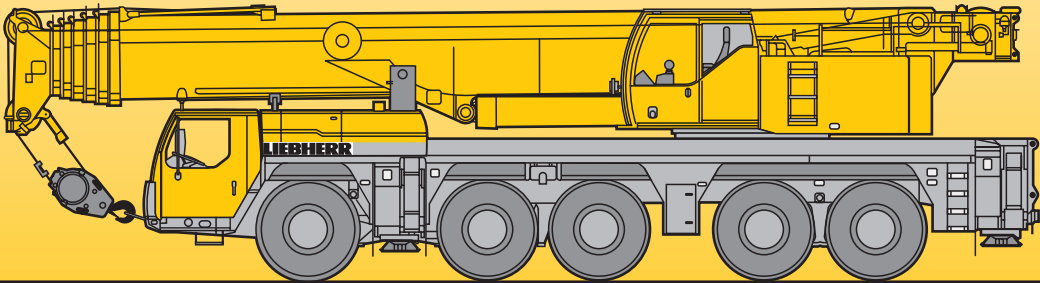




Mobile Crane Grue mobile

LTM 1200-5.1

Technical Data
Caractéristiques techniques



LIEBHERR



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

<div><div><div><div><div></div><div>43 – 236 ft</div></div><div><div></div><div></div></div><div><div></div><div>360°</div></div><div><div></div><div>159000 lbs</div></div><div><div></div><div>85%</div></div></div><div><div><div><div></div><div>ft</div></div><div><div></div><div>*</div></div></div><div><div>43 ft</div><div></div></div><div><div>58 ft</div><div></div></div><div><div>73 ft</div><div></div></div><div><div>88 ft</div><div></div></div><div><div>103 ft</div><div></div></div><div><div>117 ft</div><div></div></div><div><div>132 ft</div><div></div></div><div><div>147 ft</div><div></div></div><div><div>162 ft</div><div></div></div><div><div>177 ft</div><div></div></div><div><div>191 ft</div><div></div></div><div><div>206 ft</div><div></div></div><div><div>221 ft</div><div></div></div><div><div>236 ft</div><div></div></div><div><div><div><div></div><div>ft</div></div><div><div></div><div>*</div></div></div></div></div></div></div>																
8		332														8
10	470	331	295													10
12	328	315	295	295	259											12
14	303	288	286	282	256	207										14
16	271	265	261	253	243	205	170									16
18	250	245	242	234	227	202	169									18
20	232	227	226	217	214	198	168	127	97							20
24	202	198	199	191	188	183	162	126	96							24
28	174	173	176	170	168	163	155	120	91.5	73.5						28
32	143	143	157	153	151	147	145	115	86	71.5	59.2					32
36			140	139	137	133	132	110	79.5	67.5	57.5	46.7				36
40			125	127	125	122	121	104	74.5	63.5	54.8	45.2	37.7	30.6	25.7	40
47				106	105	105	105	95.5	65.5	57.1	49.9	42.1	35.8	30.4	25.4	47
54				88.5	88.5	90	88.5	86.5	58.8	51.3	45.4	39	33.6	28.9	24	54
61					76	77	76.5	77	52.5	46.6	41.2	36.1	31.5	27.4	22.6	61
68					67.5	67	68	67	47.4	42.2	37.7	33.4	29.4	25.9	21.4	68
75					54.3	58.5	60	58.6	42.9	38.4	34.3	30.9	27.5	24.5	20	75
82						52.1	53.3	51.7	39.1	35.1	31.4	28.5	25.8	23.1	18.5	82
89						43.9	47.5	45.8	36.4	32.1	28.9	26.3	24.2	21.7	17.2	89
96							42.6	40.9	34.3	29.5	26.5	24.5	22.6	20.3	15.9	96
103							36.1	36.6	32.6	27	24.6	22.7	21	19	14.7	103
110								33.1	31	24.9	22.9	21	19.4	17.9	13.5	110
117								29.1	29.6	23.2	21.2	19.5	17.9	16.8	12.5	117
124									28.5	21.9	19.6	17.9	16.7	15.7	11.6	124
131									26.2	21	18	16.5	15.5	14.7	10.7	131
138										20.2	16.5	15.4	14.4	13.8	9.9	138
145										19.1	15.3	14.3	13.4	13	9.2	145
152											14.5	13.3	12.6	12.2	8.6	152
159												12.5	11.9	11.5	7.9	159
166												11.8	11.1	10.8	7.2	166
173													10.5	10.2	6.7	173
180													10	9.6	6.2	180
187													9.6	9.1	5.6	187
194														8.6	5.2	194
201														8.2	4.8	201
208															4.4	208
215															4	215

* over rear / en arrière







TAB 1555401 / 1555408

* over rear / en arrière

TAB 1555401 / 1555408



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

<div><div>43 – 236 ft</div><div></div><div></div><div></div><div></div><div>85%</div></div>															
 ft	43 ft	58 ft	73 ft	88 ft	103 ft	117 ft	132 ft	147 ft	162 ft	177 ft	191 ft	206 ft	221 ft	236 ft	 ft
8	332														8
10	331	295													10
12	314	295	295	259											12
14	287	285	282	256	207										14
16	263	261	253	243	205	170									16
18	243	242	234	227	202	169									18
20	225	225	217	214	198	168	127	97							20
24	195	196	191	188	183	162	126	96							24
28	170	172	170	168	163	155	120	91.5	73.5						28
32	143	150	150	149	143	138	115	86	71.5	59.2					32
36		131	131	128	125	119	110	79.5	67.5	57.5	46.7				36
40		115	116	112	110	104	103	74.5	63.5	54.8	45.2	37.7	30.6	25.7	40
47			94	94	89	89	84	65.5	57.1	49.9	42.1	35.8	30.4	25.4	47
54			78.5	78	75.5	74.5	70	58.8	51.3	45.4	39	33.6	28.9	24	54
61				66	67	63.5	59.8	52.5	46.6	41.2	36.1	31.5	27.4	22.6	61
68				56.1	57.7	55	51.6	47.4	42.2	37.7	33.4	29.4	25.9	21.4	68
75				48.3	49.8	48.2	45.1	42.5	38.4	34.3	30.9	27.5	24.5	20	75
82					43.5	42.4	39.7	38.7	35.1	31.4	28.5	25.8	23.1	18.5	82
89					38.3	37.2	35.2	35.8	31.6	28.9	26.3	24.2	21.7	17.2	89
96						32.9	31.1	32.4	28.6	26.5	24.5	22.6	20.3	15.9	96
103						29.3	27.4	29.1	26.3	24.3	22.7	21	19	14.7	103
110							24.2	25.9	24.5	21.8	21	19.4	17.9	13.5	110
117							21.5	23.1	23.2	19.8	19.5	17.9	16.8	12.5	117
124								20.7	21.5	18.5	17.6	16.7	15.7	11.6	124
131								19.7	19.3	16.9	15.7	15.5	14.7	10.7	131
138									17.4	15.7	14.8	14.4	13.8	9.9	138
145									15.7	15.1	13.9	13	13	9.2	145
152										14.4	12.8	12.2	12.1	8.6	152
159											11.4	11.6	11	7.9	159
166											10.2	10.9	9.8	7.2	166
173												9.8	8.6	6.7	173
180												8.8	7.5	6.2	180
187												7.8	6.6	5.6	187
194													5.7	5.2	194
201													4.9	4.8	201
208														4.2	208
215														3.5	215

TAB 1555409

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

TAB 1555410








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

<div><div><div><div><div><div></div><div>43 – 236 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>71000 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>ft</div></div><div>43 ft</div><div>58 ft</div><div>73 ft</div><div>88 ft</div><div>103 ft</div><div>117 ft</div><div>132 ft</div><div>147 ft</div><div>162 ft</div><div>177 ft</div><div>191 ft</div><div>206 ft</div><div>221 ft</div><div>236 ft</div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div>ft</div></div></div></div>															
8	332														8
10	331	295													10
12	311	295	294	259											12
14	283	284	281	256	207										14
16	259	260	253	243	205	170									16
18	239	240	234	227	202	169									18
20	220	222	217	212	197	167	127	97							20
24	186	187	181	169	161	149	126	96							24
28	155	155	145	139	131	125	116	91.5	73.5						28
32	130	128	122	116	111	107	100	86	71.5	59.2					32
36		108	104	98.5	97.5	92	86	79.5	67.5	57.5	46.7				36
40		92.5	89.5	87	85	80.5	75.5	71	63.5	54.8	45.2	37.7	30.6	25.7	40
47			72	71.5	68.5	65	60.5	57.8	55.2	49.8	42.1	35.8	30.4	25.4	47
54			59.4	59.3	56.8	53.5	49.7	50.5	46.2	44	39	33.6	28.9	24	54
61				49.7	47.8	44.9	41.5	42.5	39.4	37.2	35.6	31.5	27.4	22.6	61
68				41.8	40.8	39.1	35.1	36.2	34.7	32.8	31.2	29.4	25.9	21.4	68
75				35.6	35.1	35.6	30.2	31.6	31.4	28.2	27.8	26.5	24.5	20	75
82					30.1	31.6	27.3	28.9	27.3	25.3	24.7	23.5	22.7	18.5	82
89					26	27.7	25.5	26.2	23.9	23.5	21.9	21.6	20.2	17.2	89
96						24.2	24	23.2	21.3	21	20	19.3	17.5	15.9	96
103						21.3	21.9	20.6	19.6	18.6	18.1	16.9	15.2	14.7	103
110							19.5	18.1	18.1	17.1	16.1	14.8	13.2	13.1	110
117							17.3	16.2	16.1	15.5	14.3	13	11.4	11.4	117
124								15.1	14.3	13.8	12.7	11.4	9.9	9.9	124
131								13.8	12.9	12.3	11.2	10	8.5	8.6	131
138									11.6	11	9.9	8.7	7.2	7.3	138
145									10.2	9.6	8.6	7.6	6.1	6.2	145
152										8.5	7.4	6.5	5.1	5.2	152
159											6.3	5.5	4.1	4.2	159
166											5.4	4.5		3.4	166
173												3.6			173
180												2.8			180

TAB 1555411



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

		43 – 236 ft								85%															
ft		43 ft	58 ft	73 ft	88 ft	103 ft	117 ft	132 ft	147 ft	162 ft	177 ft	191 ft	206 ft	221 ft	236 ft										
8		332															8								
10		331	295														10								
12		307	294	290	259												12								
14		279	279	278	248	207											14								
16		254	255	236	210	191	167										16								
18		225	219	200	179	165	152										18								
20		196	182	168	154	141	134	101	93.5								20								
24		142	135	127	119	114	105	96	88.5								24								
28		109	105	101	97	91	84	77	73.5	64.5							28								
32		86	84.5	83	79	74.5	70	63.5	63	58.4	53.9						32								
36			70	68.5	66	62.5	61.5	53.1	53.4	50.7	47.4	44.2					36								
40			59	58.5	56.4	53.5	53.7	45.9	46.7	45.5	42.1	40.3	37.3	30.6	25.7		40								
47				45.5	44.3	41.8	42.5	40.9	39.3	36.4	35.7	33	31.8	29.7	25.4		47								
54				36.7	37.2	33.8	35.1	34.4	32.3	31.6	30.1	28.1	26.2	23.9	23.1		54								
61					31	29.1	30.2	28.6	28.1	26.5	25	23.1	21.4	19.4	18.9		61								
68					25.8	25.7	25.4	24.3	23.6	22.2	20.9	19.2	17.6	15.7	15.4		68								
75					21.4	21.7	21.7	20.6	20.1	18.7	17.5	15.9	14.5	12.7	12.6		75								
82						18.1	18.5	17.6	17.2	15.9	14.8	13.3	11.9	10.2	10.3		82								
89						15.3	15.8	15.2	14.7	13.5	12.5	11	9.7	8.1	8.2		89								
96							13.5	13	12.7	11.5	10.5	9.1	7.9	6.3	6.4		96								
103							11.5	11.1	10.9	9.8	8.8	7.5	6.3		4.9		103								
110								9.4	9.3	8.3	7.3	6	4.8				110								
117								7.9	7.8	7	6.1	4.8					117								
124									6.5	5.7	5						124								
131									5.4	4.6	4						131								

TAB 1555413

TAB 1555413

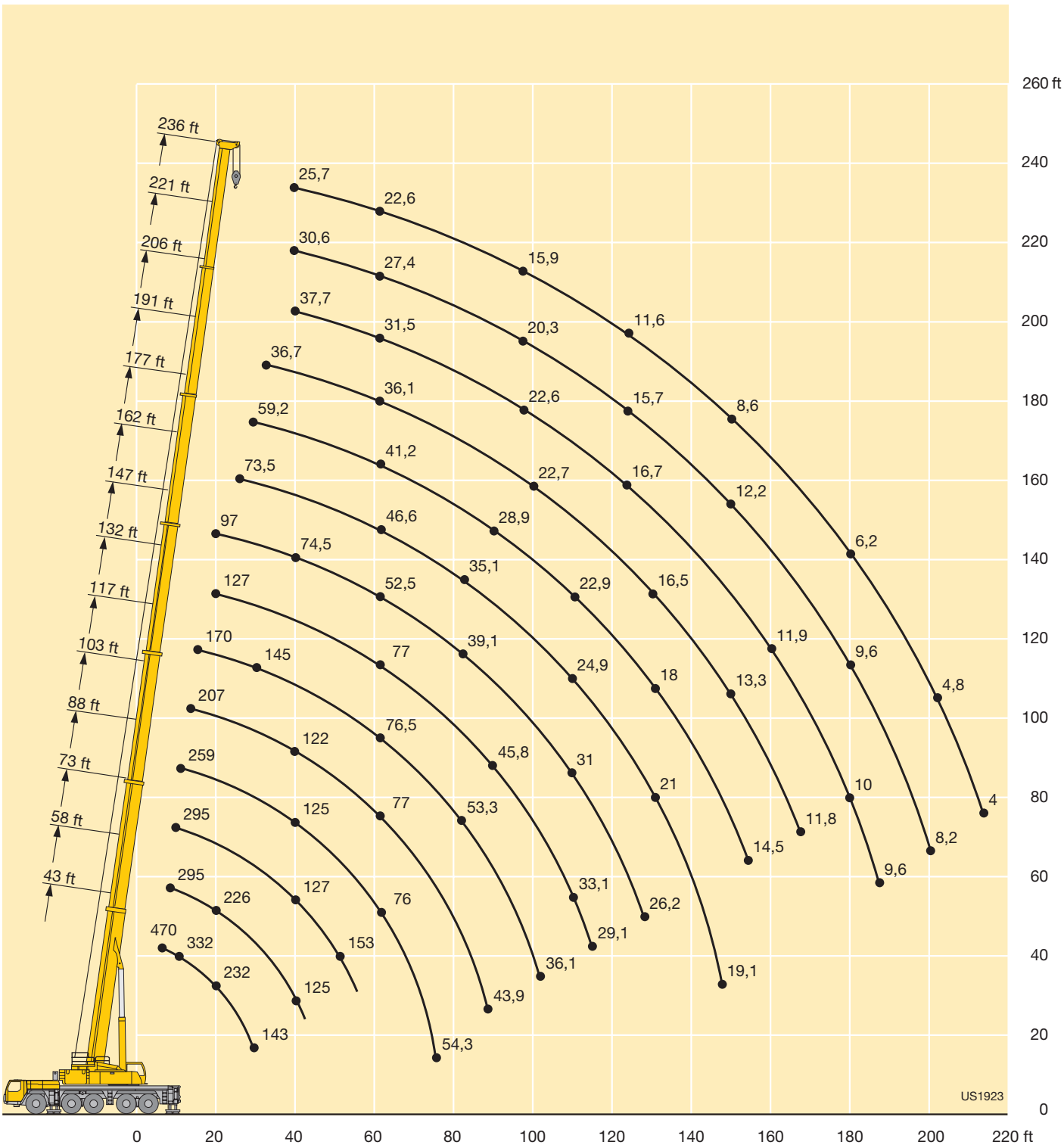
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<div><div><div></div><div></div><div>ft</div></div></div>	43 ft	58 ft	73 ft	88 ft	103 ft	117 ft	132 ft	147 ft	162 ft	177 ft	191 ft	206 ft	221 ft	236 ft	<div><div><div></div><div></div><div>ft</div></div></div>
8	332														8
10	330	295													10
12	304	293	246	214											12
14	274	258	222	196	159										14
16	225	201	178	159	146	127									16
18	179	164	149	135	125	112									18
20	141	132	122	114	104	95	67.5	66							20
24	96.5	95	90.5	84.5	78	75	64	63.5							24
28	70.5	71	69.5	66.5	61	60.5	55.4	53.4	46.7						28
32	54.1	55.5	55.4	54.8	49.6	50.8	48	45.5	42.9	38.9					32
36		44.6	45.2	45.5	44.2	43	40.7	39	36.5	34	31.2				36
40		36.9	37.8	38.5	37.7	36.7	34.8	33.5	31.3	29.2	26.8	24.6	17.1	16.6	40
47			28.4	29.4	29	28.5	27.1	26.1	24.3	22.6	20.6	18.7	16.4	16	47
54			21.8	23	22.9	22.6	21.4	20.7	19.2	17.7	15.9	14.2	12.2	12.1	54
61				18.4	18.3	18.2	17.2	16.6	15.2	14	12.3	10.8	8.9	9	61
68				14.7	14.8	14.8	13.8	13.4	12.1	11	9.5	8.1			68
75				11.6	12	12	11.2	10.8	9.6	8.6	7.1				75
82					9.6	9.8	9	8.7	7.6	6.6					82
89					7.5	8	7.2	6.9	5.8						89
96						6.3	5.7	5.4							96
103						4.8									103

