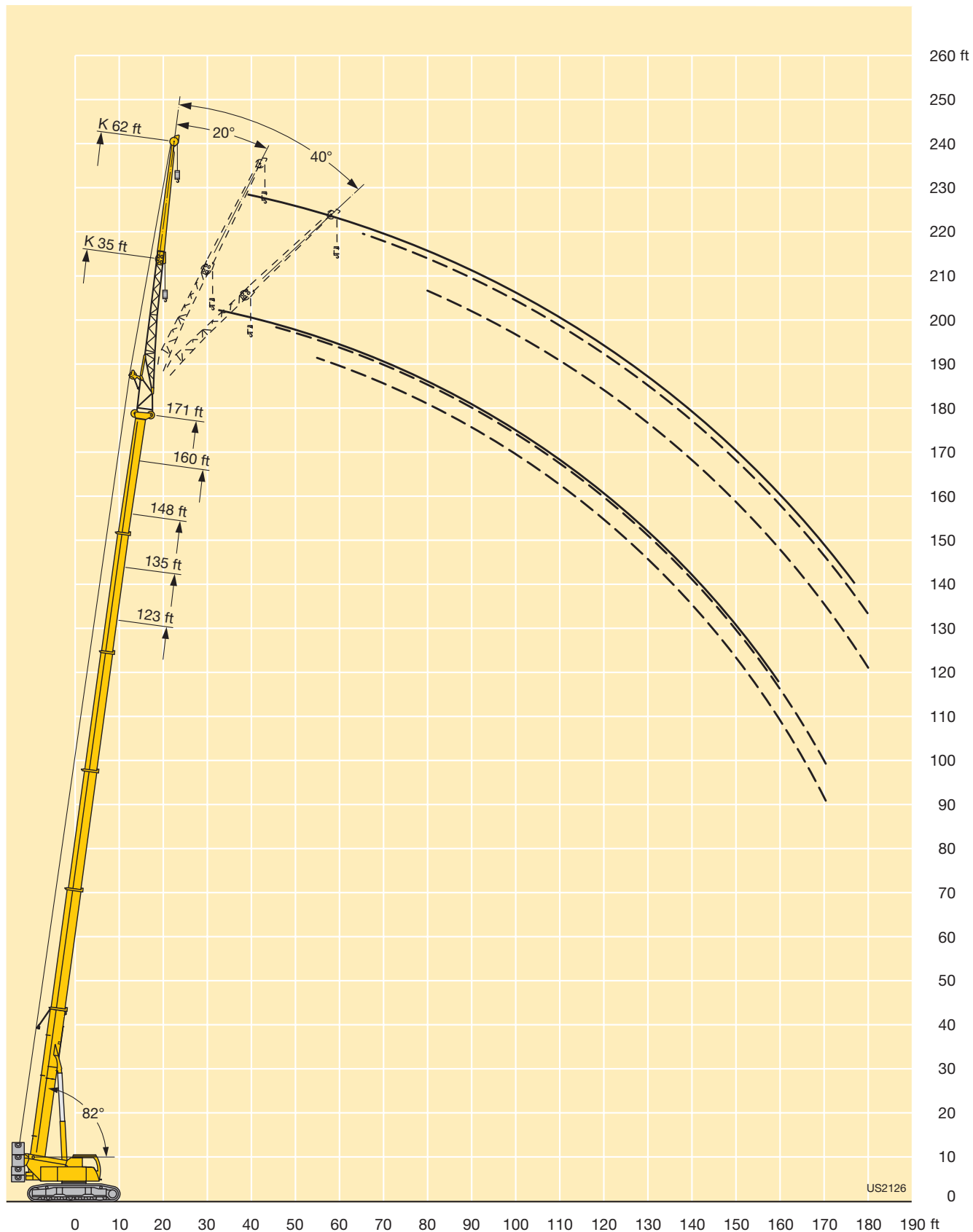
## Lifting capacities on the hydraulically variable folding jib Forces de levage à la fléchette pliante à variation hydraulique

																																					
 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°	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





