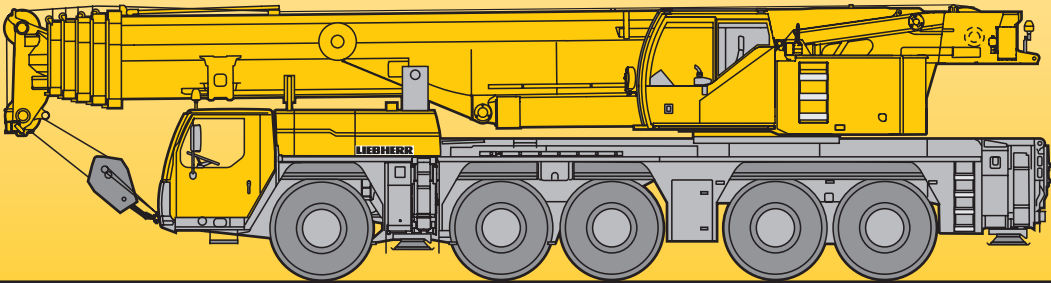




Mobile Crane Grue automotrice

LTM 1220-5.2







Technical Data
Caractéristiques techniques



LIEBHERR



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

																							
		44 ft		58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft									
*																							
10	514	335	308	306	306											10							
12	326	326	305	301	298											12							
14	294	294	284	276	270	249										14							
16	267	267	259	252	247	238										16							
18	248	248	241	234	229	222	196									18							
21	222	222	216	210	205	202	191	141								21							
24	200	200	196	191	187	184	179	139	112							24							
27	179	179	179	175	172	168	164	131	111	91						27							
30	160	160	165	161	159	155	151	124	107	90.5	73					30							
33	137	137	151	149	147	143	140	117	103	87.5	73					33							
36	102	102	139	138	137	134	130	110	98.5	84.5	71	59.7				36							
39			128	129	128	125	121	103	94	81	69	58.5	48.5			39							
45			104	113	113	111	107	92.5	85.5	75	64.5	55.6	46.8			45							
51				99	99.5	98	95.5	82.5	78	69	60	52.3	44.6			51							
57				83	86	85	83.5	75.5	71	64	56.1	49.2	42.2			57							
63					75	74	72.5	70.5	65	59.4	52.6	46.1	39.8			63							
69					66	65.5	63.5	64.5	59.7	54.9	49.4	43.4	37.5			69							
75					49.8	58.1	57.9	58.2	54.9	51	46.4	41	35.5			75							
81						52.1	53.7	52.1	50.2	47.7	43.6	38.6	33.6			81							
87						44.3	48.5	46.8	45.3	44.8	41.1	36.3	31.7			87							
93							44.1	42.3	41.6	41.5	38.6	34.5	30			93							
99							39.8	38.4	39.2	37.6	36.4	32.6	28.5			99							
105								35	35.8	34.1	33.8	30.8	27			105							
111								33.1	32.8	31.1	31.3	29.4	25.6			111							
117								28	30.1	29.2	28.7	28	24.4			117							
123									27.7	27.4	26.3	25.8	23.3			123							
129									24.8	25.5	24.5	23.7	22.2			129							
135										23.6	22.9	21.7	21.1			135							
141										21.2	21.3	20	19.9			141							
147											19.7	18.3	18.5			147							
153											18	16.9	17			153							
159												15.5	15.7			159							
165													14.3	14.4		165							
171														13.2		171							
177														12.2		177							
183														10.6		183							



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

<div><div><div><div><div><div></div><div>44 – 197 ft</div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div>360°</div></div><div><div></div><div>119000 lbs</div></div><div><div></div><div>85%</div></div></div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div></div></div></div></div>													
<div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	<div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> ft
10	335	308	306	306									10
12	326	305	301	298									12
14	294	284	276	270	249								14
16	267	259	252	247	238								16
18	248	241	234	229	222	196							18
21	222	216	210	205	202	191	141						21
24	200	196	191	187	184	179	139	112					24
27	179	179	175	172	168	164	131	111	91				27
30	160	164	161	159	154	149	124	107	90.5	73			30
33	137	149	149	147	140	132	117	103	87.5	73			33
36	102	133	135	132	125	118	110	98.5	84.5	71	59.7		36
39		120	121	119	113	107	102	94	81	69	58.5	48.5	39
45		98	100	99	94.5	89.5	88.5	84	75	64.5	55.6	46.8	45
51			83.5	83.5	80.5	78	76	72	69	60	52.3	44.6	51
57			71.5	71.5	69.5	69.5	66	62.5	61.5	56.1	49.2	42.2	57
63				62	61	61.5	57.9	56.5	54.5	51.9	46.1	39.8	63
69				54.5	53.4	54.6	51.2	51.2	48.2	47.2	43.4	37.5	69
75				43.9	47.4	48.7	46.6	45.7	43.5	42.4	40.4	35.5	75
81					42.5	43.5	43.3	41.1	40	38.3	36.7	33.6	81
87					37.5	39	39.5	37.1	36.3	35.2	33	31.7	87
93						35.3	35.7	33.9	32.9	31.9	29.7	29.6	93
99						33	32.4	31.7	30	29	26.9	26.8	99
105							29.4	29.3	28	26.4	24.4	24.3	105
111							26.8	26.7	25.7	24.2	22.2	22.1	111
117							24.6	24.3	23.4	22.1	20.2	20.1	117
123								22.2	21.3	20.2	18.4	18.4	123
129								20.4	19.4	18.4	16.8	16.7	129
135									17.7	16.7	15.2	15.3	135
141									16.1	15.1	13.7	13.9	141
147										13.7	12.3	12.5	147
153										12.5	11	11.2	153
159											9.8	10	159
165											8.8	8.9	165
171												7.9	171
177												7	177
183												6.2	183

TAB 172264







[illegible]



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

<div><div><div><div><div><div></div><div>44 – 197 ft</div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div></div><div><div><div></div><div>360°</div></div></div><div><div><div></div><div>75000 lbs</div></div></div><div><div><div></div><div>85%</div></div></div></div></div></div></div>													
<div><div><div></div><div></div><div></div></div><div>ft</div></div>	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	<div><div><div></div><div></div><div></div></div><div>ft</div></div>
10	335	308	306	306									10
12	326	305	301	298									12
14	294	284	276	270	249								14
16	267	259	252	247	238								16
18	248	241	234	229	222	192							18
21	220	216	208	202	193	179	141						21
24	192	191	182	173	162	150	136	112					24
27	165	162	156	147	138	129	122	111	91				27
30	139	140	134	127	120	113	110	104	90.5	73			30
33	120	122	118	112	106	102	98	92	87.5	73			33
36	101	108	104	99.5	94	93.5	88	82.5	79.5	71	59.7		36
39		96.5	93.5	89.5	85	84.5	79.5	77	73.5	69	58.5	48.5	39
45		77.5	77.5	74	71.5	70.5	68.5	65	63	59.8	55.6	46.8	45
51			65	64.5	60.5	60	58.9	56.8	54.6	52	49	44.6	51
57			55	56.1	51.7	52.9	50.8	49.4	47.4	45.1	42.3	41	57
63				48.5	45.7	46.7	44.7	43.2	41.3	39.2	36.6	36.3	63
69				42	41.3	41.3	39.6	38	36.2	34.2	31.8	31.6	69
75				36.9	37.1	36.7	35.1	33.6	31.9	30.1	27.8	27.6	75
81					32.7	32.7	31.3	29.9	28.3	26.5	24.3	24.2	81
87					29	29.1	28	26.7	25.1	23.5	21.4	21.3	87
93						25.9	25.2	23.9	22.4	20.8	18.8	18.8	93
99						23.1	22.5	21.5	20.1	18.5	16.5	16.5	99
105							20	19.4	18	16.5	14.6	14.6	105
111							17.9	17.3	16.2	14.7	12.8	12.8	111
117							16.1	15.4	14.5	13.1	11.2	11.3	117
123								13.8	12.8	11.7	9.8	9.9	123
129								12.4	11.3	10.3	8.6	8.6	129
135									10	9	7.4	7.5	135
141									8.8	7.8	6.3	6.4	141
147										6.7	5.2	5.4	147
153										5.7	4.2	4.4	153
159											3.3	3.5	159






TAB 172267

								<div>85%</div>														
 ft	44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	 ft									
10	335	308	306	306									10									
12	326	305	301	298									12									
14	294	284	276	270	249								14									
16	267	259	252	243	228								16									
18	244	236	224	213	197	157							18									
21	207	197	183	172	159	146	125						21									
24	169	159	152	142	132	125	119	98.5					24									
27	139	134	127	120	113	110	102	96	82.5				27									
30	118	114	109	104	99	96	90	87	81.5	69.5			30									
33	101	99	95.5	91	87	84.5	82	77.5	73.5	69.5			33									
36	86	87	84.5	83.5	77	75.5	73.5	70	67	64	59.6		36									
39		77.5	76	75	69	70	66.5	64	61	57.6	53.8	48.5	39									
45		62	62.5	61.5	59.4	58	55.4	53	50.4	47.6	44.3	43.1	45									
51			51.9	51.5	50.2	48.6	46.6	44.5	42.2	39.8	36.9	36.4	51									
57			43.1	43.8	42.6	41.4	39.6	37.8	35.8	33.7	31	30.7	57									
63				37.5	36.7	35.7	34.1	32.5	30.7	28.7	26.3	26.1	63									
69				32.2	31.9	31	29.6	28.1	26.5	24.6	22.4	22.3	69									
75				27.9	27.9	27.2	25.8	24.5	22.9	21.2	19.1	19	75									
81					24.2	24	22.7	21.4	20	18.3	16.3	16.3	81									
87					21.1	21.2	20	18.8	17.4	15.9	13.9	13.9	87									
93						18.5	17.7	16.6	15.2	13.7	11.8	11.8	93									
99						16.2	15.6	14.6	13.3	11.8	9.9	10	99									
105							13.6	12.9	11.6	10.2	8.3	8.4	105									
111							11.9	11.3	10.1	8.7	6.9	7	111									
117							10.4	9.8	8.8	7.4	5.6	5.7	117									
123								8.4	7.5	6.2	4.5	4.6	123									
129								7.3	6.2	5.2	3.5	3.5	129									
135									5.2	4.1			135									
141									4.2	3.1			141									

TAB 172269








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

 ft		<div><div>44 – 197 ft</div><div></div><div></div><div></div><div>85%</div></div>												 ft	
ft		44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft	
10	329	297	297	278										10	
12	297	292	291	267										12	
14	269	269	257	225	192									14	
16	242	235	211	192	173									16	
18	211	198	180	165	149	122								18	
21	166	154	144	132	122	114	94.5							21	
24	132	126	118	110	103	98	91	76.5						24	
27	107	105	99.5	93.5	87.5	85	80.5	74.5	63.5					27	
30	86	89	85.5	83.5	76	75	70	66.5	62.5	51.5				30	
33	71.5	76	74.5	72.5	69	66	62	58.5	55	51.2				33	
36	60	64.5	65	63.5	61	58.4	55.3	52	48.9	45.5	41.6			36	
39		55.3	57.5	56.6	54.5	52.3	49.5	46.7	43.9	40.8	37.3	36		39	
45		42.2	44.5	45.9	44.4	42.7	40.5	38.2	35.8	33.3	30.3	29.7		45	
51			35.3	37	36.7	35.4	33.6	31.7	29.6	27.4	24.7	24.3		51	
57			28.6	30.2	30.5	29.8	28.2	26.5	24.7	22.7	20.2	20		57	
63				25.1	25.4	25.3	23.9	22.4	20.8	18.9	16.6	16.5		63	
69				21.1	21.3	21.5	20.4	19	17.5	15.8	13.6	13.6		69	
75				17.9	18.1	18.2	17.5	16.2	14.8	13.1	11.1	11.1		75	
81					15.3	15.5	14.9	13.8	12.5	10.9	8.9	8.9		81	
87					13	13.1	12.6	11.8	10.5	9	7	7.1		87	
93						11.1	10.6	10	8.7	7.3	5.4	5.5		93	
99						9.5	8.9	8.4	7.2	5.8				99	
105							7.4	6.9	5.9					105	
111							6.2	5.7	4.7					111	
117							5.1	4.5	3.7					117	
123								3.6						123	
129								2.8						129	

TAB 172361

TAB 172361

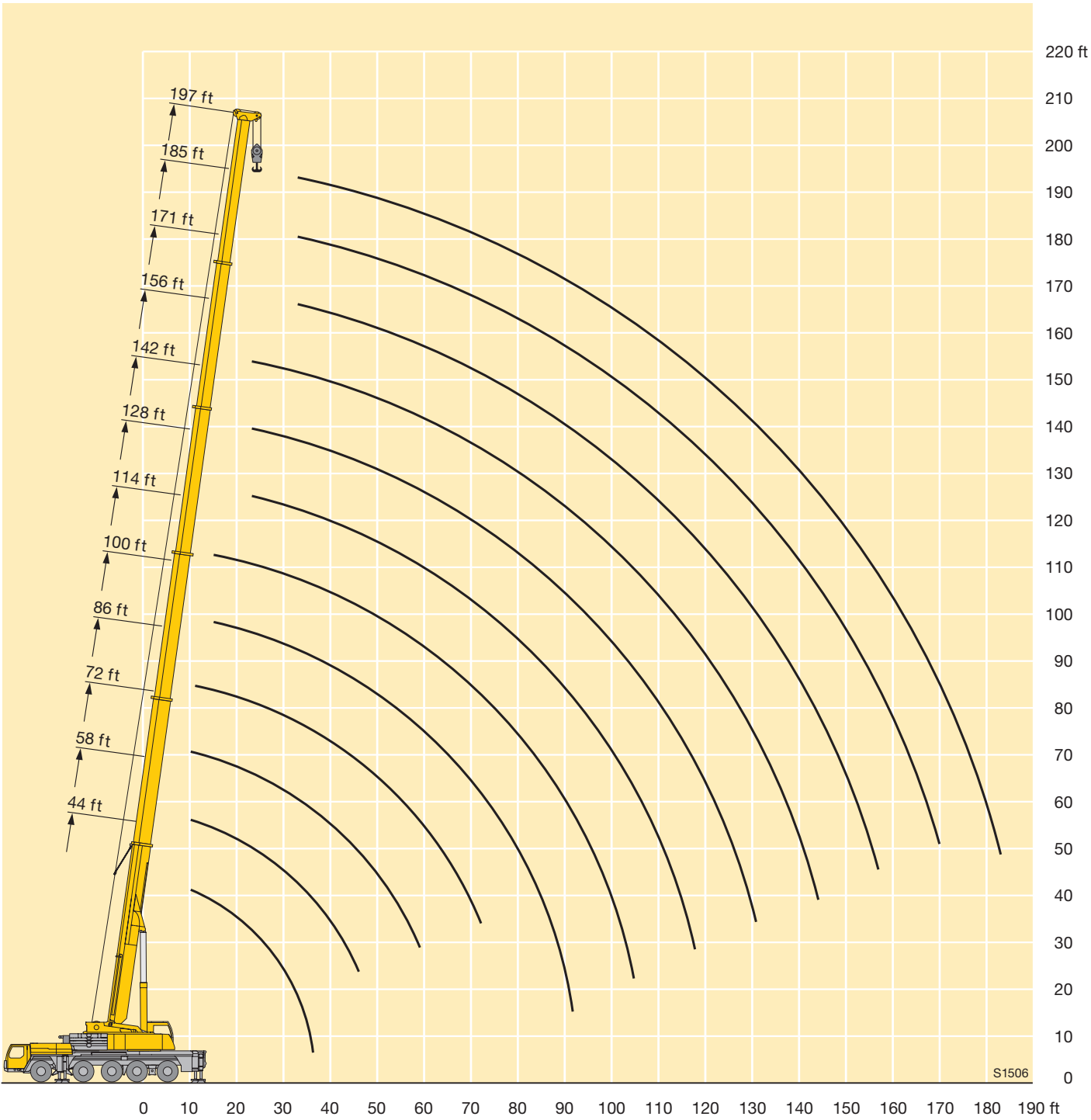
 ft		<div>44 – 197 ft</div> <div></div> <div></div> <div></div> <div>85%</div>												 ft	
ft		44 ft	58 ft	72 ft	86 ft	100 ft	114 ft	128 ft	142 ft	156 ft	171 ft	185 ft	197 ft	ft	
10	327	297	295	231										10	
12	294	283	254	219										12	
14	255	227	199	176	142									14	
16	201	180	161	144	129									16	
18	163	149	135	124	111	92.5								18	
21	120	113	106	100	90	85.5	68.5							21	
24	92.5	88.5	84.5	80.5	75.5	70	65	52.7						24	
27	73	71.5	69	66.5	63	59	54.9	50.8	41.3					27	
30	58.6	58.8	57.6	56.2	53.5	50.5	47.1	43.7	40.4	32.3				30	
33	46.6	49.4	49	48.2	46.1	43.7	40.9	38	35.1	32				33	
36	37.9	42.2	42.1	41.8	40.2	38.2	35.8	33.3	30.8	27.9	24.6			36	
39		35.8	36.7	36.7	35.3	33.8	31.6	29.4	27.1	24.5	21.5	20.7		39	
45		26.3	28.5	28.9	27.9	26.8	25	23.2	21.3	19.1	16.4	16.1		45	
51			22	23.1	22.4	21.5	20	18.5	16.7	14.8	12.4	12.3		51	
57			16.9	18.6	18.1	17.4	16.1	14.8	13.2	11.4	9.2	9.2		57	
63				14.8	14.8	14.2	13	11.8	10.3	8.7		6.6		63	
69				11.7	11.9	11.6	10.5	9.3	8	6.4				69	
75				9.3	9.5	9.4	8.4	7.3						75	
81					7.4	7.6	6.6							81	
87					5.8	5.9								87	

TAB 172362

TAB 172362











Lifting heights
Hauteurs de levage













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

		 44 – 197 ft			 40 ft						 360°			 163100 lbs			 85%		
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
10	46.3			46.3			46.3												10
12	46.3			46.3			46.3												12
14	46.3			46.3			46.3												14
16	46.3			46.3			46.3			46.3									16
18	46.3			46.3			46.3			46.3			46.3						18
21	46.3	41.4		46.3	42.4		46.3			46.3			46.3			46.3			21
24	46.3	38.7		46.3	41.4		46.3	40.3		46.3			46.3			46.3			24
27	46.3	36		46.3	38.7		46.3	39.7		46.3			46.3			46.3			27
30	46.3	34.1	25.7	46.3	36.3		46.3	37.6		46.3	38.8		46.3	37.6		46.3			30
33	46.3	32.7	25.7	46.3	34.6	25.7	46.3	35.8		46.3	37		46.3	37.5		46.3			33
36	45.9	31.5	25.7	46.3	33	25.7	46.3	34.2	25.7	46.3	35.2		46.3	35.9		46.3	36.6		36
39	42	29.8	25.7	46.3	32.5	25.7	46.3	32.9	25.7	46.3	34.1	25.7	46.3	34.8		46.3	35.3		39
45	36.3	27.1	24.6	43.1	29.7	25.4	45.6	31.1	25.7	46.3	32.2	25.7	44.6	32.6	25.7	45	33.1	25.7	45
51	31.7	24.9	23.4	38.4	27.4	24.3	41.5	28.9	24.9	44.2	30.2	25.3	40.9	30.8	25.5	42	31.2	25.7	51
57	28	23.1	22.6	33.9	25.5	23.4	37.5	27	24	40.8	28.3	24.6	37.3	29.2	24.8	38.8	29.6	25.2	57
63	25.1	21.7	22.2	30.3	23.8	22.7	34.1	25.4	23.3	37.4	26.7	23.8	34.2	27.6	24.1	35.8	28.4	24.5	63
69	22.6	20.8		27.4	22.4	22.3	31.1	24	22.7	34.4	25.3	23.2	31.5	26.3	23.5	33.2	27.1	23.9	69
75				24.9	21.4	22.1	28.6	22.9	22.3	31.8	24.1	22.7	29.1	25.1	23	31	25.9	23.4	75
81				22.8	20.7		26.3	21.9	22.1	29.4	23.1	22.3	27.1	24	22.6	28.9	24.9	23	81
87							24.3	21.1	22.1	27.4	22.2	22.1	25.2	23.1	22.2	27.1	24	22.6	87
93							22.7	20.6		25.6	21.5	22.1	23.5	22.3	21.8	25.5	23.1	22.3	93
99										24	20.9	22.1	22	21.4	21.4	23.9	22.3	21.8	99
105										22.6	20.5		20.6	20.3	20.4	22.6	21.6	21.3	105
111										21.3	20.2		19.4	19.2	19.4	21.5	20.7	20.6	111
117										20.4			18.4	18.2	18.5	20.3	19.8	19.9	117
123													17.3	17.3		19.3	18.9	19.1	123
129													16.5			18.4	18.2	18.4	129
135																17.5	17.4		135
141																16.8			141

TAB 172270 / 172277 / 172284

TAB 172270 / 172277 / 172284

		 44 – 197 ft			 40 ft						 360°			 163100 lbs			 85%		
 ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			 ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
24	46.3			46.3															24
27	46.3			46.3															27
30	46.3			46.3			45.3			39									30
33	46.3			46.3			45.1			39									33
36	46.3			46.3			44.6			38.8									36
39	45.7	35.2		46.3			44.2			38.8			33						39
45	43.1	33.3		46.3	35.2		43.5	35.7		38.4			32.8			28.6			45
51	40.3	31.5	25.7	45.9	33.7	25.7	42.7	34		38	33.2		32.6			28.4			51
57	37.5	30	25.3	44.7	32.1	25.7	41.8	32.1	25.5	37.3	32.1		32.2	29.6		28			57
63	34.8	28.8	24.7	42.8	30.8	25.4	40.8	30.7	25.3	36.3	30.7	25.3	31.7	29.3		27.7	26		63
69	32.1	27.6	24.1	40.7	29.5	24.8	39.4	29.6	24.9	35.2	29.6	25	30.9	28.5	24.5	27.1	25.6	23.8	69
75	29.9	26.5	23.6	38.6	28.3	24.3	37.7	28.7	24.4	33.9	28.6	24.5	29.7	27.6	24.3	26	24.7	23.4	75
81	27.9	25.4	23.2	36.5	27.2	23.8	36	27.7	24.1	32.3	27.6	24.1	28.4	26.8	23.9	24.9	23.7	22.5	81
87	26	24.4	22.8	34.3	26.1	23.4	34.3	26.7	23.7	30.6	26.6	23.7	27.1	25.9	23.7	23.8	22.9	21.7	87
93	24.3	23.4	22.3	32.2	25.3	23.1	32.6	25.8	23.4	29	25.9	23.4	25.9	24.8	23.2	22.8	22.1	21.1	93
99	23	22.3	21.8	30.2	24.4	22.8	30.9	25	23	27.5	25.1	23.2	24.7	23.9	22.7	21.7	21.2	20.3	99
105	21.6	21.2	21.1	28.6	23.7	22.6	29.2	24.3	22.8	26.2	24.3	23	23.5	22.9	22	20.7	20.4	19.6	105
111	20.2	20	20.1	27.1	23.1	22.4	27.7	23.6	22.7	24.9	23.5	22.8	22.4	22	21.2	19.6	19.5	18.9	111
117	19.2	18.9	19	25.5	22.5	22.1	26.4	23	22.5	23.6	22.7	22.1	21.4	21.1	20.5	18.7	18.6	18.2	117
123	18.1	18	18.1	24.2	22	22.1	24.8	22.5	22.3	22.5	21.9	21.5	20.4	20.2	19.7	17.8	17.8	17.5	123
129	17.1	17.1	17.3	23	21.4	22.1	22.8	22	22	21.4	21.1	20.8	19.4	19.3	19	17	17	16.8	129
135	16.2	16.2	16.4	21.8	20.8	21.6	20.9	21.4	21.7	20.4	20.3	20.1	18.6	18.4	18.3	16.1	16.2	16.2	135
141	15.4	15.4	15.6	20.5	20.1	20.7	19.1	20.1	20.6	19.2	19.4	19.3	17.8	17.6	17.6	15.3	15.5	15.5	141
147	14.6	14.7		19	19.3	19.7	17.9	18.4	18.9	17.8	18.4	18.5	17	16.9	16.9	14.7	14.7	14.8	147
153	13.9			17.5	18.1	18.3	17	17.1	17.4	16.3	17.2	17.5	16.3	16.3	16.2	14	14.1	14.2	153
159				16.2	16.7		16.1	16.2	16.4	15	15.7	16.2	15.4	15.6	15.6	13.4	13.5	13.6	159
165				14.9	15.3		15.1	15.4	15.6	14.3	14.5	14.8	14.2	14.8	14.9	12.7	12.8	13	165
171							13.9	14.4		13.6	13.8	13.9	13	13.7	14.1	12.1	12.2	12.4	171
177							12.9	13.2		13.1	13.2	13.3	11.9	12.6	12.8	11.6	11.7	11.8	177
183							11.4	11.6		12.3	12.6	12.7	10.9	11.5	11.7	10.7	11.2	11.4	183
189										11.4	11.7		10	10.5	10.7	9.8	10.4	10.6	189
195										9.6			9.2	9.6	9.7	9	9.5	9.6	195
207													7.2	7.9		7.4	7.8	7.8	207


TAB 172270 / 172277 / 172284

Lifting capacities on the folding jib

Forces de levage à la fléchette pliante

44 – 197 ft



72 ft



360°

163100 lbs

85%

 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
12	23.4																		12
14	23.4			23.4															14
16	23.4			23.4			23.3												16
18	23.4			23.4			23.3			22.6									18
21	23.4			23.4			23.2			22.5			21.6			21.1			21
24	23.4			23.4			23			22.3			21.6			21			24
27	23.3			23.4			23			22.3			21.5			20.8			27
30	23.2			23.4			23			22			21.3			20.6			30
33	22.7			23.3			22.7			21.8			21.3			20.6			33
36	22.1			23			22.4			21.8			21.3			20.4			36
39	21.6	18.7		22.5			22.1			21.7			21.1			20.4			39
45	20.5	17.6		21.5	18		21.3	17.7		21.2			20.6			20.2			45
51	19.3	16.6		20.5	17.2		20.5	17.1		20.5	17		20	16.7		19.7			51
57	18.1	15.7		19.5	16.3		19.7	16.3		19.8	16.5		19.5	16.2		19.3	16		57
63	17	15	12.9	18.4	15.6	12.9	18.8	15.7	12.9	19	15.9		18.9	15.8		18.8	15.8		63
69	16	14.2	12.5	17.5	15	12.7	17.9	15.2	12.7	18.3	15.3	12.6	18.3	15.3	12.6	18.2	15.3		69
75	15	13.5	12.1	16.5	14.3	12.4	17.1	14.5	12.4	17.5	14.8	12.5	17.6	14.8	12.4	17.7	14.8	12.3	75
81	14	12.9	11.8	15.6	13.7	12.1	16.3	14	12.1	16.8	14.2	12.2	17	14.3	12.2	17.2	14.4	12.2	81
87	13.1	12.4	11.6	14.7	13.1	11.8	15.5	13.5	11.9	16.1	13.7	11.9	16.3	13.9	11.9	16.6	14	11.9	87
93	12.1	12	11.5	13.9	12.7	11.6	14.8	13	11.7	15.5	13.3	11.8	15.7	13.4	11.8	16	13.6	11.8	93
99	11.2	11.7		13	12.3	11.5	14	12.6	11.5	14.8	12.9	11.6	15.2	13.1	11.6	15.4	13.2	11.6	99
105				12.2	11.9	11.5	13.3	12.2	11.4	14.2	12.5	11.4	14.6	12.7	11.4	15	12.9	11.5	105
111				11.3	11.7	11.5	12.6	12	11.4	13.6	12.2	11.4	14.1	12.4	11.4	14.5	12.6	11.3	111
117				10.5	11.6		11.9	11.7	11.4	13	12	11.4	13.6	12.1	11.3	14	12.3	11.3	117
123							11.2	11.5	11.4	12.3	11.7	11.4	13	11.9	11.3	13.5	12	11.2	123
129							10.6	11.4		11.8	11.6	11.4	12.5	11.7	11.3	13.1	11.8	11.2	129
135										11.2	11.5	11.4	12	11.5	11.3	12.6	11.6	11.2	135
141										10.6	11.4		11.5	11.4	11.3	12.2	11.5	11.2	141
147													11	11.3	11.3	11.8	11.4	11.2	147
153													10.6	11.2		11.4	11.3	11.2	153
159													10.2			11	11.2	11.2	159
165																10.5	11.2		165
171																10.2			171
177																10			177