TAB 1555414

TAB 1555414










Lifting heights
Hauteurs de levage













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

																			
	43 ft			88 ft			103 ft			132 ft			147 ft			162 ft			
	18 ft			18 ft			18 ft			18 ft			18 ft			18 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	134	115																	10
12	134	110	89	134															12
14	134	106	87.5	134															14
16	131	101	85	134			100												16
18	125	97	82	134	101		96.5												18
20	119	92.5	79	132	101	79.5	92	71.5		87.5									20
24	106	85	74.5	126	95.5	79	84	70	59.3	86				77					24
28	95	78	70.5	119	90.5	76	77.5	65.5	57.9	81	66			75.5					28
32	86	72.5	67	111	86	73.5	71.5	61.5	54.8	76	64	56	72.5	62		59.7			32
36	78	68	64.5	103	82	71	66.5	57.8	52.2	71.5	60.5	54.1	69	59.7	53.6	57.8	56.8		36
40	72	61	58.8	95	78.5	69.5	62.5	54.6	49.8	67.5	57.6	52	65.5	57.2	51.6	55	54.2	50.1	40
47	63			83.5	73.5	66	55.9	50	46.2	61.5	53.4	48.6	58.7	53.1	48.6	49.8	49.3	47.2	47
54				74	68.5	63.5	50.7	45.9	43	56.7	49.7	45.7	52.3	49.7	45.9	45.1	44.6	44.1	54
61				66.5	64	61.5	46.2	42.6	40.5	52.2	46.4	43.3	47.3	46	43.4	40.8	40.5	40.4	61
68				59.6	58.8	58.5	42.7	39.7	38.2	48.5	43.6	41.1	42.5	42.1	40.8	37.2	36.8	36.8	68
75				54.2	53.8	41.9	39.5	37.2	36.3	45.1	41.2	39.2	38.5	38.4	38.1	33.8	33.6	33.7	75
82				49.5	49.3	21.3	36.8	35.1	34.6	42.3	39	37.5	34.9	35.1	35.2	30.8	30.7	30.7	82
89				44.7	33.8	14.4	34.5	33.3	27.9	39.9	37.1	36.1	31.8	32	32.1	28.3	28.2	28.2	89
96							32.5	31.9	20	37.7	35.4	34.7	29.2	29.4	29.4	25.8	25.9	26	96
103							31	25.7	13.4	35.1	34	33.7	26.7	27	27.1	23.7	23.8	23.9	103
110							23.6			32	32.1	32.1	24.5	24.8	24.9	21.8	21.9	22	110
117										29	29.3	24.6	22.6	22.9	23	19.9	20.1	20.2	117
124										26.3	26.5	17.6	20.8	21	21.1	18.4	18.4	18.5	124
131										23.4	23.6	12	19.2	19.4	19.4	16.9	17	17.1	131
138													17.8	18	16.8	15.5	15.6	15.6	138
145													16.4	16.5	12	14.3	14.3	14.4	145
152																13.2	13.3	13.3	152
159																12.2	11.8	11.7	159
166																10.2			166

TAB 1555043 / 1555092 / 1555141








TAB 1555043 / 1555092 / 1555141

		 43 – 236 ft			 18 ft						 360°			 159000 lbs			 85%				
 ft	177 ft			191 ft			206 ft			221 ft			236 ft			 ft					
	18 ft			18 ft			18 ft			18 ft			18 ft								
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°						
36	46.7																36				
40	45.3	44.7	41.5	37.2	34.7		29.3	24.6		22							40				
47	42.1	41.2	41	35.2	34.4	32.1	29	24.5	27.2	21.9	20.9		17.3				47				
54	38.7	38	37.7	32.7	32	31.7	27.5	27	26.8	21	20.7	19.7	17.2	16.5	16.3		54				
61	35.6	35	34.7	30.4	29.9	29.7	25.9	25.4	25.2	20	19.6	19.4	16.5	16.3	16.1		61				
68	32.6	32.3	32.1	28.2	27.9	27.8	24.2	23.8	23.4	19	18.6	18.4	15.7	15.5	15.4		68				
75	30	29.8	29.7	26.2	26	26	22.5	22.2	21.8	18	17.5	17.5	14.9	14.7	14.7		75				
82	27.4	27.5	27.5	24.5	24.1	24.2	20.9	20.6	20.5	16.9	16.6	16.5	14.1	14	14.1		82				
89	25.1	25.2	25.3	22.8	22.4	22.5	19.6	19.2	19.2	16	15.7	15.7	13.4	13.3	13.4		89				
96	23.1	23.2	23.3	21.1	20.7	20.8	18.2	18	18	15.1	14.9	14.9	12.6	12.7	12.7		96				
103	21.1	21.2	21.4	19.4	19.1	19.2	16.9	16.8	16.9	14.3	14.2	14.2	11.8	11.9	12		103				
110	19.4	19.4	19.5	17.7	17.6	17.7	15.7	15.7	15.8	13.5	13.4	13.5	10.9	11.1	11.2		110				
117	17.9	17.9	18	16.1	16.2	16.3	14.7	14.7	14.8	12.8	12.7	12.7	10.1	10.3	10.4		117				
124	16.4	16.5	16.6	14.9	14.9	15	13.5	13.7	13.7	12.1	12.1	12.1	9.3	9.5	9.6		124				
131	15	15.1	15.2	13.8	13.8	13.9	12.6	12.6	12.8	11.5	11.5	11.5	8.6	8.7	8.9		131				
138	14	14	14.1	12.6	12.8	12.8	11.8	11.8	11.9	10.9	10.9	10.9	7.9	8.1	8.2		138				
145	12.9	13	13	11.6	11.7	11.8	10.9	11	11.1	10.3	10.3	10.4	7.2	7.4	7.5		145				
152	11.9	12	12	10.9	11	11	10.1	10.2	10.3	9.7	9.7	9.8	6.5	6.7	6.8		152				
159	11	11.1	11.1	10.1	10.2	10.2	9.4	9.5	9.6	9.1	9.1	9.2	5.9	6.1	6.1		159				
166	10.3	10.3	10.3	9.4	9.5	9.5	8.8	8.9	8.9	8.5	8.6	8.6	5.3	5.4	5.5		166				
173	9.5	9.6	8.9	8.7	8.8	8.8	8.2	8.3	8.3	7.9	8	8	4.7	4.8	4.9		173				
180				8.1	8.2	8.2	7.6	7.6	7.7	7.4	7.5	7.5	4.1	4.2	4.3		180				
187				7.5	7.6	7.6	7	7.1	7.1	6.9	7	7	3.6	3.7	3.7		187				
194							6.6	6.6	6.6	6.4	6.5	6.5	3.1	3.2	3.2		194				
201							6.2	6.2	6.2	6	6	6	2.6	2.7	2.6		201				
208										5.5	5.6	5.6					208				
215										5.1	5.2	5.1					215				
222										4.8							222				

TAB 1555043 / 1555092 / 1555141





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

																																		
	43 ft			88 ft			103 ft			132 ft			147 ft			162 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	46.1																			10														
12	46.1				46.1															12														
14	46.1				46.1															14														
16	46.1				46.1			46.1												16														
18	46.1	38.9			46.1			46.1												18														
20	46.1	38.6			46.1			46.1		46.1										20														
24	46.1	35.2			46.1	37.4		46.1		46.1			46.1							24														
28	46.1	32.3			46.1	36.3		46.1		46.1			46.1			43.3				28														
32	44.2	30	25.2		46.1	34.3		46.1	33.2		46.1			46.1			43.1			32														
36	39.4	28	23.8		46.1	32.4		46.1	31.9		46.1	32.7		46.1			42.7			36														
40	35.9	26.2	22.8		46.1	30.8	24.5	45.8	30.5	23.3	46.1	31.4		45.9	29.7		42.1	29.2		40														
47	30.3	23.7	21.3		45.3	28.5	23.3	42.3	28.4	23.1	45.2	29.5	23.4	44.2	29.4	22.8	40.5	29		47														
54	26.4	21.4	20.3		40.1	26.5	22.2	37.7	26.6	22.2	41.2	27.8	22.6	40.8	27.9	22.6	38.6	27.6	21.9	54														
61	23	19.7	19.8		35.5	24.7	21.4	34.1	25.1	21.4	37.9	26.4	21.9	37.7	26.6	21.9	35.8	26.3	21.8	61														
68	20.3	18.5			32	23.1	20.7	31	23.7	20.8	34.7	25.2	21.3	35.2	25.3	21.4	33.1	25.2	21.2	68														
75					29	21.7	20.2	28.5	22.3	20.3	32.1	24	20.8	32.7	24.2	20.9	30.6	24.2	20.8	75														
82					26.5	20.6	19.8	26.4	21.1	19.9	29.9	22.9	20.3	30.5	23	20.4	28.1	23.2	20.4	82														
89					24.5	19.6	19.6	24.5	20.2	19.5	27.8	21.9	20	28.7	22	20.1	25.9	22.2	20	89														
96					22.6	18.9	19.6	22.8	19.4	19.2	26.2	20.9	19.7	27	21.2	19.8	24.1	21.3	19.7	96														
103					20.9	18.3	19.6	21.2	18.7	18.8	24.7	20.1	19.4	25.3	20.5	19.5	22.4	20.4	19.4	103														
110					19.3	17.9	19.6	19.8	18	18.3	23.3	19.5	19	23.6	19.8	19.3	20.7	19.5	18.9	110														
117					18.1	17.9		18.6	17.4	18	22	18.8	18.7	22	19.3	19	19.2	18.6	18.3	117														
124								17.6	16.8	18	20.8	18.3	18.3	20.4	18.8	18.5	17.7	17.4	17.6	124														
131								16.8	16.7		19.6	17.8	18	18.9	18.1	18.1	16.1	16.2	16.5	131														
138											18.7	17.3	17.7	17.4	17.1	17.2	14.9	15.1	15.4	138														
145											17.9	16.9	17.7	16	16	16.2	13.9	14	14.3	145														
152											17	16.5		14.9	15	15.3	12.9	13.1	13.4	152														
159											13.8			13.9	14.1	14.2	11.9	12.2	12.5	159														
166														13	13.2	12.4	11.2	11.4	11.6	166														
173														10.9			10.5	10.6	10.8	173														
180																	9.8	9.9		180														

TAB 1555050 / 1555099 / 1555148






TAB 1555050 / 1555099 / 1555148

		43 – 221 ft		40 ft		360°		159000 lbs		85%			
 ft	177 ft			191 ft			206 ft			221 ft			 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°	
36	35.6												36
40	35.1			28.9			21.6			17.4			40
47	33.9	26.9		28.3			21.5			17.3			47
54	32.4	26.7		27.3	23.6		20.9	19.1		16.8			54
61	30.6	25.6	21.1	25.9	23.2	20.5	19.9	18.8		16.2	15		61
68	28.6	24.6	20.9	24.4	21.9	20.4	18.9	17.9	16.7	15.5	14.8		68
75	26.6	23.6	20.5	22.7	20.6	19.8	17.9	16.9	16.4	14.8	14.1	13.4	75
82	24.8	22.5	20.1	21.1	19.5	18.9	16.9	16.1	15.6	14.1	13.5	13.1	82
89	23.1	21.4	19.8	19.7	18.3	18	16	15.3	14.9	13.5	12.9	12.7	89
96	21.4	20.3	19.3	18.4	17.3	17	15.1	14.6	14.3	12.8	12.4	12.2	96
103	19.8	19.2	18.5	17	16.4	16.2	14.3	13.9	13.7	12.3	11.8	11.7	103
110	18.2	18	17.7	15.9	15.4	15.4	13.5	13.2	13.2	11.7	11.3	11.2	110
117	16.6	16.8	16.8	14.8	14.5	14.6	12.8	12.6	12.6	11.2	10.9	10.8	117
124	15.3	15.5	15.7	13.7	13.7	13.8	12.1	11.9	12	10.6	10.4	10.4	124
131	14.2	14.4	14.6	12.6	12.9	13.1	11.4	11.4	11.4	10.1	10	10	131
138	13.2	13.4	13.7	11.8	12.1	12.4	10.7	10.8	10.9	9.6	9.5	9.6	138
145	12.1	12.5	12.8	11	11.4	11.6	10.1	10.2	10.4	9.2	9.1	9.2	145
152	11.3	11.6	11.9	10.3	10.7	10.9	9.5	9.7	9.9	8.7	8.7	8.8	152
159	10.6	10.8	11.1	9.5	9.9	10.2	8.9	9.1	9.3	8.2	8.3	8.4	159
166	9.9	10.1	10.4	8.9	9.2	9.4	8.4	8.6	8.8	7.8	7.9	8	166
173	9.2	9.4	9.7	8.3	8.6	8.8	7.8	8	8.2	7.3	7.5	7.6	173
180	8.6	8.8	9	7.7	8.1	8.2	7.3	7.5	7.7	6.9	7.1	7.2	180
187	8	8.2	8.3	7.2	7.5	7.6	6.8	7	7.1	6.5	6.7	6.8	187
194	7.5	7.6		6.7	7	7	6.3	6.5	6.6	6	6.2	6.4	194
201				6.3	6.5	6.5	5.8	6	6.1	5.6	5.8	5.9	201
208				5.8	6	6	5.4	5.6	5.6	5.2	5.4	5.5	208
215							5.1	5.2	5.2	4.8	5	5	215
222							4.7	4.8	4.8	4.4	4.6	4.6	222
229							4.4	4.5		4.1	4.2	4.2	229
236										3.7	3.9	3.8	236



TAB 1555050 / 1555099 / 1555148



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



85%

 ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 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°	
10	46.1																		10
12	46.1																		12
14	46.1																		14
16	46.1																		16
18	46.1				44.1														18
20	46.1				44.3			37.5											20
24	45.4				44.2			37.7											24
28	42.3				43.4			37.5			33.6								28
32	38.1	28			42.2			36.8			33.7		30.7						32
36	34	26.7			40.5			36.1			33.5		30.8			27.4			36
40	30.8	25.1			38.7	25.5		34.3	23.5		33.1		30.6			27.2			40
47	26	22.5	18.2		34.9	25.5		30.9	23.2		32	22.3	30			26.6			47
54	22.3	20.5	18	31	25	18	28.1	21.5		29.6	22		29	20.9		25.8	20.4		54
61	19.4	18.9	17	27.5	23.2	17.7	25.6	20	15.6	27.4	20.6		27.2	20.5		24.9	20.1		61
68	17.1	17.4	16.2	24.8	21.7	17.1	23.3	18.7	15.4	25.5	19.4	15.3	25.5	19.4	15.3	23.9	19		68
75	15.2	16.2	15.6	22.3	20.5	16.5	21.4	17.5	14.8	23.7	18.3	15.1	23.8	18.4	15.1	22.8	18.1	14.6	75
82	13.6	15.2	15	20.3	19.3	16	19.5	16.4	14.2	22	17.4	14.6	22.2	17.4	14.6	21.6	17.2	14.5	82
89	12.3	14.4		18.4	18.3	15.6	18	15.5	13.7	20.5	16.5	14.1	20.6	16.6	14.1	20.4	16.4	14.1	89
96				16.8	17.3	15.3	16.8	14.6	13.3	19	15.6	13.7	19.4	15.8	13.7	19.3	15.7	13.7	96
103				15.6	16.5	15	15.5	13.9	12.9	17.7	14.9	13.3	18.2	15.1	13.4	18.2	15.1	13.4	103
110				14.3	15.8	14.8	14.6	13.2	12.5	16.6	14.3	13	17.1	14.5	13.1	17.3	14.5	13.1	110
117				13.4	15.2	14.7	13.8	12.7	12.1	15.7	13.7	12.6	16.2	13.9	12.8	16.4	14	12.8	117
124				12.6	14.7	14.7	12.9	12.2	11.9	14.7	13.2	12.3	15.4	13.4	12.5	15.5	13.5	12.5	124
131				11.9	14.4	14.7	12.3	11.7	11.7	14	12.7	12.1	14.6	13	12.2	14.6	13.1	12.2	131
138							11.8	11.4	11.6	13.4	12.3	11.8	13.8	12.6	11.9	13.7	12.6	12	138
145							11.2	11.1		12.8	11.9	11.7	13.3	12.2	11.8	12.8	12.2	11.8	145
152							10.6			12.2	11.6	11.6	12.8	11.8	11.6	11.9	11.9	11.6	152
159										11.8	11.3	11.5	12.3	11.6	11.5	11.2	11.5	11.5	159
166										11.4	11.1	11.5	11.8	11.3	11.4	10.5	11	11.2	166
173										11	10.9		11.3	11	11.3	9.9	10.3	10.6	173
180										10.3			10.7	10.7	11.1	9.2	9.7	9.9	180
187													10.2	10.4		8.7	9.1	9.2	187
194																8.1	8.5	8.5	194
201																7.6	7.9		201
208																5.8			208