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

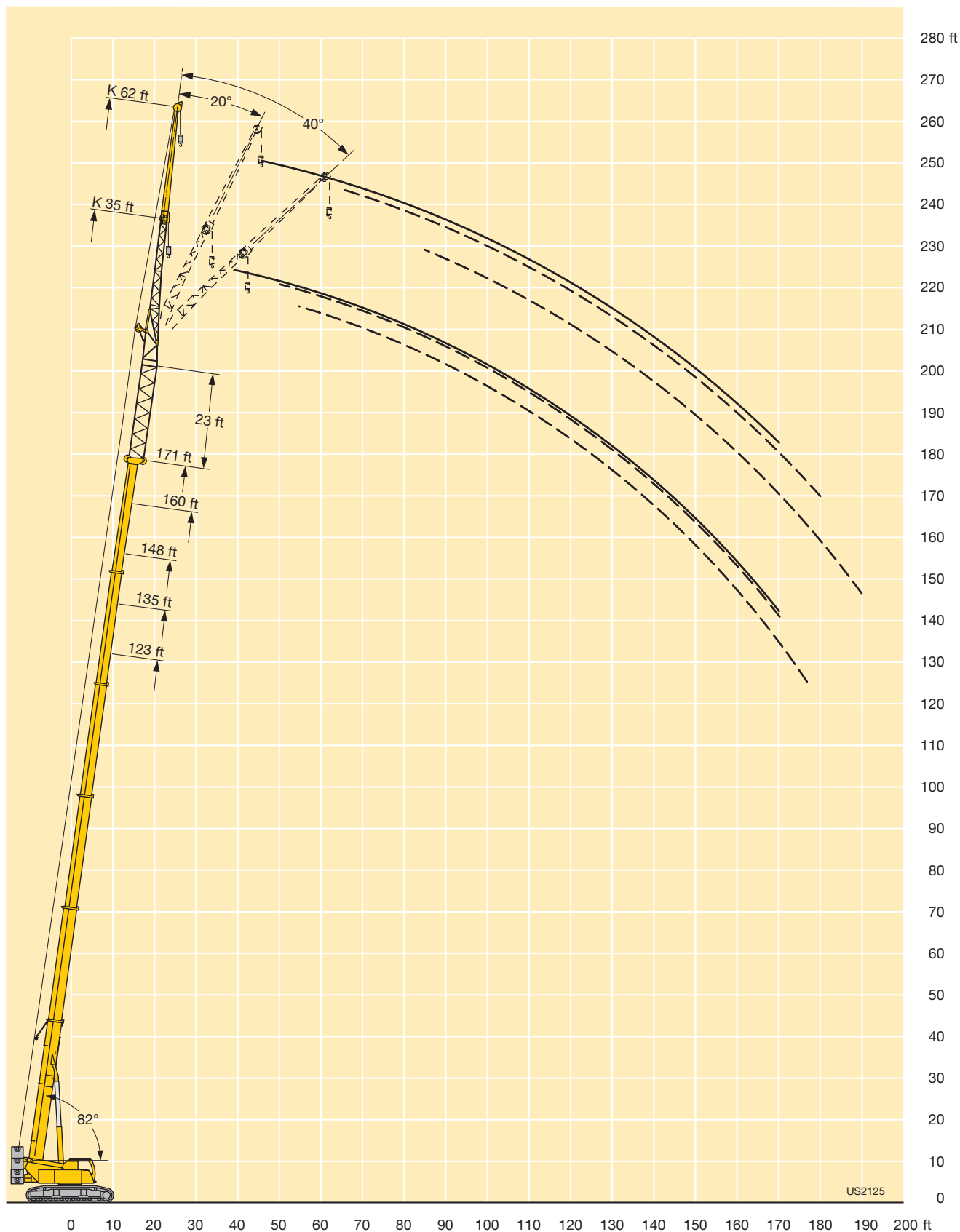
## Forces de levage à la fléchette pliante avec télescope rallongé

<div><div></div><div></div><div></div><div></div><div></div><div></div><div><div>85%</div></div></div>																
 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