TAB 172270 / 172277 / 172284



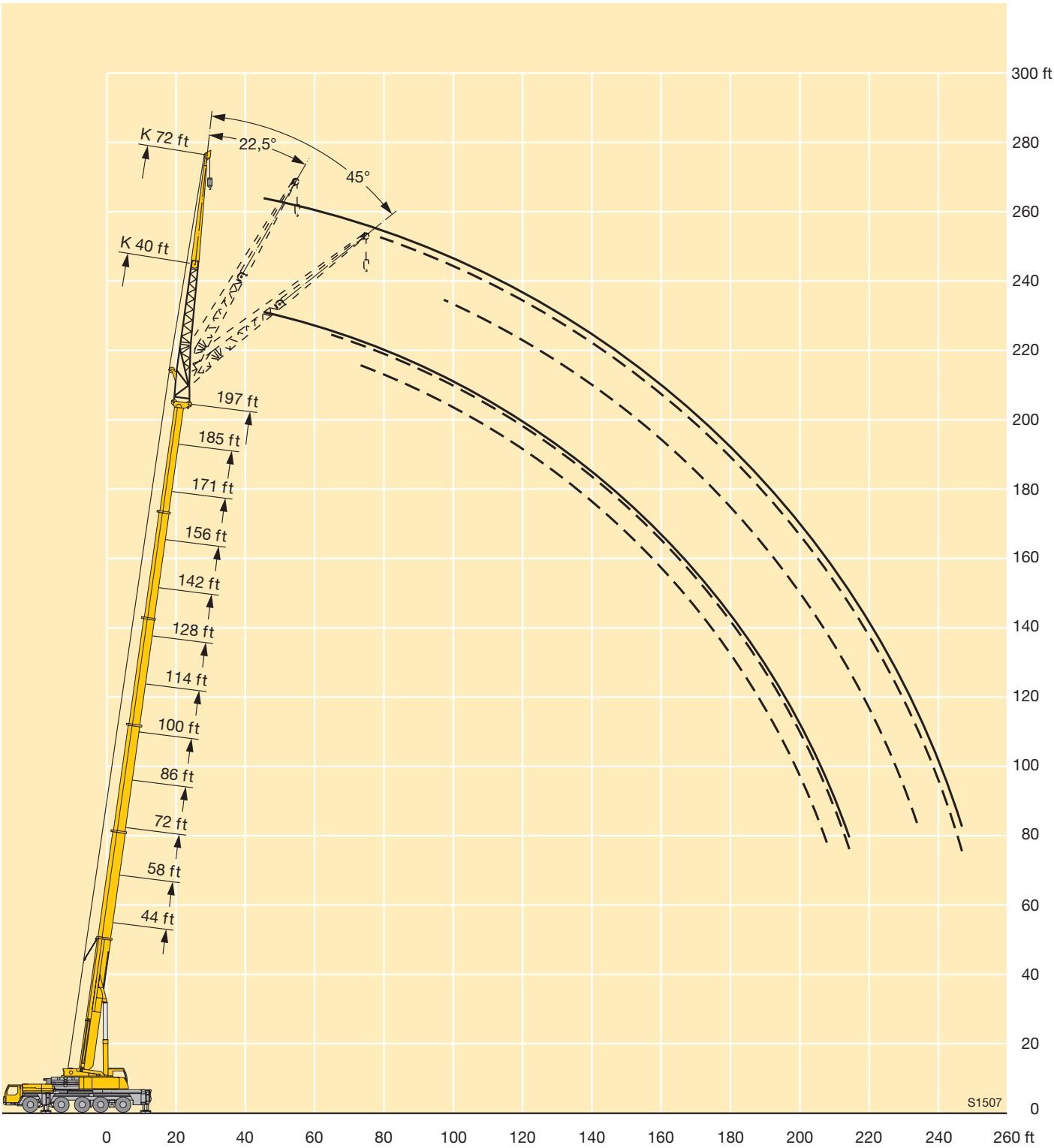
Lifting capacities on the folding jib
Forces de levage à la fléchette pliante

 ft		44 – 197 ft		72 ft				360°		163100 lbs		85%																			
		128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			 ft											
		72 ft			72 ft			72 ft			72 ft			72 ft			72 ft														
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°												
24	19.9																			24											
27	19.9				20.6															27											
30	19.9				20.6			19.6												30											
33	19.6				20.6			19.6												33											
36	19.6				20.6			19.6				18.2								36											
39	19.6				20.6			19.6				18.2			16.3					39											
45	19.5				20.3			19.5				18			16.3			14.8		45											
51	19.1				19.9			19.2				18			16.3			14.8		51											
57	18.7	15.8			19.5	16.3		18.9				17.8			16.3			14.6		57											
63	18.3	15.5			19.1	16		18.5	15.5			17.5			16.1			14.6		63											
69	17.9	15			18.6	15.6		18.1	15.3			17.1	14.6		15.9	13.8		14.6		69											
75	17.4	14.7	12.2	18.2	15.2	12.1	17.7	14.9				16.8	14.5		15.6	13.7		14.5	12.9	75											
81	16.9	14.3	12.1	17.7	14.8	12	17.3	14.6	11.9	16.5	14.1				15.4	13.5		14.3	12.8	81											
87	16.4	13.9	11.9	17.3	14.4	11.9	16.9	14.2	11.8	16.2	13.8	11.7	15.1	13.2	11.2	14.2	12.7			87											
93	16	13.6	11.7	16.8	14	11.9	16.5	13.9	11.6	15.8	13.5	11.6	14.8	13	11.2	14	12.5	10.9		93											
99	15.5	13.2	11.6	16.3	13.7	11.7	16.1	13.6	11.6	15.4	13.2	11.5	14.6	12.7	11.2	13.7	12.3	10.9		99											
105	15	12.9	11.4	15.8	13.3	11.6	15.6	13.3	11.5	15.1	12.9	11.4	14.3	12.5	11.1	13.5	12.1	10.9		105											
111	14.6	12.6	11.3	15.3	13	11.4	15.3	13	11.4	14.8	12.7	11.2	14	12.3	11.1	13.3	11.9	10.9		111											
117	14.1	12.4	11.2	14.9	12.7	11.3	14.8	12.7	11.2	14.4	12.5	11.1	13.7	12.1	11	13.1	11.7	10.8		117											
123	13.7	12.1	11.2	14.4	12.5	11.2	14.4	12.5	11.2	14.1	12.2	11	13.5	11.9	10.9	12.9	11.6	10.7		123											
129	13.3	11.9	11.1	14	12.2	11.1	14.1	12.2	11.1	13.8	12	11	13.2	11.7	10.8	12.7	11.4	10.7		129											
135	13	11.7	11.1	13.7	12	11	13.7	12	11	13.4	11.8	10.9	13	11.6	10.8	12.4	11.3	10.6		135											
141	12.6	11.5	11.1	13.3	11.8	10.9	13.4	11.8	11	13.1	11.7	10.9	12.7	11.4	10.7	12.1	11.1	10.6		141											
147	12.2	11.4	11.1	12.9	11.6	10.9	13	11.6	11	12.9	11.5	10.9	12.5	11.3	10.7	11.8	11	10.6		147											
153	11.8	11.2	11.1	12.6	11.4	10.9	12.7	11.5	10.9	12.6	11.4	10.9	12.2	11.1	10.7	11.5	10.9	10.6		153											
159	11.4	11.1	11.1	12.3	11.3	10.9	12.4	11.3	10.9	12.4	11.2	10.9	12	11	10.7	11.2	10.7	10.6		159											
165	11	10.9	11.1	12	11.2	10.9	12.2	11.2	10.9	12.1	11.1	10.9	11.8	10.9	10.7	10.8	10.5	10.5		165											
171	10.5	10.6	10.9	11.6	11.1	10.9	11.9	11.1	10.9	11.9	11	10.9	11.5	10.8	10.7	10.4	10.3	10.4		171											
177	10	10.2	10.5	11.3	10.9	10.9	11.7	11.1	10.9	11.6	10.9	10.9	11.3	10.7	10.7	10	10.2	10.2		177											
183	9.6	9.8		11	10.9	10.9	11.4	11	10.9	11.4	10.9	10.9	11.1	10.6	10.7	9.5	9.8	10		183											
189	9.3			10.6	10.9	10.5	11	11	10.9	10.7	10.8	10.9	10.7	10.5	10.7	9.1	9.4	9.7		189											
195				10.3	10.9		10.6	10.8	10.9	10	10.6	10.9	10.1	10.3	10.6	8.7	9	9.3		195											
207							9.6	10		9.2	9.3	9.5	8.6	9.4	9.8	8	8.2	8.5		207											
219										8.4	8.6		7.2	7.9	8	6.9	7.5	7.7		219											
231													5.9	6.4		5.6	6.3	6.4		231											
243																4.6	5.1			243											

TAB 172270 / 172277 / 172284










Lifting heights
Hauteurs de levage







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

																										
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft							
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft										
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°								
16	19			18.9															16							
18	18.9			18.9			18												18							
21	18.9			18.9			18			17.2									21							
24	18.9			18.9			17.9			17.1			16.3						24							
27	18.9			18.9			17.7			17			16.3			15.5			27							
30	18.7			18.9			17.7			16.9			16.2			15.5			30							
33	18.5			18.8			17.7			16.7			16			15.5			33							
36	18.2			18.6			17.7			16.7			16			15.3			36							
39	17.8			18.4			17.6			16.5			15.8			15.3			39							
45	16.9			17.6			17.1			16.5			15.8			15.1			45							
51	15.9	13		16.8			16.5			16.3			15.6			14.9			51							
57	14.9	12.4		15.9	12.6		15.7	12.5		15.7			15.2			14.8			57							
63	13.8	11.6		15	12.1		15	12		15	11.7		14.7	11.4		14.5			63							
69	12.9	10.9		14	11.4		14.2	11.4		14.4	11.4		14.2	11.2		14.1	11		69							
75	12	10.2		13.1	10.7		13.4	10.8		13.7	10.9		13.6	10.8		13.6	10.8		75							
81	11.1	9.6	8.1	12.3	10.1	8.1	12.7	10.2	8	13	10.3	8.1	13	10.3		13	10.3		81							
87	10.3	9	7.8	11.5	9.6	8	11.9	9.8	7.9	12.4	9.9	8	12.4	9.9	7.7	12.5	9.9	7.7	87							
93	9.5	8.5	7.4	10.8	9.1	7.7	11.3	9.3	7.7	11.7	9.5	7.7	11.9	9.5	7.7	12	9.6	7.7	93							
99	8.8	8.1	7.2	10	8.6	7.4	10.7	8.9	7.4	11.2	9.1	7.5	11.3	9.1	7.5	11.6	9.2	7.5	99							
105	8.1	7.7	6.9	9.4	8.2	7.2	10	8.5	7.2	10.6	8.7	7.3	10.8	8.8	7.3	11.1	8.9	7.3	105							
111	7.5	7.4	6.8	8.6	7.9	7	9.5	8.1	7	10.1	8.3	7.1	10.4	8.5	7.1	10.6	8.6	7.1	111							
117	6.9	7.1	6.7	8	7.6	6.8	8.9	7.8	6.9	9.6	8	6.9	9.9	8.2	6.9	10.2	8.3	7	117							
123	6.4	6.8		7.5	7.3	6.7	8.3	7.5	6.8	9.1	7.8	6.8	9.5	7.9	6.8	9.8	8.1	6.8	123							
129	6			7	7	6.7	7.8	7.3	6.7	8.6	7.5	6.7	9	7.6	6.7	9.4	7.8	6.7	129							
135				6.5	6.8		7.3	7.1	6.7	8.1	7.3	6.6	8.6	7.4	6.6	9	7.6	6.6	135							
141				6.1			6.9	6.9	6.6	7.6	7.1	6.6	8.2	7.2	6.6	8.6	7.4	6.6	141							
147							6.5	6.8		7.2	6.9	6.6	7.8	7	6.6	8.3	7.2	6.5	147							
153							6.1			6.8	6.7	6.6	7.4	6.9	6.6	7.9	7	6.5	153							
159										6.5	6.7		7	6.7	6.6	7.6	6.8	6.5	159							
165										6.1			6.7	6.6	6.6	7.2	6.7	6.5	165							
171													6.4	6.6		7	6.6	6.5	171							
177													6.1	6.6		6.6	6.5	6.5	177							
183													5.9			6.4	6.5	6.5	183							
189																6.1	6.5		189							
195																5.9	6.4		195							

TAB 172270 / 172277 / 172284

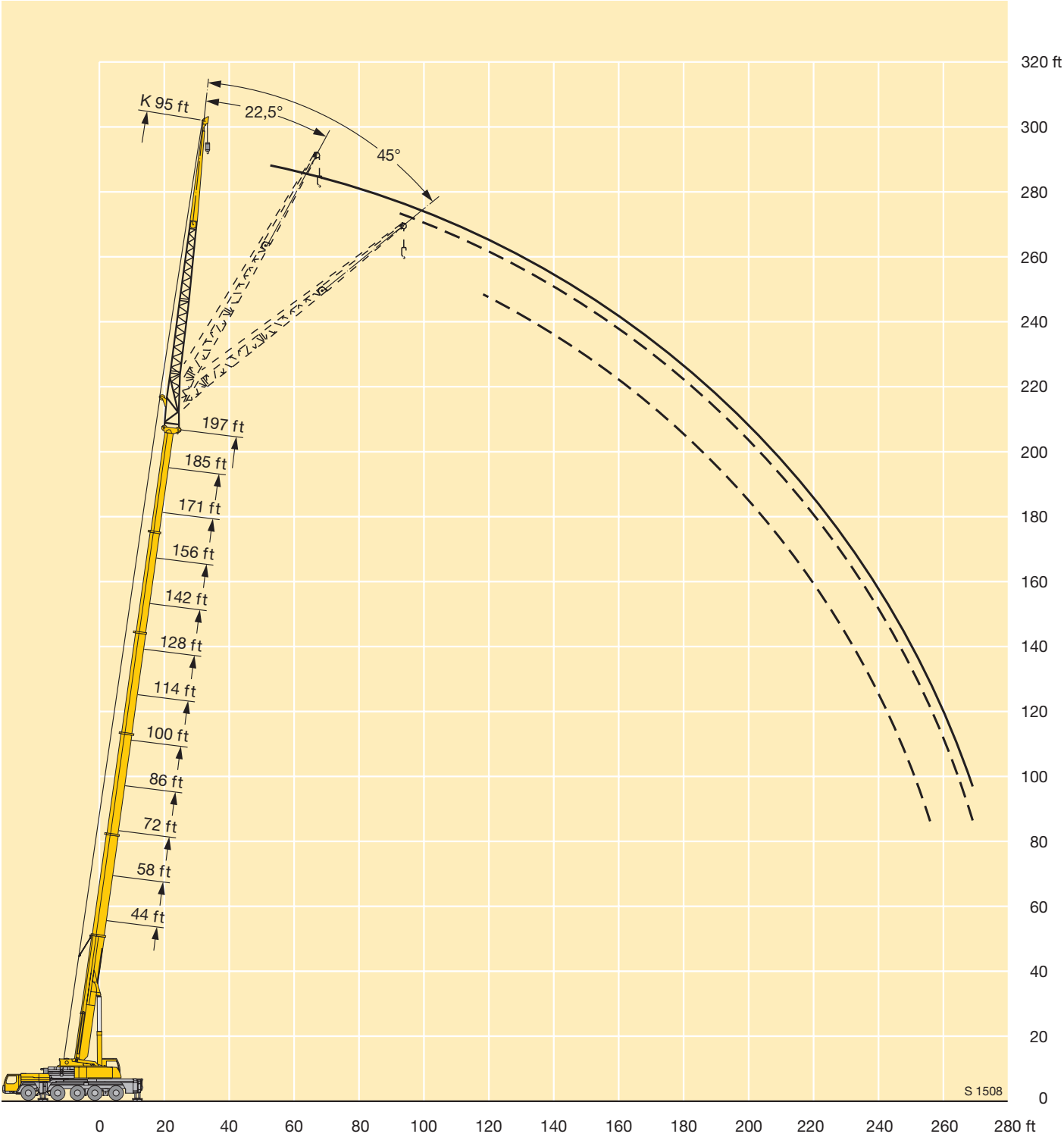


Lifting capacities on the folding jib
Forces de levage à la flèche pliante

 ft		128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			 ft			
		95 ft			95 ft			95 ft			95 ft			95 ft			95 ft						
0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°	
30	14.6				15.5																	30	
33	14.6				15.5																	33	
36	14.6				15.5			14.6														36	
39	14.3				15.5			14.6			13.3											39	
45	14.3				15.5			14.6			13.3		11.9									45	
51	14.3				15.3			14.6			13.3		11.9			10.7						51	
57	14.3				15			14.4			13.3		11.9			10.7						57	
63	14				14.7			14.2			13.2		11.9			10.7						63	
69	13.7	10.7			14.4	11.2		13.9			13		11.8			10.7						69	
75	13.3	10.5			14	11		13.6	10.4		12.7		11.6			10.7						75	
81	12.8	10.2			13.6	10.6		13.2	10.4		12.4	9.7	11.5	9.2		10.6						81	
87	12.4	9.8			13.1	10.2		12.8	10.1		12.1	9.7	11.2	9.2		10.5	8.5					87	
93	11.9	9.5	7.3	12.7	9.9	7.3	12.5	9.8		11.8	9.5		11	9		10.2	8.5					93	
99	11.5	9.2	7.3	12.2	9.6	7.3	12	9.5		11.5	9.2	7	10.7	8.8		10.1	8.2					99	
105	11.1	8.9	7.2	11.8	9.2	7.3	11.6	9.2	7	11.2	8.9	7	10.5	8.6		9.8	8					105	
111	10.7	8.6	7.1	11.4	9	7.1	11.3	8.9	7.1	10.9	8.7	6.8	10.2	8.3	6.6	9.6	8					111	
117	10.3	8.3	6.9	11	8.7	7	10.9	8.6	7	10.5	8.4	6.8	10	8.1	6.6	9.4	7.9	6.3				117	
123	9.9	8.1	6.8	10.6	8.4	6.9	10.6	8.4	6.9	10.2	8.2	6.8	9.7	7.9	6.6	9.2	7.7	6.3				123	
129	9.5	7.8	6.7	10.2	8.2	6.8	10.2	8.2	6.8	9.9	8	6.7	9.5	7.8	6.5	9	7.5	6.3				129	
135	9.2	7.6	6.6	9.8	7.9	6.7	9.9	7.9	6.7	9.6	7.8	6.6	9.2	7.6	6.5	8.8	7.4	6.3				135	
141	8.9	7.4	6.5	9.5	7.7	6.6	9.5	7.7	6.6	9.4	7.6	6.5	9	7.4	6.4	8.6	7.2	6.3				141	
147	8.5	7.2	6.5	9.1	7.5	6.5	9.2	7.6	6.5	9.1	7.5	6.4	8.8	7.3	6.3	8.4	7.1	6.2				147	
153	8.2	7.1	6.4	8.8	7.3	6.5	8.9	7.4	6.4	8.8	7.3	6.4	8.5	7.1	6.3	8.2	7	6.1				153	
159	7.9	6.9	6.4	8.5	7.2	6.4	8.7	7.2	6.4	8.5	7.2	6.3	8.3	7	6.2	8	6.8	6.1				159	
165	7.6	6.8	6.4	8.2	7	6.4	8.4	7	6.3	8.3	7	6.3	8.1	6.9	6.1	7.9	6.7	6.1				165	
171	7.3	6.7	6.4	7.9	6.9	6.4	8.1	6.9	6.3	8.1	6.8	6.2	7.9	6.7	6.1	7.7	6.6	6				171	
177	7	6.6	6.4	7.7	6.7	6.4	7.9	6.8	6.3	7.9	6.7	6.1	7.7	6.6	6.1	7.5	6.5	6				177	
183	6.8	6.5	6.4	7.4	6.6	6.3	7.6	6.6	6.3	7.6	6.6	6.1	7.5	6.5	6.1	7.3	6.4	6				183	
189	6.6	6.3	6.4	7.1	6.5	6.3	7.4	6.5	6.3	7.4	6.5	6.1	7.3	6.4	6.1	7.1	6.3	6				189	
195	6.3	6.3	6.4	6.9	6.4	6.3	7.2	6.5	6.3	7.2	6.4	6.1	7.2	6.4	6.1	7	6.2	6				195	
207	5.9			6.4	6.3	6.3	6.7	6.3	6.3	6.9	6.2	6.1	6.9	6.2	6.1	6.6	6.1	6				207	
219				6	6.3		6.3	6.2		6.5	6.1	6.1	6.6	6.1	6.1	6.2	6	6				219	
231							5.9			6.1	6.1	6.1	6	6.1	6.1	5.6	5.8	6				231	
243										5.8			5.1	5.7	5.8	4.7	5.3	5.6				243	
255													4	4.6		3.7	4.5	4.5				255	
267																2.8	3.3					267	








TAB 172270 / 172277 / 172284

Lifting heights
Hauteurs de levage














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

		 44 – 197 ft			 118 ft			 360°			 163100 lbs			 85%							
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft		
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft					
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°			
21	13.9			13.8						12.4									21		
24	13.9			13.8					12.9										24		
27	13.8			13.8					12.9				11.6						27		
30	13.6			13.8					12.8				11.6				11.2		30		
33	13.6			13.6					12.6				11.6				11.2		33		
36	13.5			13.6					12.6				11.6				11.2		36		
39	13.3			13.6					12.6				11.4				11.2		39		
45	12.7			13.2					12.6				11.4				11		45		
51	12			12.6					12.2				11.2				10.9		51		
57	11.3			11.9					11.6				11				10.8		57		
63	10.5	8.4		11.2	8.5				11.1				10.7				10.5		63		
69	9.8	8.1		10.6	8.3				10.5	8			10.3				10.2		69		
75	9.1	7.5		9.9	7.8				9.9	7.8		10	7.5		9.9	7.4		9.8	75		
81	8.5	7		9.2	7.3				9.4	7.3		9.5	7.3		9.4	7.2		9.4	6.8	81	
87	7.9	6.6		8.6	6.9				8.8	6.9		9	6.9		9	6.9		9	6.7	87	
93	7.3	6.2	4.8	8.1	6.5	4.9			8.3	6.5		8.6	6.6		8.6	6.5		8.6	6.5	93	
99	6.8	5.8	4.8	7.6	6.1	4.9			7.8	6.2	4.6	8.1	6.3	4.6	8.2	6.3		8.2	6.3	99	
105	6.3	5.4	4.7	7.1	5.8	4.8			7.4	5.9	4.6	7.6	6	4.6	7.8	6		7.9	6	105	
111	5.8	5.1	4.5	6.6	5.5	4.6			6.9	5.6	4.6	7.2	5.7	4.6	7.4	5.7	4.6	7.5	5.7	4.6	111
117	5.4	4.9	4.3	6.1	5.2	4.4			6.5	5.3	4.5	6.9	5.4	4.5	7	5.5	4.5	7.2	5.5	4.5	117
123	5	4.6	4.2	5.7	4.9	4.3			6.1	5.1	4.3	6.5	5.2	4.4	6.7	5.2	4.4	6.8	5.3	4.4	123
129	4.6	4.4	4.1	5.3	4.7	4.2			5.8	4.8	4.2	6.1	5	4.3	6.4	5	4.3	6.5	5.1	4.3	129
135	4.3	4.2	4	4.9	4.5	4.1			5.4	4.7	4.1	5.8	4.8	4.2	6	4.9	4.2	6.3	4.9	4.2	135
141	4	4.1	4	4.6	4.4	4			5.1	4.5	4.1	5.5	4.6	4.1	5.7	4.7	4.1	6	4.8	4.1	141
147	3.8	4.1		4.3	4.2	4			4.7	4.3	4	5.2	4.5	4	5.5	4.5	4	5.7	4.6	4	147
153				4	4.1				4.5	4.2	4	4.9	4.3	3.9	5.2	4.4	3.9	5.4	4.5	3.9	153
159				3.8	4				4.2	4.1	3.9	4.6	4.2	3.9	4.9	4.3	3.9	5.2	4.4	3.9	159
165									4	4		4.4	4.1	3.9	4.7	4.2	3.9	5	4.3	3.9	165
171									3.8	4		4.2	4	3.9	4.4	4.1	3.9	4.8	4.1	3.8	171
177									3.6	4		4	4	3.9	4.3	4	3.9	4.6	4.1	3.8	177
183												3.8	3.9		4.1	3.9	3.9	4.4	4	3.8	183
189												3.7	3.9		3.9	3.9	3.9	4.2	3.9	3.8	189
195															3.8	3.9		4	3.9	3.8	195
207															3.6			3.7	3.8		207
219																		3.6			219

TAB 172270 / 172277 / 172284

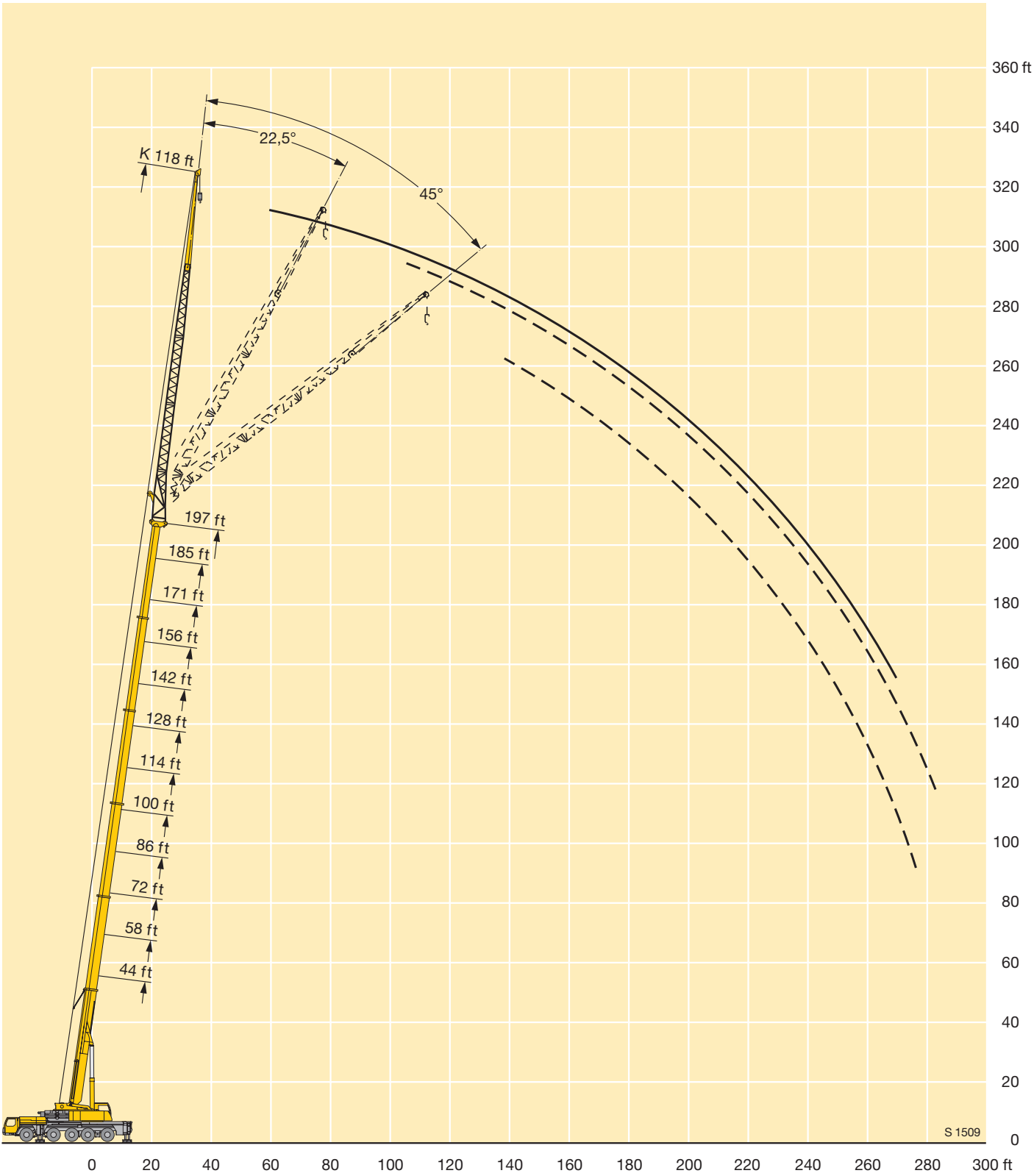


Lifting capacities on the folding jib
Forces de levage à la fléchette pliante

																									
 ft	128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			 ft						
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft									
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°							
36	10.4			11.2															36						
39	10.4			11.2															39						
45	10.2			11			10.4			9.5									45						
51	10			10.9			10.2			9.5			8.3						51						
57	9.9			10.9			10.2			9.5			8.3			7.3			57						
63	9.9			10.7			10.2			9.4			8.3			7.3			63						
69	9.8			10.4			10			9.3			8.3			7.3			69						
75	9.5			10.1			9.7			9.1			8.2			7.3			75						
81	9.2	6.9		9.7	7		9.4			8.8			8.1			7.3			81						
87	8.9	6.8		9.4	7		9.1	6.6		8.6			7.9			7.2			87						
93	8.5	6.5		9.1	6.7		8.9	6.5		8.3	6.1		7.7			7.1			93						
99	8.2	6.2		8.7	6.5		8.5	6.4		8.1	6		7.5	5.6		7	5.3		99						
105	7.8	6		8.4	6.2		8.2	6.1		7.8	5.8		7.3	5.6		6.8	5.3		105						
111	7.5	5.7		8	6		7.9	5.9		7.6	5.6		7.1	5.4		6.6	5.1		111						
117	7.2	5.5	4.4	7.7	5.8	4.4	7.6	5.7		7.3	5.4		6.9	5.1		6.4	4.9		117						
123	6.9	5.3	4.3	7.4	5.6	4.4	7.4	5.5	4.1	7.1	5.3	4.1	6.7	5.1		6.3	4.9		123						
129	6.6	5.1	4.2	7.1	5.4	4.3	7.1	5.3	4.1	6.8	5.2	4.1	6.5	5	3.9	6.1	4.8		129						
135	6.3	5	4.1	6.8	5.2	4.2	6.8	5.2	4.1	6.6	5	4.1	6.2	4.9	3.9	5.9	4.7	3.6	135						
141	6.1	4.8	4.1	6.5	5	4.1	6.6	5	4.1	6.4	4.9	4.1	6	4.7	3.9	5.8	4.6	3.6	141						
147	5.8	4.6	4	6.2	4.8	4.1	6.3	4.8	4	6.2	4.8	4	5.9	4.6	3.9	5.6	4.5	3.6	147						
153	5.6	4.5	3.9	6	4.7	4	6	4.7	4	5.9	4.6	3.9	5.7	4.5	3.8	5.4	4.4	3.6	153						
159	5.3	4.4	3.9	5.8	4.6	3.9	5.8	4.6	3.9	5.7	4.5	3.9	5.5	4.4	3.8	5.3	4.3	3.6	159						
165	5.1	4.3	3.8	5.5	4.4	3.9	5.6	4.5	3.9	5.5	4.4	3.8	5.3	4.3	3.7	5.1	4.2	3.6	165						
171	4.9	4.2	3.8	5.3	4.3	3.8	5.4	4.4	3.8	5.3	4.3	3.8	5.2	4.2	3.7	5	4.1	3.6	171						
177	4.8	4.1	3.8	5.1	4.3	3.8	5.2	4.3	3.8	5.2	4.2	3.7	5	4.1	3.7	4.9	4.1	3.6	177						
183	4.6	4	3.8	4.9	4.1	3.8	5	4.2	3.7	5	4.1	3.7	4.9	4.1	3.6	4.7	4	3.6	183						
189	4.4	3.9	3.8	4.8	4.1	3.8	4.8	4.1	3.7	4.8	4.1	3.7	4.7	4	3.6	4.6	3.9	3.6	189						
195	4.2	3.9	3.8	4.6	4	3.7	4.7	4	3.7	4.7	4	3.6	4.6	3.9	3.6	4.5	3.9	3.5	195						
207	4	3.7	3.8	4.3	3.9	3.7	4.4	3.8	3.6	4.4	3.8	3.6	4.4	3.8	3.6	4.3	3.7	3.5	207						
219	3.7	3.6		4	3.6	3.7	4.2	3.7	3.6	4.2	3.7	3.6	4.1	3.7	3.6	4.1	3.6	3.5	219						
231	3.6			3.8	3.6		3.9	3.6	3.6	4	3.7	3.6	4	3.6	3.6	3.9	3.6	3.4	231						
243							3.7	3.6		3.8	3.6	3.6	3.8	3.4	3.6	3.8	3.5	3.4	243						
255							3.6	3.6		3.7	3.6	3.6	3.7	3.4	3.6	3.6	3.5	3.4	255						
267										3.5	3.6		3.1	3.4	3.6	2.8	3.5	3.4	267						
279														2.9			2.8		279						