TAB 1555057 / 1555106 / 1555155










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

<div><div>43 – 221 ft</div><div>63 ft</div><div>159000 lbs</div><div>360°</div><div>85%</div></div>													
ft	177 ft			191 ft			206 ft			221 ft			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°	
36	22.7												36
40	22.7			18.9			15.4						40
47	22.6			18.8			15.4			12.3			47
54	22.2			18.3			15			12.2			54
61	21.8	18.5		18			14.7			12			61
68	21.3	18.2		17.5	16.5		14.5			11.8			68
75	20.7	17.4		17	16.2		14.3	13.2		11.7			75
82	20	16.6	14	16.3	15.6		13.8	12.9		11.5	10.4		82
89	19	15.9	13.9	15.7	15	13.3	13.2	12.4		11.1	10.2		89
96	17.9	15.3	13.5	15	14.3	13.2	12.7	11.9	10.8	10.6	9.8	9.3	96
103	16.8	14.7	13.2	14.2	13.7	12.9	12.1	11.4	11.1	10.1	9.5	9.1	103
110	15.8	14.2	12.9	13.5	13	12.6	11.5	10.9	10.7	9.7	9.1	8.8	110
117	14.8	13.8	12.6	12.7	12.4	12.2	10.9	10.4	10.3	9.3	8.8	8.5	117
124	13.9	13.3	12.4	12.1	11.9	11.9	10.4	10	9.9	8.9	8.5	8.2	124
131	12.9	12.8	12.1	11.4	11.3	11.4	9.8	9.6	9.5	8.5	8.1	8	131
138	12.1	12.2	11.9	10.8	10.7	10.9	9.4	9.2	9.2	8.1	7.8	7.7	138
145	11.3	11.6	11.6	10.2	10.2	10.4	8.9	8.8	8.9	7.7	7.5	7.5	145
152	10.6	11.1	11.3	9.5	9.8	9.9	8.4	8.4	8.5	7.4	7.2	7.2	152
159	9.9	10.4	10.8	8.9	9.2	9.5	8	8	8.2	7	6.9	7	159
166	9.2	9.7	10.1	8.4	8.7	9	7.5	7.7	7.8	6.7	6.6	6.7	166
173	8.7	9.1	9.4	7.8	8.2	8.5	7.1	7.3	7.5	6.3	6.4	6.5	173
180	8.1	8.5	8.7	7.2	7.6	7.9	6.6	6.9	7.1	6	6.1	6.2	180
187	7.6	7.9	8.1	6.8	7.1	7.4	6.2	6.5	6.7	5.6	5.8	6	187
194	7.1	7.4	7.5	6.3	6.6	6.8	5.8	6.1	6.3	5.3	5.5	5.7	194
201	6.6	6.9	7	5.8	6.2	6.3	5.3	5.7	5.9	4.9	5.2	5.4	201
208	6.2	6.4	6.4	5.4	5.7	5.8	4.9	5.3	5.5	4.6	4.9	5.1	208
215	5.7	5.9		5	5.2	5.3	4.5	4.9	5	4.2	4.6	4.8	215
222	5.1			4.6	4.8	4.8	4.1	4.4	4.5	3.8	4.2	4.4	222
229				4.3	4.4		3.7	4	4.1	3.5	3.8	3.9	229
236				3.7	4.1		3.4	3.6	3.6	3.1	3.4	3.4	236
243							3.1	3.2		2.8	3	3	243
250										2.4	2.6	2.6	250

TAB 1555057 / 1555106 / 1555155






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

																										
	43 ft			88 ft			103 ft			132 ft			147 ft			162 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°								
10	31.8																		10							
12	32																		12							
14	32.1																		14							
16	31.9																		16							
18	31.5																		18							
20	31.2			29.2			24.2												20							
24	29.9			29.2			24.4												24							
28	28.5			28.6			24.5			22.6									28							
32	27			28.1			24.3			22.8			21.3						32							
36	25.5			27.3			24.1			22.7			21.4			19.7			36							
40	24.1	19		26.3	18.5		23.7			22.5			21.3			19.7			40							
47	21.7	17.6		24.7	18.4		22.8	17.1		22.2			21.1			19.6			47							
54	19.4	16.3	13.4	22.9	17.4		21.8	16.9		21.5	16.5		20.7	16.3		19.4			54							
61	17.3	15.3	13.3	21.3	16.5	13.2	20.7	16.1		20.8	16.3		20.1	16.1		19.1	15.4		61							
68	15.3	14.4	12.8	19.8	15.7	13.1	19.6	15.5	12.8	20	15.7		19.5	15.5		18.6	15.3		68							
75	13.8	13.6	12.4	18.4	15	12.8	18.6	14.9	12.7	19.1	15.1	12.5	18.8	15	12.5	18.1	14.8		75							
82	12.4	13	12.1	17.1	14.4	12.5	17.6	14.3	12.4	18.3	14.6	12.4	18.1	14.6	12.4	17.5	14.4	12.2	82							
89	11.4	12.5	12	15.8	13.8	12.2	16.6	13.8	12.1	17.5	14.2	12.2	17.4	14.2	12.2	17	14	12.1	89							
96	10.5	12.2	12	14.5	13.4	12	15.7	13.3	11.8	16.8	13.8	12	16.8	13.8	12	16.4	13.6	11.9	96							
103	9.7	12.1		13.5	13	11.9	14.7	12.7	11.5	16	13.4	11.8	16.1	13.4	11.9	15.9	13.3	11.8	103							
110				12.7	12.6	11.8	13.7	12.2	11.2	15.3	12.9	11.5	15.4	13	11.7	15.3	12.9	11.6	110							
117				11.9	12.3	11.8	13	11.7	11	14.6	12.4	11.3	14.8	12.6	11.4	14.7	12.6	11.4	117							
124				11.2	12.1	11.8	12.3	11.2	10.7	13.8	12	11.1	14.1	12.2	11.2	14.2	12.2	11.2	124							
131				10.6	11.9	11.8	11.7	10.8	10.5	13.1	11.6	10.9	13.6	11.8	10.9	13.6	11.9	10.9	131							
138				10.1	11.9		11.1	10.4	10.4	12.5	11.2	10.7	13	11.4	10.8	13	11.5	10.8	138							
145				9.6			10.7	10.1	10.4	12	10.8	10.5	12.4	11.1	10.6	12.4	11.2	10.6	145							
152							10.2	9.9		11.5	10.5	10.4	11.9	10.8	10.4	11.8	10.9	10.4	152							
159							9.9			11.1	10.3	10.3	11.5	10.5	10.3	11.2	10.6	10.3	159							
166										10.7	10	10.2	11.1	10.3	10.2	10.6	10.4	10.2	166							
173										10.3	9.9	10.2	10.7	10	10.2	10	10	10	173							
180										10	9.7		10.4	9.8	10.2	9.4	9.6	9.7	180							
187										9.7	9.7		10	9.7	10.2	8.8	9.1	9.3	187							
194													9.7	9.6		8.3	8.6	8.8	194							
201													9			7.8	8.1	8.2	201							
208																7.3	7.6		208							
215																6.8	7		215							

TAB 1555064 / 1555113 / 1555162



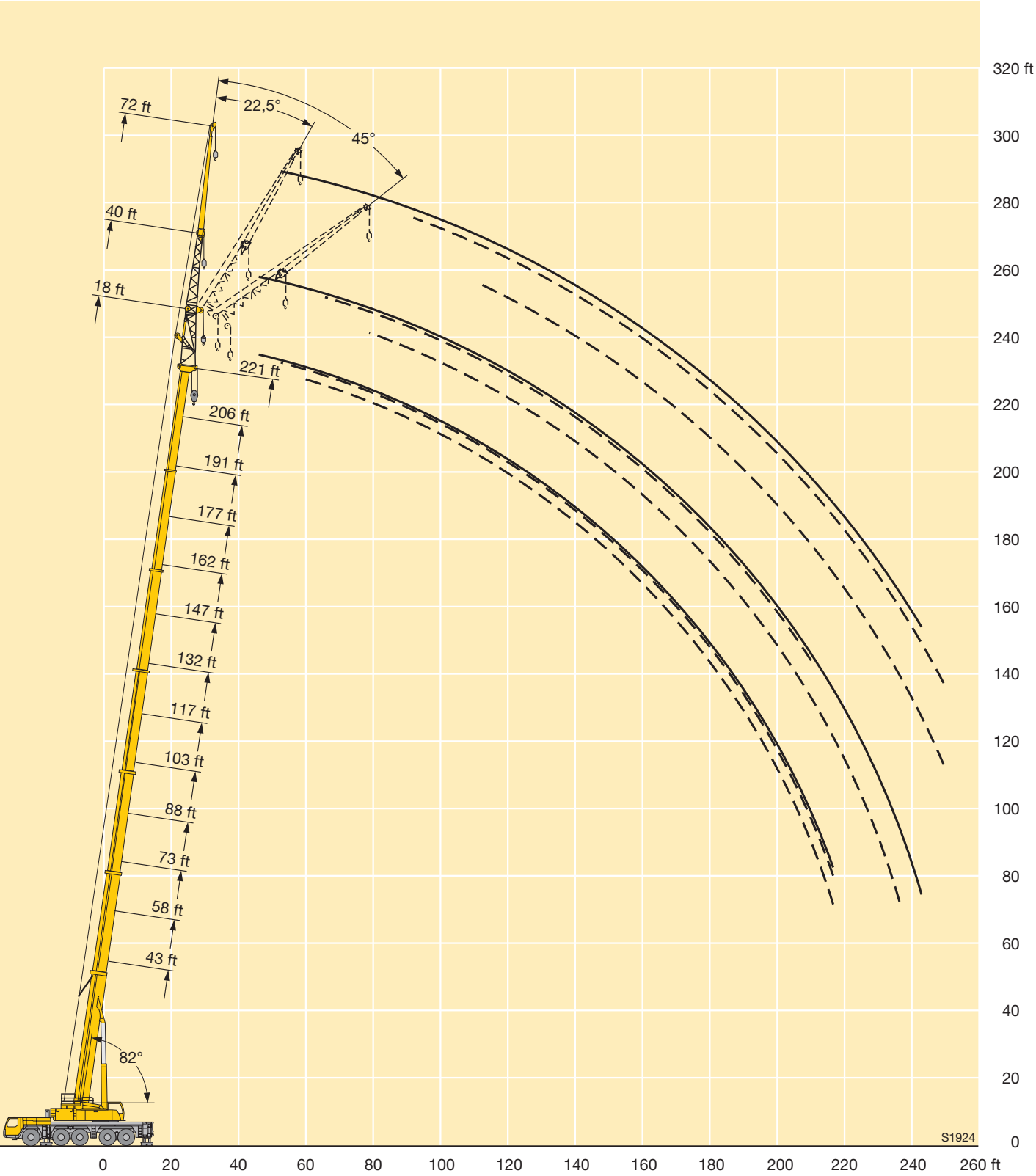
Lifting capacities on the hydraulically or mechanically variable folding jib
Forces de levage à la fléchette pliante à variation hydraulique
ou mécanique

<div><div>43 – 221 ft</div><div>72 ft</div><div></div><div>360°</div><div>159000 lbs</div><div>85%</div></div>													
 ft	177 ft			191 ft			206 ft			221 ft			 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°	
40	17.7			15.6			13.3						40
47	17.8			15.6			13.3			10.7			47
54	17.7			15.4			13			10.7			54
61	17.5			15.2			12.8			10.6			61
68	17.3	14.5		15			12.6			10.4			68
75	16.8	14.4		14.8	13.5		12.5			10.3			75
82	16.4	14		14.6	13.4		12.2	11.8		10.1			82
89	16	13.7	11.9	14.4	13.1		11.9	11.6		9.9	9.4		89
96	15.6	13.4	11.8	14	12.9	11.5	11.7	11.2		9.7	9.2		96
103	15.1	13.1	11.7	13.5	12.6	11.4	11.3	10.7	10.4	9.4	8.8	8.4	103
110	14.7	12.8	11.5	12.8	12.2	11.3	10.9	10.3	10.1	9.1	8.5	8.2	110
117	14.1	12.4	11.3	12.2	11.8	11.1	10.4	9.9	9.8	8.8	8.2	7.9	117
124	13.4	12.1	11.1	11.6	11.4	10.9	9.9	9.5	9.4	8.4	7.9	7.7	124
131	12.6	11.7	10.9	11	10.9	10.7	9.5	9.1	9.1	8.1	7.6	7.4	131
138	11.9	11.4	10.7	10.5	10.4	10.4	9	8.8	8.7	7.7	7.4	7.2	138
145	11.2	11.1	10.5	9.9	9.9	10	8.6	8.5	8.4	7.3	7.1	7	145
152	10.5	10.7	10.4	9.4	9.5	9.6	8.2	8.1	8.2	7	6.8	6.8	152
159	9.9	10.4	10.2	8.8	9.1	9.3	7.8	7.8	7.9	6.8	6.6	6.6	159
166	9.3	9.8	10	8.3	8.6	8.9	7.4	7.5	7.6	6.4	6.3	6.4	166
173	8.6	9.2	9.4	7.8	8.2	8.5	7	7.1	7.3	6.1	6.1	6.2	173
180	8.1	8.6	8.9	7.3	7.7	8	6.6	6.8	7	5.8	5.9	6	180
187	7.6	8	8.3	6.8	7.2	7.5	6.2	6.5	6.7	5.5	5.6	5.8	187
194	7.2	7.5	7.8	6.3	6.7	7	5.8	6.1	6.3	5.2	5.4	5.6	194
201	6.7	7	7.2	5.9	6.3	6.5	5.4	5.7	6	4.9	5.1	5.3	201
208	6.2	6.5	6.7	5.5	5.9	6	5	5.4	5.6	4.6	4.9	5.1	208
215	5.8	6.1	6.1	5.1	5.4	5.5	4.6	5	5.2	4.2	4.6	4.8	215
222	5.4	5.7		4.7	5	5.1	4.2	4.6	4.7	3.9	4.3	4.5	222
229	5	5.2		4.4	4.6	4.6	3.8	4.2	4.3	3.5	3.9	4.1	229
236				4	4.2	4.1	3.5	3.8	3.8	3.2	3.6	3.7	236
243							3.2	3.4	3.4	2.8	3.2	3.2	243
250							2.9	3		2.5	2.8	2.8	250
257											2.4		257

TAB 1555064 / 1555113 / 1555162








TAB 1555064 / 1555113 / 1555162

Lifting heights
Hauteurs de levage





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

																												
		43 ft			88 ft			103 ft			132 ft			147 ft			162 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°									
14	31.3																		14									
16	31.5																		16									
18	31.3																		18									
20	31																		20									
24	29.9			27.7			22.6												24									
28	28.3			27.6			22.8												28									
32	26.5			26.9			22.8			20.6									32									
36	24.7			26.1			22.7			20.7			19.1						36									
40	22.8			25			22.5			20.7			19.2			17.4			40									
47	19.6	16.2		22.9			21.7			20.4			19			17.4			47									
54	17	14.7		20.9	14.6		20.5	14.2		20			18.8			17.2			54									
61	14.8	13.5		19	14.4		19.3	14		19.1	13.6		18.2			16.9			61									
68	13.1	12.5	10.2	17.3	13.6		18.1	13.3		18.2	13.4		17.5	12.9		16.5			68									
75	11.7	11.6	10	15.7	12.8	10	16.8	12.6		17.3	12.8		16.8	12.7		15.9	12.2		75									
82	10.5	10.9	9.5	14.2	12.1	9.9	15.6	12	9.6	16.4	12.3		16	12.2		15.4	12		82									
89	9.6	10.2	9.1	12.9	11.5	9.5	14.5	11.5	9.5	15.5	11.8	9.4	15.3	11.7	9.4	14.8	11.6		89									
96	8.8	9.7	8.8	12	11	9.3	13.3	11	9.2	14.6	11.3	9.3	14.6	11.3	9.2	14.2	11.2	9.1	96									
103	8.1	9.2	8.7	11.1	10.5	9	12.4	10.5	9	13.8	10.9	9.1	13.9	10.9	9.1	13.7	10.8	9	103									
110	7.5	8.9	8.6	10.3	10.1	8.8	11.7	10.1	8.8	13	10.5	8.9	13.2	10.6	8.9	13.1	10.5	8.8	110									
117	7	8.7		9.6	9.7	8.6	10.9	9.7	8.6	12.2	10.2	8.7	12.6	10.2	8.7	12.6	10.2	8.7	117									
124				9.1	9.3	8.5	10.2	9.3	8.5	11.6	9.8	8.6	12	9.9	8.6	12	9.9	8.6	124									
131				8.5	9.1	8.5	9.7	8.9	8.3	11	9.5	8.5	11.4	9.6	8.5	11.5	9.6	8.5	131									
138				8	8.9	8.5	9.2	8.6	8.2	10.4	9.2	8.3	10.9	9.3	8.4	11	9.4	8.4	138									
145				7.6	8.7	8.5	8.7	8.3	8	9.9	8.9	8.2	10.4	9	8.3	10.6	9.1	8.3	145									
152				7.2	8.6		8.2	8	8	9.4	8.6	8.1	9.9	8.8	8.1	10.2	8.8	8.2	152									
159				6.9			7.9	7.7	8	9	8.3	8	9.4	8.5	8	9.7	8.6	8.1	159									
166							7.5	7.6		8.6	8.1	8	9.1	8.3	8	9.3	8.4	8	166									
173							7.2			8.2	7.9	7.9	8.7	8	7.9	8.9	8.2	7.9	173									
180										7.9	7.7	7.9	8.3	7.9	7.8	8.5	7.9	7.8	180									
187										7.6	7.5	7.9	8	7.7	7.8	8	7.7	7.7	187									
194										7.4	7.5		7.8	7.5	7.8	7.6	7.5	7.6	194									
201										7.1	7.4		7.5	7.5	7.8	7.1	7.3	7.6	201									
208													7.3	7.4		6.7	7	7.2	208									
215													7.1			6.3	6.6	6.6	215									
222																5.9	6.1		222									
229																5.3	5.6		229									