<div><div></div><div></div><div></div><div></div><div></div><div></div><div><div>85%</div></div></div>																
 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	8.7															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

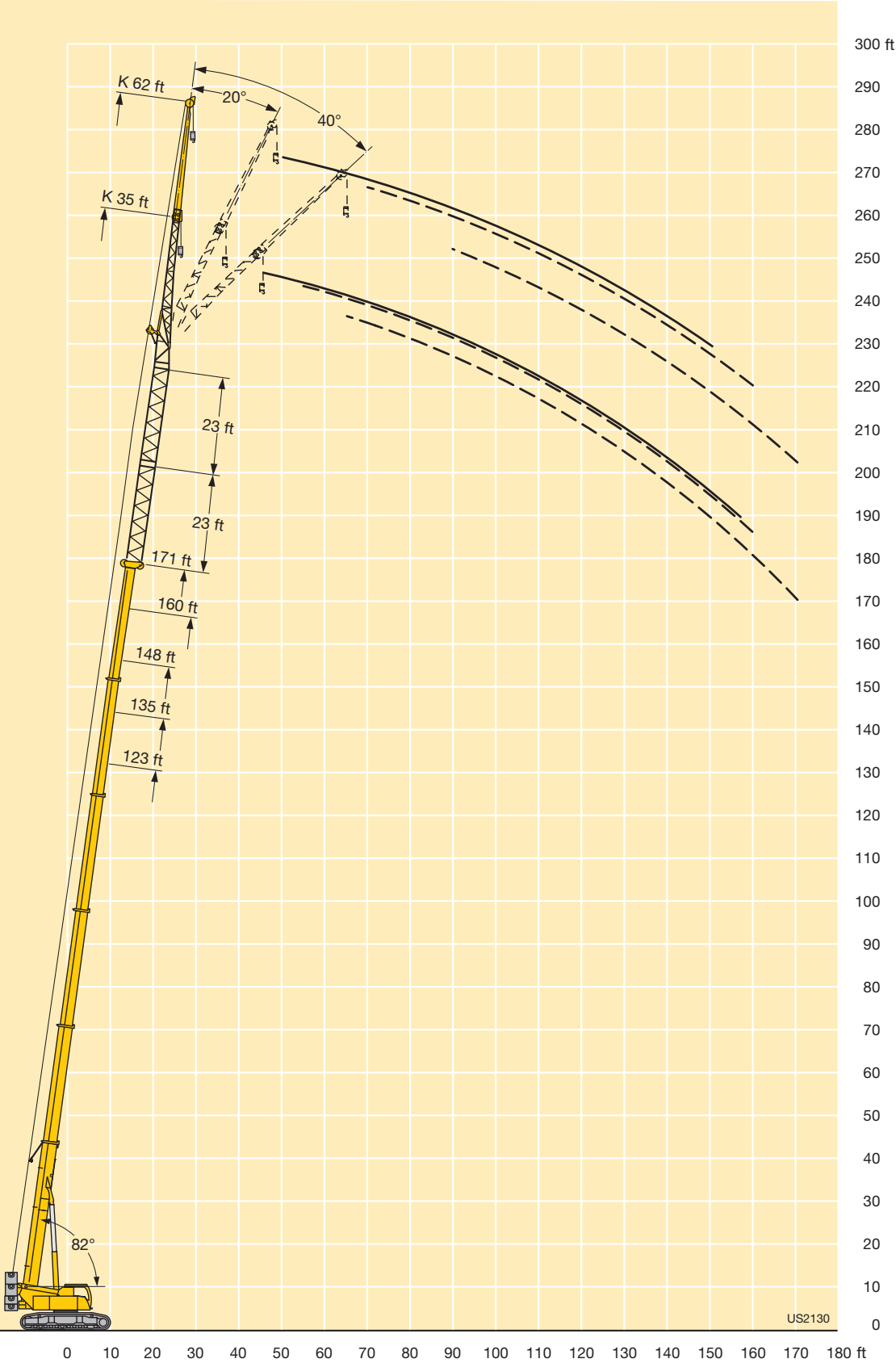
      																
ft	38 ft + 46 ft			162 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	6															22
24	5.9															24
26	5.8															26
28	5.7															28
30	5.6															30
32	5.5															32
34	5.3															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