Lifting heights
Hauteurs de levage










Lifting capacities on the hydraulically variable folding jib

Capacités de levage à la fléchette pliante à variation hydraulique

		 44 – 197 ft			 40 ft			 360°			 163100 lbs			85%					
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
10	46.3			46.3			46.3												10
12	46.3			46.3			46.3												12
14	46.3			46.3			46.3												14
16	46.3			46.3			46.3			46.3									16
18	46.3			46.3			46.3			46.3			46.3						18
21	46.3	40.7		46.3	41.7		46.3			46.3			46.3			46.3			21
24	46.3	38.3		46.3	40.8		46.3	39.5		46.3			46.3			46.3			24
27	46.3	35.6		46.3	38.2		46.3	39		46.3	38.6		46.3			46.3			27
30	46.3	33.6	25.7	46.3	35.9		46.3	36.9		46.3	38.3		46.3	36.9		46.3			30
33	46.2	32.2	25.7	46.3	34.1	25.7	46.3	35.3		46.3	36.5		46.3	36.8		46.3			33
36	45.4	31.2	25.7	46.3	32.5	25.7	46.3	33.8	25.7	46.3	34.7		46.3	35.5		46.3	36.1		36
39	41.5	29.6	25.7	46.3	32.1	25.7	46.3	32.4	25.7	46.3	33.6	25.7	46.3	34.3		46.3	34.8		39
45	36	26.9	24.5	42.6	29.4	25.3	45.2	30.7	25.7	46.3	31.8	25.7	44.2	32.1	25.7	44.6	32.6	25.7	45
51	31.4	24.8	23.3	38	27.2	24.2	41	28.6	24.8	43.8	29.9	25.2	40.4	30.4	25.4	41.5	30.8	25.6	51
57	27.8	23.1	22.5	33.5	25.3	23.3	37.1	26.8	23.9	40.3	28	24.4	36.8	28.9	24.7	38.3	29.2	25	57
63	24.9	21.7	22.1	30.1	23.7	22.6	33.7	25.2	23.1	36.9	26.5	23.6	33.8	27.3	24	35.3	28	24.3	63
69	22.5	20.7		27.2	22.4	22.2	30.8	23.9	22.6	34	25.2	23.1	31	26	23.4	32.8	26.9	23.7	69
75				24.8	21.4	22.1	28.3	22.8	22.2	31.4	24	22.6	28.7	24.9	22.9	30.5	25.7	23.3	75
81				22.8	20.7		26.2	21.8	22.1	29.1	23	22.3	26.7	23.8	22.6	28.5	24.7	22.9	81
87							24.2	21.1	22.1	27.2	22.1	22.1	24.8	22.9	22.2	26.7	23.8	22.5	87
93							22.6	20.5		25.4	21.4	22.1	23.1	22	21.6	25.1	22.9	22.2	93
99										23.8	20.8	22.1	21.7	21	21.1	23.5	22.1	21.7	99
105										22.5	20.5		20.2	19.9	20.1	22.2	21.3	21	105
111										21.3	20.2		19	18.8	19.1	21	20.4	20.3	111
117										20.4			18	17.8	18.1	19.9	19.4	19.5	117
123													16.9	16.9		18.9	18.6	18.7	123
129													16.1			18	17.8	18	129
135																17.1	17		135
141																16.4			141








TAB 172312 / 172319 / 172326

		 44 – 197 ft			 40 ft						 360°			 163100 lbs			85%				
 ft		128 ft			142 ft			156 ft			171 ft			185 ft			197 ft			 ft	
		40 ft			40 ft			40 ft			40 ft			40 ft			40 ft				
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
24		46.3			46.3															24	
27		46.3			46.3															27	
30		46.3			46.3			45.1												30	
33		46.3			46.3			44.8												33	
36		45.9			46.3			44.4												36	
39		45			46.3			44			38.6									39	
45		42.6	32.8		46.1	34.7		43.5	35.2		38.3			32.7			28.4			45	
51		39.8	31	25.7	45.7	33.2	25.7	42.6	33.5		37.6	32.7		32.1			28.2			51	
57		37	29.7	25.1	44.4	31.6	25.7	41.6	31.7	25.5	36.9	31.6		31.7	29.1		27.8			57	
63		34.3	28.5	24.5	42.5	30.4	25.3	40.4	30.2	25.2	35.9	30.3	25	31.1	28.8		27.4	25.5		63	
69		31.7	27.3	23.9	40.3	29.2	24.7	39	29.2	24.6	34.8	29.3	24.8	30.2	28	24.3	26.7	25.1	23.5	69	
75		29.4	26.3	23.5	38.2	28	24.2	37.3	28.4	24.2	33.4	28.3	24.4	29.1	27.1	24	25.7	24.2	23.1	75	
81		27.5	25.2	23.1	36	26.9	23.7	35.6	27.4	23.9	31.9	27.3	24	28	26.4	23.7	24.5	23.3	22.2	81	
87		25.6	24.1	22.7	33.9	25.9	23.3	33.8	26.5	23.5	30.2	26.4	23.6	26.7	25.6	23.5	23.4	22.6	21.4	87	
93		23.9	23	22.1	31.8	25.1	23	32.1	25.6	23.3	28.6	25.6	23.3	25.5	24.5	23	22.3	21.8	20.8	93	
99		22.6	21.9	21.5	29.8	24.3	22.7	30.5	24.7	23	27.1	24.9	23.1	24.3	23.5	22.4	21.3	20.8	20	99	
105		21.1	20.8	20.8	28.2	23.5	22.5	28.8	24.1	22.7	25.8	24.1	22.9	23	22.5	21.7	20.2	20	19.2	105	
111		19.8	19.7	19.7	26.6	22.9	22.4	27.3	23.4	22.6	24.4	23.3	22.7	22	21.6	20.9	19.2	19.1	18.5	111	
117		18.7	18.5	18.7	25.1	22.4	21.9	25.9	22.8	22.5	23.2	22.5	22	21	20.7	20.1	18.3	18.3	17.9	117	
123		17.7	17.6	17.7	23.7	21.9	21.8	24.3	22.4	22.2	22.1	21.6	21.3	20	19.8	19.4	17.4	17.4	17.2	123	
129		16.7	16.7	16.9	22.5	21.3	21.8	22.3	21.9	21.9	21	20.7	20.5	19	18.9	18.6	16.6	16.6	16.5	129	
135		15.8	15.8	16	21.4	20.6	21.3	20.4	21.1	21.5	20	19.9	19.8	18.2	18	17.9	15.7	15.9	15.8	135	
141		15	15	15.2	20	19.8	20.4	18.7	19.7	20.3	18.8	19	19	17.4	17.3	17.2	14.9	15.1	15.1	141	
147		14.2	14.2		18.5	18.9	19.2	17.4	18	18.4	17.3	18	18.2	16.6	16.5	16.5	14.3	14.3	14.5	147	
153		13.4			17	17.6	17.8	16.5	16.6	16.9	15.8	16.7	17.1	15.8	15.9	15.9	13.6	13.7	13.8	153	
159					15.6	16.1		15.6	15.8	16	14.6	15.2	15.6	14.9	15.2	15.2	12.9	13.1	13.2	159	
165					14.4	14.7		14.5	15	15.1	13.9	14	14.3	13.6	14.4	14.5	12.3	12.4	12.6	165	
171								13.4	13.8		13.2	13.3	13.5	12.5	13.2	13.5	11.7	11.8	12	171	
177								12.4	12.7		12.6	12.7	12.9	11.4	12.1	12.3	11.2	11.3	11.4	177	
183								10.9	11.1		11.7	12.1	12.2	10.4	11	11.2	10.2	10.8	10.9	183	
189											10.8	11.2		9.5	10	10.1	9.3	9.9	10.1	189	
195											9.1			8.7	9.1	9.1	8.4	8.9	9.1	195	
207														6.7			6.9	7.3	7.3	207	

TAB 172312 / 172319 / 172326











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

																													
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft										
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft													
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°											
12	23.4																		12										
14	23.4			23.4															14										
16	23.4			23.4			23												16										
18	23.4			23.4			23			22.6									18										
21	23.4			23.4			23			22.5			21.6						21										
24	23.4			23.4			23			22.3			21.6			20.9			24										
27	23.3			23.4			23			22.3			21.5			20.8			27										
30	23.1			23.4			22.8			22			21.3			20.6			30										
33	22.6			23.3			22.6			21.8			21.3			20.6			33										
36	22.1			22.9			22.3			21.8			21.1			20.4			36										
39	21.5	18.6		22.4			22			21.7			21			20.4			39										
45	20.4	17.4		21.5	17.7		21.2	17.5		21.1			20.5			20.1			45										
51	19.2	16.5		20.5	17		20.4	16.9		20.4	16.7		20	16.5		19.7			51										
57	18.1	15.7		19.4	16.2		19.6	16.2		19.7	16.2		19.4	16.2		19.2	15.8		57										
63	17	14.9	12.9	18.4	15.6	12.9	18.7	15.7	12.9	19	15.7		18.8	15.7		18.7	15.6		63										
69	16	14.2	12.4	17.4	14.9	12.6	17.8	15.1	12.7	18.2	15.2	12.6	18.2	15.2	12.4	18.1	15.2		69										
75	15	13.5	12.1	16.4	14.2	12.3	17	14.5	12.4	17.5	14.7	12.4	17.6	14.7	12.3	17.6	14.8	12.2	75										
81	14	12.9	11.8	15.6	13.6	12.1	16.2	13.9	12.1	16.7	14.1	12.2	16.9	14.2	12.1	17.1	14.3	12.1	81										
87	13.1	12.4	11.6	14.7	13.1	11.8	15.5	13.4	11.9	16	13.7	11.9	16.3	13.8	11.9	16.5	13.9	11.9	87										
93	12.1	12	11.5	13.9	12.6	11.6	14.7	13	11.7	15.4	13.2	11.7	15.6	13.3	11.7	15.9	13.5	11.7	93										
99	11.2	11.7		13	12.2	11.5	14.1	12.6	11.5	14.7	12.8	11.6	15.1	13	11.6	15.3	13.1	11.6	99										
105				12.2	11.9	11.5	13.3	12.2	11.4	14.1	12.5	11.4	14.6	12.6	11.4	14.9	12.8	11.4	105										
111				11.3	11.7	11.5	12.6	11.9	11.4	13.6	12.2	11.4	14	12.4	11.3	14.4	12.5	11.3	111										
117				10.5	11.6		11.9	11.7	11.4	13	11.9	11.4	13.5	12.1	11.3	13.9	12.2	11.2	117										
123							11.2	11.5	11.4	12.3	11.7	11.4	13	11.8	11.3	13.5	12	11.2	123										
129							10.6	11.4		11.8	11.5	11.4	12.5	11.7	11.3	13.1	11.8	11.2	129										
135										11.2	11.5	11.4	12	11.5	11.3	12.6	11.6	11.2	135										
141										10.6	11.4		11.5	11.4	11.3	12.2	11.5	11.2	141										
147													11	11.2	11.3	11.8	11.4	11.2	147										
153													10.6	11		11.4	11.3	11.2	153										
159													10.2			11	11.1	11.2	159										
165																10.5	11		165										
171																10.2			171										
177																10			177										

TAB 172312 / 172319 / 172326



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

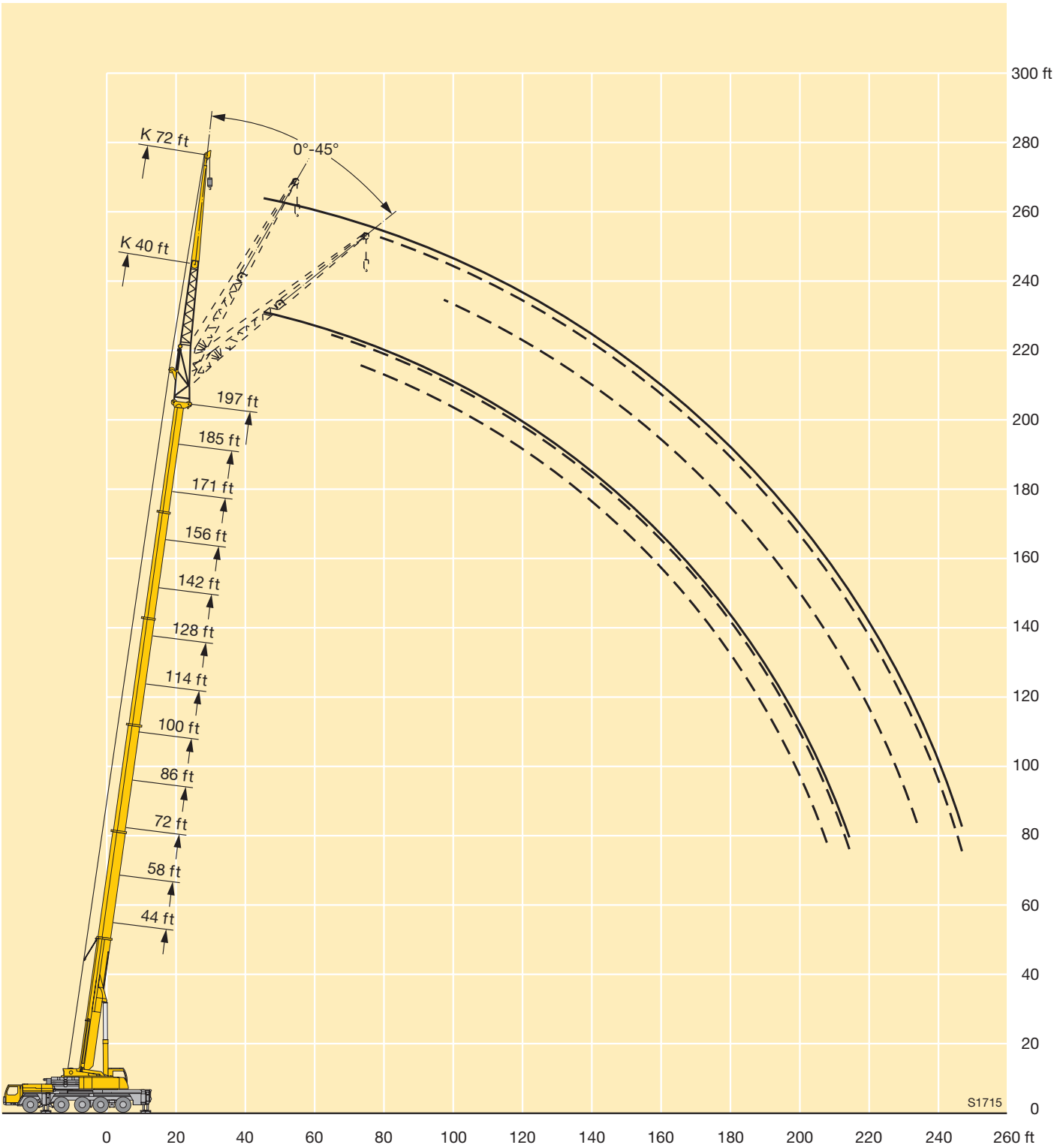
																					
	128 ft			142 ft			156 ft			171 ft			185 ft			197 ft				ft	
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft					
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°			
27	19.9			20.6															27		
30	19.9			20.6			19.6												30		
33	19.6			20.6			19.6												33		
36	19.6			20.6			19.6				18.2								36		
39	19.6			20.6			19.6				18.2								39		
45	19.4			20.2			19.4				18			16			14.6		45		
51	19			19.8			19.1				17.8			16			14.6		51		
57	18.6	15.5		19.4	16		18.8				17.6			16			14.6		57		
63	18.2	15.2		19	15.9		18.4	15.3			17.3			16			14.4		63		
69	17.8	14.9		18.5	15.5		18	15.2			17	14.5		15.8	13.6		14.3		69		
75	17.3	14.6	12.2	18	15.1	12.1	17.6	14.9			16.7	14.4		15.5	13.5		14.2	12.6	75		
81	16.8	14.2	12.1	17.6	14.7	12	17.2	14.5	11.9		16.4	14		15.3	13.4		14.1	12.6	81		
87	16.3	13.8	11.9	17.1	14.3	11.9	16.8	14.1	11.8		16.1	13.7	11.6	15	13.1	11.2	14	12.6	87		
93	15.9	13.5	11.7	16.7	13.9	11.8	16.4	13.8	11.6		15.7	13.4	11.6	14.7	12.9	11.2	13.8	12.4	10.9	93	
99	15.4	13.2	11.5	16.2	13.6	11.7	16	13.5	11.6		15.3	13.1	11.4	14.4	12.6	11.2	13.6	12.2	10.9	99	
105	14.9	12.8	11.4	15.7	13.3	11.5	15.5	13.2	11.4		15	12.8	11.3	14.2	12.4	11.1	13.4	12	10.9	105	
111	14.4	12.6	11.3	15.2	12.9	11.4	15.1	12.9	11.3		14.6	12.6	11.2	13.9	12.2	11	13.2	11.8	10.8	111	
117	14.1	12.3	11.2	14.8	12.7	11.3	14.7	12.6	11.2		14.3	12.4	11.1	13.6	12	10.9	13	11.7	10.7	117	
123	13.7	12	11.1	14.4	12.4	11.2	14.3	12.4	11.1		14	12.2	11	13.3	11.8	10.8	12.7	11.5	10.7	123	
129	13.3	11.8	11.1	14	12.2	11.1	14	12.2	11		13.7	12	10.9	13.1	11.7	10.8	12.5	11.4	10.6	129	
135	12.9	11.7	11.1	13.6	12	11	13.6	12	11		13.3	11.8	10.9	12.9	11.5	10.8	12.2	11.2	10.6	135	
141	12.4	11.5	11.1	13.2	11.8	10.9	13.3	11.8	11		13	11.6	10.9	12.6	11.4	10.7	11.9	11.1	10.6	141	
147	12	11.3	11.1	12.9	11.6	10.9	13	11.6	11		12.8	11.5	10.9	12.4	11.2	10.7	11.6	10.9	10.6	147	
153	11.6	11.1	11.1	12.6	11.4	10.9	12.7	11.4	10.9		12.5	11.3	10.9	12.1	11.1	10.7	11.2	10.8	10.6	153	
159	11.1	10.9	11.1	12.3	11.3	10.9	12.4	11.3	10.9		12.3	11.2	10.9	11.8	11	10.7	10.9	10.6	10.6	159	
165	10.7	10.6	11	12	11.2	10.9	12.1	11.2	10.9		12	11.1	10.9	11.6	10.9	10.7	10.5	10.3	10.4	165	
171	10.2	10.3	10.6	11.6	11.1	10.9	11.9	11.1	10.9		11.8	11	10.9	11.3	10.7	10.7	10.1	10.1	10.2	171	
177	9.8	9.9	10.1	11.3	10.9	10.9	11.7	11	10.9		11.5	10.9	10.9	11	10.6	10.7	9.6	9.9	10	177	
183	9.3	9.4		11	10.9	10.9	11.3	11	10.9		11.2	10.8	10.9	10.7	10.4	10.7	9.2	9.5	9.8	183	
189	8.9			10.6	10.9	10.3	11	10.9	10.9		10.3	10.7	10.9	10.4	10.3	10.6	8.8	9.1	9.4	189	
195				10.3	10.9		10.6	10.7	10.9		9.7	10.3	10.6	9.7	10.1	10.4	8.4	8.7	9	195	
207							9.1	9.6			8.9	9	9.3	8.1	9	9.4	7.6	7.9	8.2	207	
219												8.2		6.7	7.4	7.6	6.4	7.1	7.3	219	
231															6		5.2	5.9	5.9	231	

TAB 172312 / 172319 / 172326

TAB 172312 / 172319 / 172326










Lifting heights
Hauteurs de levage















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

																												
	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft												
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft												
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°										
16	18.9			18.9															16									
18	18.9			18.9			18												18									
21	18.9			18.9			18			17.2									21									
24	18.9			18.9			17.9			17.1			16.3						24									
27	18.9			18.9			17.7			17			16.3			15.5			27									
30	18.7			18.9			17.7			16.9			16.2			15.5			30									
33	18.4			18.8			17.7			16.7			16			15.5			33									
36	18.1			18.5			17.7			16.7			16			15.3			36									
39	17.8			18.3			17.5			16.5			15.8			15.3			39									
45	16.8			17.6			17			16.5			15.8			15.1			45									
51	15.8	13		16.7			16.4			16.2			15.6			14.9			51									
57	14.8	12.3		15.8	12.4		15.6	12.4		15.6			15.2			14.8			57									
63	13.8	11.5		14.9	12		14.9	11.9		14.9	11.6		14.6	11.2		14.5			63									
69	12.8	10.8		14	11.3		14.1	11.3		14.3	11.3		14.1	11		14	10.9		69									
75	12	10.2		13.1	10.7		13.4	10.7		13.6	10.8		13.5	10.7		13.5	10.7		75									
81	11.1	9.5	8.1	12.3	10.1	8	12.6	10.2	8	12.9	10.3		12.9	10.2		12.9	10.3		81									
87	10.3	9	7.7	11.5	9.5	7.9	11.9	9.7	7.9	12.3	9.8	7.7	12.4	9.8	7.7	12.4	9.8		87									
93	9.5	8.5	7.4	10.8	9.1	7.6	11.3	9.2	7.6	11.6	9.4	7.7	11.8	9.4	7.6	11.9	9.5	7.4	93									
99	8.8	8.1	7.1	10	8.6	7.3	10.6	8.8	7.4	11.1	9	7.4	11.3	9.1	7.4	11.4	9.1	7.4	99									
105	8.1	7.7	6.9	9.4	8.2	7.1	10	8.4	7.2	10.5	8.6	7.2	10.7	8.7	7.2	11	8.8	7.2	105									
111	7.5	7.4	6.8	8.6	7.8	6.9	9.5	8.1	7	10	8.3	7.1	10.3	8.4	7.1	10.5	8.5	7.1	111									
117	6.9	7.1	6.7	8	7.5	6.8	8.9	7.8	6.8	9.5	8	6.9	9.8	8.1	6.9	10.1	8.3	6.9	117									
123	6.4	6.8		7.5	7.3	6.7	8.3	7.5	6.8	9	7.7	6.8	9.4	7.9	6.8	9.7	8	6.8	123									
129	6			7	7	6.7	7.8	7.3	6.7	8.6	7.5	6.7	9	7.6	6.7	9.3	7.8	6.7	129									
135				6.5	6.8		7.3	7.1	6.7	8.1	7.3	6.6	8.6	7.4	6.6	9	7.5	6.6	135									
141				6.1			6.9	6.9	6.6	7.6	7.1	6.6	8.2	7.2	6.6	8.6	7.3	6.5	141									
147							6.5	6.7		7.2	6.9	6.6	7.8	7	6.5	8.3	7.2	6.5	147									
153							6.1			6.8	6.7	6.6	7.4	6.9	6.5	7.9	7	6.5	153									
159										6.5	6.7		7	6.7	6.5	7.6	6.8	6.5	159									
165										6.1			6.7	6.6	6.5	7.2	6.7	6.5	165									
171													6.4	6.6		7	6.6	6.5	171									
177													6.1	6.6		6.6	6.5	6.5	177									
183													5.9			6.4	6.5	6.5	183									
189																6.1	6.5		189									
195																5.9			195									

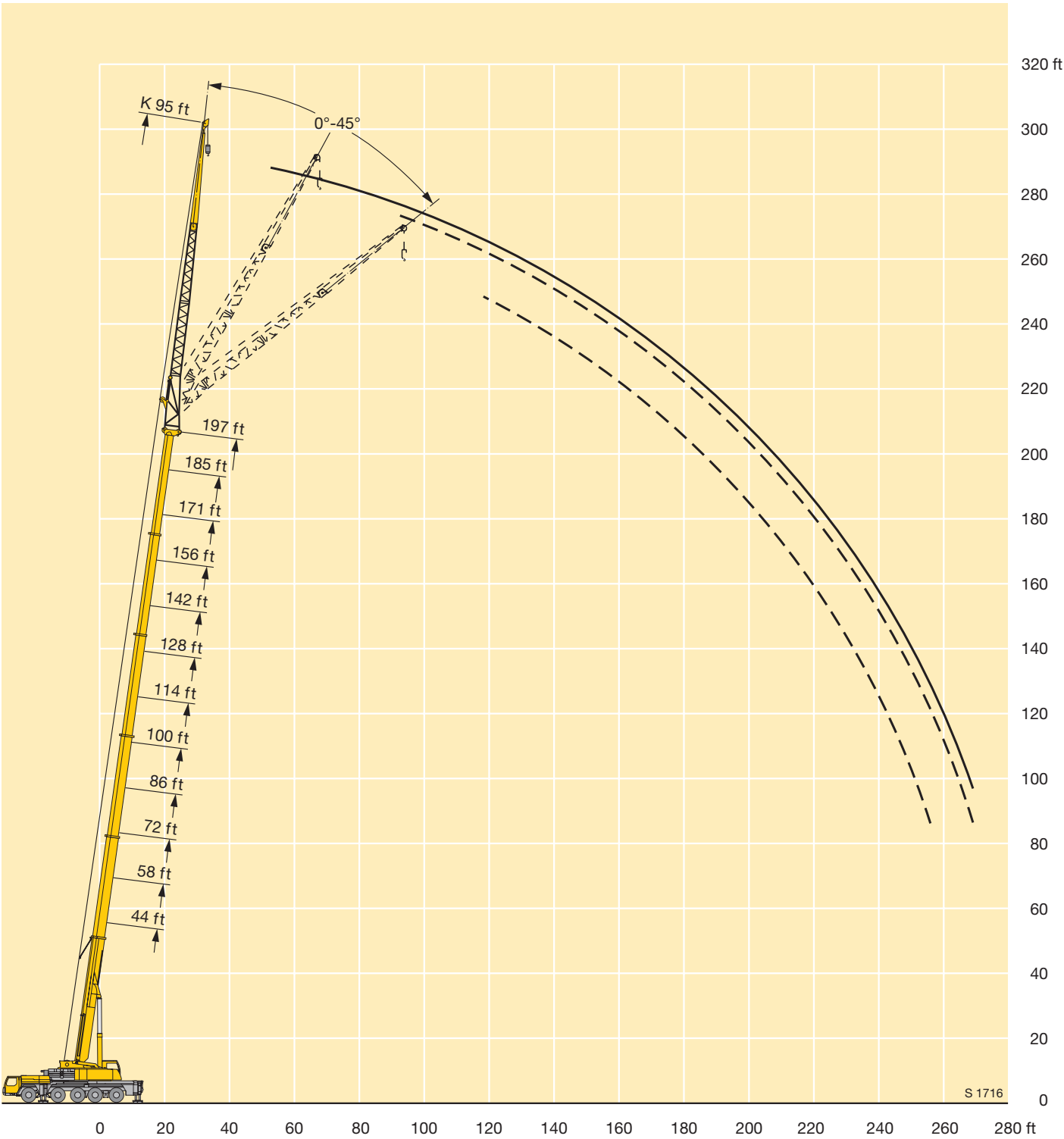
TAB 172312 / 172319 / 172326



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








																											
		44 – 197 ft			95 ft			128 ft			142 ft			156 ft			171 ft			185 ft			197 ft				
								85%																			
		360°			163100 lbs			85%																			