TAB 1555071 / 1555120 / 1555169



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

43 – 221 ft

86 ft

159000 lbs

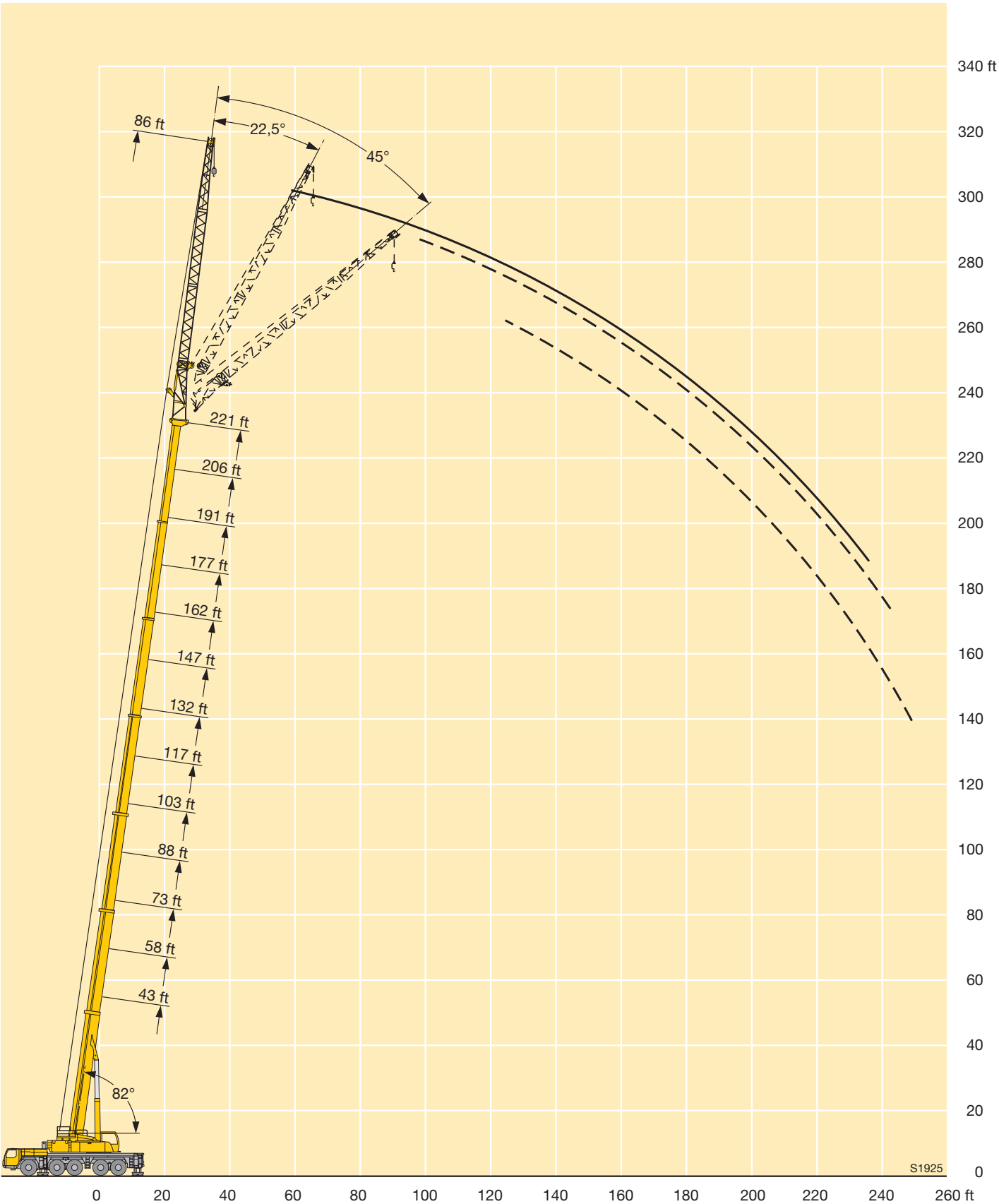
85%

	177 ft			191 ft			206 ft			221 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°	
40	15.4			13.3									40
47	15.4			13.3			10.9						47
54	15.3			13			10.8			8.6			54
61	15			12.8			10.6			8.5			61
68	14.8			12.6			10.4			8.4			68
75	14.5	11.8		12.4			10.2			8.3			75
82	14.2	11.6		12.2	10.9		10			8.1			82
89	13.9	11.3		12.1	10.7		9.9	9.7		8			89
96	13.5	10.9		11.9	10.5		9.7	9.5		7.9	7.6		96
103	13.1	10.6	8.8	11.7	10.2		9.6	9.3		7.7	7.4		103
110	12.7	10.3	8.7	11.3	9.9	8.5	9.4	8.9		7.6	7.1		110
117	12.2	10	8.6	10.8	9.7	8.4	9.1	8.5	8.2	7.5	6.8		117
124	11.8	9.7	8.5	10.3	9.5	8.3	8.7	8.2	8	7.2	6.6	6.3	124
131	11.3	9.5	8.4	9.9	9.2	8.3	8.3	7.8	7.8	6.9	6.3	6.1	131
138	10.7	9.3	8.3	9.4	8.9	8.2	7.9	7.5	7.5	6.6	6.1	5.9	138
145	10.2	9	8.2	8.9	8.6	8.1	7.5	7.2	7.2	6.3	5.8	5.7	145
152	9.7	8.8	8.1	8.4	8.3	8	7.2	6.9	6.9	6	5.6	5.5	152
159	9.1	8.6	8	7.9	8	7.9	6.8	6.7	6.7	5.7	5.5	5.3	159
166	8.6	8.4	7.9	7.5	7.7	7.8	6.5	6.4	6.4	5.4	5.3	5.2	166
173	8	8.1	7.8	7.1	7.3	7.5	6.1	6.1	6.2	5.2	5.1	5	173
180	7.5	7.7	7.7	6.6	6.9	7.2	5.8	5.9	6	4.9	4.9	4.9	180
187	7	7.3	7.4	6.2	6.6	6.9	5.4	5.6	5.7	4.6	4.7	4.7	187
194	6.5	6.9	7.2	5.7	6.2	6.5	5	5.3	5.5	4.3	4.5	4.5	194
201	6.1	6.5	6.8	5.3	5.8	6.1	4.6	5	5.2	4	4.2	4.4	201
208	5.6	6.1	6.3	4.9	5.4	5.7	4.2	4.7	4.9	3.7	4	4.2	208
215	5.2	5.6	5.8	4.5	4.9	5.2	3.9	4.3	4.6	3.4	3.7	4	215
222	4.9	5.2	5.2	4.1	4.5	4.7	3.5	4	4.3	3.1	3.5	3.7	222
229	4.5	4.8	4.7	3.7	4.1	4.2	3.1	3.6	3.8	2.7	3.2	3.4	229
236	4.1	4.4		3.3	3.7	3.7	2.8	3.2	3.4	2.4	2.9	3.2	236
243				3	3.3		2.4	2.8	2.9		2.5	2.7	243
250				2.6	2.9			2.4					250

TAB 1555071 / 1555120 / 1555169










Lifting heights Hauteurs de levage








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

																										
 ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 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°								
18	21.1																		18							
20	21.3			19															20							
24	21.5			19.1															24							
28	21.4			19.3			17.2												28							
32	20.9			19.4			17.3			16									32							
36	20.3			19.5			17.4			16.1			15.2						36							
40	19.5			19.4			17.4			16.1			15.2			14.1			40							
47	17.8	13.3		18.6			17.1			16.1			15.2			14.2			47							
54	16.2	13.1		17.7	12.8		16.4			16			15.2			14.1			54							
61	14.6	12.1		16.6	12.6		15.7	11.8		15.5			15			14.1			61							
68	13.1	11.2		15.6	11.9		14.9	11.6		14.9	11.3		14.5			13.9			68							
75	11.9	10.5	8.7	14.6	11.2		14.1	11		14.4	11.1		14	10.8		13.5	10.6		75							
82	10.7	9.8	8.5	13.6	10.7	8.5	13.4	10.5		13.8	10.7		13.5	10.6		13.1	10.4		82							
89	9.7	9.2	8.1	12.7	10.2	8.4	12.6	10.1	8.2	13.1	10.3		13	10.2		12.6	10.1		89							
96	8.9	8.7	7.8	11.9	9.7	8.1	11.9	9.6	8.1	12.5	9.9	8	12.5	9.8	8	12.2	9.7		96							
103	8.2	8.3	7.6	11.1	9.3	7.9	11.3	9.3	7.8	12	9.5	7.9	12	9.5	7.9	11.8	9.4	7.8	103							
110	7.6	7.9	7.4	10.3	8.9	7.7	10.6	8.9	7.7	11.5	9.2	7.7	11.5	9.2	7.7	11.3	9.1	7.6	110							
117	7	7.6	7.4	9.6	8.6	7.5	10	8.6	7.5	11	8.9	7.6	11.1	9	7.6	10.9	8.9	7.5	117							
124	6.5	7.5		9	8.3	7.4	9.4	8.3	7.4	10.5	8.6	7.5	10.6	8.7	7.4	10.6	8.6	7.4	124							
131				8.5	8	7.3	8.8	8.1	7.3	10	8.4	7.3	10.2	8.4	7.3	10.2	8.4	7.3	131							
138				7.9	7.8	7.3	8.4	7.8	7.2	9.5	8.2	7.3	9.8	8.2	7.3	9.8	8.2	7.2	138							
145				7.5	7.6	7.3	8	7.7	7.2	9	7.9	7.2	9.4	8	7.2	9.5	8	7.1	145							
152				7.1	7.4	7.3	7.5	7.4	7.2	8.5	7.8	7.1	9	7.8	7.1	9.1	7.8	7.1	152							
159				6.7	7.3		7.2	7.2	7.2	8.2	7.6	7.1	8.6	7.6	7.1	8.8	7.7	7	159							
166				6.4	7.3		6.9	7	7.2	7.9	7.4	7.1	8.2	7.5	7.1	8.4	7.5	7	166							
173							6.6	6.8		7.5	7.3	7.1	7.9	7.4	7.1	8.1	7.4	7	173							
180							6.4	6.8		7.2	7.1	7.1	7.6	7.2	7.1	7.8	7.3	7	180							
187										6.9	6.9	7.1	7.3	7.1	7.1	7.5	7.1	7	187							
194										6.7	6.8	7.1	7	6.9	7.1	7.3	7	7	194							
201										6.5	6.7		6.8	6.8	7.1	7	6.9	7	201							
208										6.3	6.7		6.6	6.7	7.1	6.7	6.7	7	208							
215										3.5			6.4	6.7		6.4	6.6	6.8	215							
222													6.2	6.7		6	6.3	6.4	222							
229																5.6	5.8		229							
236																5.1	5.4		236							

TAB 1555078 / 1555127 / 1555176

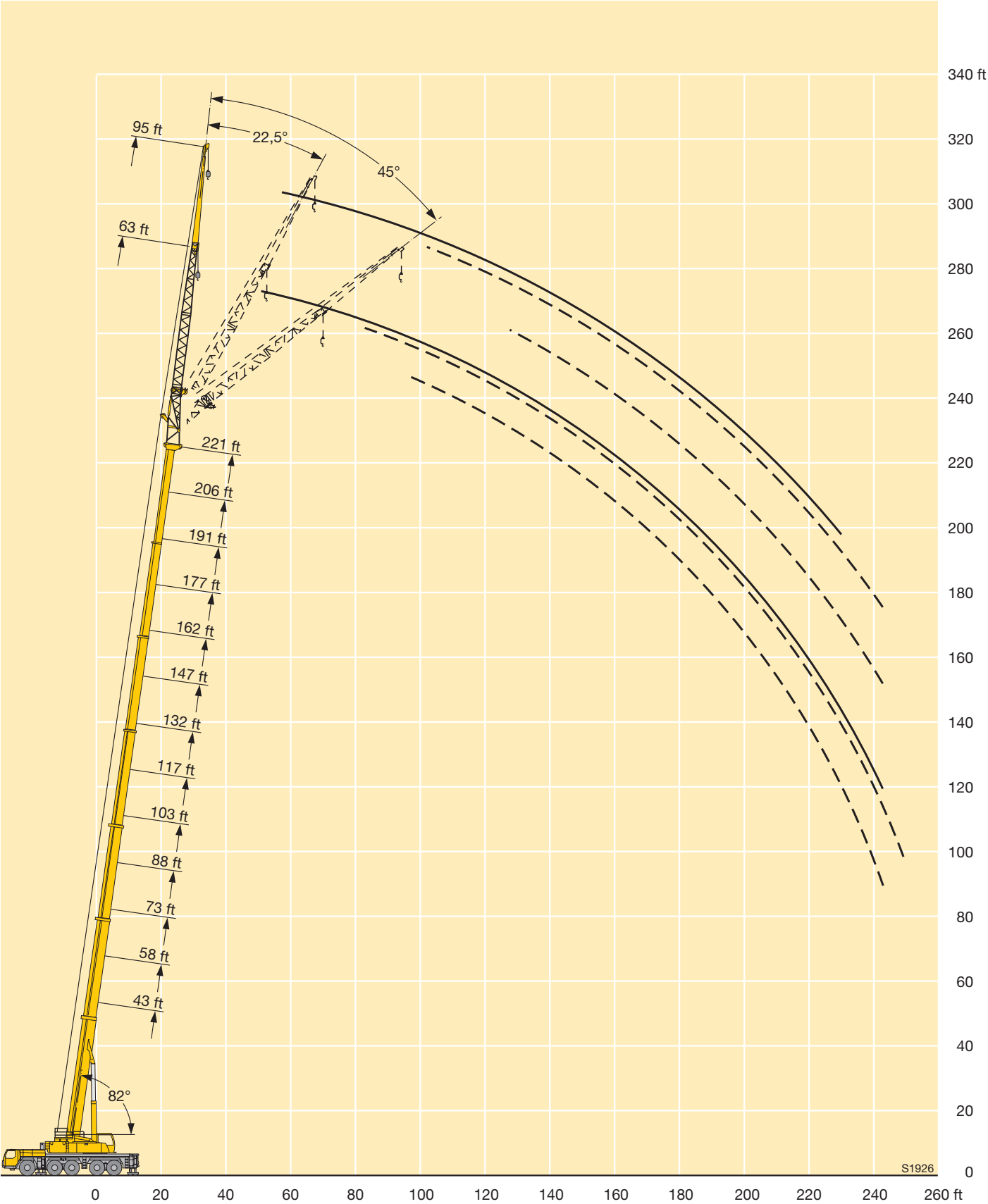


Lifting capacities on the hydraulically or mechanically variable folding jib
Forces de levage à la fléchette pliante à variation hydraulique
ou mécanique