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

<div><div>38 – 171 ft</div><div>23 ft</div><div>35 ft</div><div>360°</div><div>70500 lbs</div><div>33100 lbs</div><div>85%</div></div>																
 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

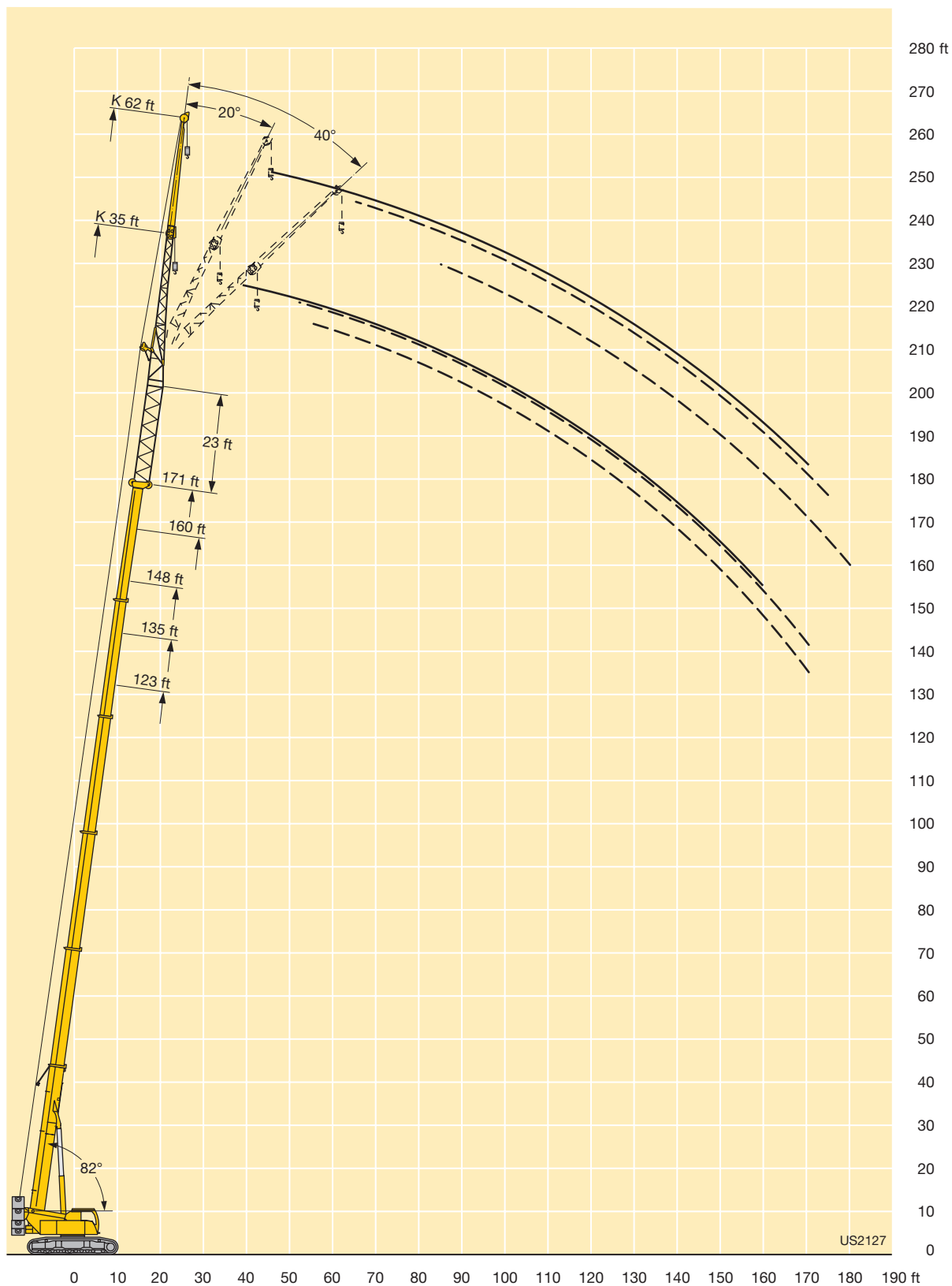
### Forces de levage à la fléchette pliante à variation hydraulique avec télescope rallongé