Lifting heights
Hauteurs de levage







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

		 44 – 197 ft			 118 ft			 360°			 163100 lbs			 85%														
 ft	44 ft			58 ft			72 ft			86 ft			100 ft			114 ft			 ft									
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft												
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°										
21	13.8			13.8															21									
24	13.8			13.8			12.9												24									
27	13.8			13.8			12.9			12.4			11.6						27									
30	13.6			13.8			12.8			12.4			11.6			11.2			30									
33	13.6			13.6			12.6			12.4			11.6			11.2			33									
36	13.5			13.6			12.6			12.1			11.6			11.2			36									
39	13.3			13.6			12.6			12.1			11.4			11.2			39									
45	12.7			13.1			12.5			12.1			11.4			11			45									
51	12			12.5			12.1			11.8			11.2			10.9			51									
57	11.2			11.9			11.6			11.4			11			10.8			57									
63	10.5	8.4		11.2			11			11			10.7			10.5			63									
69	9.8	8.1		10.5	8		10.4	7.9		10.5			10.2			10.1			69									
75	9.1	7.5		9.8	7.8		9.9	7.7		10	7.3		9.8	7.3		9.7			75									
81	8.4	7		9.2	7.3		9.3	7.3		9.5	7.2		9.4	7.2		9.3	6.8		81									
87	7.8	6.5		8.6	6.9		8.8	6.9		9	6.9		8.9	6.8		9	6.7		87									
93	7.3	6.1	4.8	8	6.5	4.9	8.2	6.5		8.5	6.5		8.5	6.5		8.6	6.5		93									
99	6.8	5.7	4.8	7.5	6.1	4.8	7.7	6.2	4.6	8	6.2	4.6	8.1	6.2		8.2	6.2		99									
105	6.3	5.4	4.7	7	5.8	4.8	7.3	5.8	4.6	7.6	5.9	4.6	7.7	5.9		7.8	6		105									
111	5.8	5.1	4.5	6.6	5.4	4.6	6.9	5.5	4.6	7.2	5.7	4.6	7.3	5.7	4.6	7.5	5.7		111									
117	5.4	4.8	4.3	6.1	5.1	4.4	6.5	5.3	4.4	6.8	5.4	4.5	6.9	5.4	4.4	7.1	5.5	4.4	117									
123	5	4.6	4.2	5.7	4.9	4.3	6.1	5	4.3	6.5	5.2	4.4	6.6	5.2	4.3	6.8	5.3	4.3	123									
129	4.6	4.4	4.1	5.3	4.7	4.2	5.8	4.8	4.2	6.1	5	4.2	6.3	5	4.2	6.5	5.1	4.2	129									
135	4.3	4.3	4	4.9	4.5	4.1	5.4	4.7	4.1	5.8	4.8	4.1	6	4.8	4.1	6.2	4.9	4.1	135									
141	4	4.1	4	4.6	4.4	4	5.1	4.5	4.1	5.5	4.6	4.1	5.7	4.7	4.1	5.9	4.7	4.1	141									
147	3.8	4.1		4.3	4.2	4	4.7	4.3	4	5.2	4.5	4	5.4	4.5	4	5.7	4.6	4	147									
153				4	4.1		4.5	4.2	4	4.9	4.3	3.9	5.2	4.4	3.9	5.4	4.5	3.9	153									
159				3.8	4		4.2	4.1	3.9	4.6	4.2	3.9	5	4.3	3.9	5.2	4.3	3.9	159									
165							4	4		4.4	4.1	3.9	4.7	4.2	3.9	5	4.2	3.9	165									
171							3.8	4		4.2	4	3.9	4.4	4.1	3.9	4.8	4.1	3.8	171									
177							3.6	4		4	4	3.9	4.3	4	3.9	4.6	4	3.8	177									
183										3.8	3.9		4.1	3.9	3.9	4.4	4	3.8	183									
189										3.7	3.9		3.9	3.9	3.9	4.2	3.9	3.8	189									
195													3.8	3.9		4	3.9	3.8	195									
207													3.6			3.7	3.8		207									

TAB 172312 / 172319 / 172326



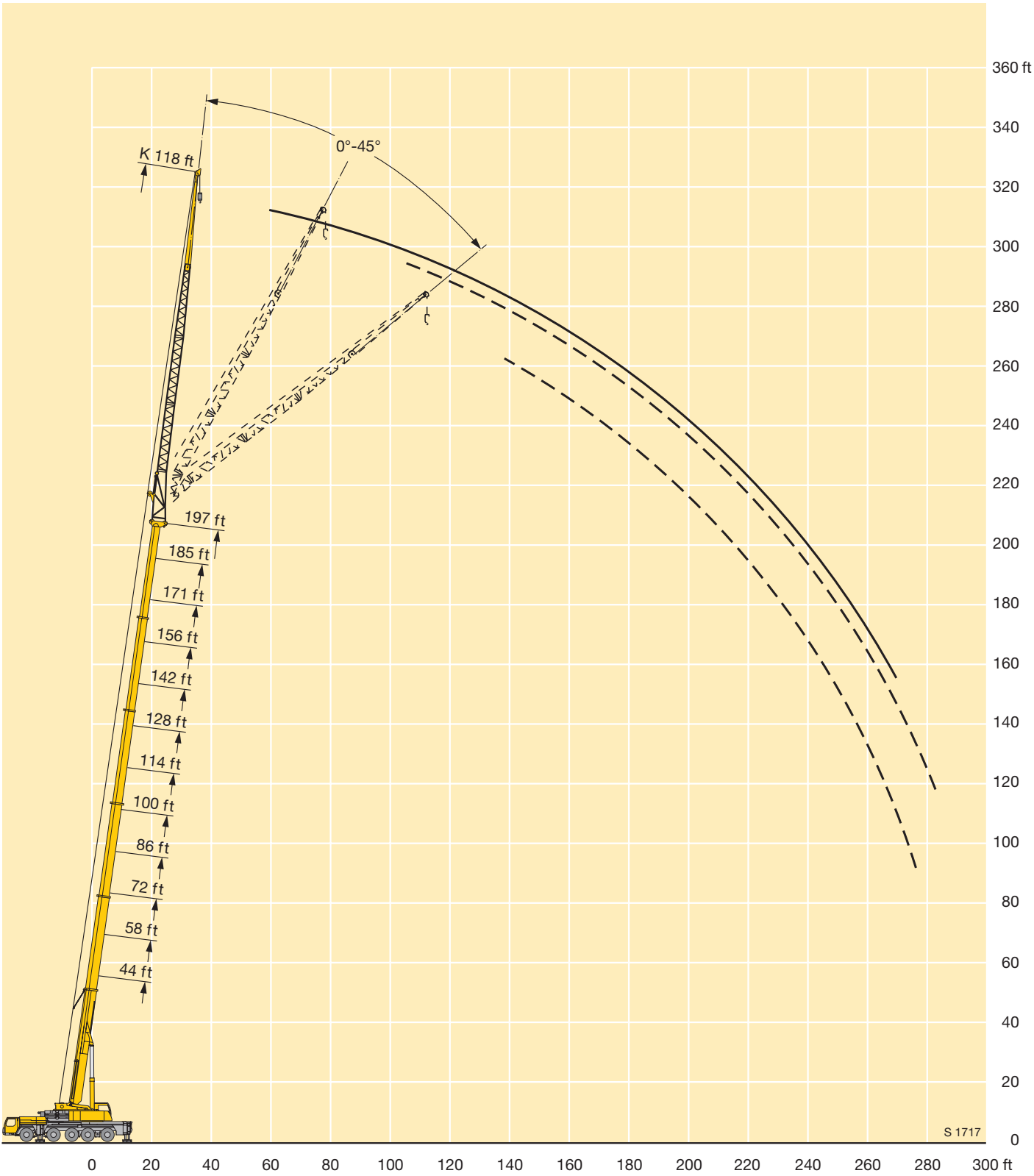
Lifting capacities on the hydraulically variable folding jib
Capacités de levage à la flèche pliante à variation hydraulique

		44 – 197 ft			118 ft						360°			163100 lbs			85%				
	128 ft			142 ft			156 ft			171 ft			185 ft			197 ft					
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft					
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°			
36	10.4																		36		
39	10.4			11.2															39		
45	10.2			11			10.4			9.5									45		
51	10			10.9			10.2			9.5			8.3						51		
57	9.9			10.8			10.2			9.5			8.3			7.3			57		
63	9.9			10.6			10.1			9.4			8.3			7.3			63		
69	9.8			10.3			9.9			9.2			8.2			7.3			69		
75	9.5			10			9.7			9			8.2			7.3			75		
81	9.1	6.8		9.6	7		9.4			8.8			8			7.3			81		
87	8.8	6.7		9.3	7		9.1	6.6		8.5			7.8			7.2			87		
93	8.4	6.4		9	6.7		8.7	6.5		8.2	6.1		7.6			7			93		
99	8.1	6.1		8.6	6.4		8.5	6.3		8	6		7.4	5.6		6.9			99		
105	7.8	5.9		8.3	6.1		8.2	6.1		7.7	5.8		7.2	5.6		6.7			105		
111	7.5	5.7		8	5.9		7.9	5.8		7.5	5.6		7	5.4		6.5	5.1		111		
117	7.1	5.4	4.4	7.6	5.7	4.4	7.6	5.6		7.3	5.4		6.8	5.1		6.3	4.9		117		
123	6.9	5.3	4.3	7.3	5.5	4.4	7.3	5.4	4.1	7	5.3		6.6	5.1		6.2	4.9		123		
129	6.6	5.1	4.2	7	5.3	4.3	7	5.3	4.1	6.7	5.1	4.1	6.4	5	3.9	6	4.8		129		
135	6.3	4.9	4.1	6.7	5.1	4.2	6.7	5.1	4.1	6.5	5	4.1	6.2	4.8	3.9	5.8	4.7	3.6	135		
141	6	4.8	4.1	6.4	5	4.1	6.5	5	4.1	6.3	4.8	4	6	4.7	3.9	5.7	4.6	3.6	141		
147	5.8	4.6	4	6.2	4.8	4	6.2	4.8	4	6.1	4.7	3.9	5.8	4.6	3.9	5.5	4.5	3.6	147		
153	5.5	4.5	3.9	5.9	4.7	4	6	4.7	3.9	5.9	4.6	3.9	5.6	4.5	3.8	5.4	4.4	3.6	153		
159	5.3	4.4	3.9	5.7	4.6	3.9	5.8	4.5	3.9	5.7	4.5	3.8	5.4	4.4	3.8	5.2	4.3	3.6	159		
165	5.1	4.3	3.8	5.5	4.4	3.9	5.6	4.4	3.8	5.5	4.4	3.8	5.3	4.3	3.7	5.1	4.2	3.6	165		
171	4.9	4.2	3.8	5.3	4.3	3.8	5.3	4.3	3.8	5.3	4.3	3.7	5.1	4.2	3.7	4.9	4.1	3.6	171		
177	4.7	4.1	3.8	5	4.2	3.8	5.1	4.2	3.7	5.1	4.2	3.7	4.9	4.1	3.6	4.8	4	3.6	177		
183	4.6	4	3.8	4.9	4.1	3.8	5	4.1	3.7	4.9	4.1	3.7	4.8	4	3.6	4.7	3.9	3.6	183		
189	4.4	3.9	3.8	4.7	4.1	3.8	4.8	4.1	3.7	4.8	4	3.6	4.7	4	3.6	4.6	3.9	3.6	189		
195	4.2	3.9	3.8	4.6	4	3.7	4.6	4	3.7	4.6	4	3.6	4.6	3.9	3.6	4.4	3.8	3.4	195		
207	4	3.7	3.8	4.3	3.9	3.7	4.4	3.8	3.6	4.4	3.8	3.6	4.3	3.8	3.6	4.2	3.7	3.4	207		
219	3.7	3.6		4	3.6		4.1	3.6	3.6	4.2	3.7	3.6	4.1	3.7	3.6	4.1	3.6	3.4	219		
231				3.8	3.6		3.9	3.6	3.6	4	3.7	3.6	4	3.5	3.6	3.9	3.5	3.4	231		
243							3.7	3.6		3.8	3.6	3.6	3.8	3.4	3.6	3.7	3.5	3.4	243		
255										3.6	3.6		3.4	3.4	3.6	3.2	3.4	3.4	255		
267													2.8	3.2			3.1	3.2	267		

TAB 172312 / 172319 / 172326



Lifting heights
Hauteurs de levage













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

		44 – 197 ft			23 ft			40 ft												85%		
	ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft					
		40 ft			40 ft			40 ft			40 ft			40 ft			40 ft					
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°			
10		46.3																				10
12		46.3			46.3																	12
14		46.3			46.3																	14
16		46.3			46.3			46.3														16
18		46.3			46.3			46.3			46.3											18
21		46.3			46.3			46.3			46.3			41.8								21
24		46.3	42.5		46.3			46.3			46.2			41.7			38.4					24
27		46.3	41.9		46.3	40.8		46.3			45.6			41.3			38.3					27
30		46.1	39.6		46.2	40.5		46	37.9		44.3			40.7			38.1					30
33		45	37.5		45.6	38.6		44	37.8		42.9			39.8			37.7					33
36		42.1	35.7	25.7	43.5	36.7		42.1	36.2		41.5	35.7		38.9			37					36
39		39.8	34	25.7	41.3	35.3	25.7	40.3	34.9		39.9	34.5		37.8	33.1		36.2					39
45		35.7	31.2	25.7	37.3	32.5	25.7	37.2	32.5	25.7	37.1	32.3	25.7	35.6	31.4		34.7	30.5				45
51		32.2	28.9	24.9	34.1	30.2	25.3	34.2	30.2	25.5	34.6	30.4	25.7	33.3	29.7	25.7	32.9	29.3				51
57		29.3	26.8	24	31.2	28.1	24.5	31.4	28	24.8	32.3	28.6	25.2	31	28.2	25.2	31.1	27.9	24.7			57
63		26.7	24.9	23.1	28.8	26.3	23.7	28.6	25.9	23.9	30.1	26.8	24.4	28.6	26.7	24.3	29.2	26.6	24.1			63
69		24.5	23	22.2	26.6	24.6	23	26.3	24.1	22.9	28	25.1	23.4	26.5	25.1	23.4	27.3	25.4	23.2			69
75		22.6	21.3	21.3	24.6	23	22.2	24.3	22.5	21.8	26	23.6	22.4	24.7	23.5	22.4	25.5	24.1	22.4			75
81		20.8	19.8	20.2	23	21.5	21.2	22.4	21.1	20.6	24.3	22.2	21.3	22.9	22	21.4	23.9	22.7	21.6			81
87		19.1	18.5	18.9	21.5	20.2	20.3	20.7	19.8	19.5	22.7	21	20.3	21.2	20.6	20.3	22.4	21.3	20.6			87
93		17.6			20	19	19.4	19.4	18.6	18.5	21.2	19.9	19.4	20	19.3	19.2	21	20.2	19.7			93
99					18.7	18		18.1	17.6	17.6	20	18.9	18.6	18.7	18.2	18.1	19.8	19.1	18.8			99
105					17.4	17		17	16.6	16.8	18.9	17.9	17.8	17.5	17.2	17.2	18.8	18	17.9			105
111					16.4	16.4		15.9	15.7	16	17.8	17.2	17.1	16.6	16.2	16.3	17.7	17.2	17			111
117								15	14.9		16.8	16.4	16.5	15.6	15.3	15.4	16.7	16.3	16.3			117
123								14.2	14.2		16	15.7		14.7	14.6	14.7	15.9	15.5	15.5			123
129											15.2	15		14	13.8	14	15.2	14.8	14.9			129
135											14.6	14.5		13.3	13.1		14.4	14.2	14.3			135
141														12.6	12.5		13.7	13.6	13.7			141
147														12	12		13.2	13				147
153																	12.6	12.5				153
159																	12.1	12.1				159

TAB 172291 / 172298 / 172305















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

																						
	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft						
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft						
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°				
27	34.5																		27			
30	34.4				32														30			
33	34.2				32														33			
36	34				31.8			27.9											36			
39	33.6				31.7			27.9			25.7								39			
45	32.5				31			27.9			25.7			21.6			18.9		45			
51	31.3	27.9			30.3	27.3		27.9			25.7			21.6			18.9		51			
57	30	27	23.8		29.3	26.5		27.6	24.3		25.5	22.8		21.6			18.9		57			
63	28.6	25.9	23.4		28.1	25.5	22.6	26.8	23.8	21.6	25.3	22.7		21.6	21.1		18.9		63			
69	27.1	24.9	22.7		26.9	24.6	22.2	25.9	23.2	21.4	24.8	22.3	19.9	21.4	20.9	18.7	18.9	19.2	69			
75	25.5	23.8	22		25.7	23.6	21.6	25	22.4	20.9	24.1	21.8	19.7	21	20.5	18.5	18.9	19	16.3	75		
81	24	22.7	21.3		24.3	22.7	21.1	24	21.7	20.2	23.3	21.2	19.3	20.5	20.3	18.1	18.6	18.5	16.2	81		
87	22.5	21.5	20.5		23	21.7	20.4	22.8	20.9	19.6	22.5	20.5	18.7	20	19.8	17.7	18.2	17.9	15.9	87		
93	21.2	20.4	19.7		21.7	20.7	19.7	21.7	20.1	19	21.6	19.8	18.2	19.5	19.2	17.2	17.7	17.4	15.7	93		
99	19.9	19.3	18.8		20.6	19.7	19	20.6	19.3	18.4	20.7	19.1	17.7	18.9	18.6	16.8	17.2	16.7	15.5	99		
105	18.6	18.4	18		19.5	18.8	18.2	19.6	18.5	17.9	19.7	18.5	17.2	18.4	18.1	16.4	16.6	16.2	15.2	105		
111	17.6	17.4	17.3		18.4	18	17.5	18.7	17.8	17.3	18.8	17.8	16.8	17.8	17.5	16	16	15.6	14.8	111		
117	16.7	16.5	16.5		17.4	17.1	16.8	17.8	17	16.8	18.1	17.1	16.3	17.3	16.9	15.6	15.4	15	14.5	117		
123	15.7	15.7	15.7		16.6	16.3	16.2	16.9	16.4	16.2	17.3	16.5	15.9	16.7	16.3	15.2	14.8	14.5	14.1	123		
129	14.8	14.8	15		15.8	15.6	15.5	16	15.7	15.6	16.5	15.8	15.4	16.1	15.7	14.9	14.2	14	13.7	129		
135	14.1	14.1	14.2		14.9	14.9	14.9	15.2	15	15	15.7	15.2	15	15.5	15.2	14.5	13.6	13.5	13.3	135		
141	13.4	13.4	13.5		14.2	14.2	14.2	14.5	14.4	14.4	15	14.6	14.5	14.9	14.7	14.2	13	12.9	12.9	141		
147	12.7	12.7	12.9		13.6	13.5	13.6	13.7	13.7	13.8	14.3	14	14.1	14.3	14.1	13.9	12.4	12.4	12.5	147		
153	12	12.1	12.2		13	12.9	13	12.9	13.1	13.2	13.7	13.5	13.6	13.7	13.6	13.5	11.9	12	12.1	153		
159	11.5	11.5			12.4	12.4	12.5	12.4	12.5	12.6	13	13	13.1	13.2	13.1	13.2	11.3	11.5	11.6	159		
165	10.9	11			11.8	11.8	11.9	11.7	11.9	12	12.4	12.4	12.6	12.7	12.6	12.7	10.9	11	11.2	165		
171	10.4	10.4			11.3	11.3		11.1	11.3	11.5	11.9	11.9	12.1	12.1	12.1	12.3	10.4	10.5	10.7	171		
177	9.9	10			10.9	10.9		10.5	10.8	10.9	11.4	11.4	11.6	11.6	11.7	11.8	9.9	10	10.2	177		
183	7.1				10.4	10.5		10	10.2	10.3	10.8	10.9	11	11.2	11.2	11.4	9.4	9.6	9.8	183		
189					10	10.1		9.5	9.7		10.3	10.4	10.6	10.4	10.8	10.9	9	9.1	9.3	189		
195					7.6			9.1	9.2		9.9	10	10.1	9.5	10	10.2	8.6	8.7	8.9	195		
207											9	9.2		7.9	8.4	8.5	7.7	8	8.1	207		
219														6.5	6.9		6.3	6.7	6.8	219		
231																	5.1	5.4		231		

TAB 172291 / 172298 / 172305












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

																							
44 - 197 ft		23 ft		63 ft		360°		163100 lbs		85%													
44 ft + 23 ft		58 ft + 23 ft		72 ft + 23 ft		86 ft + 23 ft		100 ft + 23 ft		114 ft + 23 ft													
63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft		63 ft	
0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°	
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
14	41.2																						14
16	41																						16
18	40.8																						18
21	40.3																						21
24	39.6																						24
27	38.4																						27
30	36.7																						30
33	35																						33
36	33.4																						36
39	31.9	26.3																					39
45	28.8	24.5																					45
51	26.3	22.8																					51
57	24	21.2	18																				57
63	21.9	19.6	17.5																				63
69	20.1	18.1	16.8																				69
75	18.4	16.8	16.2																				75
81	16.8	15.6	15.4																				81
87	15.6	14.5	14.5																				87
93	14.4	13.6	13.7																				93
99	13.4	12.8	13																				99
105	12.5	12	12.4																				105
111	11.6	11.3	11.9																				111
117	10.8	10.7																					117
123																							123
129																							129
135																							135
141																							141
147																							147
153																							153
159																							159
165																							165
171																							171
177																							177
183																							183
189																							189

TAB 172291 / 172298 / 172305












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

		 44 – 197 ft			 23 ft			 63 ft						 360°			 163100 lbs			 85%	
 ft		128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			 ft	
		63 ft			63 ft			63 ft			63 ft			63 ft			63 ft				
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
30	21.8																			30	
33	21.8																			33	
36	21.8				20.4															36	
39	21.8				20.4			18.7												39	
45	21.6				20.4			18.7			17.2			15.8						45	
51	21.6				20.2			18.7			17.2			15.8			13.8			51	
57	21.2				20.1			18.7			17.2			15.8			13.8			57	
63	20.6	18.2			19.8	17.7		18.5			17.1			15.8			13.8			63	
69	20.1	17.8			19.3	17.3		18.2	16.3		16.9	15.5		15.6			13.8			69	
75	19.5	17.2	15		18.9	16.8		17.9	16.2		16.7	15.4		15.5	14.3		13.8			75	
81	18.8	16.6	14.9		18.4	16.3	14.3	17.5	15.9	13.8	16.4	15.2		15.4	14.2		13.7	12.9		81	
87	18.1	16	14.4		17.8	15.8	14.3	17.1	15.4	13.8	16.2	14.9	13.1	15.2	14		13.6	12.8		87	
93	17.4	15.4	14		17.2	15.3	14	16.6	14.9	13.6	15.9	14.5	13.1	15	13.8	12.4	13.5	12.6	11.2	93	
99	16.7	14.9	13.7		16.6	14.8	13.6	16.1	14.5	13.4	15.5	14.1	12.8	14.7	13.6	12.4	13.4	12.4	11.2	99	
105	16	14.4	13.3		16	14.3	13.3	15.6	14	13	15.1	13.7	12.6	14.4	13.3	12.1	13.3	12.4	11.2	105	
111	15.3	13.9	13		15.4	13.9	12.9	15.1	13.6	12.7	14.7	13.4	12.5	14.1	12.9	12.1	13	12.2	11.2	111	
117	14.6	13.4	12.7		14.8	13.4	12.6	14.6	13.2	12.4	14.3	13	12.2	13.8	12.6	11.9	12.6	11.9	11	117	
123	13.9	13	12.4		14.2	13	12.3	14.1	12.9	12.2	13.9	12.7	12	13.4	12.3	11.7	12.2	11.7	10.9	123	
129	13.2	12.6	12.1		13.6	12.7	12	13.6	12.5	11.9	13.5	12.4	11.7	13.1	12.1	11.5	11.9	11.4	10.7	129	
135	12.6	12.1	11.8		13	12.3	11.8	13.1	12.2	11.7	13	12	11.5	12.7	11.8	11.3	11.5	11.1	10.5	135	
141	11.9	11.7	11.5		12.5	11.9	11.6	12.6	11.8	11.5	12.6	11.7	11.3	12.4	11.5	11.1	11.1	10.8	10.3	141	
147	11.3	11.2	11.1		11.9	11.5	11.3	12.1	11.5	11.2	12.2	11.5	11.1	12	11.3	10.9	10.7	10.4	10.1	147	
153	10.7	10.7	10.8		11.3	11.1	11	11.5	11.2	11	11.7	11.2	10.9	11.6	11	10.8	10.3	10.1	9.9	153	
159	10.2	10.2	10.4		10.8	10.7	10.7	11	10.8	10.8	11.3	10.9	10.7	11.3	10.8	10.6	9.9	9.8	9.7	159	
165	9.7	9.8	9.9		10.3	10.3	10.4	10.5	10.4	10.5	10.8	10.6	10.6	10.9	10.5	10.4	9.5	9.5	9.5	165	
171	9.2	9.3	9.5		9.9	9.9	10	10	10.1	10.1	10.4	10.3	10.3	10.5	10.3	10.2	9	9.1	9.2	171	
177	8.7	8.8	9		9.4	9.4	9.6	9.6	9.7	9.8	10	9.9	10	10.1	10	10	8.7	8.8	8.9	177	
183	8.3	8.4			9	9	9.2	9.1	9.3	9.4	9.5	9.6	9.7	9.7	9.7	9.7	8.3	8.5	8.6	183	
189	7.9	8			8.6	8.6	8.8	8.7	8.8	9	9.1	9.2	9.4	9.3	9.3	9.5	7.9	8.1	8.3	189	
195	7.5	7.6			8.2	8.3		8.2	8.4	8.6	8.7	8.9	9	8.9	9	9.2	7.5	7.8	8	195	
207					7.5	7.6		7.4	7.6	7.7	8	8.1	8.3	8.1	8.4	8.6	6.8	7	7.2	207	
219								6.6	6.8		7.3	7.4	7.5	6.7	7.5	7.7	6.2	6.4	6.5	219	
231											6.6	6.7		5.5	6.1		5.2	5.7	5.9	231	
243														4.5	4.9		4.2	4.8		243	
255																	3.1	3.6		255	

TAB 172291 / 172298 / 172305



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

																																	
 ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft			 ft														
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft																	
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°															
14	23.3																		14														
16	23.3			22.1															16														
18	23.3			22.1			20.6												18														
21	23.3			22.1			20.6			19.6									21														
24	23.2			22.1			20.6			19.6			18.4						24														
27	23			22.1			20.6			19.6			18.4			17.7			27														
30	22.7			22			20.6			19.6			18.4			17.7			30														
33	22.4			21.8			20.6			19.6			18.4			17.7			33														
36	22.1			21.6			20.6			19.6			18.4			17.7			36														
39	21.7			21.3			20.4			19.6			18.4			17.7			39														
45	20.9	18.2		20.7	18		19.9			19.4			18.2			17.7			45														
51	20.1	17.5		20	17.4		19.4	17		19			18			17.5			51														
57	19.2	16.7		19.3	16.7		18.8	16.5		18.5	16.2		17.7	15.8		17.2			57														
63	18.4	16	13.1	18.6	16	13.1	18.2	15.9		18	15.8		17.3	15.5		16.9	15.1		63														
69	17.5	15.2	12.9	17.8	15.4	12.9	17.7	15.3	12.6	17.5	15.3		16.9	15.1		16.5	14.9		69														
75	16.7	14.6	12.5	17.1	14.8	12.6	17.1	14.8	12.4	16.9	14.8	12.3	16.4	14.6	12.2	16.1	14.5		75														
81	15.8	14	12.2	16.3	14.3	12.3	16.4	14.3	12.1	16.4	14.4	12.2	16	14.2	12.1	15.7	14.2	11.9	81														
87	14.9	13.4	11.9	15.5	13.8	12	15.8	13.9	12	15.9	14	12	15.5	13.9	11.9	15.3	13.8	11.9	87														
93	14	12.9	11.7	14.7	13.3	11.8	15.1	13.4	11.8	15.3	13.5	11.8	15	13.5	11.7	14.9	13.5	11.7	93														
99	13	12.3	11.6	13.9	12.8	11.6	14.3	13	11.6	14.7	13.1	11.7	14.5	13.2	11.6	14.4	13.1	11.6	99														
105	12.2	11.7	11.4	13.2	12.2	11.4	13.6	12.6	11.5	14.1	12.7	11.5	14.1	12.8	11.5	14	12.8	11.4	105														
111	11.4	11	11	12.4	11.7	11.2	12.9	12	11.4	13.4	12.3	11.3	13.5	12.4	11.4	13.6	12.4	11.3	111														
117	10.7	10.5	10.6	11.7	11.1	11	12.3	11.5	11.1	12.8	11.8	11.2	12.9	11.9	11.2	13.1	12	11.2	117														
123	10	9.9		11.1	10.6	10.6	11.7	11	10.8	12.2	11.4	11	12.3	11.5	11	12.7	11.6	11	123														
129	9.4			10.5	10.2	10.4	11.1	10.6	10.5	11.7	10.9	10.7	11.7	11.1	10.7	12.2	11.2	10.8	129														
135				9.9	9.7		10.6	10.2	10.2	11.2	10.5	10.5	11.2	10.7	10.5	11.7	10.9	10.5	135														
141				9.4			10.1	9.8		10.7	10.2	10.2	10.6	10.4	10.3	11.2	10.6	10.3	141														
147							9.6	9.4		10.3	9.9	10.1	10.1	10	10	10.8	10.3	10.1	147														
153							9.1			9.9	9.6		9.6	9.5	9.6	10.3	10	9.9	153														
159										9.5	9.3		9.1	9.1	9.3	9.8	9.6	9.7	159														
165										9.1			8.7	8.7		9.4	9.2	9.4	165														
171													8.3	8.3		9	8.9	9.1	171														
177													7.9	7.9		8.6	8.6	8.8	177														
183													7.6	7.7		8.3	8.3		183														
189																7.9	8		189														
195																7.6	7.8		195														