<div><div>43 – 221 ft</div><div>95 ft</div><div></div><div>360°</div><div>159000 lbs</div><div>85%</div></div>													
 ft	177 ft			191 ft			206 ft			221 ft			 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°	
47	12.9			11.4			9.6						47
54	12.9			11.3			9.6			7.7			54
61	12.8			11.2			9.4			7.7			61
68	12.7			11			9.2			7.5			68
75	12.5			10.9			9.1			7.4			75
82	12.2	9.9		10.7			8.9			7.3			82
89	11.9	9.8		10.6	9.2		8.8			7.1			89
96	11.6	9.5		10.5	9.1		8.7	8.5		7			96
103	11.3	9.2		10.4	8.9		8.7	8.4		7	6.9		103
110	10.9	9	7.5	10.2	8.6		8.6	8.2		6.9	6.7		110
117	10.6	8.7	7.4	9.9	8.4	7.3	8.4	8		6.9	6.4		117
124	10.2	8.5	7.3	9.6	8.2	7.2	8.1	7.8	7	6.8	6.2		124
131	9.9	8.3	7.2	9.3	8.1	7.1	7.8	7.5	7	6.5	6	5.7	131
138	9.7	8.1	7.1	9	7.9	7	7.5	7.2	6.9	6.3	5.8	5.6	138
145	9.4	7.9	7.1	8.6	7.7	7	7.2	6.9	6.8	6	5.5	5.4	145
152	9.1	7.7	7	8.2	7.6	6.9	6.9	6.6	6.6	5.7	5.3	5.2	152
159	8.8	7.6	7	7.8	7.4	6.9	6.6	6.4	6.4	5.5	5.2	5	159
166	8.3	7.5	6.9	7.4	7.3	6.9	6.3	6.1	6.2	5.2	5	4.9	166
173	7.9	7.3	6.9	7	7	6.8	6	5.9	6	4.9	4.8	4.7	173
180	7.4	7.2	6.9	6.6	6.7	6.7	5.7	5.6	5.7	4.7	4.6	4.6	180
187	7	6.9	6.9	6.2	6.5	6.6	5.3	5.4	5.5	4.4	4.4	4.5	187
194	6.5	6.7	6.8	5.8	6.2	6.4	5	5.2	5.3	4.2	4.2	4.3	194
201	6.1	6.5	6.7	5.3	5.8	6.1	4.6	5	5.1	3.9	4.1	4.2	201
208	5.7	6.2	6.5	4.9	5.5	5.8	4.2	4.7	4.9	3.6	3.9	4.1	208
215	5.3	5.8	6	4.5	5.1	5.4	3.9	4.4	4.7	3.4	3.7	3.9	215
222	4.9	5.4	5.5	4.2	4.7	5	3.5	4	4.4	3.1	3.5	3.7	222
229	4.6	4.9	5	3.8	4.3	4.5	3.2	3.7	4	2.8	3.2	3.5	229
236	4.2	4.6	4.5	3.4	3.9	4	2.9	3.4	3.7	2.5	2.9	3.2	236
243	3.9	4.2		3.1	3.5	3.5	2.5	3	3.2		2.7	2.9	243
250				2.8	3.1			2.6	2.7			2.6	250
257				2.4	2.7								257









TAB 1555078 / 1555127 / 1555176

Lifting heights
Hauteurs de levage












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

		 43 – 206 ft			 118 ft						 360°			 159000 lbs			 85%																				
 ft	43 ft			88 ft			103 ft			132 ft			147 ft			162 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°																			
28	15.2																		28																		
32	15.1			13.9															32																		
36	14.8			13.9			12.6			11.6									36																		
40	14.3			13.8			12.5			11.7			11						40																		
47	13.4			13.6			12.4			11.7			11			10.2			47																		
54	12.4			12.9			12.1			11.5			11			10.2			54																		
61	11.4	8.8		12.3			11.6			11.3			10.8			10.1			61																		
68	10.4	8.6		11.6	8.5		11			10.9			10.6			10			68																		
75	9.6	8		10.9	8.3		10.5	7.8		10.5			10.2			9.8			75																		
82	8.8	7.5		10.2	7.9		9.9	7.7		10.1	7.5		9.9			9.5			82																		
89	8	7		9.6	7.4		9.4	7.3		9.6	7.3		9.5	7.1		9.2	7		89																		
96	7.3	6.5	5.5	9	7		8.9	6.9		9.2	7		9.1	7		8.8	6.9		96																		
103	6.6	6.1	5.3	8.4	6.7	5.4	8.4	6.6		8.8	6.7		8.7	6.7		8.5	6.6		103																		
110	6.1	5.8	5.1	7.9	6.4	5.3	8	6.3	5.1	8.4	6.5		8.4	6.5		8.2	6.4		110																		
117	5.6	5.5	4.9	7.4	6.1	5.1	7.5	6.1	5	8	6.2	5	8	6.2	5	7.9	6.1		117																		
124	5.1	5.2	4.7	6.9	5.8	4.9	7.1	5.8	4.9	7.6	6	4.9	7.7	6	4.9	7.6	5.9	4.8	124																		
131	4.8	5	4.6	6.4	5.6	4.8	6.7	5.6	4.8	7.3	5.8	4.8	7.4	5.8	4.8	7.3	5.8	4.7	131																		
138	4.4	4.8		6.1	5.4	4.7	6.3	5.4	4.7	6.9	5.6	4.7	7.1	5.6	4.7	7	5.6	4.6	138																		
145	4.1	4.6		5.7	5.1	4.6	5.9	5.2	4.6	6.6	5.4	4.6	6.7	5.4	4.6	6.7	5.4	4.6	145																		
152				5.3	5	4.5	5.6	5	4.5	6.3	5.2	4.5	6.5	5.3	4.5	6.5	5.3	4.5	152																		
159				5	4.8	4.5	5.3	4.9	4.4	6	5.1	4.4	6.2	5.1	4.4	6.2	5.1	4.4	159																		
166				4.7	4.7	4.5	5	4.7	4.4	5.7	4.9	4.4	6	5	4.4	6	5	4.4	166																		
173				4.5	4.6	4.5	4.8	4.6	4.4	5.5	4.8	4.4	5.7	4.8	4.3	5.8	4.9	4.3	173																		
180				4.2	4.5		4.5	4.6	4.4	5.2	4.7	4.3	5.4	4.7	4.3	5.6	4.7	4.3	180																		
187				4	4.5		4.3	4.5	4.4	5	4.6	4.3	5.2	4.6	4.3	5.4	4.6	4.3	187																		
194				3.9			4.1	4.5		4.7	4.5	4.3	5	4.5	4.3	5.1	4.6	4.3	194																		
201							4	4.5		4.5	4.4	4.3	4.8	4.4	4.3	4.9	4.5	4.3	201																		
208							3.9			4.4	4.4	4.3	4.6	4.4	4.3	4.8	4.4	4.3	208																		
215										4.2	4.4	4.3	4.4	4.4	4.3	4.6	4.3	4.3	215																		
222										4	4.4		4.2	4.3	4.3	4.4	4.3	4.3	222																		
229										3.9	4.4		4.1	4.3	4.3	4.2	4.3	4.3	229																		
236													4	4.3		4.1	4.3	4.3	236																		
243													3.9			4	4.2		243																		
250																3.9	4.1		250																		
257																3.4			257																		

TAB 1555085 / 1555134 / 1555183



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

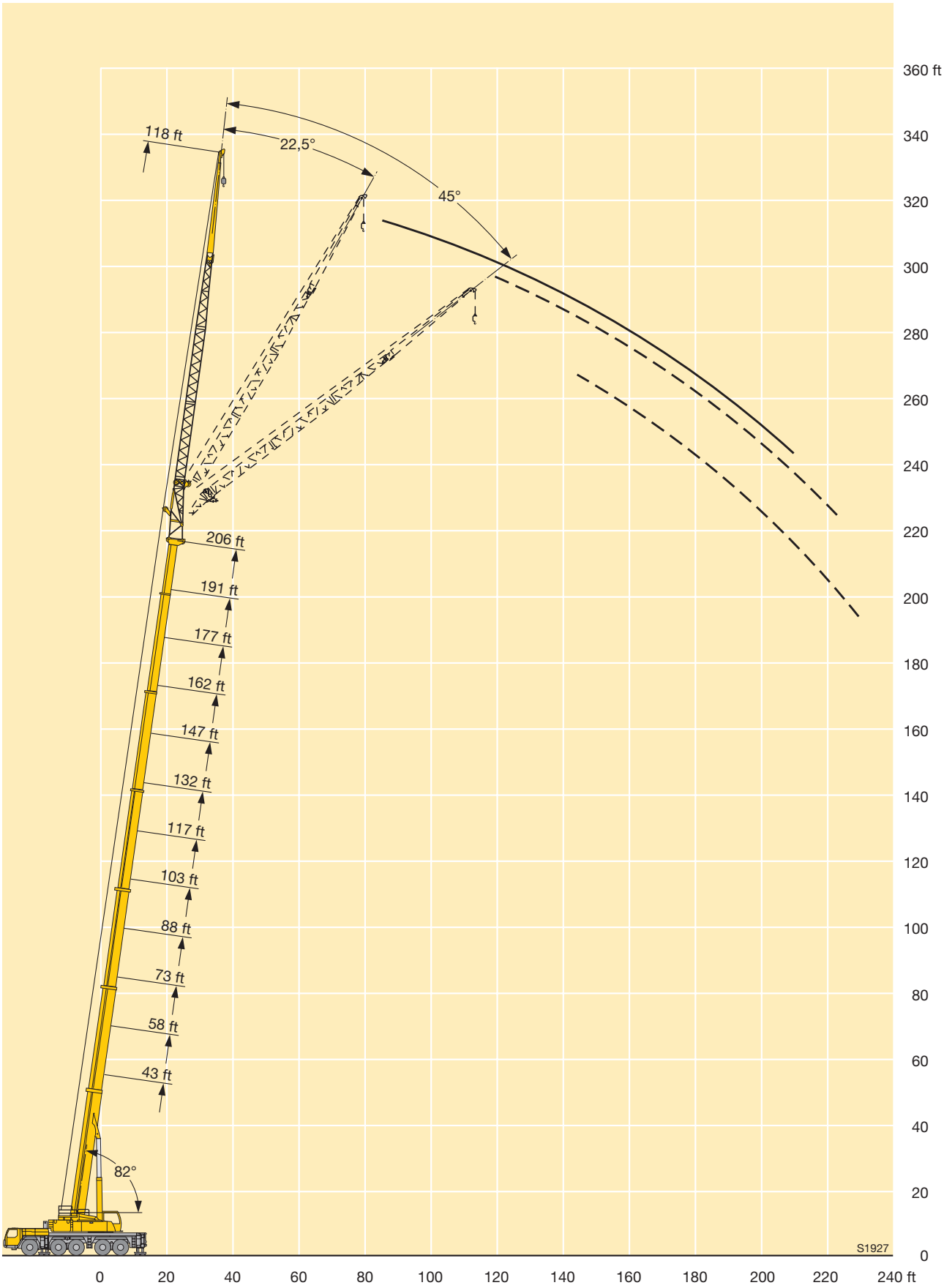
<div><div>43 – 206 ft</div><div>118 ft</div><div></div><div>360°</div><div>159000 lbs</div><div>85%</div></div>									
 ft	177 ft			191 ft		206 ft			 ft
	118 ft			118 ft		118 ft			
	0°	22.5°	45°	0°	22.5°	0°	22.5°	45°	
47	9.2			8.1					47
54	9.2			8.1					54
61	9.2			8.1					61
68	9.2			8		5.8			68
75	9.1			7.9		5.8			75
82	8.9			7.8		5.7			82
89	8.7			7.7		5.6			89
96	8.4	6.6		7.6		5.5			96
103	8.1	6.4		7.5	6.1	5.4			103
110	7.9	6.2		7.3	6	5.4			110
117	7.6	6		7.1	5.8	5.3	5		117
124	7.3	5.8		6.9	5.6	5.2	4.9		124
131	7.1	5.7	4.7	6.7	5.5	5	4.7		131
138	6.8	5.5	4.6	6.5	5.3	4.8	4.5	3.8	138
145	6.6	5.3	4.5	6.3	5.2	4.6	4.3	3.8	145
152	6.4	5.2	4.4	6.1	5.1	4.3	4.1	3.7	152
159	6.2	5	4.4	6	4.9	4.1	3.9	3.6	159
166	6	4.9	4.3	5.8	4.8	3.9	3.7	3.5	166
173	5.8	4.8	4.3	5.6	4.7	3.7	3.5	3.4	173
180	5.6	4.7	4.2	5.4	4.6	3.5	3.4	3.3	180
187	5.4	4.6	4.2	5.2	4.5	3.3	3.2	3.2	187
194	5.2	4.5	4.2	4.9	4.4	3	3	3.1	194
201	5	4.4	4.2	4.6	4.4	2.8	2.9	3	201
208	4.8	4.4	4.2	4.2	4.3	2.6	2.7	2.9	208
215	4.6	4.3	4.2	3.8	4.1	2.3	2.6	2.7	215
222	4.2	4.3	4.2	3.4	3.9		2.4	2.6	222
229	3.9	4.2	4.2	3.1	3.6		2.2	2.5	229
236	3.6	3.9	4.1	2.8	3.4			2.3	236
243	3.3	3.6	3.9	2.4	3.1				243
250	3	3.4	3.5		2.7				250
257	2.6	3.1							257
264		2.7							264

TAB 1555085 / 1555134 / 1555183

TAB 1555085 / 1555134 / 1555183










Lifting heights
Hauteurs de levage







Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

																			
43 ft + 23 ft		88 ft + 23 ft		103 ft + 23 ft		132 ft + 23 ft		147 ft + 23 ft		162 ft + 23 ft									
40 ft		40 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°	ft	ft
10	46.1																	10	10
12	46.1																	12	12
14	46.1																	14	14
16	46.1																	16	16
18	46.1			46.1														18	18
20	46.1	38		46.1		45.3												20	20
24	45.7	37.2		46.1		44.7												24	24
28	43.2	34.6		46.1		42.2				39.3								28	28
32	39	32.4		46.1	34.4	39.5				38.4			35.5					32	32
36	34.8	30.5	24.7	45.2	33	36.9	29.4			36.8			34.7			31.3		36	36
40	32	28.8	23.8	42	31.6	23.7	34.5	27.9	22.4	35.1	26.5		33.6	26.1		30.7		40	40
47	27.7	25.8	22.5	37.1	29.3	23.6	30.7	25.5	22.2	32.1	26.1	21.1	31.2	25.9		29.4	23	47	47
54	24.5	22.9	21.3	32.9	27.3	22.6	27.7	23.2	20.6	29.3	24	20.8	28.9	24.1	19.7	27.6	22.6	54	54
61	21.9	20.4	19.8	29.3	25.2	21.8	25	21.2	19.2	26.8	22.1	19.6	26.8	22.3	19.4	25.9	21.2	61	61
68	19.6	18.4	18	26.7	23.3	20.7	22.6	19.5	17.9	24.9	20.6	18.5	24.8	20.6	18.4	24.3	20	68	68
75	17.5	16.6	15.9	24.4	21.4	19.4	20.7	18	16.8	23	19.2	17.5	23.1	19.3	17.4	22.7	19	75	75
82	15.8	15.1	14.1	22.4	19.8	18	18.8	16.7	15.8	21.3	18.1	16.6	21.4	18.2	16.6	21.3	17.9	82	82
89	14.4	13.7	12.3	20.6	18.3	16.6	17.3	15.5	14.9	19.7	16.9	15.7	19.8	17.2	15.8	19.9	16.9	89	89
96				19.1	17.1	15.4	16	14.5	14.1	18.2	15.9	15	18.6	16.1	15.1	18.5	16.1	96	96
103				17.8	16	14.2	14.8	13.7	13.4	16.9	15	14.3	17.4	15.3	14.4	17.4	15.3	103	103
110				16.6	14.9	13.3	13.8	12.9	12.8	15.8	14.1	13.7	16.2	14.6	13.9	16.5	14.5	110	110
117				15.5	13.9	12.4	13	12.2	12.2	14.9	13.5	13.1	15.3	13.9	13.3	15.5	14	117	117
124				14.6	13.1	11.7	12.2	11.7	11.7	13.9	12.9	12.6	14.6	13.2	12.7	14.6	13.4	124	124
131				13.7	12.4	10.9	11.5	11.1	11.2	13.2	12.3	12.1	13.8	12.7	12.3	13.8	12.9	131	131
138							11	10.7	10.7	12.6	11.8	11.7	13	12.2	11.8	13	12.4	138	138
145							10.4	10.3		12	11.4	11.2	12.5	11.7	11.3	12.2	11.9	145	145
152							9.8			11.4	10.9	10.8	12	11.3	10.9	11.4	11.5	152	152
159										11	10.6	10.3	11.5	11	10.5	10.7	11	159	159
166										10.6	10.3	10	11	10.6	10.2	10.1	10.4	166	166
173										10.2	10.1	9.7	10.6	10.3	9.9	9.4	9.7	173	173
180										9.5	7.4		10.2	10.1	9.6	8.8	9.1	180	180
187													9.7	9.8		8.2	8.5	187	187
194																7.7	7.9	194	194
201																7.1	7.4	201	201
208																5.3		208	208