<div><div></div><div></div><div></div><div></div><div></div><div></div><div>85%</div></div>																
 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

<div><div></div><div></div><div></div><div></div><div></div><div></div><div>85%</div></div>																
 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

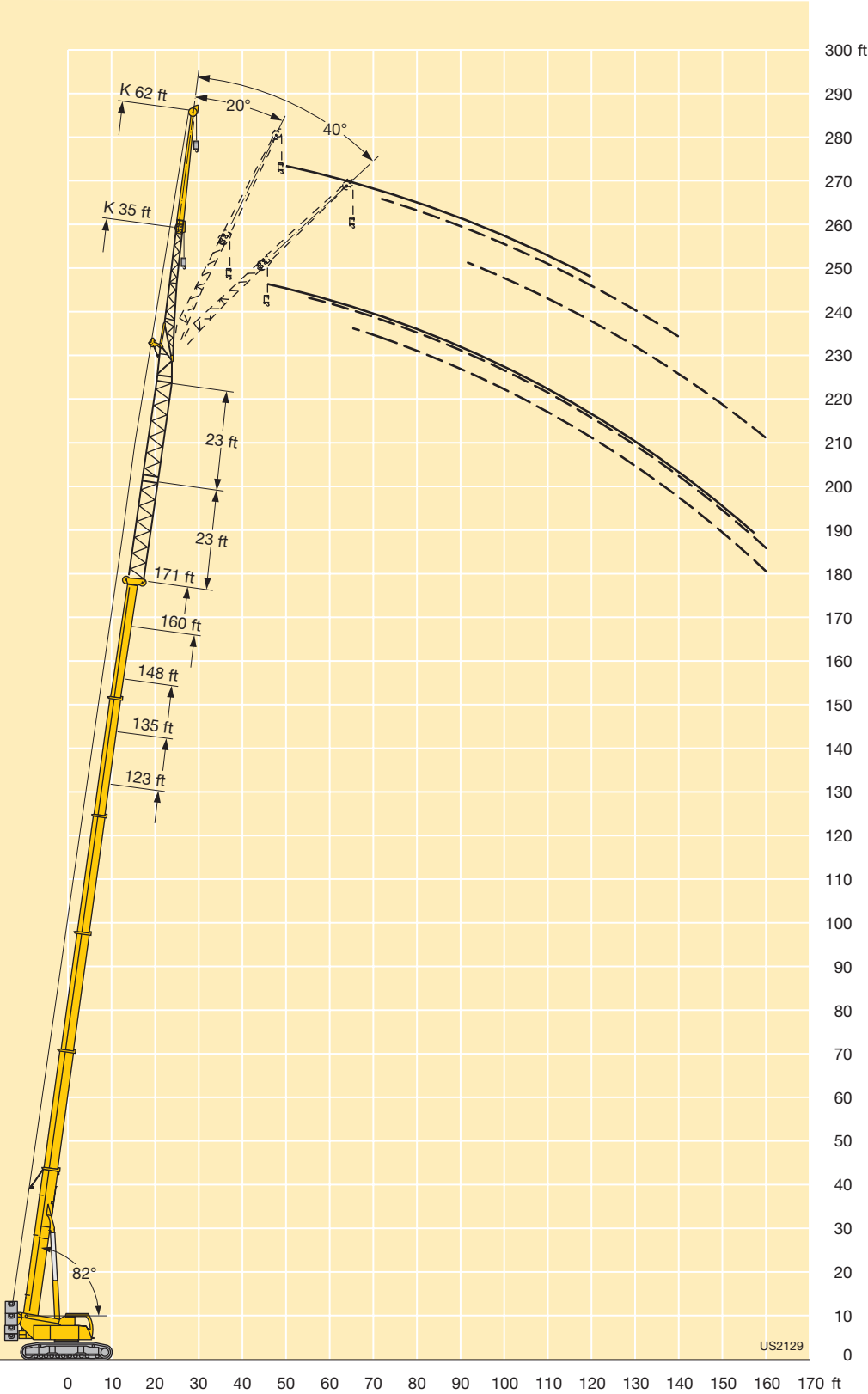
## Forces de levage à la fléchette pliante à variation hydraulique avec télescope rallongé