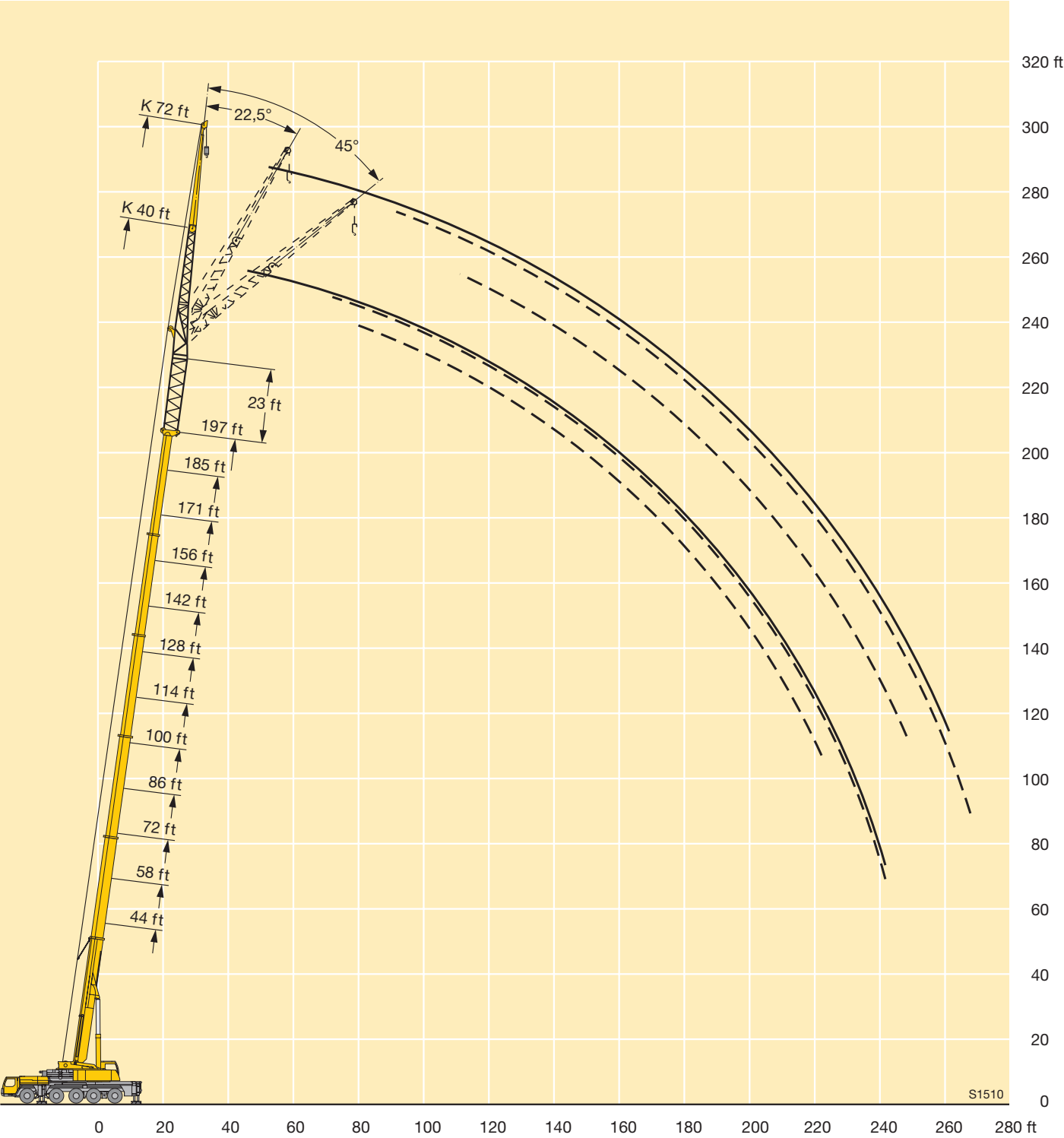


Lifting capacities on the folding jib with boom extension
Forces de levage à la flèche pliante avec télescope rallongé

<div><div><div><div></div><div>44 – 197 ft</div></div><div><div></div><div>23 ft</div></div><div><div></div><div>72 ft</div></div><div><div></div><div></div></div><div><div></div><div>360°</div></div><div><div></div><div>163100 lbs</div></div><div><div></div><div>85%</div></div></div></div>																				
<div><div></div><div>ft</div></div>	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			<div><div></div><div>ft</div></div>	
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft				
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
30	16.5																		30	
33	16.5																		33	
36	16.5				15.8														36	
39	16.5				15.8			14.8											39	
45	16.5				15.8			14.8			13.8			12.9					45	
51	16.5				15.8			14.8			13.8			12.9			11.4		51	
57	16.3				15.7			14.8			13.8			12.9			11.4		57	
63	16.1	14.8			15.5			14.7			13.8			12.9			11.4		63	
69	15.8	14.6			15.3	14.2		14.6			13.7			12.8			11.4		69	
75	15.5	14.2			15	14		14.4	13.3		13.6	12.9		12.7			11.4		75	
81	15.2	13.9	11.6		14.8	13.7		14.1	13.3		13.5	12.8		12.6	12.1		11.4		81	
87	14.8	13.5	11.6		14.5	13.4	11.4	13.9	13.1		13.3	12.6		12.6	12.1		11.4	10.9	87	
93	14.5	13.3	11.6		14.2	13.1	11.4	13.7	12.9	11.2	13.1	12.6	10.9	12.4	12.1		11.3	10.9	93	
99	14.1	13	11.5		13.8	12.9	11.4	13.4	12.6	11.2	12.9	12.3	10.9	12.3	11.9	10.7	11.2	10.9	99	
105	13.7	12.6	11.4		13.5	12.6	11.2	13.1	12.3	11.2	12.7	12.1	10.9	12.1	11.6	10.7	11.1	10.9	105	
111	13.4	12.3	11.2		13.2	12.2	11.2	12.9	12	10.9	12.5	11.8	10.9	11.9	11.4	10.7	11	10.7	9.9	111
117	13	11.9	11.1		12.9	11.9	11.1	12.6	11.7	10.9	12.2	11.5	10.8	11.7	11.1	10.5	10.9	10.5	9.9	117
123	12.6	11.6	10.9		12.5	11.5	10.9	12.3	11.4	10.7	12	11.2	10.6	11.5	10.9	10.4	10.7	10.3	9.9	123
129	12.1	11.2	10.7		12.2	11.2	10.7	12	11.1	10.5	11.7	10.9	10.4	11.4	10.6	10.2	10.5	10.1	9.8	129
135	11.7	10.9	10.5		11.8	10.9	10.5	11.7	10.8	10.4	11.5	10.7	10.2	11.2	10.4	10	10.4	9.9	9.6	135
141	11.3	10.6	10.3		11.5	10.6	10.3	11.4	10.5	10.2	11.2	10.4	10.1	10.9	10.2	9.8	10.2	9.7	9.5	141
147	10.8	10.3	10.1		11.1	10.4	10.1	11.1	10.3	10	10.9	10.2	9.9	10.7	10	9.7	10	9.5	9.3	147
153	10.4	10	9.9		10.7	10.1	9.9	10.7	10.1	9.8	10.7	10	9.7	10.4	9.8	9.6	9.7	9.4	9.2	153
159	9.9	9.8	9.7		10.3	9.8	9.7	10.4	9.8	9.7	10.4	9.7	9.6	10.2	9.6	9.4	9.4	9.2	9	159
165	9.5	9.5	9.6		9.9	9.6	9.6	10	9.6	9.5	10.1	9.6	9.5	10	9.4	9.3	9	9	8.9	165
171	9	9.1	9.3		9.5	9.4	9.4	9.7	9.3	9.4	9.8	9.3	9.3	9.7	9.2	9.2	8.7	8.7	8.7	171
177	8.5	8.7	8.8		9.1	9.1	9.2	9.3	9.1	9.2	9.5	9.1	9.2	9.4	9	9.1	8.4	8.4	8.5	177
183	8.1	8.3	8.5		8.7	8.8	8.9	8.9	8.9	9	9.2	8.9	9	9.1	8.8	9	8	8.1	8.3	183
189	7.8	7.9			8.3	8.4	8.6	8.5	8.6	8.8	8.8	8.7	8.8	8.9	8.6	8.9	7.7	7.8	8	189
195	7.4	7.5			8	8.1	8.3	8.1	8.3	8.5	8.5	8.5	8.7	8.6	8.5	8.7	7.3	7.6	7.8	195
207	6.7	6.8			7.4	7.4		7.3	7.5	7.7	7.8	7.9	8.1	8	8	8.3	6.7	6.9	7.2	207
219					6.7	6.9		6.6	6.8		7.1	7.3	7.5	7.1	7.5	7.8	6	6.3	6.5	219
231								5.9			6.5	6.7		5.9	6.6	6.8	5.5	5.7	5.9	231
243											5.9	6.1		4.9	5.3		4.5	5.1	5.2	243
255														3.8	4.3		3.5	4.1		255
267																	2.5	3		267









TAB 172291 / 172298 / 172305

Lifting heights
Hauteurs de levage





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

<div><div></div><div></div><div></div><div></div><div></div><div></div></div>																			
 ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft			 ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
18	26			23															18
21	26			23			20.6												21
24	25.9			23			20.6			19.4									24
27	25.6			23			20.6			19.4			17.5						27
30	25.2			23			20.6			19.4			17.5			16.5			30
33	24.6			22.8			20.6			19.4			17.5			16.5			33
36	23.9			22.6			20.6			19.4			17.5			16.5			36
39	23.2			22.3			20.5			19.2			17.5			16.5			39
45	21.7			21.5			20			19			17.4			16.5			45
51	20.2	16		20.6			19.5			18.6			17.2			16.3			51
57	18.7	15.2		19.5	14.9		18.7	14.6		18.1			16.9			16.1			57
63	17.3	14.3		18.3	14.3		17.8	14		17.5	13.6		16.6			15.8			63
69	16	13.4		17.2	13.5		16.9	13.3		16.7	13.3		16.1	12.7		15.5	12.4		69
75	14.8	12.6	9.8	16.1	12.8	9.8	16	12.7		15.9	12.7		15.4	12.5		15	12.2		75
81	13.7	11.9	9.6	15	12.2	9.6	15.1	12.1	9.2	15.1	12.2	9.2	14.7	12		14.5	11.7		81
87	12.7	11.3	9.3	14	11.6	9.3	14.2	11.6	9.2	14.4	11.7	9.2	14	11.5	9	13.9	11.3		87
93	11.7	10.7	9	13.2	11	9	13.4	11.1	9	13.6	11.2	9	13.4	11.1	8.9	13.3	11.1	8.7	93
99	10.8	10.2	8.7	12.3	10.5	8.8	12.6	10.6	8.8	12.9	10.8	8.8	12.8	10.7	8.7	12.8	10.7	8.7	99
105	10.1	9.7	8.4	11.4	10	8.5	11.9	10.2	8.6	12.2	10.4	8.6	12.2	10.4	8.5	12.3	10.4	8.5	105
111	9.3	9.3	8.3	10.8	9.7	8.3	11.2	9.8	8.4	11.6	10	8.4	11.6	10	8.4	11.7	10.1	8.4	111
117	8.7	8.8	8.1	10.1	9.3	8.2	10.5	9.4	8.2	11	9.7	8.2	11.1	9.7	8.2	11.2	9.8	8.2	117
123	8.1	8.3	8	9.5	8.9	8.1	10	9.1	8.1	10.4	9.3	8.1	10.6	9.4	8.1	10.7	9.5	8.1	123
129	7.6	7.9	7.9	8.9	8.4	8	9.5	8.7	8	9.9	9	8	10.1	9	8	10.3	9.2	8	129
135	7.1	7.5		8.4	8	7.9	8.9	8.3	7.9	9.4	8.6	7.9	9.7	8.7	7.9	9.9	8.9	7.9	135
141	6.7			7.9	7.6	7.7	8.5	8	7.8	9	8.3	7.8	9.2	8.4	7.8	9.5	8.6	7.8	141
147				7.5	7.3		8.1	7.7	7.7	8.6	8	7.7	8.8	8.1	7.7	9.1	8.3	7.8	147
153				7			7.7	7.4		8.2	7.7	7.6	8.4	7.8	7.6	8.7	8	7.7	153
159							7.3	7.1		7.8	7.4	7.5	8	7.5	7.5	8.4	7.7	7.5	159
165							6.9			7.5	7.2		7.6	7.3	7.4	8.1	7.5	7.4	165
171										7.1	7		7.2	7.1	7.2	7.7	7.3	7.3	171
177										6.8	6.8		6.9	6.8	7	7.4	7.1	7.2	177
183										6.6	6.8		6.5	6.5		7.1	6.9	7.1	183
189													6.2	6.2		6.8	6.7	6.9	189
195													5.9	6		6.5	6.5		195
207																5.9	6.1		207

TAB 172291 / 172298 / 172305



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

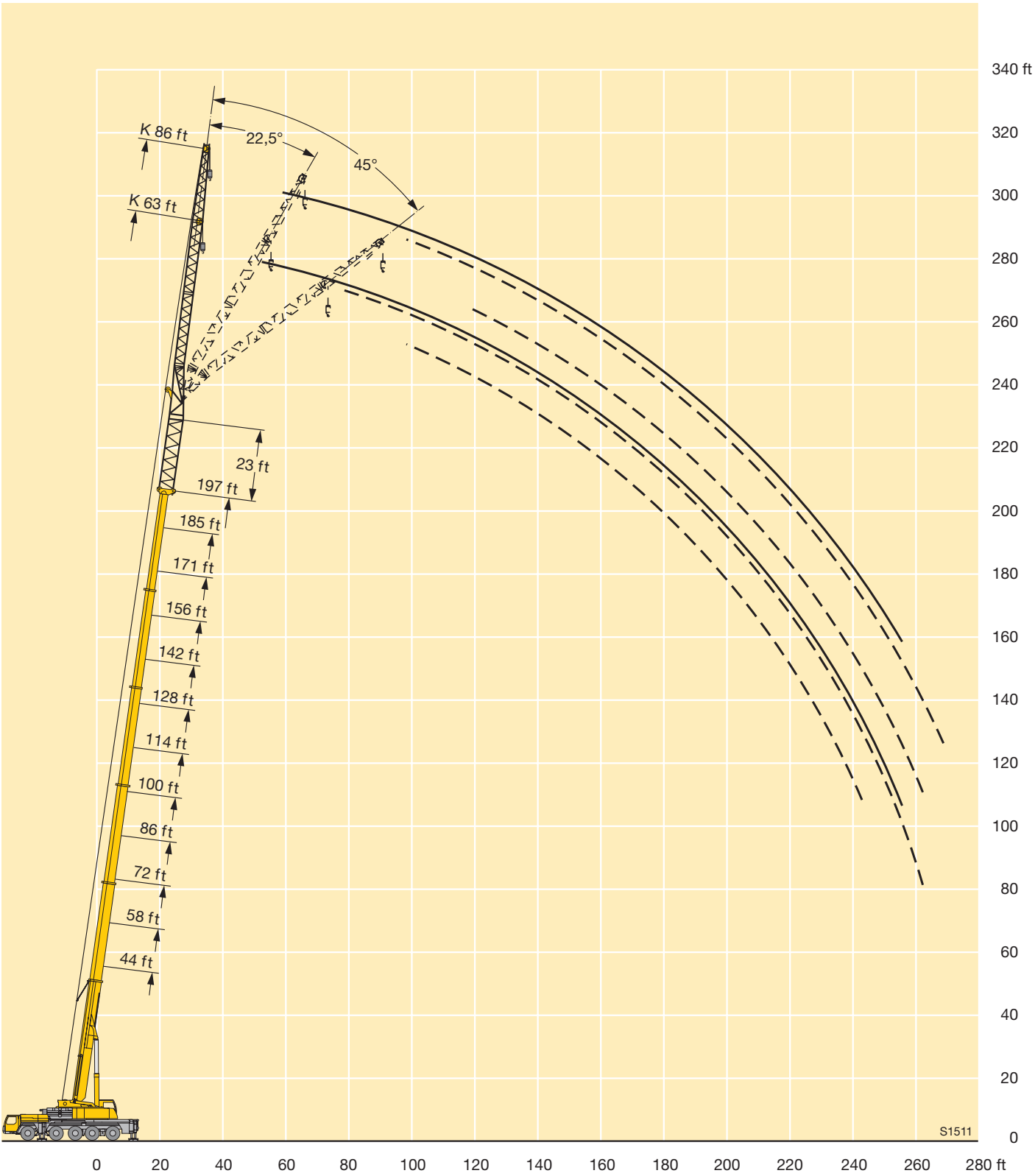
		44 – 197 ft				23 ft				86 ft				360°				163100 lbs		85%	
	ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft				ft
		86 ft			86 ft			86 ft			86 ft			86 ft			86 ft				
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
36	15																				36
39	15				14.3																39
45	15				14.3			13.1			12.1										45
51	15				14.3			13.1			12.1			11.2							51
57	15				14.3			13.1			12.1			11.2			9.7				57
63	14.8				14.2			13.1			12.1			11.2			9.7				63
69	14.5				14			13			12.1			11.1			9.7				69
75	14.2	11.6			13.7	11.6		12.8			12			11			9.7				75
81	13.8	11.6			13.4	11.5		12.6	10.7		11.9	10.4		10.9			9.7				81
87	13.4	11.3			13.1	11.1		12.4	10.7		11.7	10.4		10.9	9.7		9.7				87
93	12.9	10.9	8.5		12.7	10.8		12.1	10.6		11.4	10.2		10.7	9.7		9.6	8.7			93
99	12.5	10.6	8.5		12.3	10.5	8.4	11.8	10.3	8	11.2	10.1		10.6	9.7		9.5	8.7			99
105	12	10.3	8.3		11.9	10.2	8.4	11.5	10	8	11	9.9		10.5	9.5		9.4	8.7			105
111	11.6	10	8.3		11.5	9.9	8.2	11.1	9.8	8	10.7	9.6	7.8	10.3	9.3		9.3	8.5			111
117	11.1	9.7	8.1		11.1	9.7	8.1	10.8	9.5	8	10.4	9.3	7.8	10	9.1	7.8	9.2	8.5	7.3		117
123	10.7	9.4	8		10.7	9.4	8	10.5	9.3	7.9	10.2	9.1	7.8	9.8	8.8	7.7	9	8.3	7.3		123
129	10.3	9.1	7.9		10.4	9.1	7.9	10.1	9	7.8	9.9	8.8	7.7	9.5	8.6	7.6	8.8	8.1	7.3		129
135	9.9	8.8	7.9		10	8.8	7.8	9.8	8.8	7.7	9.6	8.6	7.6	9.3	8.4	7.5	8.6	7.9	7.3		135
141	9.5	8.6	7.8		9.6	8.6	7.7	9.5	8.5	7.7	9.3	8.4	7.6	9	8.2	7.5	8.4	7.7	7.2		141
147	9.2	8.3	7.7		9.3	8.3	7.7	9.2	8.2	7.6	9.1	8.2	7.5	8.8	8	7.4	8.2	7.6	7.1		147
153	8.8	8	7.6		9	8.1	7.6	8.9	8	7.5	8.8	8	7.4	8.5	7.8	7.3	8	7.4	7		153
159	8.5	7.8	7.5		8.7	7.9	7.5	8.6	7.8	7.4	8.5	7.7	7.3	8.4	7.6	7.2	7.8	7.3	6.9		159
165	8.2	7.6	7.4		8.4	7.6	7.4	8.4	7.6	7.3	8.3	7.6	7.2	8.1	7.4	7.1	7.5	7.1	6.8		165
171	7.8	7.4	7.3		8.1	7.4	7.3	8.1	7.4	7.2	8.1	7.4	7.1	7.9	7.2	7	7.3	7	6.8		171
177	7.5	7.1	7.2		7.8	7.2	7.2	7.9	7.2	7.1	7.9	7.2	7	7.7	7.1	6.9	7.1	6.8	6.7		177
183	7.1	6.9	7		7.5	7.1	7.1	7.6	7.1	7	7.6	7	6.9	7.5	6.9	6.8	6.9	6.6	6.6		183
189	6.8	6.7	6.9		7.2	6.9	7	7.3	6.9	6.9	7.5	6.9	6.8	7.4	6.8	6.8	6.7	6.5	6.5		189
195	6.5	6.4	6.7		6.9	6.7	6.8	7	6.8	6.9	7.2	6.7	6.8	7.2	6.6	6.7	6.4	6.3	6.4		195
207	5.8	5.9			6.4	6.3	6.5	6.4	6.4	6.6	6.7	6.5	6.7	6.8	6.4	6.6	5.8	5.9	6.1		207
219	5.3	5.4			5.8	5.8		5.8	5.9	6.1	6.2	6.1	6.4	6.4	6.2	6.5	5.2	5.4	5.7		219
231					5.3			5.2	5.4		5.6	5.7	6	5.6	5.9	6.2	4.7	4.9	5.1		231
243								4.6			5.1	5.3		4.6	5.3	5.6	4.2	4.4	4.6		243
255											4.6	4.8		3.5	4.3	4.3	3.2	4	4.1		255
267														2.6	3.1		2.9				267

TAB 172291 / 172298 / 172305

TAB 172291 / 172298 / 172305















Lifting heights
Hauteurs de levage





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

																							
44 – 197 ft		23 ft		95 ft		360°		163100 lbs		85%													
44 ft + 23 ft		58 ft + 23 ft		72 ft + 23 ft		86 ft + 23 ft		100 ft + 23 ft		114 ft + 23 ft													
95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft		95 ft	
0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°		0°		22,5°		45°	
ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft		ft	
18	17.2																						18
21	17.2																						21
24	17.2																						24
27	17.2																						27
30	17.2																						30
33	17.2																						33
36	17.2																						36
39	17.1																						39
45	16.6																						45
51	16																						51
57	15.3	12.7																					57
63	14.6	12.2																					63
69	13.9	11.5																					69
75	13.1	10.9																					75
81	12.4	10.3	8																				81
87	11.7	9.8	8																				87
93	11.1	9.4	7.8																				93
99	10.4	8.9	7.5																				99
105	9.8	8.5	7.3																				105
111	9.2	8.1	7.1																				111
117	8.6	7.8	6.9																				117
123	8.1	7.5	6.8																				123
129	7.6	7.3	6.7																				129
135	7.1	7	6.7																				135
141	6.6	6.7																					141
147	6.2	6.4																					147
153																							153
159																							159
165																							165
171																							171
177																							177
183																							183
189																							189
195																							195
207																							207
219																							219

TAB 172291 / 172298 / 172305

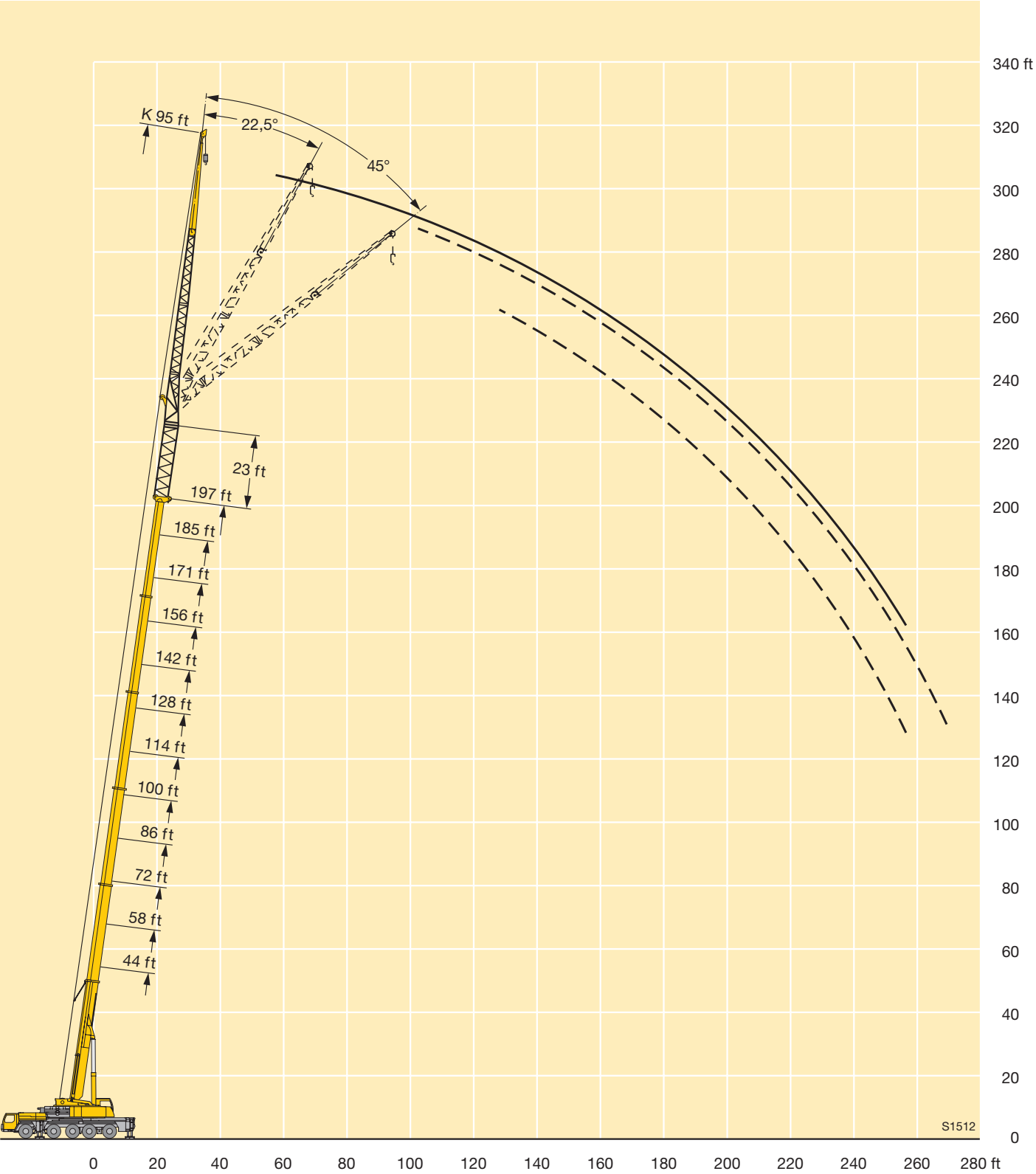


Lifting capacities on the folding jib with boom extension
Forces de levage à la flèche pliante avec télescope rallongé

<div><div><div>44 – 197 ft</div><div>23 ft</div><div>95 ft</div><div></div><div>360°</div><div>163100 lbs</div><div>85%</div></div></div>																		
<div><div><div></div><div>ft</div></div></div>	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft		<div><div><div></div><div>ft</div></div></div>
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft		
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	
36	12.1																36	
39	12.1			11.4													39	
45	12.1			11.4			10.7										45	
51	12.1			11.4			10.7			9.9			9.2				51	
57	12.1			11.4			10.7			9.9			9.2			8	57	
63	12			11.4			10.7			9.9			9.2			8	63	
69	11.9			11.4			10.7			9.9			9.2			8	69	
75	11.7	10		11.3			10.6			9.9			9.2			8	75	
81	11.5	9.8		11.1	9.5		10.5			9.9			9.2			8	81	
87	11.3	9.4		11	9.4		10.4	9		9.9	8.5		9.2			8	87	
93	11	9.3		10.8	9.2		10.3	8.9		9.8	8.5		9.1	8		8	93	
99	10.7	9	7.1	10.5	8.9		10.1	8.7		9.7	8.5		9.1	8		8	7.3	99
105	10.4	8.7	7.1	10.3	8.7		9.9	8.5		9.6	8.3		9	8		8	7.3	105
111	10.1	8.5	7	10	8.4	6.8	9.7	8.3	6.6	9.4	8.1		9	7.8		8	7.3	111
117	9.8	8.2	6.9	9.7	8.2	6.8	9.4	8.1	6.6	9.2	8	6.3	8.8	7.7		8	7.1	117
123	9.5	8	6.8	9.5	8	6.7	9.2	7.9	6.6	8.9	7.8	6.3	8.6	7.6		7.9	7	123
129	9.2	7.8	6.7	9.2	7.8	6.6	9	7.7	6.5	8.7	7.6	6.3	8.4	7.4	6.3	7.8	7	129
135	8.9	7.6	6.6	8.9	7.7	6.5	8.7	7.6	6.5	8.5	7.4	6.3	8.2	7.3	6.3	7.6	7	135
141	8.6	7.5	6.5	8.6	7.5	6.5	8.5	7.4	6.4	8.3	7.3	6.3	8	7.1	6.2	7.4	6.9	141
147	8.3	7.3	6.5	8.3	7.3	6.4	8.2	7.3	6.4	8.1	7.2	6.3	7.8	7	6.2	7.2	6.8	147
153	8	7.1	6.4	8	7.1	6.4	8	7.1	6.3	7.8	7	6.2	7.6	6.9	6.1	7.1	6.6	153
159	7.7	7	6.4	7.8	7	6.3	7.7	7	6.3	7.6	6.9	6.2	7.4	6.8	6.1	6.9	6.5	159
165	7.5	6.8	6.3	7.6	6.8	6.3	7.5	6.8	6.2	7.4	6.8	6.1	7.3	6.6	6.1	6.8	6.4	165
171	7.2	6.6	6.3	7.3	6.7	6.3	7.3	6.6	6.2	7.2	6.6	6.1	7.1	6.5	6	6.6	6.2	171
177	7	6.5	6.3	7.1	6.5	6.3	7.1	6.5	6.2	7	6.5	6.1	6.9	6.4	6	6.5	6.1	177
183	6.7	6.3	6.3	6.8	6.4	6.2	6.9	6.3	6.2	6.9	6.3	6.1	6.7	6.2	6	6.4	6	183
189	6.5	6.1	6.2	6.6	6.2	6.2	6.7	6.2	6.1	6.7	6.2	6	6.6	6.1	6	6.2	5.9	189
195	6.2	6	6.2	6.4	6.1	6.1	6.5	6.1	6.1	6.5	6	6	6.4	6	5.9	6.1	5.8	195
207	5.7	5.7		6	5.8	6	6	5.8	6	6.2	5.8	5.9	6.1	5.7	5.8	5.6	5.6	207
219	5.1	5.3		5.6	5.6		5.6	5.5	5.8	5.8	5.6	5.8	5.8	5.5	5.8	5.1	5.3	219
231				5.1	5.2		5.1	5.2	5.5	5.4	5.3	5.6	5.5	5.3	5.7	4.5	4.8	231
243							4.6	4.8		5	5.1	5.4	4.9	5.1	5.5	4.1	4.4	243
255							4.2	4.3		4.6	4.7		3.9	4.7	4.9	3.5	4	255
267										4.1	4.4		2.9	3.7		2.6	3.4	267
279														2.6			2.4	279