TAB 1555638 / 1555687 / 1555736



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé









<div><div><div>43 – 221 ft</div><div>23 ft</div><div>40 ft</div></div><div><div></div><div></div><div><div>159000 lbs</div><div>85%</div></div></div></div>													
 ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			 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°	
40	20.6			20.2									40
47	26			20.1			15.6			12.6			47
54	24.8	19.6		19.6			15.5			12.6			54
61	23.5	19.3	16.6	18.8	16.7		15	14.1		12.2			61
68	22.2	18.4	16.4	17.9	16.5	14.4	14.4	13.9		11.8	10.9		68
75	21	17.6	15.7	17	15.9	14.2	13.8	13.2	12.5	11.3	10.8		75
82	19.8	16.9	15	16	15.3	13.8	13.1	12.6	12.3	10.8	10.3	9.9	82
89	18.6	16.1	14.5	15.1	14.7	13.3	12.5	12.1	11.9	10.4	9.9	9.7	89
96	17.6	15.4	13.9	14.3	13.9	12.9	11.9	11.5	11.4	9.9	9.5	9.3	96
103	16.5	14.8	13.4	13.6	13.2	12.4	11.3	11	10.9	9.4	9.1	8.9	103
110	15.4	14.2	12.9	12.9	12.6	12	10.8	10.5	10.4	9	8.7	8.6	110
117	14.4	13.6	12.5	12.1	12	11.6	10.3	10	10	8.6	8.4	8.3	117
124	13.4	13	12	11.5	11.4	11.2	9.7	9.6	9.5	8.2	8	7.9	124
131	12.4	12.4	11.6	10.9	10.8	10.8	9.2	9.2	9.2	7.8	7.7	7.6	131
138	11.5	11.8	11.3	10.2	10.3	10.4	8.8	8.7	8.8	7.4	7.3	7.3	138
145	10.8	11.1	10.9	9.6	9.7	9.9	8.4	8.3	8.4	7.1	7	7.1	145
152	10.1	10.4	10.4	9	9.2	9.4	7.9	7.9	8	6.8	6.7	6.8	152
159	9.3	9.8	9.8	8.4	8.7	8.8	7.5	7.6	7.7	6.5	6.4	6.5	159
166	8.7	9.1	9.2	7.9	8.1	8.3	7.1	7.1	7.3	6.1	6.2	6.2	166
173	8.1	8.5	8.6	7.3	7.6	7.8	6.6	6.7	6.9	5.8	5.9	5.9	173
180	7.6	7.9	8	6.8	7.1	7.2	6.2	6.3	6.5	5.5	5.6	5.7	180
187	7	7.4	7.5	6.3	6.6	6.7	5.7	5.9	6.1	5.1	5.3	5.4	187
194	6.5	6.8	6.9	5.9	6.1	6.2	5.3	5.5	5.7	4.8	4.9	5.1	194
201	6	6.3	6.4	5.4	5.6	5.7	4.9	5.1	5.3	4.4	4.6	4.7	201
208	5.6	5.9	5.9	5	5.2	5.2	4.5	4.7	4.8	4.1	4.3	4.4	208
215	5.2	5.4	5.4	4.6	4.7	4.8	4	4.2	4.3	3.7	3.9	4	215
222	4.5	4.7		4.2	4.3	4.3	3.6	3.8	3.9	3.3	3.5	3.6	222
229				3.8	3.9	3.9	3.2	3.4	3.4	2.9	3.1	3.2	229
236				3.2	3.4		2.9	3	3	2.6	2.8	2.8	236
243							2.6	2.7					243

TAB 1555638 / 1555687 / 1555736

TAB 1555638 / 1555687 / 1555736











Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la flèche pliante à variation hydraulique ou mécanique avec télescope rallongé

		 43 – 221 ft			 23 ft			 63 ft			 360°			 159000 lbs			 85%												
 ft		43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 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°										
14		41.2																			14								
16		41.2																			16								
18		40.7																			18								
20		40.1			35.1																20								
24		38.2			35			29.7													24								
28		35.9			34.5			29.6													28								
32		33.2			33.5			29.1			26.6			22.9							32								
36		30.7			32.3			28.1			26.4			22.8							36								
40		28.3	24.1		31	23.1		26.8			25.9			22.7			20.4				40								
47		24.3	21.2		28.3	22.8		24.5	17.7		24.2			22.2			20.1				47								
54		21.2	18.8	15.6	25.8	20.4		21.9	17.4		22.4	16.6		21.3	16.5		19.5				54								
61		18.5	16.9	15.2	23.5	18.8	15.1	19.8	16	13.4	20.7	16.3		20.3	16.1		18.8	15			61								
68		16.4	15.2	14	21.2	17.3	14.8	18	14.8	13.1	19.1	15.2	12.8	19	15.1		18	14.7			68								
75		14.6	13.8	13	19.3	16	14	16.4	13.8	12.4	17.7	14.3	12.6	17.7	14.3	12.2	16.9	14			75								
82		13.2	12.7	12	17.5	14.9	13.3	15	13	11.7	16.4	13.5	12	16.6	13.5	11.9	15.9	13.3	11.5		82								
89		12	11.7	11.3	16	13.9	12.6	13.8	12.2	11.1	15.1	12.8	11.4	15.5	12.8	11.4	15	12.6	11.3		89								
96		11	10.9	10.6	14.7	13.1	12	12.7	11.5	10.6	14	12.2	10.9	14.4	12.2	11	14.2	12.1	10.9		96								
103		10.2	10.1	10	13.6	12.3	11.5	11.8	10.8	10.1	13.2	11.5	10.5	13.5	11.6	10.6	13.4	11.5	10.5		103								
110		9.4	9.4	9.6	12.6	11.7	11	11.1	10.3	9.6	12.3	11	10.1	12.8	11.1	10.2	12.7	11.1	10.1		110								
117		8.8	8.9		11.8	11.1	10.5	10.3	9.7	9.2	11.5	10.5	9.7	12.1	10.6	9.8	12	10.6	9.8		117								
124					11.2	10.5	10.1	9.7	9.2	8.9	10.9	10	9.4	11.4	10.2	9.5	11.5	10.2	9.5		124								
131					10.4	10.1	9.8	9.2	8.8	8.5	10.4	9.5	9	10.8	9.8	9.2	11	9.8	9.2		131								
138					9.9	9.6	9.5	8.7	8.4	8.2	9.8	9.2	8.7	10.4	9.4	8.9	10.4	9.4	8.9		138								
145					9.4	9.2	9.3	8.2	8	8	9.3	8.8	8.5	9.9	9	8.6	10	9.1	8.6		145								
152					8.9	8.9		7.8	7.6	7.7	8.9	8.4	8.2	9.4	8.7	8.4	9.6	8.7	8.4		152								
159					8.6			7.4	7.3	7.5	8.5	8.1	8	9	8.3	8.1	9.2	8.4	8.2		159								
166								7.1	7.1		8.1	7.8	7.8	8.6	8	7.9	8.8	8.2	8		166								
173								6.8	6.9		7.7	7.5	7.6	8.3	7.8	7.7	8.4	7.9	7.8		173								
180											7.4	7.3	7.5	7.9	7.5	7.6	8	7.6	7.6		180								
187											7.1	7.1	7.4	7.6	7.3	7.4	7.5	7.4	7.4		187								
194											6.9	6.9		7.4	7.1	7.3	7.1	7.1	7.2		194								
201											6.7	4.1		7.1	6.9	7.3	6.7	6.9	7.1		201								
208														6.9	6.8		6.3	6.5	6.7		208								
215														6.7			5.9	6.1	6.1		215								
222																	5.4	5.7			222								
229																	4.7	5.1			229								

TAB 1555645 / 1555694 / 1555743



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé









<div><div>43 – 221 ft</div><div>23 ft</div><div>63 ft</div><div></div><div>360°</div><div>159000 lbs</div><div><div>85%</div></div></div>													
 ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			 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°	
40	17.5												40
47	17.4			14.4			11.7						47
54	16.9			14.3			11.6			9.2			54
61	16.6			14			11.4			9.1			61
68	16.2	13.7		13.8			11.2			9			68
75	15.7	13.4		13.6	12.3		11			8.8			75
82	15	12.8		13.2	12		10.7	10.2		8.5			82
89	14.2	12.2	10.9	12.7	11.6		10.4	9.9		8.3	7.7		89
96	13.5	11.7	10.6	12.1	11.1	10.1	9.9	9.5		8	7.5		96
103	12.9	11.2	10.2	11.5	10.7	9.9	9.4	9.1	8.4	7.6	7.2	7	103
110	12.3	10.8	9.9	11	10.3	9.6	9	8.7	8.6	7.3	6.9	6.8	110
117	11.7	10.4	9.6	10.5	10	9.3	8.6	8.3	8.3	7	6.6	6.5	117
124	11.2	10	9.3	9.9	9.6	9	8.2	7.9	7.9	6.6	6.3	6.2	124
131	10.7	9.7	9.1	9.4	9.2	8.8	7.8	7.5	7.6	6.3	6.1	6	131
138	10.2	9.3	8.8	8.9	8.8	8.5	7.4	7.2	7.2	6	5.8	5.8	138
145	9.8	9	8.5	8.4	8.4	8.3	7.1	6.9	6.9	5.8	5.6	5.5	145
152	9.3	8.7	8.3	8	8	8	6.7	6.6	6.7	5.5	5.3	5.3	152
159	8.7	8.4	8.1	7.5	7.6	7.8	6.4	6.3	6.4	5.2	5.1	5.1	159
166	8.2	8.1	7.9	7.1	7.3	7.4	6	6	6.1	4.9	4.9	4.9	166
173	7.6	7.7	7.7	6.6	6.9	7.1	5.7	5.7	5.8	4.6	4.7	4.7	173
180	7.1	7.3	7.4	6.2	6.5	6.7	5.3	5.5	5.6	4.3	4.5	4.5	180
187	6.6	6.9	7	5.7	6.1	6.3	4.9	5.2	5.3	4.1	4.2	4.3	187
194	6.1	6.5	6.7	5.3	5.7	5.9	4.5	4.9	5	3.8	4	4.1	194
201	5.7	6	6.2	4.8	5.3	5.5	4.1	4.5	4.7	3.5	3.7	3.9	201
208	5.2	5.6	5.7	4.4	4.8	5	3.8	4.1	4.4	3.2	3.5	3.7	208
215	4.8	5.1	5.2	4	4.4	4.6	3.4	3.8	4	2.9	3.2	3.4	215
222	4.4	4.7	4.7	3.6	4	4.1	3	3.4	3.6	2.6	2.9	3.1	222
229	4.1	4.3	4.3	3.2	3.5	3.6	2.7	3	3.2	2.3	2.6	2.8	229
236	3.6	3.9	3.8	2.9	3.1	3.2	2.3	2.6	2.7		2.3	2.5	236
243				2.5	2.7	2.7							243

TAB 1555645 / 1555694 / 1555743



Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension

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



		 43 – 221 ft			 23 ft			 72 ft			 360°			 159000 lbs			 85%				
 ft		43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 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	27.9																				14
16	28																				16
18	28.1																				18
20	28																				20
24	27.6				23.3																24
28	27.1				23.3			20.6													28
32	26.3				23.3			20.7			19										32
36	25.5				23.2			20.6			19			17.7							36
40	24.2	18.1			23			20.6			19			17.7							40
47	21.7	18			22.4	17.5		20.2			19			17.7			16.2				47
54	19.3	16.8			21.6	17.3		19.1	15		18.7			17.6			16.2				54
61	17.2	15.5	13.1		20.3	16.4		18.1	14.7		18	14.2		17.3	14		16				61
68	15.3	14.2	12.9		19.1	15.5	12.9	16.7	13.7		17.1	13.9		16.5	13.8		15.7	13			68
75	13.9	13	12.2		17.8	14.5	12.7	15.4	12.8	11.1	16.1	13.2		15.8	13.1		15.1	12.8			75
82	12.5	12	11.4		16.4	13.6	12.2	14.2	12	10.9	15.1	12.4	10.8	15	12.4	10.7	14.4	12.2			82
89	11.4	11.1	10.7		15.1	12.8	11.6	13.2	11.4	10.3	14.1	11.8	10.5	14.2	11.8	10.5	13.8	11.6	10.2		89
96	10.5	10.3	10		14	12.1	11.1	12.3	10.7	9.9	13.2	11.2	10.1	13.4	11.3	10.1	13.1	11.1	10		96
103	9.7	9.6	9.4		13.1	11.4	10.6	11.4	10.1	9.4	12.4	10.7	9.7	12.6	10.7	9.7	12.5	10.6	9.6		103
110	9.1	9	8.9		12.2	10.8	10.1	10.7	9.6	9	11.7	10.2	9.3	11.9	10.3	9.3	11.8	10.2	9.3		110
117	8.4	8.5	8.6		11.4	10.3	9.7	10.1	9.1	8.6	11.1	9.7	9	11.3	9.8	9	11.2	9.8	9		117
124	7.9	8			10.8	9.8	9.3	9.4	8.7	8.3	10.4	9.3	8.6	10.7	9.4	8.7	10.7	9.4	8.7		124
131					10.2	9.3	9	8.9	8.3	8	9.9	8.9	8.3	10.1	9	8.4	10.3	9	8.4		131
138					9.6	8.9	8.8	8.5	7.9	7.7	9.4	8.5	8.1	9.7	8.7	8.2	9.8	8.7	8.2		138
145					9.1	8.6	8.5	8	7.6	7.4	9	8.2	7.8	9.3	8.4	7.9	9.3	8.4	7.9		145
152					8.7	8.3	8.4	7.6	7.2	7.2	8.5	7.9	7.6	8.9	8	7.7	9	8.1	7.7		152
159					8.2	8		7.2	6.9	7	8.2	7.6	7.4	8.4	7.8	7.5	8.6	7.9	7.5		159
166					7.9	7.8		6.9	6.7	6.8	7.8	7.3	7.2	8.1	7.5	7.3	8.3	7.6	7.4		166
173								6.5	6.4		7.4	7	7	7.8	7.2	7.1	7.9	7.4	7.2		173
180								6.3	6.3		7.1	6.8	6.9	7.5	7	7	7.6	7.1	7		180
187											6.9	6.6	6.8	7.2	6.8	6.9	7.3	6.9	6.9		187
194											6.6	6.4	6.7	6.9	6.6	6.7	7	6.7	6.8		194
201											6.4	6.3	4.1	6.6	6.4	6.7	6.7	6.5	6.7		201
208											6.2	6.2		6.4	6.3	6.6	6.3	6.4	6.6		208
215											3.1			6.2	6.2		6	6.2	6.3		215
222														6.1	6.1		5.6	5.8	5.8		222
229																	5.2	5.4	5.3		229
236																	4.6	5			236

TAB 1555652 / 1555701 / 1555750

TAB 1555652 / 1555701 / 1555750



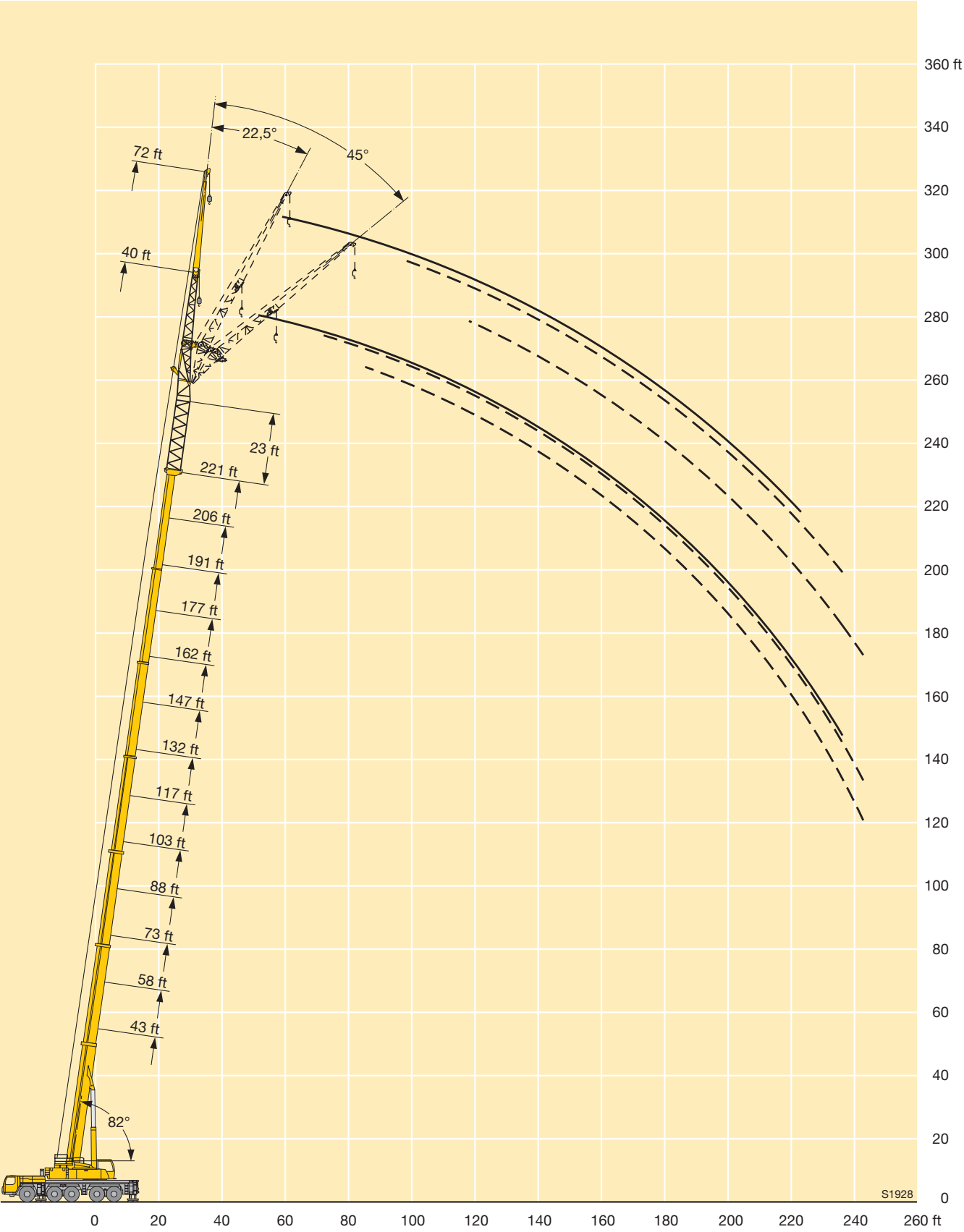
Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