      																
ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			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

<div><div><div>38 – 171 ft</div><div>10 ft</div><div>360°</div><div>70500 lbs</div><div>33100 lbs</div><div>85%</div></div></div>													
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

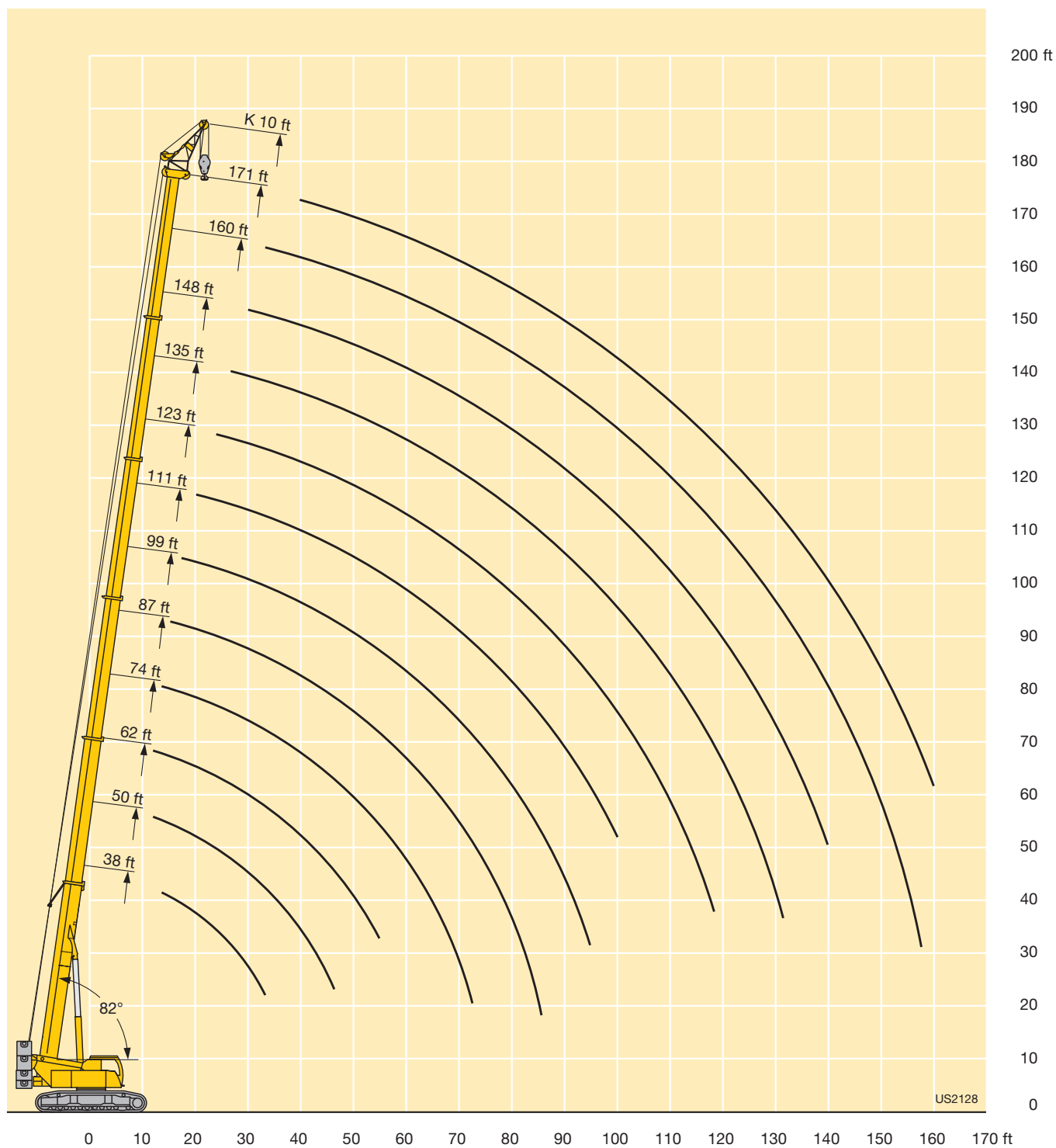
TAB 1752134

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

													
	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 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

<b>Frame</b>	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.
<b>Tracks</b>	Maintenance free crawler tracks with 2'11" wide triple grouser track pads.
<b>Travel drive</b>	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.
<b>Central ballast</b>	33080 lbs, placement blocks at 16540 lbs each, mounting on crawler center section.

#### Crane superstructure

<b>Frame</b>	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.
<b>Crane engine</b>	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.
<b>Crane drive</b>	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.
<b>Control</b>	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.
<b>Hoist gear</b>	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
<b>Luffing gear</b>	1 differential ram with safety check valves.
<b>Slewing gear</b>	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake, slewing gear invertible.
<b>Crane cab</b>	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tilttable backwards.
<b>Safety devices</b>	LICCON safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.

<b>Telescopic boom</b>	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.
<b>Counterweight</b>	57320 lbs
<b>Electrical system</b>	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.
<b>Lateral inclination</b>	0.3°, 1.5°, 2.5° and 4° lateral inclination on tables for the telescopic boom and 9'6" folding jib.

#### Additional equipment

<b>Swing-away jib</b>	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).
<b>Erection jib</b>	9'6" with steel cable pulleys.
<b>2<sup>nd</sup> hoist gear</b>	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
<b>Additional counterweight</b>	13240 lbs for a total counterweight of 70540 lbs.