TAB 172291 / 172298 / 172305

Lifting heights
Hauteurs de levage





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

		44 – 197 ft			23 ft			118 ft						360°			163100 lbs			85%				
	ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft				ft			
		118 ft			118 ft			118 ft			118 ft			118 ft			118 ft							
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°					
21	12.6																			21				
24	12.6				11.9															24				
27	12.6				11.9			10.9												27				
30	12.6				11.9			10.9			10.4									30				
33	12.6				11.9			10.9			10.4									33				
36	12.6				11.9			10.9			10.4			9.7						36				
39	12.6				11.9			10.9			10.4			9.7			9.2			39				
45	12.3				11.8			10.9			10.4			9.7			9.2			45				
51	11.9				11.5			10.8			10.4			9.7			9.2			51				
57	11.4				11.1			10.6			10.3			9.7			9.2			57				
63	10.8				10.7			10.3			10			9.5			9.2			63				
69	10.3	8			10.2	8.1		9.9			9.7			9.3			9			69				
75	9.7	7.8			9.7	7.9		9.5	7.3		9.4			9			8.8			75				
81	9.2	7.4			9.3	7.4		9.1	7.2		9	7		8.7	6.8		8.5			81				
87	8.6	7			8.8	7		8.7	6.9		8.6	6.9		8.4	6.8		8.3	6.3		87				
93	8.1	6.6			8.3	6.7		8.3	6.6		8.3	6.6		8.1	6.5		8	6.3		93				
99	7.7	6.3	4.8		7.9	6.3	4.8	7.9	6.3		7.9	6.3		7.8	6.2		7.7	6.1		99				
105	7.2	5.9	4.8		7.5	6	4.8	7.5	6		7.6	6		7.5	6		7.4	5.9		105				
111	6.8	5.6	4.7		7.1	5.7	4.7	7.1	5.8	4.6	7.3	5.8	4.6	7.2	5.7		7.2	5.7		111				
117	6.3	5.3	4.5		6.7	5.5	4.5	6.8	5.5	4.4	6.9	5.5	4.5	6.9	5.5	4.4	6.9	5.5		117				
123	6	5.1	4.4		6.3	5.2	4.4	6.5	5.2	4.4	6.6	5.3	4.4	6.6	5.3	4.3	6.6	5.3	4.3	123				
129	5.6	4.9	4.3		6	5	4.3	6.2	5.1	4.3	6.3	5.1	4.3	6.3	5.1	4.3	6.4	5.1	4.2	129				
135	5.3	4.7	4.2		5.7	4.8	4.2	5.9	4.9	4.2	6	4.9	4.2	6.1	4.9	4.2	6.1	5	4.2	135				
141	4.9	4.5	4.1		5.3	4.6	4.1	5.6	4.7	4.1	5.8	4.8	4.1	5.9	4.8	4.1	5.9	4.8	4.1	141				
147	4.6	4.4	4		5	4.5	4	5.3	4.6	4	5.5	4.6	4	5.6	4.6	4	5.7	4.7	4	147				
153	4.4	4.2	4		4.8	4.3	4	5.1	4.4	4	5.2	4.5	4	5.4	4.5	4	5.5	4.5	4	153				
159	4.1	4.1	4		4.5	4.2	4	4.8	4.3	3.9	5	4.4	3.9	5.1	4.4	3.9	5.3	4.4	3.9	159				
165	3.9	4			4.3	4.1	4	4.6	4.2	3.9	4.8	4.3	3.9	5	4.3	3.9	5.1	4.3	3.9	165				
171	3.7				4.1	4		4.4	4.1	3.9	4.6	4.1	3.9	4.8	4.2	3.8	4.9	4.2	3.8	171				
177	3.5				3.8	4		4.2	4	3.9	4.4	4.1	3.9	4.6	4.1	3.8	4.7	4.2	3.8	177				
183					3.7	4		4	3.9	3.9	4.3	4	3.9	4.5	4	3.8	4.6	4.1	3.8	183				
189					3.6			3.8	3.9		4.1	3.9	3.9	4.3	3.9	3.8	4.4	4	3.8	189				
195								3.7	3.9		4	3.9	3.9	4.2	3.9	3.8	4.3	3.9	3.8	195				
207											3.7	3.9		3.9	3.8		4.1	3.8	3.8	207				
219														3.6	3.8		3.8	3.8		219				
231																	3.6	3.7		231				

TAB 172291 / 172298 / 172305



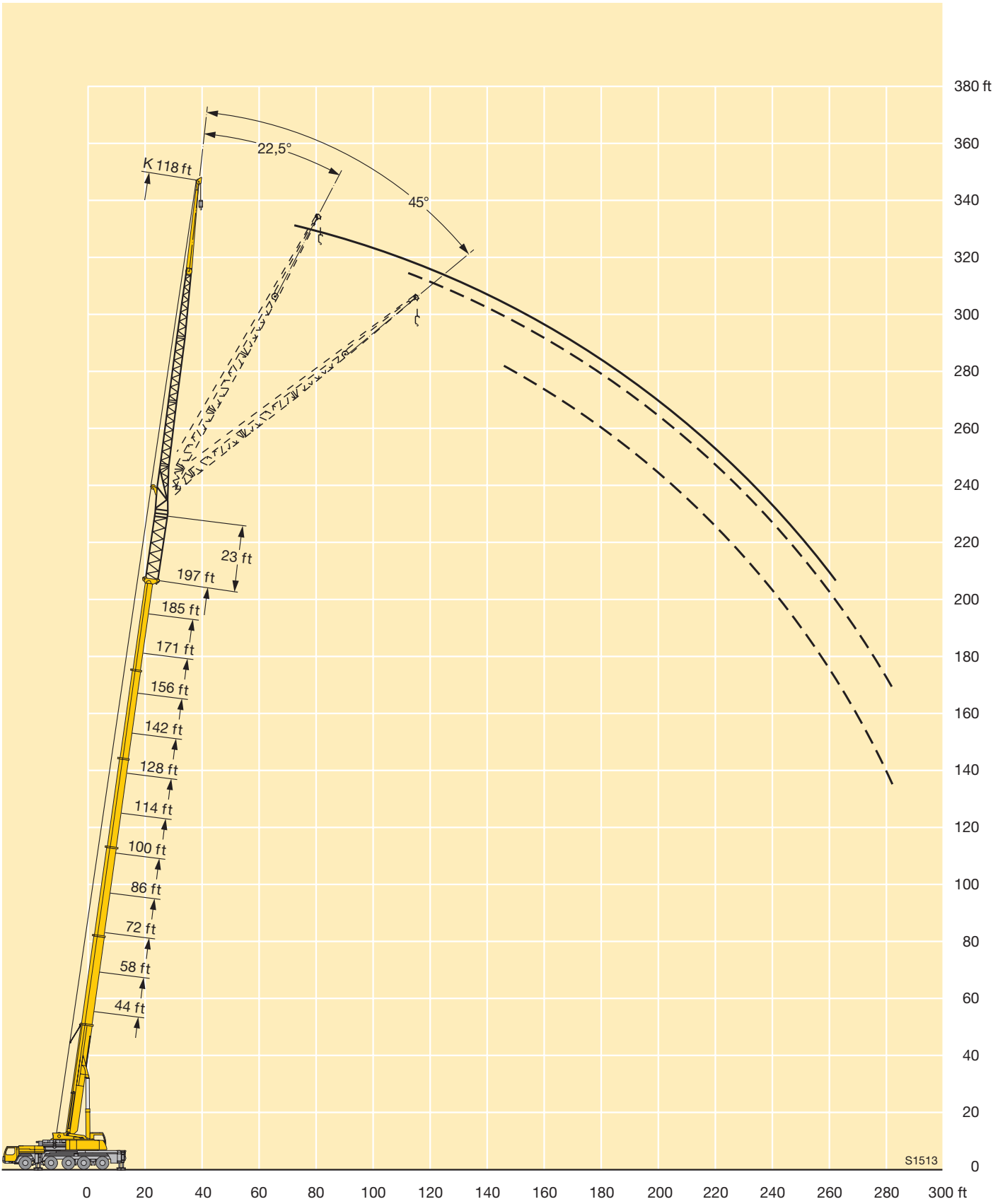
Lifting capacities on the folding jib with boom extension
Forces de levage à la fléchette pliante avec télescope rallongé

<div><div>44 – 197 ft</div><div>23 ft</div><div>118 ft</div><div></div><div>360°</div><div>163100 lbs</div><div>85%</div></div>																	
<div><div></div><div>ft</div></div>	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft	<div><div></div><div>ft</div></div>
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft	
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	
45	8.5			8													45
51	8.5			8			7.5			6.8							51
57	8.5			8			7.5			6.8			6.1				57
63	8.5			8			7.5			6.8			6.1				63
69	8.5			8			7.5			6.8			6.1			4.9	69
75	8.3			8			7.5			6.8			6.1			4.9	75
81	8.1			7.9			7.4			6.8			6.1			4.9	81
87	7.9	6.3		7.7			7.3			6.8			6.1			4.9	87
93	7.7	6.3		7.5	5.8		7.2			6.8			6.1			4.9	93
99	7.5	6		7.3	5.8		7	5.6		6.6	5.1		6.1			4.9	99
105	7.2	5.8		7.1	5.6		6.9	5.6		6.5	5.1		6			4.9	105
111	7	5.6		6.9	5.5		6.7	5.4		6.4	5.1		6	4.9		4.9	111
117	6.8	5.4		6.7	5.4		6.5	5.3		6.3	5.1		5.9	4.9		4.9	117
123	6.5	5.2	4.1	6.5	5.2		6.3	5.1		6.1	5		5.8	4.9		4.9	123
129	6.3	5.1	4.1	6.3	5.1	4.1	6.1	5	3.9	6	4.9		5.7	4.8		4.9	129
135	6.1	4.9	4.1	6.1	4.9	4.1	6	4.9	3.9	5.8	4.8	3.6	5.5	4.7		4.9	135
141	5.9	4.8	4.1	5.9	4.8	4	5.8	4.7	3.9	5.7	4.7	3.6	5.4	4.6	3.6	4.9	141
147	5.7	4.7	4	5.7	4.7	3.9	5.6	4.6	3.9	5.5	4.6	3.6	5.3	4.5	3.6	4.9	147
153	5.5	4.5	3.9	5.5	4.5	3.9	5.4	4.5	3.9	5.3	4.5	3.6	5.1	4.4	3.6	4.8	153
159	5.3	4.4	3.9	5.3	4.4	3.9	5.3	4.4	3.8	5.2	4.4	3.6	5	4.3	3.6	4.8	159
165	5.1	4.3	3.8	5.1	4.3	3.8	5.1	4.3	3.8	5.1	4.3	3.6	4.9	4.2	3.6	4.7	165
171	5	4.3	3.8	5	4.3	3.8	4.9	4.2	3.7	4.9	4.2	3.6	4.8	4.1	3.6	4.6	171
177	4.8	4.1	3.8	4.9	4.2	3.7	4.8	4.1	3.7	4.8	4.1	3.6	4.7	4.1	3.6	4.5	177
183	4.6	4.1	3.7	4.7	4.1	3.7	4.7	4.1	3.7	4.6	4	3.6	4.6	4	3.4	4.4	183
189	4.5	4	3.7	4.6	4	3.7	4.6	4	3.6	4.5	3.9	3.6	4.5	3.9	3.4	4.3	189
195	4.4	3.9	3.7	4.4	3.9	3.7	4.5	3.9	3.6	4.4	3.9	3.6	4.4	3.8	3.4	4.2	195
207	4.2	3.8	3.7	4.2	3.8	3.7	4.2	3.8	3.6	4.2	3.8	3.6	4.2	3.7	3.4	4.1	207
219	3.9	3.7	3.7	4	3.7	3.7	4	3.7	3.6	4	3.7	3.6	4	3.6	3.4	3.8	219
231	3.7	3.7		3.8	3.7	3.7	3.8	3.6	3.6	3.9	3.6	3.6	3.8	3.5	3.4	3.5	231
243	3.5	3.6		3.6	3.6		3.7	3.6	3.6	3.7	3.5	3.6	3.7	3.5	3.4	3.2	243
255				3.5	3.6		3.4	3.5	3.6	3.5	3.5	3.6	3.5	3.4	3.4	2.9	255
267				3.3			3.1	3.3		3.4	3.4	3.6	2.9	3.4	3.4	2.5	267
279							2.8			3.1	3.2			3	3.2		279

TAB 172291 / 172298 / 172305











Lifting heights
Hauteurs de levage





Lifting capacities on the hydraulically variable folding jib
with boom extension

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

																					
	ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft				ft
		40 ft			40 ft			40 ft			40 ft			40 ft			40 ft				
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
10		46.3																			10
12		46.3			46.3																12
14		46.3			46.3																14
16		46.3			46.3			46.3													16
18		46.3			46.3			46.3			46.3										18
21		46.3			46.3			46.3			46.3			41.6							21
24		46.3	41.8		46.3			46.3			46.2			41.5			38.2				24
27		46.3	41.3		46.3	40.2		46.3			45.6			41.2			38.1				27
30		46.1	39		46.2	39.9		46	37.5		44.3			40.7			37.9				30
33		45	37		45.6	38		44	37.4		42.9			39.7			37.6				33
36		42.1	35.2	25.7	43.5	36.3		42.1	35.9		41.5	35.3		38.8			36.9				36
39		39.8	33.6	25.7	41.3	34.8	25.7	40.3	34.5		39.9	34.1		37.8	32.7		36.2				39
45		35.6	30.9	25.7	37.3	32.1	25.7	37	32.1	25.7	37	32	25.7	35.6	31		34.6	30.1			45
51		32.1	28.6	24.8	34	29.9	25.2	33.7	29.9	25.4	34.5	30.1	25.6	33.2	29.3	25.6	32.8	28.9			51
57		29.1	26.5	23.8	31	27.8	24.4	30.9	27.7	24.6	32.1	28.2	25	30.8	27.8	25	30.9	27.5	24.4		57
63		26.4	24.6	23	28.6	26	23.5	28.2	25.6	23.7	29.8	26.5	24.2	28.3	26.3	24.1	28.9	26.3	23.8		63
69		24.2	22.7	22	26.4	24.2	22.8	25.8	23.8	22.7	27.6	24.7	23.2	26.1	24.7	23.1	26.9	25	23		69
75		22.3	21	21	24.4	22.6	21.9	23.8	22.1	21.5	25.6	23.2	22.1	24.2	23.1	22.1	25.1	23.7	22.1		75
81		20.4	19.5	19.9	22.7	21.2	21	22	20.7	20.3	23.8	21.8	21	22.4	21.6	21.1	23.4	22.3	21.3		81
87		18.8	18.2	18.5	21.1	19.9	20	20.3	19.4	19.2	22.3	20.6	20	20.8	20.2	20	22	20.9	20.3		87
93		17.3			19.7	18.7	19	19	18.2	18.2	20.8	19.5	19.1	19.5	18.9	18.9	20.6	19.8	19.4		93
99					18.4	17.7		17.7	17.2	17.3	19.5	18.5	18.2	18.3	17.8	17.8	19.4	18.7	18.4		99
105					17.1	16.7		16.5	16.2	16.4	18.4	17.6	17.4	17	16.8	16.8	18.3	17.6	17.5		105
111					16.1	16.1		15.5	15.3	15.6	17.3	16.8	16.8	16.1	15.8	15.9	17.3	16.8	16.6		111
117								14.6	14.5		16.4	16	16.1	15.2	14.9	15	16.3	15.9	15.9		117
123								13.8	13.8		15.6	15.3		14.3	14.1	14.3	15.5	15.1	15.1		123
129											14.8	14.6		13.5	13.4	13.5	14.7	14.4	14.5		129
135											14.1	14.1		12.8	12.7		14	13.8	13.8		135
141														12.2	12.1		13.3	13.1	13.3		141
147														11.5	11.6		12.7	12.6			147
153																	12.2	12.1			153
159																	11.6	11.6			159








TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension

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

<div><div>44 – 197 ft</div><div>23 ft</div><div>40 ft</div><div>360°</div><div>163100 lbs</div><div><div>85%</div></div></div>																			
 ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			 ft
	40 ft			40 ft			40 ft			40 ft			40 ft			40 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
27	34.2																		27
30	34.2			31.7															30
33	34			31.7															33
36	33.8			31.6			27.7												36
39	33.4			31.4			27.7			25.5									39
45	32.4			30.8			27.7			25.5			21.3			18.7			45
51	31.1	27.5		30.1	26.9		27.7			25.5			21.3			18.7			51
57	29.7	26.7	23.5	29.1	26.1		27.3	24		25.3	22.6		21.3			18.7			57
63	28.3	25.6	23.1	27.8	25.2	22.4	26.6	23.5	21.1	25.1	22.4		21.3	20.6		18.7			63
69	26.7	24.5	22.4	26.6	24.2	22	25.6	22.8	21	24.7	22	19.4	21.2	20.5	18.2	18.7	18.7		69
75	25.1	23.4	21.7	25.2	23.3	21.4	24.6	22.1	20.5	23.8	21.4	19.3	20.8	20.3	18	18.6	18.5	15.8	75
81	23.5	22.3	21	23.9	22.3	20.8	23.5	21.3	19.9	23	20.8	18.9	20.2	20	17.6	18.3	18.1	15.7	81
87	22	21.1	20.2	22.5	21.3	20.1	22.4	20.5	19.2	22.2	20.1	18.4	19.8	19.5	17.3	17.8	17.6	15.5	87
93	20.7	20	19.3	21.2	20.3	19.3	21.3	19.7	18.6	21.3	19.5	17.8	19.3	18.9	16.9	17.3	17	15.3	93
99	19.4	18.9	18.4	20.1	19.3	18.6	20.1	18.9	18	20.3	18.8	17.3	18.7	18.3	16.4	16.8	16.4	15.1	99
105	18.1	17.9	17.7	19	18.4	17.8	19.2	18.1	17.5	19.3	18.1	16.8	18.1	17.7	16	16.2	15.8	14.8	105
111	17.2	17	16.9	17.9	17.5	17.1	18.2	17.4	16.9	18.4	17.4	16.4	17.5	17.1	15.6	15.6	15.2	14.4	111
117	16.2	16.1	16.1	17	16.7	16.4	17.3	16.6	16.4	17.6	16.7	15.9	16.9	16.5	15.2	15	14.7	14.1	117
123	15.3	15.2	15.3	16.1	15.9	15.8	16.4	15.9	15.8	16.8	16.1	15.5	16.3	15.9	14.8	14.4	14.1	13.7	123
129	14.4	14.4	14.6	15.3	15.1	15.1	15.6	15.3	15.2	16	15.5	15	15.7	15.3	14.5	13.8	13.6	13.3	129
135	13.6	13.6	13.8	14.5	14.4	14.4	14.8	14.6	14.6	15.3	14.8	14.6	15.1	14.8	14.1	13.2	13	13	135
141	12.9	12.9	13.1	13.8	13.7	13.8	14	13.9	14	14.6	14.2	14.1	14.4	14.3	13.8	12.6	12.5	12.6	141
147	12.2	12.3	12.4	13.1	13.1	13.2	13.2	13.3	13.4	13.9	13.6	13.7	13.9	13.7	13.5	12	12	12.1	147
153	11.5	11.6	11.8	12.5	12.5	12.6	12.5	12.6	12.8	13.2	13.1	13.2	13.3	13.2	13.1	11.4	11.5	11.7	153
159	11	11		11.9	11.9	12	11.9	12	12.2	12.5	12.5	12.6	12.7	12.7	12.8	10.9	11	11.2	159
165	10.4	10.5		11.3	11.4	11.5	11.3	11.4	11.6	11.9	12	12.1	12.2	12.2	12.3	10.4	10.5	10.7	165
171	9.9	10		10.9	10.8		10.7	10.9	11	11.4	11.4	11.6	11.7	11.7	11.8	9.9	10.1	10.2	171
177	9.4	9.5		10.4	10.4		10.1	10.3	10.4	10.9	11	11.1	11.1	11.2	11.4	9.4	9.6	9.8	177
183	6.6			9.9	10		9.5	9.7	9.8	10.3	10.5	10.6	10.7	10.8	10.9	9	9.2	9.3	183
189				9.5	9.6		9	9.2		9.8	10	10.1	9.8	10.3	10.5	8.5	8.7	8.8	189
195				7			8.6	8.7		9.4	9.5	9.6	8.9	9.5	9.7	8.1	8.3	8.4	195
207										8.5	8.7		7.3	7.8	7.9	7.1	7.5	7.6	207
219													6	6.3		5.7	6.1	6.2	219
231																4.4	4.8		231









TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension









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

		 44 – 197 ft			 23 ft			 63 ft			 360°			 163100 lbs			 85%																				
 ft	44 ft + 23 ft						58 ft + 23 ft						72 ft + 23 ft						86 ft + 23 ft						100 ft + 23 ft						114 ft + 23 ft						 ft
	63 ft						63 ft						63 ft						63 ft						63 ft						63 ft						
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°							
14	41																														14						
16	41																														16						
18	40.6				37.1																										18						
21	40				36.9				32.7				30.3																		21						
24	39.4				36.5				32.7				30.2																		24						
27	38.2				36				32.4				30.1			27.2			24												27						
30	36.4				35.3				31.9				30			27.1			24												30						
33	34.6				34.1				31.5				29.6			27			23.8												33						
36	33				32.7				30.9				29.2			26.8			23.8												36						
39	31.5	26			31.4				30				28.8			26.4			23.8												39						
45	28.6	24.3			29	24.6			28	23.7			27.4			25.8			23.5												45						
51	26	22.6			26.7	23.2			26.2	22.5			25.9	21.6		24.6	20.9		23.1												51						
57	23.7	21	17.9		24.6	21.6	17.9		24.5	21.1			24.4	20.8		23.5	20.2		22.4	19.5											57						
63	21.7	19.4	17.5		22.7	20.2	17.5		22.8	19.9	16.7		23	19.8	17	22.3	19.3		21.6	18.8											63						
69	19.8	17.9	16.8		20.9	18.9	16.9		21.3	18.9	16.6		21.6	18.8	16.7	21.2	18.4	16.2	20.8	18.1											69						
75	18.1	16.6	16		19.3	17.8	16.3		19.8	17.9	16.2		20.3	17.9	16.2	20	17.6	15.9	19.9	17.4	15.3										75						
81	16.6	15.4	15.2		18	16.8	15.6		18.5	16.9	15.5		19.1	17.1	15.6	18.9	16.8	15.3	19	16.8	15.1										81						
87	15.4	14.3	14.4		16.6	15.8	14.8		17.3	16	14.9		17.9	16.3	15	17.9	16.1	14.8	18.2	16.1	14.7										87						
93	14.2	13.4	13.6		15.5	14.9	14.1		16.1	15.1	14.2		16.8	15.5	14.4	16.9	15.4	14.3	17.3	15.5	14.2										93						
99	13.1	12.6	12.8		14.5	14	13.4		15	14.3	13.6		15.9	14.8	13.8	15.9	14.8	13.8	16.5	14.9	13.7										99						
105	12.2	11.8	12.2		13.5	13.2	12.8		14.1	13.5	13		15.1	14.1	13.3	15	14.2	13.3	15.6	14.3	13.3										105						
111	11.4	11.1	11.7		12.6	12.5	12.3		13.3	12.8	12.4		14.2	13.5	12.8	14.1	13.6	12.9	14.8	13.8	12.9										111						
117	10.6	10.5			11.9	11.9	11.9		12.5	12.2	11.9		13.5	12.9	12.4	13.2	13	12.5	14.1	13.3	12.6										117						
123					11.2	11.3			11.8	11.5	11.4		12.9	12.3	12	12.4	12.3	12.1	13.4	12.8	12.2										123						
129					10.5	10.8			11.2	11	11		12.2	11.8	11.6	11.7	11.7	11.6	12.7	12.2	11.9										129						
135									10.6	10.5			11.6	11.3	11.2	11.1	11.1	11.1	12	11.7	11.5										135						
141									10	10			11.1	10.8	10.9	10.5	10.5	10.6	11.4	11.1	11.1										141						
147													10.6	10.4		9.9	10	10.1	10.9	10.7	10.7										147						
153													10.1	10.1		9.4	9.5		10.4	10.2	10.3										153						
159													9.8			8.9	9		9.8	9.7	9.9										159						
165																8.5	8.6		9.4	9.3											165						
171																8.1			9	8.9											171						
177																7.8			8.6	8.6											177						
183																			8.2	8.2											183						
189																			8												189						

TAB 172333 / 172340 / 172347



**Lifting capacities on the hydraulically variable folding jib
with boom extension**
**Capacités de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé**

<div><div><div><div>44 – 197 ft</div></div><div><div>23 ft</div></div><div><div>63 ft</div></div><div></div><div><div>360°</div></div><div><div>163100 lbs</div></div><div><div>85%</div></div></div></div>																			
 <div>ft</div>	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			 <div>ft</div>
	63 ft			63 ft			63 ft			63 ft			63 ft			63 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
30	21.6																		30
33	21.6																		33
36	21.6			20.1															36
39	21.6			20.1			18.4												39
45	21.6			20.1			18.4			17			15.5						45
51	21.4			20.1			18.4			17			15.5			13.6			51
57	21			20			18.4			17			15.5			13.6			57
63	20.4	18		19.6	17.5		18.4			17			15.5			13.6			63
69	19.8	17.6		19.1	17.1		18.2	16.3		16.8	15.3		15.4			13.6			69
75	19.2	16.9	14.8	18.6	16.5		17.8	16.1		16.6	15.2		15.3	14.1		13.6			75
81	18.5	16.3	14.6	18.1	16.1	14.1	17.3	15.6	13.6	16.4	15		15.2	14		13.6	12.6		81
87	17.8	15.8	14.2	17.5	15.6	14	16.9	15.1	13.5	16.1	14.7	12.9	15	13.8		13.4	12.6		87
93	17.2	15.2	13.8	16.9	15	13.8	16.4	14.7	13.3	15.8	14.3	12.8	14.7	13.6	12.1	13.3	12.3	10.9	93
99	16.5	14.7	13.6	16.3	14.5	13.4	15.9	14.2	13.2	15.3	13.9	12.6	14.5	13.4	12.1	13.1	12.1	10.9	99
105	15.7	14.2	13.2	15.7	14.1	13.1	15.3	13.8	12.8	14.9	13.5	12.4	14.2	13	11.9	12.9	12.1	10.9	105
111	15	13.6	12.8	15.1	13.6	12.7	14.9	13.4	12.5	14.5	13.1	12.3	13.9	12.7	11.9	12.6	11.9	10.9	111
117	14.3	13.2	12.5	14.5	13.2	12.4	14.3	13	12.2	14.1	12.8	12.1	13.5	12.4	11.7	12.2	11.7	10.7	117
123	13.6	12.8	12.2	13.9	12.8	12.1	13.8	12.7	12	13.6	12.5	11.8	13.2	12.1	11.5	11.8	11.4	10.5	123
129	12.9	12.3	11.9	13.3	12.4	11.9	13.3	12.3	11.7	13.2	12.1	11.6	12.8	11.8	11.3	11.5	11.2	10.4	129
135	12.2	11.9	11.6	12.7	12	11.6	12.7	11.9	11.5	12.7	11.8	11.4	12.5	11.5	11.1	11.1	10.8	10.2	135
141	11.5	11.4	11.3	12.1	11.6	11.3	12.2	11.6	11.3	12.3	11.5	11.2	12.1	11.3	10.9	10.7	10.5	10	141
147	10.9	10.9	10.9	11.5	11.2	11.1	11.7	11.2	11	11.8	11.2	10.9	11.7	11	10.7	10.3	10.1	9.8	147
153	10.3	10.4	10.5	10.9	10.8	10.8	11.2	10.9	10.8	11.4	10.9	10.7	11.3	10.8	10.5	9.9	9.8	9.6	153
159	9.8	9.9	10.1	10.4	10.3	10.4	10.6	10.5	10.5	10.9	10.6	10.5	10.9	10.5	10.3	9.5	9.4	9.4	159
165	9.3	9.4	9.6	9.9	9.9	10	10.1	10.1	10.2	10.4	10.3	10.3	10.5	10.2	10.1	9.1	9.1	9.2	165
171	8.8	8.9	9.1	9.5	9.5	9.7	9.6	9.7	9.8	10	9.9	10	10.1	9.9	9.8	8.7	8.8	8.9	171
177	8.3	8.5	8.6	9	9.1	9.2	9.2	9.3	9.5	9.6	9.6	9.7	9.7	9.6	9.6	8.3	8.4	8.6	177
183	7.9	8		8.6	8.7	8.8	8.7	8.9	9.1	9.1	9.2	9.4	9.3	9.3	9.4	7.9	8.1	8.3	183
189	7.5	7.6		8.2	8.3	8.4	8.3	8.4	8.6	8.7	8.9	9.1	8.9	9	9.1	7.5	7.7	8	189
195	7.1	7.2		7.8	7.9		7.8	8	8.2	8.4	8.5	8.7	8.6	8.6	8.8	7.1	7.4	7.6	195
207				7.2	7.2		7	7.2	7.2	7.5	7.7	7.9	7.6	8	8.2	6.4	6.6	6.9	207
219							6.2	6.4		6.9	7	7.1	6.2	7	7.2	5.7	6	6.1	219
231										6.2	6.3		5.1	5.6		4.8	5.3	5.4	231
243													3.9	4.4		3.6	4.2		243
255																2.5	3		255









TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension

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










																					
	ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft				ft
		72 ft			72 ft			72 ft			72 ft			72 ft			72 ft				
		0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°		
14	23.3																			14	
16	23.3																			16	
18	23.3				22.1			20.6												18	
21	23.3				22.1			20.6			19.6									21	
24	23.2				22.1			20.6			19.6			18.4						24	
27	23				22.1			20.6			19.6			18.4			17.7			27	
30	22.7				22			20.6			19.6			18.4			17.7			30	
33	22.4				21.8			20.6			19.6			18.4			17.7			33	
36	22				21.5			20.6			19.6			18.4			17.7			36	
39	21.7				21.2			20.4			19.6			18.4			17.7			39	
45	20.8	18.1			20.6	18		19.9			19.4			18.2			17.6			45	
51	20	17.4			19.9	17.4		19.3	16.8		19			18			17.4			51	
57	19.2	16.6			19.2	16.6		18.8	16.4		18.5	16.1		17.7	15.7		17.2			57	
63	18.3	15.9	13.1		18.5	15.9	13.1	18.2	15.8		18	15.7		17.3	15.4		16.9	15		63	
69	17.5	15.2	12.8		17.8	15.3	12.8	17.6	15.2	12.6	17.5	15.2		16.9	15		16.5	14.8		69	
75	16.5	14.5	12.5		17.1	14.7	12.5	17	14.7	12.4	16.9	14.7	12.3	16.4	14.5	12.2	16.1	14.4		75	
81	15.6	13.9	12.2		16.2	14.2	12.2	16.4	14.2	12.1	16.4	14.3	12.2	16	14.1	12.1	15.7	14	11.9	81	
87	14.7	13.4	11.9		15.4	13.7	12	15.7	13.8	12	15.8	13.9	11.9	15.5	13.8	11.9	15.3	13.7	11.8	87	
93	13.8	12.8	11.7		14.6	13.2	11.8	14.9	13.3	11.8	15.1	13.5	11.8	14.9	13.4	11.7	14.9	13.4	11.6	93	
99	12.8	12.2	11.5		13.7	12.7	11.6	14.2	12.8	11.6	14.5	13	11.6	14.4	13	11.5	14.4	13	11.5	99	
105	11.9	11.5	11.2		12.9	12.1	11.4	13.4	12.4	11.4	13.9	12.6	11.5	13.8	12.6	11.4	13.9	12.6	11.4	105	
111	11.2	10.8	10.8		12.2	11.5	11.1	12.7	11.9	11.3	13.2	12.1	11.3	13.2	12.2	11.3	13.4	12.2	11.2	111	
117	10.5	10.3	10.4		11.5	11	10.8	12.1	11.3	11	12.6	11.7	11.1	12.7	11.7	11.2	12.9	11.8	11.1	117	
123	9.8	9.7			10.8	10.4	10.5	11.4	10.8	10.6	12	11.2	10.8	12	11.3	10.9	12.4	11.4	10.9	123	
129	9.2				10.2	10	10.2	10.8	10.4	10.3	11.5	10.8	10.6	11.4	10.9	10.6	11.9	11.1	10.6	129	
135					9.7	9.6		10.3	9.9	10	11	10.4	10.3	10.9	10.5	10.3	11.4	10.7	10.4	135	
141					9.2			9.8	9.5		10.5	10	10	10.3	10.1	10.1	10.9	10.4	10.1	141	
147								9.3	9.1		10.1	9.7	9.8	9.8	9.7	9.8	10.4	10.1	10	147	
153								8.8				9.7	9.4		9.3	9.2	9.4	10	9.7	153	
159												9.3	9.1		8.8	8.8	8.9	9.5	9.4	159	
165												8.9			8.4	8.4		9.1	9	165	
171															7.9	8		8.7	8.6	171	
177															7.5	7.6		8.3	8.3	177	
183															7.2	7.3		7.9	8	183	
189																		7.6	7.6	189	
195																		7.3	7.5	195	

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension

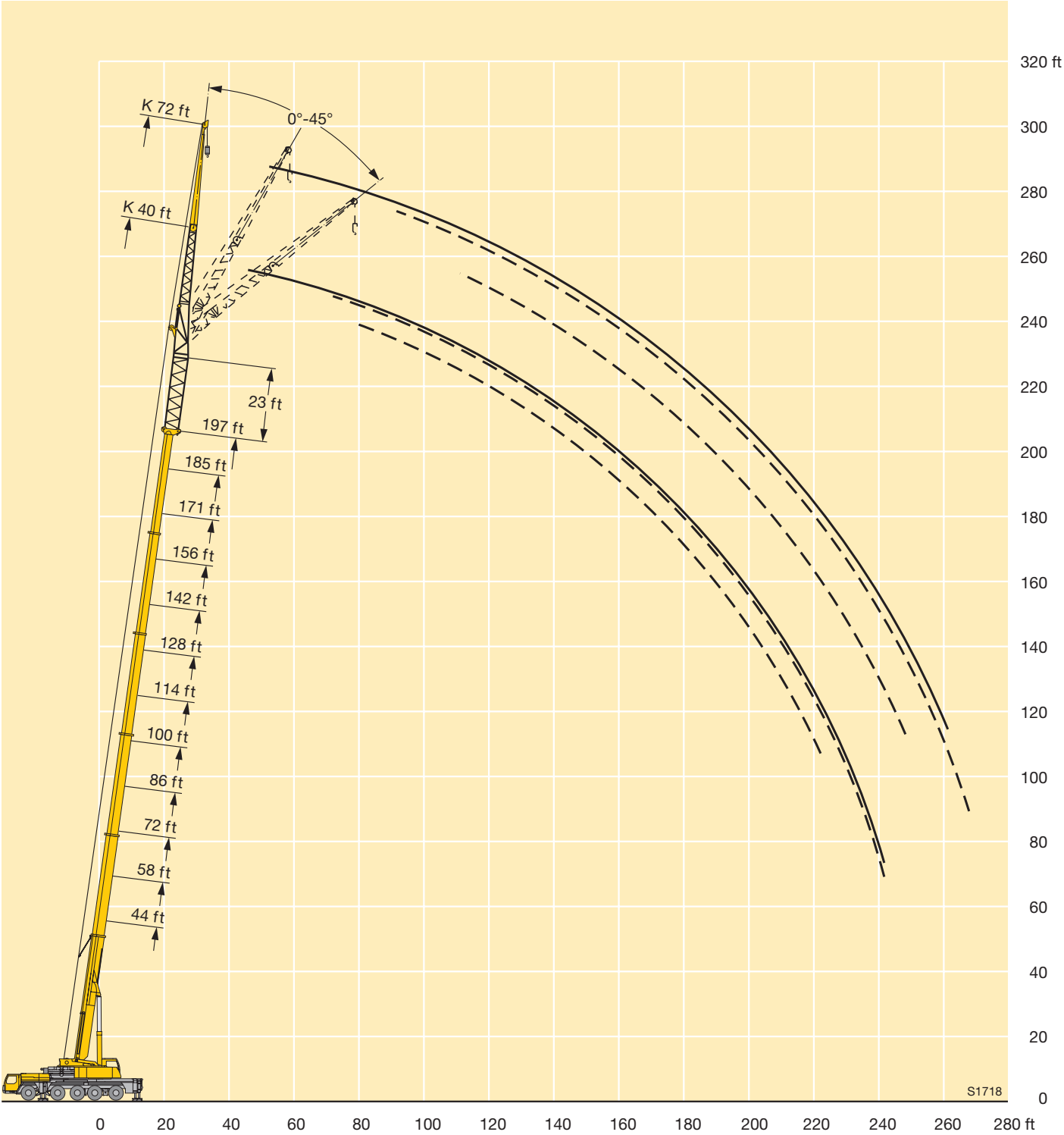
Capacités de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé

<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>																			
 ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			 ft
	72 ft			72 ft			72 ft			72 ft			72 ft			72 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
30	16.3																		30
33	16.3																		33
36	16.3			15.8															36
39	16.3			15.8			14.8												39
45	16.3			15.8			14.8			13.6									45
51	16.3			15.6			14.8			13.6			12.6			11.2			51
57	16.2			15.5			14.8			13.6			12.6			11.2			57
63	16	14.6		15.4			14.7			13.6			12.6			11.2			63
69	15.8	14.5		15.2	14		14.5			13.6			12.6			11.2			69
75	15.5	14.1		15	13.9		14.3	13.1		13.5	12.6		12.6			11.2			75
81	15.1	13.8	11.6	14.7	13.6		14.1	13.1		13.4	12.6		12.6	11.9		11.2			81
87	14.8	13.5	11.6	14.4	13.3	11.4	13.9	13		13.3	12.6		12.4	11.9		11.2	10.7		87
93	14.4	13.2	11.6	14.1	13	11.4	13.6	12.8	11.2	13.1	12.3	10.9	12.3	11.9		11.2	10.7		93
99	14.1	12.9	11.4	13.8	12.7	11.3	13.3	12.5	11.2	12.9	12.2	10.9	12.2	11.7	10.4	11.1	10.7		99
105	13.7	12.5	11.3	13.5	12.4	11.2	13.1	12.2	11.1	12.6	11.9	10.9	12	11.4	10.4	11	10.7		105
111	13.2	12.1	11.2	13.2	12	11.1	12.8	11.8	10.9	12.4	11.6	10.8	11.8	11.2	10.4	10.9	10.5	9.7	111
117	12.8	11.7	11	12.8	11.7	11	12.5	11.5	10.8	12.1	11.3	10.6	11.6	10.9	10.4	10.8	10.3	9.7	117
123	12.4	11.4	10.8	12.4	11.3	10.8	12.2	11.2	10.6	11.9	11	10.4	11.4	10.7	10.2	10.6	10.1	9.6	123
129	12	11	10.6	12	11	10.5	11.8	10.9	10.4	11.6	10.8	10.2	11.2	10.4	10	10.3	9.9	9.5	129
135	11.5	10.7	10.4	11.6	10.7	10.3	11.5	10.6	10.2	11.3	10.5	10.1	11	10.2	9.8	10.1	9.7	9.4	135
141	11	10.4	10.1	11.2	10.4	10.1	11.2	10.3	10	11.1	10.2	9.9	10.7	10	9.7	9.9	9.5	9.3	141
147	10.5	10.1	9.9	10.8	10.2	9.9	10.8	10.1	9.8	10.8	10	9.7	10.5	9.8	9.5	9.7	9.3	9.1	147
153	10	9.8	9.7	10.4	9.9	9.8	10.5	9.9	9.7	10.5	9.8	9.6	10.3	9.6	9.4	9.4	9.1	9	153
159	9.6	9.5	9.5	10	9.6	9.6	10.1	9.6	9.5	10.2	9.6	9.4	10	9.4	9.3	9	8.9	8.8	159
165	9.1	9.1	9.3	9.6	9.3	9.4	9.7	9.4	9.4	9.8	9.4	9.3	9.8	9.2	9.1	8.7	8.7	8.7	165
171	8.6	8.8	8.9	9.2	9	9.2	9.3	9.1	9.2	9.5	9.1	9.2	9.5	9	9	8.4	8.4	8.5	171
177	8.2	8.3	8.5	8.8	8.8	9	8.9	8.8	9	9.2	8.9	9	9.2	8.8	8.9	8	8.1	8.3	177
183	7.8	7.9	8.1	8.4	8.4	8.6	8.5	8.6	8.7	8.8	8.7	8.8	8.9	8.7	8.8	7.7	7.8	8	183
189	7.4	7.5		8	8.1	8.3	8.1	8.3	8.5	8.5	8.4	8.6	8.6	8.5	8.7	7.3	7.5	7.7	189
195	7	7.2		7.6	7.7	7.9	7.7	7.9	8.1	8.1	8.2	8.4	8.3	8.2	8.5	7	7.2	7.5	195
207	6.3	6.4		7	7.1		6.9	7.2	7.3	7.4	7.6	7.8	7.6	7.7	8	6.3	6.6	6.8	207
219				6.4			6.2	6.4		6.7	6.9	7.1	6.6	7.2	7.4	5.7	5.9	6.1	219
231							5.5			6.1	6.3		5.4	6.1	6.3	5	5.3	5.5	231
243										5.5			4.3	5		4	4.7	4.8	243
255													3.3	3.7		2.9	3.5		255
267																	2.4		267

TAB 172333 / 172340 / 172347











Lifting heights
Hauteurs de levage





Lifting capacities on the hydraulically variable folding jib
with boom extension
Capacités de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé

<div><div>44 – 197 ft</div><div>23 ft</div><div>86 ft</div><div>360°</div><div>163100 lbs</div><div>85%</div></div>																			
 ft	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft			 ft
	86 ft			86 ft			86 ft			86 ft			86 ft			86 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
18	26																		18
21	26			23															21
24	25.9			23			20.6			19.4									24
27	25.6			23			20.6			19.4			17.5						27
30	25.2			23			20.6			19.4			17.5			16.5			30
33	24.6			22.8			20.6			19.4			17.5			16.5			33
36	23.9			22.6			20.6			19.3			17.5			16.5			36
39	23.1			22.3			20.4			19.2			17.5			16.5			39
45	21.6			21.5			19.9			19			17.4			16.5			45
51	20	15.9		20.5			19.3			18.5			17.2			16.3			51
57	18.5	15.1		19.3	14.6		18.5	14.3		18			16.8			16			57
63	17.2	14.2		18.2	14.1		17.6	13.9		17.3	13.5		16.4			15.7			63
69	15.9	13.3		17	13.4		16.7	13.2		16.5	13.2		15.9	12.6		15.3	12.1		69
75	14.8	12.6	9.7	15.9	12.7	9.7	15.8	12.6		15.7	12.6		15.2	12.4		14.9	11.9		75
81	13.7	11.9	9.6	14.9	12.1	9.6	14.9	12	9.2	14.9	12	9.2	14.5	11.9		14.3	11.6		81
87	12.7	11.2	9.2	13.8	11.5	9.3	14	11.5	9.2	14.2	11.6	9.2	13.9	11.4	8.9	13.7	11.4		87
93	11.7	10.7	8.9	13	10.9	9	13.1	11	9	13.4	11.1	8.9	13.2	11	8.9	13.2	11	8.6	93
99	10.8	10.1	8.6	12.1	10.5	8.7	12.4	10.6	8.7	12.7	10.7	8.7	12.6	10.6	8.7	12.6	10.6	8.6	99
105	10.1	9.7	8.4	11.2	10	8.5	11.7	10.2	8.5	12	10.3	8.5	12	10.3	8.5	12.1	10.3	8.4	105
111	9.4	9.2	8.2	10.6	9.5	8.3	11	9.8	8.3	11.4	9.9	8.4	11.4	10	8.3	11.5	10	8.3	111
117	8.7	8.7	8.1	10	9.1	8.2	10.3	9.4	8.2	10.8	9.6	8.2	10.9	9.6	8.2	11	9.7	8.2	117
123	8.2	8.2	8	9.3	8.7	8.1	9.8	9	8.1	10.3	9.2	8.1	10.4	9.3	8.1	10.5	9.4	8.1	123
129	7.6	7.7	7.8	8.7	8.3	7.9	9.3	8.6	8	9.7	8.8	8	9.9	8.9	8	10.1	9	8	129
135	7.1	7.3		8.2	7.9	7.8	8.8	8.2	7.9	9.2	8.5	7.9	9.5	8.6	7.9	9.7	8.7	7.9	135
141	6.6			7.7	7.5	7.6	8.3	7.8	7.7	8.8	8.1	7.8	9	8.3	7.8	9.3	8.4	7.8	141
147				7.3	7.1		7.9	7.5	7.5	8.4	7.8	7.6	8.6	8	7.7	8.9	8.1	7.7	147
153				6.8			7.5	7.2		8	7.5	7.5	8.1	7.7	7.5	8.5	7.9	7.6	153
159							7.1	6.9		7.6	7.2	7.4	7.7	7.4	7.3	8.2	7.6	7.4	159
165							6.7			7.3	7		7.3	7.1	7.2	7.8	7.3	7.3	165
171										7	6.8		6.9	6.8	7	7.5	7.1	7.1	171
177										6.6	6.6		6.6	6.6	6.7	7.1	6.9	7	177
183										6.4			6.2	6.3		6.8	6.7	6.9	183
189													5.9	5.9		6.5	6.4	6.6	189
195													5.6	5.7		6.2	6.2		195
207																5.6	5.8		207










TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension

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

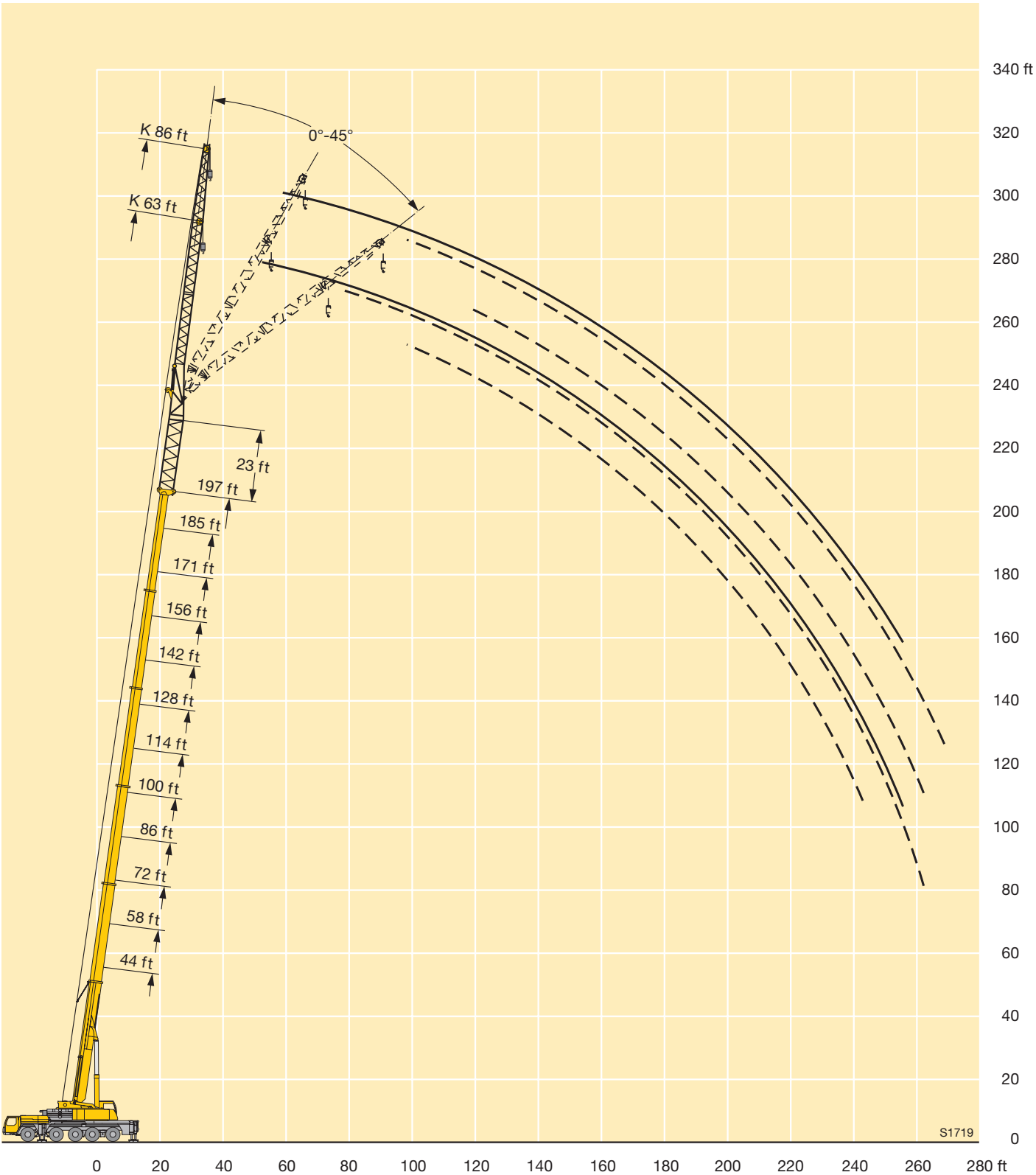
		 44 – 197 ft			 23 ft			 86 ft						 360°			 163100 lbs			 85%																	
 ft	128 ft + 23 ft						142 ft + 23 ft						156 ft + 23 ft						171 ft + 23 ft						185 ft + 23 ft						197 ft + 23 ft						 ft
	86 ft						86 ft						86 ft						86 ft						86 ft						86 ft						
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°							
39	15																														39						
45	15				14.3				13.1																						45						
51	15				14.3				13.1				11.9						10.9												51						
57	15				14.2				13.1				11.9						10.9						9.5						57						
63	14.7				14				13.1				11.9						10.9						9.5						63						
69	14.4				13.7				13				11.9						10.9						9.5						69						
75	14.1	11.4			13.5	11.5			12.8				11.9						10.9						9.5						75						
81	13.7	11.3			13.2	11.4			12.5	10.4			11.8	10.2					10.9						9.4						81						
87	13.2	11.2			12.8	11			12.2	10.4			11.6	10.2					10.7	9.5					9.2						87						
93	12.8	10.8	8.5		12.5	10.7			11.9	10.4			11.4	10.2					10.6	9.5					9.2	8.5					93						
99	12.3	10.5	8.5	12.1	10.4	8.3	11.6	10.2	8	11.2	9.9		10.4	9.5					10.4	9.5					9	8.5					99						
105	11.8	10.2	8.3	11.7	10.1	8.3	11.3	9.9	8	10.9	9.7		10.2	9.4					10.2	9.4					9	8.5					105						
111	11.4	9.9	8.2	11.2	9.9	8.2	11	9.7	8	10.6	9.5	7.8	10.1	9.2					10.1	9.2					9	8.3					111						
117	10.9	9.6	8.1	10.9	9.6	8.1	10.6	9.4	8	10.3	9.2	7.8	9.8	8.9	7.5				9.8	8.9	7.5				9	8.3	7				117						
123	10.5	9.3	8	10.5	9.3	8	10.3	9.1	7.9	10	9	7.7	9.6	8.7	7.5	8.8	8.1	7	9.6	8.7	7.5				8.8	8.1	7				123						
129	10.1	9	7.9	10.1	9	7.9	10	8.8	7.8	9.7	8.7	7.7	9.3	8.4	7.5	8.6	7.9	7	9.3	8.4	7.5				8.6	7.9	7				129						
135	9.7	8.7	7.8	9.8	8.7	7.8	9.6	8.6	7.7	9.4	8.5	7.6	9.1	8.2	7.5	8.4	7.8	7	9.1	8.2	7.5				8.4	7.8	7				135						
141	9.3	8.4	7.7	9.4	8.4	7.7	9.3	8.3	7.6	9.1	8.2	7.5	8.8	8	7.4	8.2	7.6	7	8.8	8	7.4				8.2	7.6	7				141						
147	9	8.1	7.6	9.1	8.2	7.6	9	8.1	7.5	8.9	8	7.4	8.6	7.8	7.3	8	7.4	6.9	8.6	7.8	7.3				8	7.4	6.9				147						
153	8.7	7.9	7.5	8.8	7.9	7.5	8.7	7.9	7.4	8.6	7.8	7.3	8.4	7.6	7.2	7.8	7.2	6.8	8.4	7.6	7.2				7.8	7.2	6.8				153						
159	8.3	7.6	7.4	8.5	7.7	7.4	8.4	7.6	7.3	8.4	7.6	7.2	8.2	7.4	7.1	7.6	7.1	6.7	8.2	7.4	7.1				7.6	7.1	6.7				159						
165	8	7.4	7.3	8.2	7.4	7.3	8.2	7.4	7.2	8.1	7.4	7.1	8	7.3	7	7.3	6.9	6.6	7.7	7.4	7				7.3	6.9	6.6				165						
171	7.6	7.2	7.2	7.9	7.3	7.1	7.9	7.2	7.1	7.9	7.2	7	7.7	7.1	6.9	7.1	6.8	6.5	7.4	7.1	6.9				7.1	6.8	6.5				171						
177	7.2	7	7	7.6	7.1	7	7.7	7	7	7.7	7	6.9	7.5	6.9	6.8	6.8	6.6	6.4	7.5	6.9	6.8				6.8	6.6	6.4				177						
183	6.9	6.7	6.9	7.3	6.9	7	7.4	6.9	6.9	7.5	6.8	6.8	7.3	6.8	6.7	6.6	6.5	6.3	7.3	6.8	6.7				6.6	6.5	6.3				183						
189	6.5	6.4	6.6	7	6.7	6.8	7.1	6.7	6.8	7.2	6.7	6.7	7.1	6.6	6.6	6.6	6.5	6.3	7.1	6.6	6.6				6.6	6.3	6.2				189						
195	6.1	6.2	6.4	6.6	6.5	6.7	6.8	6.6	6.7	7	6.6	6.6	6.9	6.5	6.5	6.5	6.4	6.1	6.9	6.5	6.5				6.1	6.1	6.1				195						
207	5.5	5.6		6	6	6.2	6.1	6.2	6.4	6.5	6.3	6.5	6.5	6.2	6.4	5.5	5.7	5.8	6.5	6.2	6.4				5.5	5.7	5.8				207						
219	4.9			5.5	5.5		5.5	5.6	5.8	5.9	5.9	6.2	6.1	6	6.2	4.9	5.1	5.4	5.9	6	6.2				4.9	5.1	5.4				219						
231				4.9			4.9	5		5.3	5.4	5.6	5.2	5.7	5.9	4.3	4.6	4.8	5.2	5.7	5.9				4.3	4.6	4.8				231						
243							4.3			4.8	4.9		4.1	5	5.2	3.7	4.1	4.3	4.1	5	5.2				3.7	4.1	4.3				243						
255										4.3	4.5		3	3.8	3.8	2.7	3.5	3.8	3	3.8	3.8				2.7	3.5	3.8				255						
267														2.6			2.4									2.4					267						

TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347











Lifting heights
Hauteurs de levage





Lifting capacities on the hydraulically variable folding jib
with boom extension

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

																			
	44 ft + 23 ft			58 ft + 23 ft			72 ft + 23 ft			86 ft + 23 ft			100 ft + 23 ft			114 ft + 23 ft			
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
18	17.2																		18
21	17.2			16.5															21
24	17.2			16.5			15.3												24
27	17.2			16.5			15.3			14.6									27
30	17.2			16.5			15.3			14.6			13.6						30
33	17.2			16.5			15.3			14.6			13.6						33
36	17.2			16.5			15.3			14.6			13.6			12.9			36
39	17.1			16.4			15.3			14.6			13.6			12.9			39
45	16.6			16.1			15.1			14.5			13.6			12.9			45
51	16			15.7			14.9			14.3			13.5			12.9			51
57	15.3	12.6		15.2	12.5		14.6			14.1			13.3			12.8			57
63	14.6	12.1		14.5	12.1		14.1	11.6		13.8			13.1			12.6			63
69	13.8	11.5		13.9	11.4		13.6	11.3		13.4	10.7		12.9	10.7		12.4			69
75	13.1	10.8		13.3	10.9		13	10.7		12.9	10.6		12.6	10.5		12.2	9.9		75
81	12.3	10.3	8	12.6	10.4	8.1	12.5	10.3		12.5	10.3		12.2	10.1		11.9	9.9		81
87	11.7	9.8	7.9	12	9.9	8	12	9.9	7.7	12	9.9		11.8	9.7		11.6	9.6		87
93	11	9.3	7.7	11.4	9.5	7.7	11.4	9.5	7.7	11.5	9.5	7.5	11.3	9.4	7.3	11.2	9.3		93
99	10.4	8.9	7.5	10.8	9	7.5	10.9	9.1	7.5	11.1	9.1	7.4	10.9	9.1	7.3	10.9	9	7	99
105	9.8	8.4	7.2	10.3	8.7	7.3	10.4	8.7	7.3	10.6	8.8	7.3	10.5	8.8	7.2	10.5	8.8	7	105
111	9.2	8.1	7.1	9.7	8.3	7.1	9.9	8.4	7.1	10.2	8.5	7.1	10.2	8.5	7.1	10.2	8.5	7	111
117	8.6	7.8	6.9	9.2	8	7	9.5	8.1	7	9.7	8.3	7	9.8	8.3	6.9	9.8	8.3	6.9	117
123	8.1	7.5	6.8	8.7	7.7	6.8	9	7.8	6.8	9.3	8	6.9	9.4	8	6.8	9.4	8	6.8	123
129	7.6	7.2	6.7	8.2	7.5	6.8	8.6	7.6	6.7	8.9	7.7	6.7	9	7.8	6.7	9.1	7.8	6.7	129
135	7.1	6.9	6.7	7.8	7.2	6.7	8.2	7.4	6.7	8.5	7.5	6.7	8.6	7.6	6.6	8.8	7.6	6.6	135
141	6.7	6.6		7.3	6.9	6.7	7.7	7.2	6.6	8.1	7.3	6.6	8.3	7.4	6.6	8.4	7.4	6.5	141
147	6.2	6.2		6.9	6.7	6.6	7.4	6.9	6.6	7.8	7.1	6.6	7.9	7.1	6.5	8.1	7.2	6.5	147
153				6.5	6.4		7	6.7	6.6	7.4	6.9	6.5	7.6	6.9	6.5	7.8	7.1	6.4	153
159				6.2	6.1		6.7	6.4		7	6.7	6.5	7.3	6.7	6.5	7.5	6.9	6.4	159
165							6.3	6.2		6.8	6.4	6.5	7	6.5	6.5	7.2	6.7	6.4	165
171							6	6		6.5	6.2		6.7	6.3	6.4	7	6.5	6.3	171
177							5.7	5.9		6.2	6		6.4	6.2	6.3	6.7	6.3	6.3	177
183										5.9	5.8		6.1	6	6.2	6.5	6.1	6.2	183
189										5.7	5.8		5.7	5.7		6.2	5.9	6.2	189
195													5.4	5.5		5.9	5.8	6.1	195
207													5			5.4	5.4		207
219																5.1			219