<div><div><div>43 – 221 ft</div><div>23 ft</div><div>72 ft</div><div></div><div>360°</div><div>159000 lbs</div><div>85%</div></div></div>													
 ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft			 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°	
40	14.6												40
47	14.5			12.5									47
54	14.4			12.5			10.2			8.2			54
61	14.3			12.2			10.1			8.1			61
68	14			12			9.9			8			68
75	13.8	12		11.9			9.8			7.9			75
82	13.4	11.7		11.7	10.9		9.7			7.7			82
89	12.9	11.2		11.4	10.6		9.5	9.1		7.6			89
96	12.5	10.8	9.6	11.2	10.2		9.2	9		7.4	7		96
103	12	10.4	9.4	10.9	9.9	9	8.9	8.6		7.2	6.8		103
110	11.5	10	9.1	10.5	9.5	8.8	8.5	8.3	7.8	6.9	6.5		110
117	11	9.6	8.8	10	9.2	8.5	8.2	7.9	7.7	6.6	6.3	6.1	117
124	10.5	9.2	8.6	9.5	8.9	8.3	7.8	7.6	7.5	6.3	6	5.9	124
131	10	8.9	8.3	9	8.6	8.1	7.5	7.2	7.3	6	5.7	5.7	131
138	9.6	8.6	8.1	8.6	8.3	7.9	7.1	6.9	7	5.8	5.5	5.5	138
145	9.3	8.3	7.9	8.2	8	7.7	6.8	6.7	6.7	5.5	5.3	5.3	145
152	8.9	8	7.7	7.8	7.7	7.5	6.4	6.4	6.4	5.2	5.1	5.1	152
159	8.5	7.8	7.5	7.4	7.4	7.3	6.2	6.1	6.2	4.9	4.9	4.9	159
166	8	7.6	7.3	7	7.1	7.2	5.8	5.8	5.9	4.7	4.7	4.7	166
173	7.5	7.3	7.2	6.6	6.8	6.9	5.5	5.5	5.7	4.4	4.5	4.5	173
180	7.1	7	7	6.1	6.5	6.6	5.2	5.3	5.4	4.2	4.3	4.3	180
187	6.6	6.7	6.8	5.7	6.1	6.3	4.9	5.1	5.2	3.9	4.1	4.2	187
194	6.2	6.4	6.6	5.3	5.7	6	4.5	4.8	5	3.7	3.9	4	194
201	5.8	6.1	6.3	4.9	5.3	5.6	4.2	4.5	4.7	3.4	3.7	3.8	201
208	5.4	5.7	6	4.5	4.9	5.2	3.8	4.2	4.4	3.1	3.4	3.6	208
215	4.9	5.3	5.5	4.1	4.5	4.8	3.4	3.9	4.1	2.9	3.2	3.4	215
222	4.5	4.9	5	3.7	4.1	4.4	3.1	3.5	3.7	2.6	2.9	3.2	222
229	4.2	4.5	4.5	3.3	3.7	3.9	2.7	3.2	3.4	2.3	2.7	2.9	229
236	3.8	4.1	4.1	2.9	3.3	3.4	2.4	2.8	3		2.4	2.6	236
243	3.4	3.7		2.6	2.9	2.9		2.4	2.6				243
250					2.6								250

TAB 1555652 / 1555701 / 1555750









TAB 1555652 / 1555701 / 1555750

Lifting heights
Hauteurs de levage





Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé



																															
	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 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	24.4																		18												
20	24.5																		20												
24	24.5																		24												
28	24.6				21.4														28												
32	24.3				21.4			18.4											32												
36	23.5				21.3			18.4			16.6								36												
40	22.6				21.2			18.2			16.6			15.5			14		40												
47	20.6	15.3			20.6			17.9			16.5			15.4			14		47												
54	18.3	15			19.6	14.6		17			16.2			15.2			13.8		54												
61	16.2	13.8			18.4	14.3		15.7	12.1		15.8			14.9			13.6		61												
68	14.4	12.6			17	13.4		14.5	11.8		14.9	11.5		14.5			13.3		68												
75	12.8	11.5	9.9		15.5	12.5		13.5	11.1		14	11.2		13.8	10.8		13	10.5	75												
82	11.6	10.6	9.7		14.2	11.7	9.7	12.4	10.3		13.2	10.6		13	10.5		12.4	10.3	82												
89	10.6	9.7	9.2		13.2	10.9	9.6	11.5	9.7	8.5	12.4	10		12.3	10		11.9	9.8	89												
96	9.7	9	8.6		12.2	10.3	9.2	10.7	9.1	8.2	11.5	9.5	8.2	11.6	9.5	8.2	11.4	9.4	96												
103	8.9	8.4	8		11.2	9.7	8.7	10	8.6	7.8	10.8	9	8	11	9	8	10.8	8.9	7.8	103											
110	8.2	7.7	7.5		10.5	9.1	8.3	9.3	8.1	7.4	10.1	8.5	7.6	10.3	8.6	7.6	10.2	8.5	7.6	110											
117	7.5	7.2	7.1		9.8	8.6	8	8.7	7.7	7.1	9.6	8.1	7.3	9.7	8.2	7.3	9.7	8.1	7.3	117											
124	7	6.8	6.7		9.2	8.1	7.6	8.2	7.3	6.8	9	7.7	7	9.2	7.8	7.1	9.2	7.8	7	124											
131	6.5	6.3	6.5		8.6	7.8	7.3	7.7	6.9	6.5	8.5	7.4	6.8	8.7	7.5	6.8	8.7	7.5	6.8	131											
138					8.1	7.4	7	7.2	6.5	6.2	8	7	6.5	8.2	7.1	6.6	8.3	7.2	6.6	138											
145					7.7	7	6.8	6.8	6.2	6	7.6	6.7	6.3	7.8	6.8	6.4	7.9	6.9	6.4	145											
152					7.2	6.7	6.6	6.4	5.9	5.7	7.2	6.4	6.1	7.5	6.6	6.1	7.5	6.6	6.2	152											
159					6.8	6.4	6.4	6	5.7	5.5	6.8	6.2	5.9	7.1	6.3	6	7.2	6.4	6	159											
166					6.5	6.2	6.3	5.7	5.4	5.4	6.5	5.9	5.7	6.8	6.1	5.8	6.9	6.1	5.8	166											
173					6.2	6		5.4	5.2	5.2	6.2	5.7	5.5	6.4	5.8	5.6	6.6	5.9	5.7	173											
180					5.9	5.8		5.1	5	5.1	5.9	5.5	5.4	6.1	5.6	5.5	6.3	5.7	5.5	180											
187								4.9	4.8		5.6	5.3	5.3	5.9	5.4	5.3	6	5.5	5.4	187											
194								4.7	4.7		5.4	5.1	5.2	5.6	5.2	5.2	5.8	5.3	5.3	194											
201											5.1	4.9	5.1	5.4	5.1	5.1	5.6	5.2	5.2	201											
208											4.9	4.8	5.1	5.2	4.9	5.1	5.4	5	5.1	208											
215											4.7	4.6		5	4.8	5	5.1	4.9	5	215											
222											4.6	4.6		4.8	4.6	5	4.9	4.7	4.9	222											
229														4.6	4.6		4.6	4.6	4.7	229											
236														4.5	4.5		4.2	4.4	4.5	236											
243																	3.7	4.1		243											

TAB 1555659 / 1555708 / 1555757

TAB 1555659 / 1555708 / 1555757



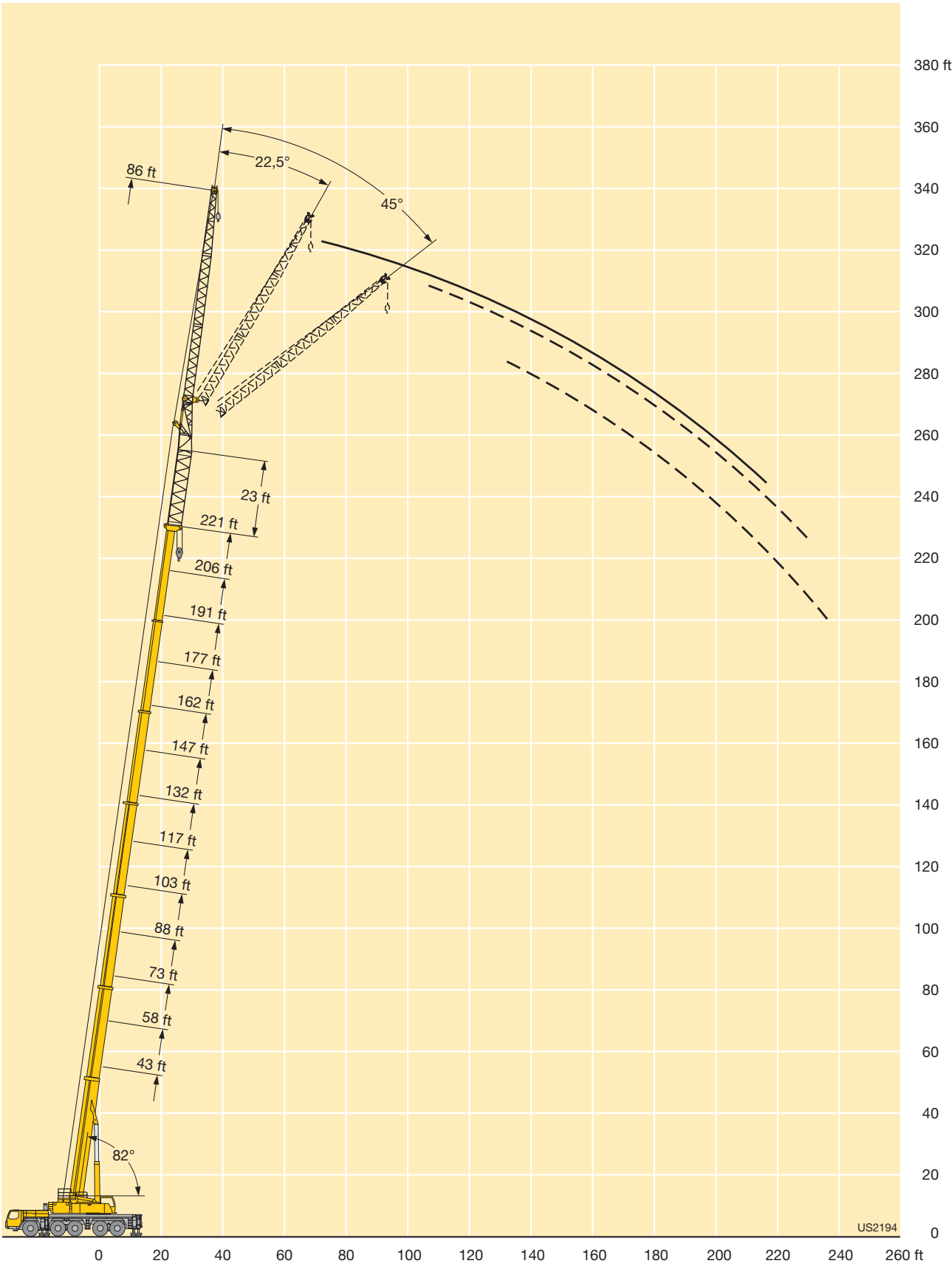
Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

<div><div><div>43 – 221 ft</div><div>23 ft</div><div>86 ft</div><div></div><div>360°</div><div>159000 lbs</div><div>85%</div></div></div>											
 ft	177 ft + 23 ft			191 ft + 23 ft		206 ft + 23 ft			221 ft + 23 ft		ft 
	86 ft			86 ft		86 ft			86 ft		
	0°	22.5°	45°	0°	22.5°	0°	22.5°	45°	0°	22.5°	
47	12.2			10.3							47
54	12.1			10.3		8.3					54
61	11.9			10.1		8.2					61
68	11.7			9.9		8.1			6.1		68
75	11.4			9.7		7.9			6		75
82	11.2	9.7		9.6		7.8			5.9		82
89	10.9	9.5		9.4	8.8	7.7			5.8		89
96	10.6	9.1		9.3	8.6	7.6	7.2		5.8		96
103	10.3	8.7		9.2	8.2	7.3	7.2		5.7	5.4	103
110	9.8	8.3	7.3	9	7.9	7.1	7.1		5.4	5.2	110
117	9.4	8	7.1	8.8	7.6	6.8	6.8		5.2	5	117
124	9	7.6	6.9	8.4	7.3	6.6	6.5	4.8	4.9	4.7	124
131	8.5	7.3	6.7	8	7.1	6.3	6.2	4.6	4.7	4.5	131
138	8.1	7.1	6.5	7.6	6.8	5.9	5.9	4.5	4.4	4.3	138
145	7.8	6.8	6.3	7.2	6.6	5.6	5.6	4.3	4.2	4.1	145
152	7.5	6.5	6.1	6.8	6.4	5.3	5.3	4.1	4	3.9	152
159	7.2	6.3	5.9	6.4	6.2	5	5.1	3.9	3.7	3.7	159
166	6.8	6.1	5.8	6	5.9	4.7	4.8	3.7	3.5	3.5	166
173	6.5	5.9	5.6	5.7	5.7	4.4	4.6	3.6	3.3	3.3	173
180	6.1	5.7	5.5	5.3	5.5	4.2	4.3	3.4	3.1	3.2	180
187	5.7	5.5	5.4	4.9	5.2	3.9	4.1	3.2	2.9	3	187
194	5.4	5.3	5.2	4.5	5	3.6	3.8	3	2.6	2.8	194
201	5.1	5.1	5.1	4.1	4.7	3.2	3.6	2.8		2.6	201
208	4.7	4.9	5.1	3.7	4.3	2.9	3.3	2.7		2.4	208
215	4.3	4.7	5	3.3	3.9	2.6	3.1	2.5		2.3	215
222	3.9	4.4	4.6	2.9	3.5	2.3	2.8	2.2			222
229	3.5	3.9	4.1	2.6	3.1		2.5				229
236	3.1	3.5	3.7	2.2	2.7		2.2				236
243	2.8	3.1	3.2								243
250	2.4	2.7	2.6								250