<b>Jack-up cylinder incl. folding brackets</b>	For crawler removal, flatbed trailer transit height 3'7", flatbed trailer transit width 9'10".
<b>Track pads</b>	2'11" flat track pads.

Other items of equipment available on request.



## Technical description Description techniques

### Train de chenilles

<b>Châssis</b>	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.
<b>Train de roulement</b>	Train de roulement sans entretien, muni de tuiles à 3 nervures, de 2'11" de large.
<b>Transmission</b>	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.
<b>Contrepoids central</b>	33080 lbs, blocs de suspension de 16540 lbs chacun, fixation sur la partie centrale du train de roulement.

### Partie tournante

<b>Cadre</b>	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.
<b>Moteur</b>	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.
<b>Entraînement de la grue</b>	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.
<b>Direction</b>	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.
<b>Mécanisme de levage</b>	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.
<b>Mécanisme de relevage</b>	1 vérin différentiel avec soupapes de retenu.
<b>Dispositif de rotation</b>	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort, mécanisme d'orientation commutable.

<b>Cabine du grutier</b>	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.
<b>Dispositif de sécurité</b>	Contrôleur de charge «LICCON», système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
<b>Flèche télescopique</b>	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.
<b>Contrepoids</b>	57320 lbs
<b>Installation électrique</b>	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.
<b>Inclinaison latérale</b>	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

<b>Fléchette pliante</b>	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).
<b>Fléchette de montage</b>	9'6" avec poulies de câble en acier.
<b>2ème mécanisme de levage</b>	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
<b>Contrepoids supplémentaire</b>	13240 lbs pour un contrepoids total de 70540 lbs.
<b>Vérin Jack-up, consoles rabattables incl.</b>	Pour le démontage des chenilles, hauteur de passage des remorques surbaissées 3'7" m, largeur de passage des remorques surbaissées 9'10".
<b>Tuiles</b>	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 avec un moufle complémentaire.
9. Inclinaison latérale  $\pm 0,3^\circ$ .