TAB 172333 / 172340 / 172347

TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension

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

44 – 197 ft

23 ft

95 ft

360°

163100 lbs

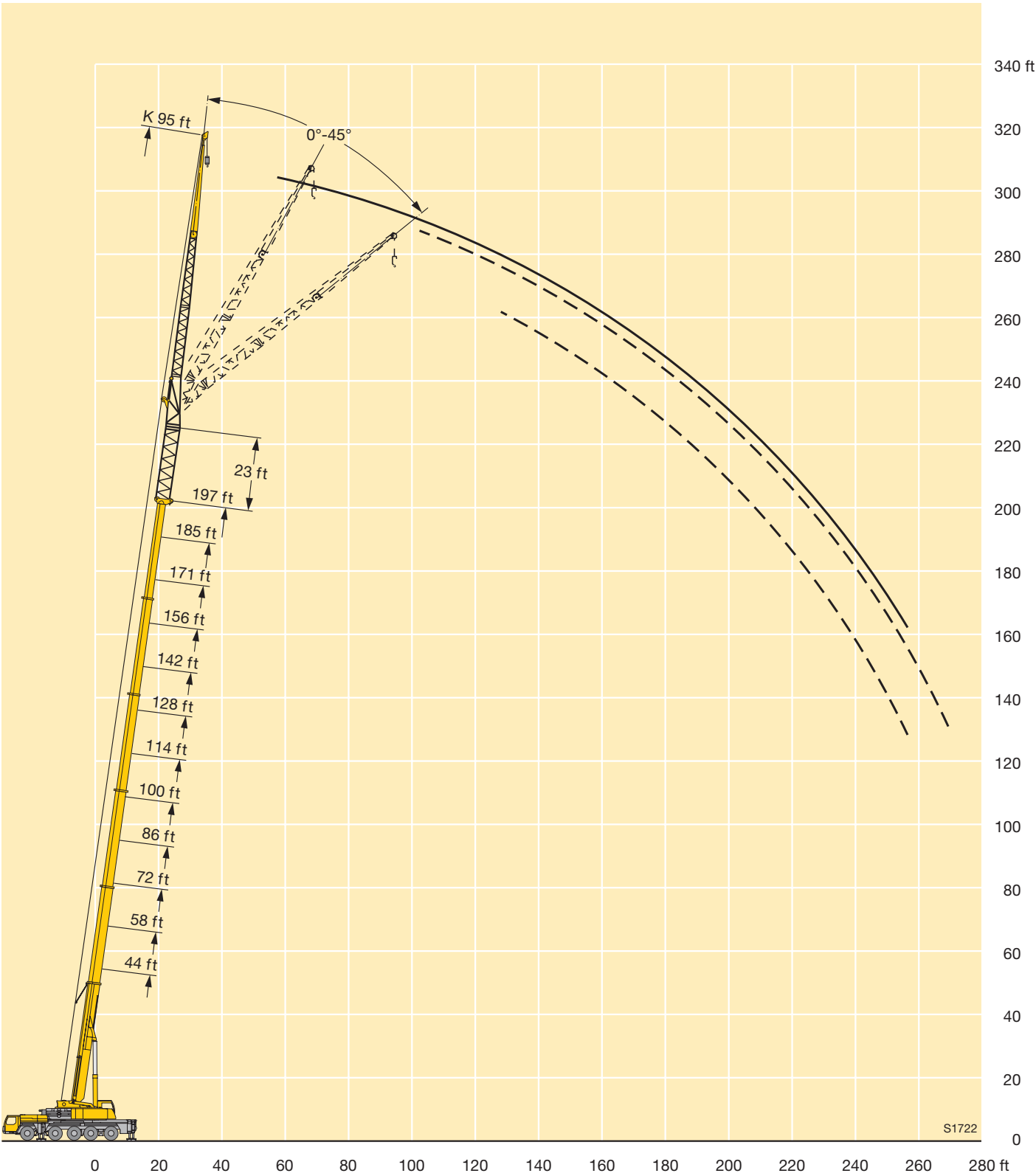
85%

<div><div></div><div>ft</div></div>	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			<div><div></div><div>ft</div></div>
	95 ft			95 ft			95 ft			95 ft			95 ft			95 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
39	11.9																		39
45	11.9			11.2			10.7												45
51	11.9			11.2			10.7			9.7			9						51
57	11.9			11.2			10.7			9.7			9			7.8			57
63	11.9			11.2			10.7			9.7			9			7.8			63
69	11.8			11.2			10.7			9.7			9			7.8			69
75	11.6	9.7		11.1			10.6			9.7			9			7.8			75
81	11.4	9.6		11	9.4		10.5			9.7			9			7.8			81
87	11.2	9.4		10.9	9.3		10.3	8.7		9.7	8.3		9			7.8			87
93	10.9	9.2		10.7	9.1		10.2	8.7		9.7	8.3		9	7.8		7.8			93
99	10.6	8.9	7.1	10.4	8.8		10.1	8.6		9.6	8.3		8.9	7.8		7.8	7		99
105	10.3	8.7	7.1	10.1	8.6		9.8	8.4		9.5	8.2		8.9	7.8		7.8	7		105
111	10	8.4	7	9.9	8.4	6.8	9.6	8.2	6.6	9.2	8		8.8	7.8		7.8	7		111
117	9.7	8.2	6.8	9.6	8.1	6.8	9.3	8	6.6	9	7.9	6.3	8.6	7.6		7.6	7		117
123	9.4	8	6.7	9.3	7.9	6.7	9	7.8	6.6	8.8	7.7	6.3	8.4	7.5		7.3	7		123
129	9	7.8	6.6	9	7.8	6.6	8.8	7.7	6.5	8.5	7.5	6.3	8.2	7.4	6.1	7.3	7	5.6	129
135	8.7	7.6	6.6	8.7	7.6	6.5	8.5	7.5	6.5	8.3	7.4	6.3	8	7.2	6.1	7.1	6.9	5.6	135
141	8.4	7.4	6.5	8.4	7.4	6.4	8.3	7.3	6.4	8.1	7.2	6.3	7.8	7.1	6.1	7	6.8	5.6	141
147	8.1	7.2	6.4	8.1	7.2	6.4	8.1	7.2	6.3	7.9	7.1	6.2	7.6	6.9	6.1	7	6.6	5.6	147
153	7.9	7	6.4	7.9	7.1	6.3	7.8	7	6.3	7.7	6.9	6.2	7.4	6.8	6.1	6.9	6.5	5.6	153
159	7.6	6.9	6.3	7.7	6.9	6.3	7.6	6.9	6.3	7.5	6.8	6.2	7.3	6.6	6.1	6.8	6.3	5.6	159
165	7.3	6.7	6.3	7.4	6.7	6.3	7.3	6.7	6.2	7.2	6.6	6.1	7.1	6.5	6	6.6	6.2	5.6	165
171	7	6.5	6.3	7.2	6.5	6.2	7.2	6.5	6.2	7	6.5	6.1	6.9	6.3	6	6.5	6.1	5.6	171
177	6.8	6.3	6.2	6.9	6.4	6.2	6.9	6.4	6.1	6.9	6.3	6.1	6.7	6.2	6	6.3	6	5.6	177
183	6.5	6.2	6.2	6.7	6.2	6.2	6.7	6.2	6.1	6.7	6.2	6	6.6	6.1	5.9	6.1	5.8	5.6	183
189	6.2	6	6.1	6.4	6.1	6.1	6.5	6.1	6	6.5	6	6	6.4	5.9	5.9	5.9	5.7	5.6	189
195	5.9	5.8	6	6.2	5.9	6	6.3	5.9	6	6.3	5.9	5.9	6.2	5.8	5.8	5.8	5.6	5.6	195
207	5.4	5.5		5.7	5.6	5.9	5.8	5.7	5.9	6	5.7	5.8	5.9	5.6	5.7	5.3	5.3	5.4	207
219	4.8	5		5.3	5.3		5.3	5.3	5.6	5.5	5.4	5.7	5.7	5.4	5.6	4.7	5	5.2	219
231				4.8	4.9		4.8	4.9	5.2	5.1	5.1	5.4	5.3	5.2	5.6	4.2	4.5	4.8	231
243							4.3	4.5		4.6	4.8	5	4.5	4.9	5.3	3.8	4.1	4.3	243
255							3.9	4		4.3	4.4		3.4	4.3	4.6	3	3.7	3.8	255
267										3.7	4		2.4	3.2		3	3		267

TAB 172333 / 172340 / 172347












Lifting heights
Hauteurs de levage



TAB 172333 / 172340 / 172347



Lifting capacities on the hydraulically variable folding jib
with boom extension
Capacités de levage à la fléchette pliante à variation hydraulique
avec télescope rallongé

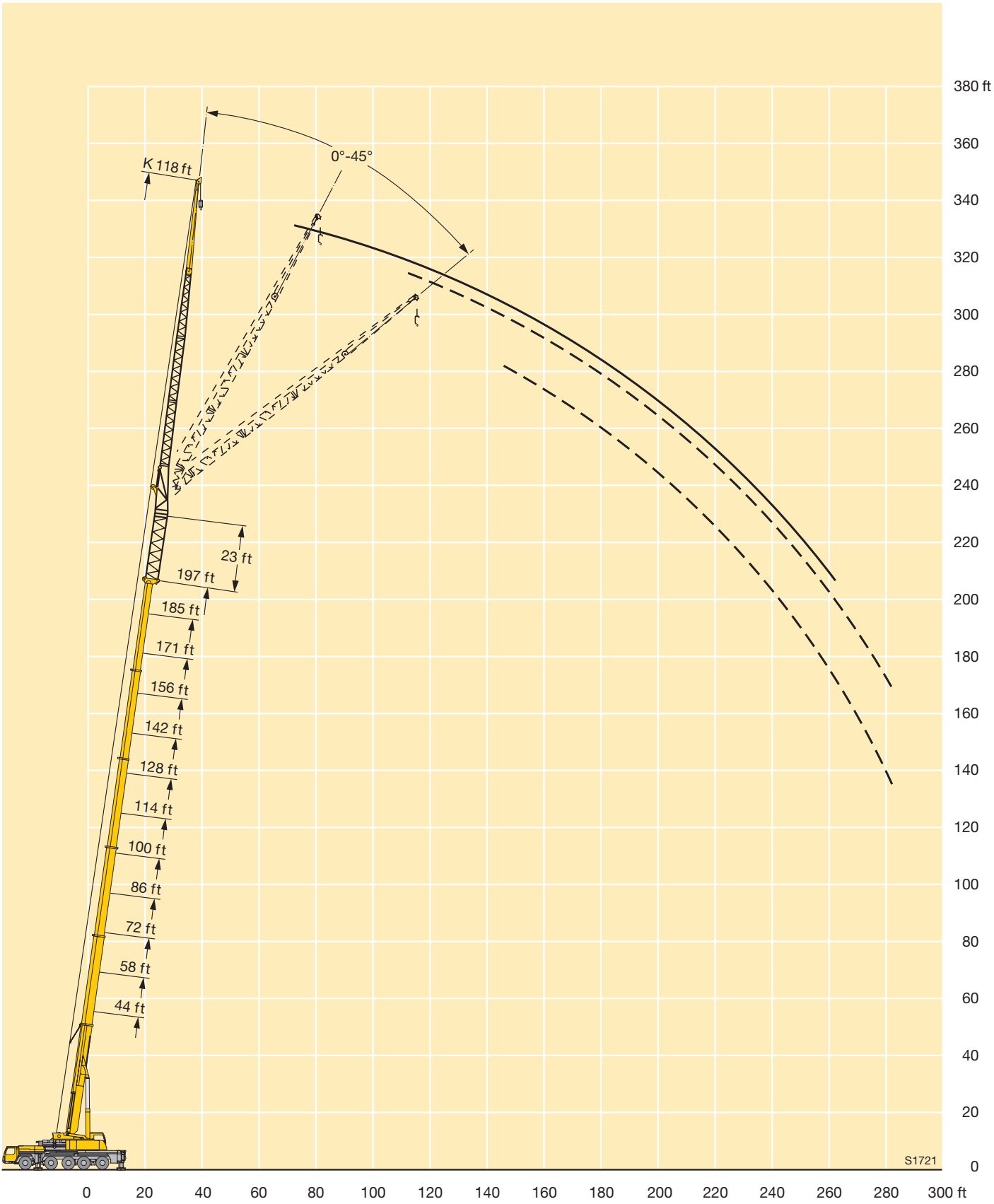
 44 – 197 ft		 23 ft		 118 ft				 360°		 163100 lbs		 85%							
 ft	128 ft + 23 ft			142 ft + 23 ft			156 ft + 23 ft			171 ft + 23 ft			185 ft + 23 ft			197 ft + 23 ft			 ft
	118 ft			118 ft			118 ft			118 ft			118 ft			118 ft			
	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	0°	22,5°	45°	
45	8.3			8						6.6									45
51	8.3			8			7.5												51
57	8.3			8			7.5			6.6			5.8						57
63	8.3			8			7.5			6.6			5.8						63
69	8.3			8			7.5			6.6			5.8			4.6			69
75	8.2			8			7.5			6.6			5.8			4.6			75
81	8.1			7.9			7.4			6.6			5.8			4.6			81
87	7.9	6.1		7.7			7.3			6.6			5.8			4.6			87
93	7.7	6.1		7.5	5.8		7.1			6.6			5.8			4.6			93
99	7.5	6		7.2	5.8		6.9	5.3		6.5	5.1		5.8			4.6			99
105	7.2	5.7		7	5.6		6.8	5.3		6.5	5.1		5.8			4.6			105
111	7	5.5		6.8	5.5		6.6	5.3		6.3	5.1		5.8	4.6		4.6			111
117	6.7	5.4		6.6	5.3		6.4	5.2		6.2	4.9		5.8	4.6		4.6	4.1		117
123	6.5	5.2	4.1	6.4	5.1		6.2	5.1		6.1	4.9		5.7	4.6		4.6	4.1		123
129	6.3	5	4.1	6.2	5	4.1	6.1	4.9	3.9	5.9	4.8		5.6	4.6		4.6	4.1		129
135	6.1	4.9	4.1	6	4.9	4.1	5.9	4.8	3.9	5.7	4.7	3.6	5.4	4.6		4.6	4.1		135
141	5.8	4.8	4	5.8	4.7	4	5.7	4.7	3.9	5.6	4.6	3.6	5.3	4.5	3.6	4.6	4.1		141
147	5.6	4.6	3.9	5.6	4.6	3.9	5.5	4.6	3.9	5.4	4.5	3.6	5.2	4.4	3.6	4.6	4.1	3.5	147
153	5.4	4.5	3.9	5.5	4.5	3.9	5.4	4.5	3.8	5.3	4.4	3.6	5.1	4.3	3.6	4.6	4.1	3.5	153
159	5.2	4.4	3.9	5.3	4.4	3.8	5.2	4.4	3.8	5.1	4.3	3.6	5	4.3	3.6	4.6	4.1	3.5	159
165	5.1	4.3	3.8	5.1	4.3	3.8	5	4.3	3.8	5	4.2	3.6	4.8	4.2	3.6	4.6	4	3.5	165
171	4.9	4.2	3.8	4.9	4.2	3.8	4.9	4.2	3.7	4.9	4.2	3.6	4.7	4.1	3.6	4.5	3.9	3.5	171
177	4.8	4.1	3.8	4.8	4.1	3.7	4.7	4.1	3.7	4.7	4.1	3.6	4.6	4	3.6	4.4	3.9	3.5	177
183	4.6	4	3.7	4.7	4	3.7	4.6	4	3.7	4.6	4	3.6	4.5	3.9	3.4	4.3	3.8	3.5	183
189	4.4	4	3.7	4.6	4	3.7	4.5	4	3.6	4.5	3.9	3.6	4.4	3.9	3.4	4.2	3.8	3.4	189
195	4.3	3.9	3.7	4.4	3.9	3.7	4.4	3.9	3.6	4.4	3.9	3.6	4.3	3.8	3.4	4.1	3.7	3.4	195
207	4.1	3.8	3.7	4.2	3.8	3.7	4.2	3.8	3.6	4.2	3.7	3.6	4.1	3.7	3.4	4	3.6	3.4	207
219	3.8	3.7	3.7	3.9	3.7	3.7	4	3.7	3.6	3.9	3.6	3.6	3.9	3.6	3.4	3.7	3.5	3.4	219
231	3.6	3.6		3.7	3.6	3.7	3.7	3.6	3.6	3.8	3.6	3.6	3.8	3.5	3.4	3.3	3.4	3.3	231
243	3.2	3.4		3.5	3.5		3.5	3.5	3.6	3.6	3.4	3.6	3.6	3.4	3.4	2.9	3.2	3.2	243
255				3.2	3.3		3.3	3.4	3.6	3.4	3.4	3.6	3.4	3.3	3.4	2.5	2.9	3.1	255
267				3			2.9	3.1		3.2	3.3	3.5	2.5	3.2	3.4		2.6	2.8	267
279										2.8	3.1			2.6	2.8			2.3	279

TAB 172333 / 172340 / 172342

TAB 172333 / 172340 / 172347

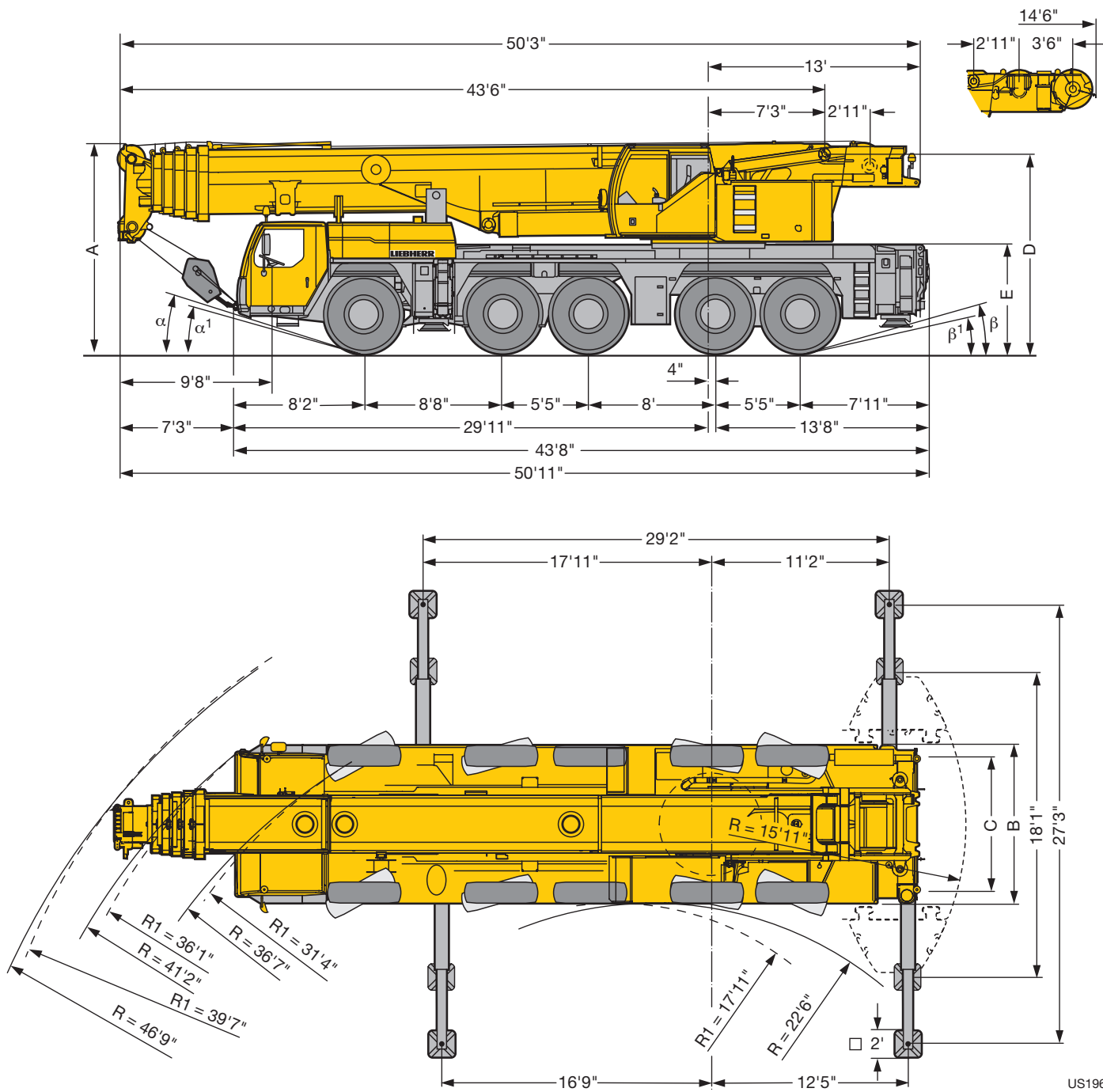


Lifting heights
Hauteurs de levage





Dimensions
Encombrement



US1969

R₁ = All-wheel steering · Direction toutes roues

	Dimensions / Encombrement									
	A	A 6" *	B	C	D	E	α	α ₁	β	β ₁
16.00 R 25	13'1"	12'8"	9'10"	8'4"	12'4"	6'9"	20°	16°	17°	14°
20.5 R 25	13'1"	12'8"	10'2"	8'5"	12'4"	6'9"	20°	16°	17°	14°

* lowered / abaissé



Weights
Poids



Axle Essieu	1	2	3	4	5	Total weight (lbs) Poids total lbs
lbs	26400	26400	26400	26400	26400	132000



Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
332.9	9	16	4400
314.4	7	15	3300
237.4	5	11	2866
155.6	3	7	2292
68.7	1	3	1851
23.1	–	1	1102

Working speeds
Vitesses



		1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
16.00 R 25		3.5	4.5	5.8	7.5	9.5	12.2	16.1	20.6	26.6	34.2	43.4	50	3.8	4.9	43 %
20.5 R 25		1.6	2	2.6	3.3	4.2	5.3	7	9	11.6	14.9	19.5	24.2	1.7	2.1	56 %



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 – 426 ft/min single line ft/min au brin simple	0.8" / 920 ft	23605 lbs
	0 – 426 ft/min single line ft/min au brin simple	0.8" / 920 ft	23605 lbs
	0 – 1.8 rpm		
	approx. 50 seconds to reach 82° boom angle env. 50 s jusqu'à 82°		
	approx. 360 seconds for boom extension from 44 ft – 197 ft env. 360 s pour passer de 44 ft – 197 ft		



Equipment
Equipement

Crane carrier

Frame	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
Outriggers	4-point supporting system, hydraulically telescopable into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator.
Engine	6-cylinder Diesel, make Liebherr, type D846 A7, watercooled, output 370 kW (503 h.p.) at 1900 rpm, max. torque 1734 lbs-ft at 1200 – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 129 gallons.
Transmission	ZF 12-speed gear box with automatic control system AS-TRONIC. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.
Axles	Welded design, made of high-tensile fine grained steel. All axles steerable. Axles 2, 4 and 5 are planetary axles with differential locks.
Suspension	All axles are mounted on hydropneumatic suspension – “Niveumatik suspension” and are lockable hydraulically.
Tyres	10 tyres, size: 16.00 R 25.
Steering	ZF-servocom power steering, dual circuit system with hydraulic servo system and auxiliary pump system, driven by the axle. At road displacement, axles 3, 4 and 5 electrohydraulically speed-dependent and from 18.6 mph, axles 3 and 4 are fixed to straight displacement. From 37.3 mph, axle 5 is fixed straight. Steering according to EG directive 70/311 EWG.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Parking brake: Spring brake actuator, acting on the wheels of the 2 nd and 5 th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. Brakes acc. to EG directives 71/320 EWG.
Driver's cab	Spacious, steel made, corrosion resistant cab, cataphoretic dip-primed, on resilient suspension with hydraulic shock absorbers, sound and heat absorbing internal panelling acc. to EG directive, safety glazing, operating and control instruments, comfortably equipped.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting acc. to traffic regulations.

Crane superstructure

Frame	Self-manufactured, weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing rim to the carrier for continuous rotation.
Crane engine	4-cylinder Diesel, make Liebherr, type D934L A6, watercooled, output 180 kW (245 h.p.) at 1800 rpm, max. torque 839 lbs-ft at 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 70 gallons.
Crane drive	Diesel-hydraulic, with 5 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatment.
Control	Electronic control by the LICCON computer system (PLC control), two self-centering control levers (joy-sticks). Infinitely variable crane motions through displacement control of the hydraulic pump. Additional working speed control by variation of the Diesel engine.
Hoist gear	Axial piston variable displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake. Actuation by closed regulated oil circuit.
Luffing gear	1 differential ram with nonreturn valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake.
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“. Boom length: 44 ft – 197 ft.
Counterweight	163100 lbs
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Swing-away jib	40 ft – 118 ft long, mountable to the telescopic boom at 0°, 22,5° or 45°. Hydraulic ram for operating the swing-away jib from 0° – 45° (option).
Telescopic boom extension	23 ft long lattice section, thus 23 ft higher pining point for swing-away jib.
2 nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Tyres	10 tyres, size 20.5 R 25.
Drive 10 x 8	Additional drive of the 2nd axle.

Other items of equipment available on request.



Equipment
Equipment

Châssis porteur

Cadre	Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.
Calage	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison.
Moteur	Moteur diesel, 6 cylindres, fabriqué par Liebherr, de type D846 A7, à refroidissement par eau, de 370 kW (503 ch) à 1900 rpm, couple max. 1734 lbs-ft à 1200 – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 129 gallons.
Boîte de vitesse	Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel.
Essieux	Construction soudée en acier haute résistance à grains fins pour l'ensemble des 5 essieux. Tous les essieux sont directeurs. Essieux 2, 4 et 5 planétaires avec blocage du différentiel.
Suspension	Suspension hydropneumatique «Niveaumatik» - sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.
Pneumatiques	10 pneus de taille: 16.00 R 25.
Direction	Direction hydraulique ZF Servocom, à 2 circuits, assistée hydrauliquement, avec pompe auxiliaire entraînée par essieu. Lors de déplacements sur route, les essieux 3, 4 et 5 sont dirigés électrohydrauliquement en fonction de la vitesse, et à partir de 18,6 mph, les essieux 3 et 4 sont fixés en marche rectiligne. A partir d'env. 37,3 mph, l'essieu 5 est fixé en marche rectiligne. Direction conforme aux directives européennes 70/311 CE.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: ressort accumulé agissant sur les roues des essieux 2 à 5. Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur hydrodynamique accouplé à la boîte de vitesses. Freins conformes aux directives européennes 71/320 CE.
Cabine du conducteur	Cabine spacieuse en tôle d'acier traitement anti-corrosion par bain de cataphorèse, avec suspension élastique et amortisseurs hydrauliques, revêtement intérieur avec isolation phonique et thermique selon les directives européennes, glaces de sécurité, appareils de commande et de contrôle, équipement confortable.
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune, éclairage conforme au code de la route.

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 la grue.
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Moteur	Moteur diesel Liebherr, 4 cylindres, de type D934L A6, à refroidissement par eau, de 180 kW (245 ch) à 1800 rpm, couple max. 839 lbs-ft à 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 70 gallons.
Entraînement de la grue	Diesel hydraulique avec 5 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
Commande	Commande électronique par l'ordinateur LICCON (commande SPS). 2 leviers à 4 directions avec rappel automatique au point mort. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur.
Mécanisme de levage	Moteur hydraulique à cylindrée variable, treuil de marque Liebherr avec réducteur planétaire à frein d'arrêt à lamelles intégrées, en circuit hydraulique fermé.
Mécanisme de relevage	1 vérin hydraulique différentiel avec clapets anti-retour de sécurité.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.
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 télescopables indépendamment les uns des autres. Système de télescopage séquentiel rapide, „Telematik“. Longueur de flèche: 44 ft – 197 ft.
Contrepoids	163100 lbs
Installation électrique	Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Equipement supplémentaire

Fléchette pliante	Longueur: 40 ft – 118 ft, montable sous un angle de 0°, 22,5° ou 45°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 45° (en option).
Rallonge flèche télescopique	Élément en treillis de 23 ft, de cette manière point d'articulation plus haute de 23 ft pour la flèche pliante.
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.
Pneumatiques	10 pneus. Taille: 20.5 R 25.
Entraînement 10 x 8	Essieu 2 est entraîné additionnellement.

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 are subject to modifications.
- 9. Lifting capacities above 298 kips / 332.9 kips only with additional pulley block/special equipment.

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.
- 8. Les forces de levage sont modifiables sans préavis.
- 9. Forces de levage plus de 298 kips / 332.9 kips seulement avec moufle additionnel/équipement supplémentaire.