TAB 1555659 / 1555708 / 1555757











Lifting heights
Hauteurs de levage













Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

																			
 ft	43 ft + 23 ft			88 ft + 23 ft			103 ft + 23 ft			132 ft + 23 ft			147 ft + 23 ft			162 ft + 23 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°	
20	18.2																		20
24	18.3																		24
28	18.3			16.4															28
32	18.3			16.5			14.7												32
36	18.1			16.5			14.7			13.6									36
40	17.8			16.5			14.7			13.6			12.8			11.9			40
47	17.1			16.4			14.7			13.6			12.8			11.9			47
54	15.9	12.5		16			14.6			13.6			12.8			11.8			54
61	14.7	12.3		15.5	12		14			13.5			12.7			11.7			61
68	13.4	11.6		14.7	11.8		13.4	10.7		13.2			12.6			11.6			68
75	12.2	10.9		13.8	11.3		12.6	10.4		12.7	10.2		12.2			11.4			75
82	11.1	10.1	8.5	13	10.8		11.7	9.8		12.2	9.9		11.9	9.6		11.1	9.4		82
89	10.2	9.4	8.3	12.2	10.2	8.3	10.8	9.2		11.5	9.4		11.4	9.3		10.8	9.2		89
96	9.3	8.7	8	11.4	9.7	8.2	10.1	8.6	7.7	10.9	8.9		10.9	8.9		10.5	8.7		96
103	8.6	8.1	7.7	10.6	9.1	8	9.5	8.2	7.4	10.2	8.4	7.4	10.3	8.5	7.3	10.1	8.3		103
110	7.9	7.5	7.3	9.9	8.6	7.8	8.8	7.7	7	9.6	8	7.2	9.7	8.1	7.1	9.6	8	7	110
117	7.3	7	6.8	9.3	8.1	7.5	8.3	7.3	6.7	9.1	7.6	6.9	9.1	7.7	6.9	9.1	7.6	6.8	117
124	6.8	6.6	6.4	8.7	7.7	7.1	7.8	6.9	6.4	8.5	7.3	6.6	8.7	7.4	6.6	8.6	7.3	6.6	124
131	6.3	6.1	6.1	8.1	7.3	6.8	7.3	6.5	6.1	8	6.9	6.3	8.3	7	6.4	8.2	7	6.3	131
138	5.9	5.8		7.7	7	6.6	6.9	6.2	5.9	7.6	6.6	6.1	7.8	6.7	6.2	7.8	6.7	6.1	138
145	5.5			7.3	6.7	6.4	6.5	5.9	5.6	7.2	6.4	5.9	7.4	6.4	6	7.5	6.5	5.9	145
152				6.9	6.3	6.1	6.1	5.6	5.4	6.9	6.1	5.7	7.1	6.2	5.7	7.2	6.2	5.8	152
159				6.5	6.1	6	5.8	5.4	5.2	6.5	5.8	5.5	6.8	6	5.5	6.8	6	5.6	159
166				6.2	5.8	5.8	5.5	5.1	5.1	6.2	5.6	5.3	6.4	5.7	5.4	6.5	5.8	5.4	166
173				5.9	5.6	5.7	5.2	4.9	4.9	5.9	5.4	5.2	6.1	5.5	5.2	6.2	5.5	5.3	173
180				5.6	5.4		4.9	4.7	4.8	5.6	5.2	5	5.8	5.3	5.1	6	5.3	5.1	180
187				5.3	5.3		4.7	4.5	4.7	5.4	5	4.9	5.6	5.1	5	5.7	5.2	5	187
194				5.2			4.4	4.4		5.1	4.8	4.8	5.4	4.9	4.8	5.5	5	4.9	194
201							4.3	4.2		4.9	4.6	4.7	5.1	4.8	4.7	5.3	4.9	4.8	201
208							4.1			4.7	4.5	4.6	4.9	4.6	4.7	5.1	4.7	4.7	208
215										4.5	4.4	4.6	4.7	4.5	4.6	4.9	4.6	4.6	215
222										4.3	4.2		4.5	4.3	4.6	4.7	4.4	4.6	222
229										4.2	4.2		4.4	4.3	4.6	4.5	4.3	4.5	229
236													4.2	4.2		4.2	4.2	4.4	236
243													4			3.9	4	4.2	243
250																3.6	3.8		250

TAB 1555666 / 1555715 / 1555764



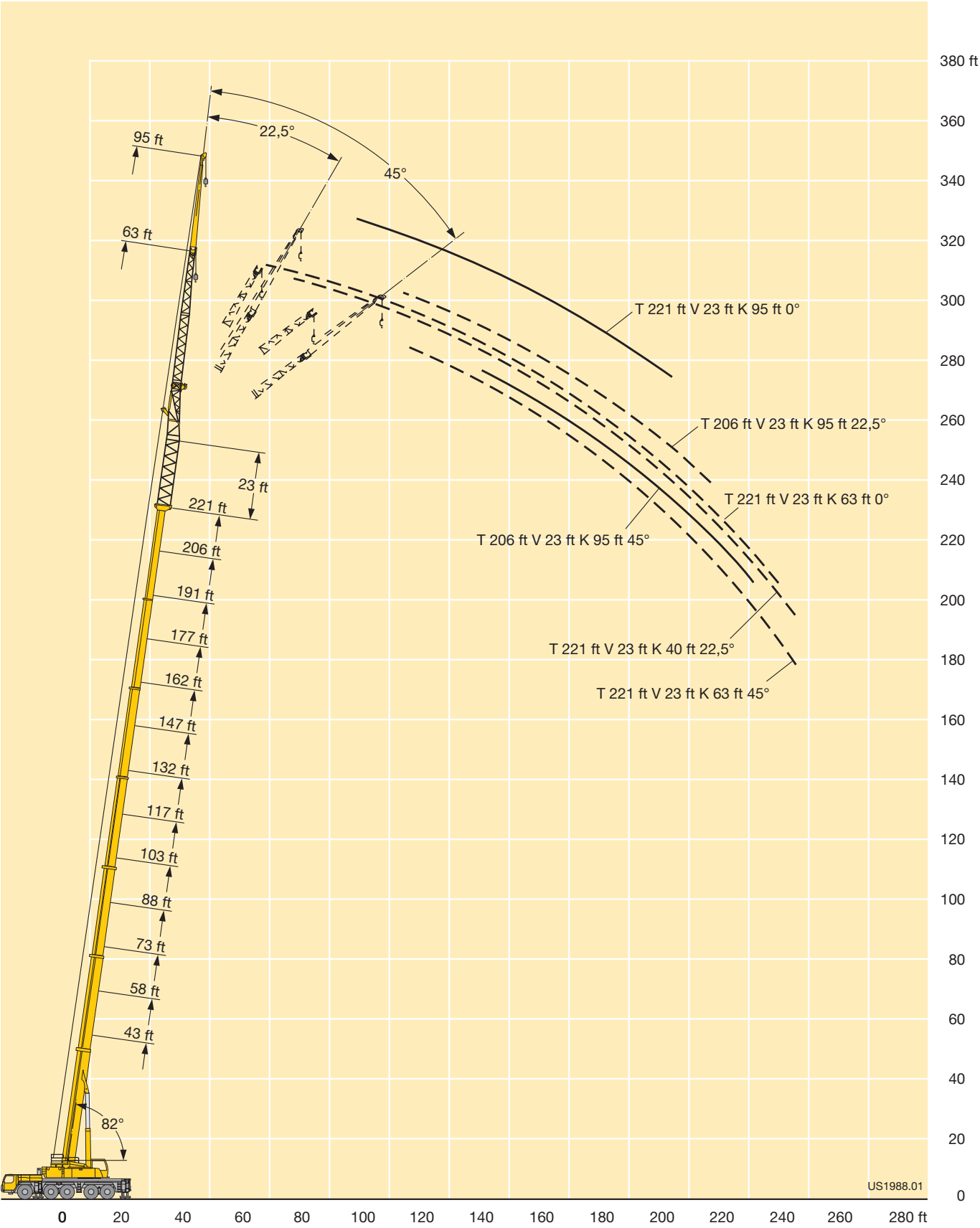
Lifting capacities on the hydraulically or mechanically variable folding jib with boom extension
Forces de levage à la fléchette pliante à variation hydraulique ou mécanique avec télescope rallongé

<div><div><div>85%</div></div></div>											
 ft	177 ft + 23 ft			191 ft + 23 ft			206 ft + 23 ft			221 ft + 23 ft	 ft
	95 ft			95 ft			95 ft			95 ft	
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	
47	10.6										47
54	10.6			9			7.3				54
61	10.4			8.9			7.3				61
68	10.3			8.8			7.2				68
75	10.1			8.6			7.1				75
82	9.9			8.5			7				82
89	9.8	8.7		8.4			6.9			4.8	89
96	9.6	8.4		8.3	7.9		6.8			4.7	96
103	9.5	8.1		8.2	7.7		6.6	5.4		4.6	103
110	9.2	7.8		8.1	7.4		6.5	5.2		4.5	110
117	8.8	7.4	6.6	8	7.1		6.3	5		4.5	117
124	8.5	7.1	6.5	7.8	6.8	6.2	6.1	4.7		4.4	124
131	8.1	6.9	6.3	7.5	6.6	6.1	5.9	4.5	4.3	4.3	131
138	7.7	6.6	6	7.2	6.4	5.9	5.6	4.3	4.2	4.1	138
145	7.3	6.4	5.9	6.9	6.1	5.7	5.4	4	4	3.9	145
152	7.1	6.1	5.7	6.5	6	5.5	5.1	3.8	3.9	3.7	152
159	6.8	5.9	5.5	6.2	5.8	5.4	4.8	3.6	3.7	3.5	159
166	6.5	5.7	5.4	5.9	5.6	5.3	4.5	3.4	3.6	3.3	166
173	6.2	5.5	5.2	5.5	5.4	5.1	4.3	3.3	3.4	3.1	173
180	5.9	5.3	5.1	5.2	5.2	5	4	3.1	3.2	2.9	180
187	5.6	5.2	5	4.9	5	4.9	3.7	2.9	3.1	2.7	187
194	5.3	5	4.9	4.5	4.8	4.8	3.5	2.7	2.9	2.5	194
201	5	4.8	4.7	4.1	4.6	4.6	3.2	2.5	2.7		201
208	4.7	4.7	4.7	3.7	4.3	4.5	2.9	2.4	2.6		208
215	4.3	4.6	4.6	3.4	4	4.3	2.6		2.4		215
222	3.9	4.4	4.5	3	3.6	4	2.3		2.2		222
229	3.6	4.1	4.3	2.7	3.3	3.6					229
236	3.2	3.7	3.9	2.4	2.9	3.2					236
243	2.9	3.3	3.4		2.5	2.8					243
250	2.5	2.9	3								250
257		2.6									257

TAB 1555666 / 1555715 / 1555764

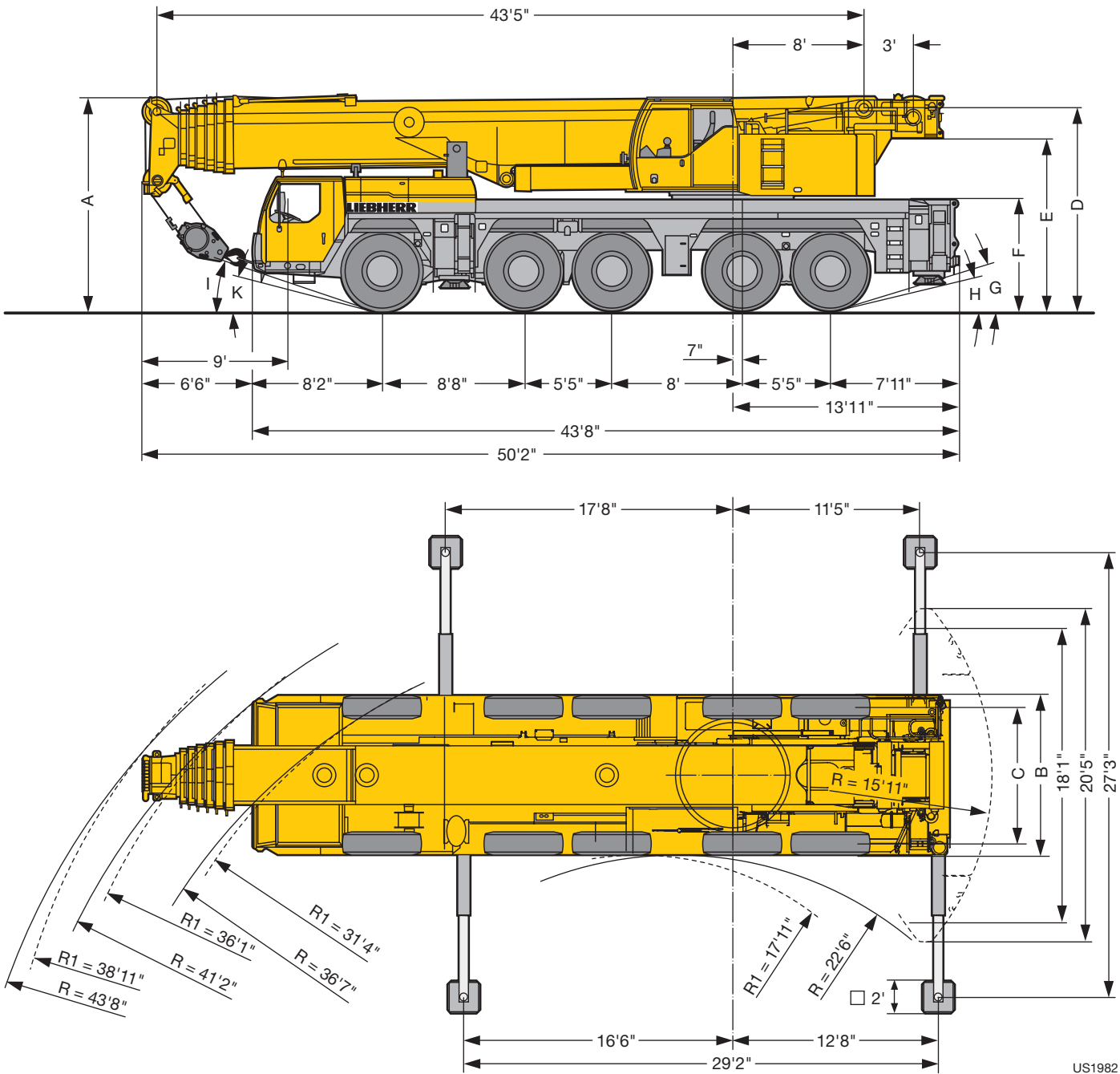


Lifting heights
Hauteurs de levage






Dimensions
Encombremnt



US1982

R₁ = All-wheel steering · Direction toutes roues

Dimensions · Encombremnt mm											
	A	A 6" *	B	C	D	E	F	G	H	I	K
16.00 R 25	13'1"	12'8"	9'10"	8'4"	12'4"	10'6"	6'9"	17°	14°	20°	16°
20.5 R 25	13'1"	12'8"	10'2"	8'5"	12'4"	10'6"	6'9"	17°	14°	20°	16°

* 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	4409
315.3	7	15	3306
238	5	11	2866
156.5	3	7	2292
69	1	3	1851
23.1	–	1	1102

Working speeds
Vitesses



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
16.00 R 25 20.5 R 25		3,54	4,54	5,84	7,52	9,51	12,24	16,10	20,63	26,60	34,18	43,37	49,71	3,79	4,91	43 %
		1,55	1,99	2,55	3,29	4,16	5,34	7,02	9,01	11,62	14,85	18,89	24,23	1,68	2,11	55 %



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 – 427 ft/min single line ft/min au brin simple	0.8" / 920 ft	23605 lbs
	0 – 427 ft/min single line ft/min au brin simple	0.8" / 920 ft	23605 lbs
	0 – 1.3 rpm		
	approx. 50 seconds to reach 82° boom angle env. 50 s jusqu'à 82°		
	approx. 580 seconds for boom extension from 43 ft – 236 ft env. 580 s pour passer de 43 ft – 236 ft		



Equipment
Equipment

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 min ⁻¹ , max. torque 1635 lbs-ft at 1200 – 1500 min ⁻¹ . 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 – “Niveaumatik 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 D934S A6, watercooled, output 145 kW (197 h.p.) at 1800 min ⁻¹ , max. torque 677 lbs-ft at 1100 min ⁻¹ – 1500 min ⁻¹ . Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 66 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 abatement.
Control	Electronic control by the LICCON computer system (PLC control), 2 selfcentering hand control levers (joy-stick type), with winch and slewing gear signal devices. Infinitely variable crane motions.
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 6 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system “Telematik”. Boom length: 43 ft – 236 ft.
Counterweight	159000 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°, integrated erection jib of 18 ft. Hydraulic ram for operating the swing-away jib from 0° – 45° (option).
Telescopic boom extension	23 ft long lattice section, thus 23 ft higher pinning 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 1 st axle.

Other items of equipment available on request.



Equipment
Équipement

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 min ⁻¹ , couple max. 1635 lbs-ft à 1200 – 1500 min ⁻¹ . 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 D934S A6, à refroidissement par eau, de 145 kW (197 ch) à 1800 min ⁻¹ , couple max. 677 lbs-ft à 1100 min ⁻¹ – 1500 min ⁻¹ . Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Capacité du réservoir à carburant: 66 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). Deux leviers de commande à 4 positions et à autocentrage, avec capteur de rotation des treuils et du mécanisme d'orientation. Commande des mouvements progressive.
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 6 éléments télescopiques. Tous les éléments télescopables indépendamment les uns des autres. Système de télescopage séquentiel rapide, «Telematik». Longueur de flèche: 43 ft – 236 ft.
Contrepoids	159000 lbs
Installation électrique	Technique moderne de transmission de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Équipement supplémentaire

Fléchette pliante	Longueur: 40 ft – 118 ft, montable sous un angle de 0°, 22,5° ou 45°, fléchette de montage intégrée de 18 ft de long. 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 1 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 above 295400 lbs/332900 lbs 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. Forces de levage plus de 295400 lbs/332900 lbs seulement avec moufle additionnel / équipement supplémentaire.

