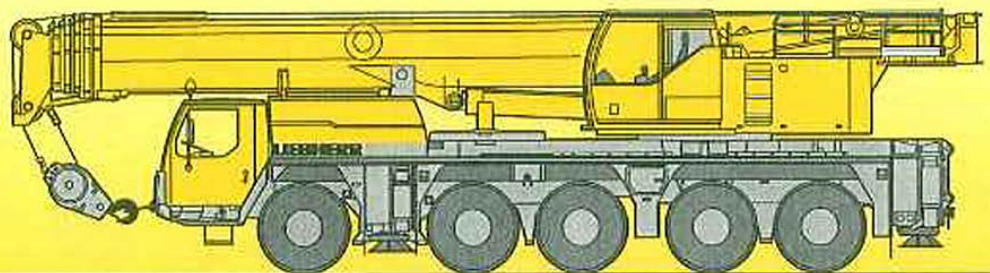


**Mobile Crane
Grue mobile**

LTM 1130-5.1

**Technical Data
Caractéristiques techniques**

LIEBHERR



CUSTOM SERVICE CRANE, INC.

Central IL: 217-897-1700 | www.CustomServiceCrane.com | St. Louis: 636-939-9819

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

42 - 197 ft		360°		92600 lbs		85%															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft						
9		242	182												9						
10	305	238	182	164											10						
12	158	189	182	164	130										12						
14	152	182	175	164	130										14						
16	168	168	161	156	130	105									16						
18	157	157	151	145	140	128	104	78							18						
20	146	146	140	135	130	125	102	76	57.5						20						
23	132	132	127	122	118	117	98.5	78	57.5						23						
26	119	119	117	112	108	107	95.5	75	57.5	47.5					26						
29	105	105	108	104	100	98	92	73	57.5	46.9	35.2	38.6			29						
32	88	88	99	96	93.5	91	87.5	70	58.9	48.1	35.2	38.6	31.5	31.5	32						
35			89.5	89.5	87.5	84.5	82	67	55.8	45.4	34.8	38.5	31	31.5	35						
38			82.5	82.5	82	79	76.5	63.5	53.6	44.5	33.6	38	30.8	31.4	38						
44			67	70.5	70.5	69.5	67	57.4	48.9	42	31.3	36.2	29.6	30.4	44						
50				60.5	60.5	60.5	57.8	51.6	43.8	38.8	29.1	34.2	28.1	29.2	50						
56				52.2	52.2	51.6	46.5	40.5	35.9	27	31.9	28.4	27.7	24.1	56						
62					43.6	44.8	43.5	42.6	37.4	33.1	25	29.7	24.8	26.1	62						
68					40.1	39.3	38.4	38.9	34.4	30.5	23.2	27.7	23.2	24.6	68						
74						34.7	34.8	34.7	31.3	28.2	21.4	25.7	21.7	23.2	74						
80						31	32.1	30.9	28.3	26.2	20.9	23.9	20.5	21.3	80						
86							28.8	27.6	26.4	24.1	18.5	22.3	19.1	20.5	86						
92							26	24.8	24.2	22	17.1	20.7	17.9	19.3	92						
98							23.0	22.3	22.3	20.3	16	19.4	16.8	18.3	98						
104							19.2	20.2	20.2	19	15	18.2	15.6	16.9	104						
110								19	18.7	17.9		16.6	14.9	16	110						
116								16.7	17	16.8	13	15.4	14	15	116						
122									15.5	15.5	12.2	14.6	13.2	13.9	122						
128									14.2	14.1	11.4	13.9	12.4	12.7	128						
134										12.8	10.7	12.4	11.8	11.4	134						
140										11.7	10.1	11.3	11.1	10.3	140						
146											8.5	10.3	10.3	9.1	146						
152												8.7	8.5	8.4	152						
158														8.8	158						
164														8.1	164						
170														6.5	170						
176														6.2	176						

* over rear outrigger

IAR 1825331 / 1825351



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

	 42 - 197 ft				 360°		 64000 lbs		85%									
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft	ft	ft	ft
9	244	182													9			
10	240	182	182	164											10			
12	189	182	180	164	130										12			
14	182	173	168	150	130										14			
16	168	161	156	151	130	105									16			
18	167	151	145	140	128	104	78								18			
20	146	140	135	130	125	102	78	57.5							20			
22	131	127	122	118	112	97	75	57.5							22			
26	115	117	112	108	107	95.5	75	57.5	47.5						26			
29	102	104	104	100	96.5	90	73	57.5	46.9	35.2	38.6				29			
32	87	82	82.5	80.5	80	81	70	66.5	48.1	35.2	38.6	31	31.5		32			
35		82.5	84	81	77	72.8	67	65.5	45.4	34.6	38.5	31	31.5	25.5	35			
38		74	76	73	69	65	61.5	59.6	44.5	33.6	38	30.8	31.4	25.5	38			
44		62	63	60.5	57.4	54.1	53.2	48.3	42	31.3	36.2	29.6	30.4	25.4	44			
50			52.7	51.1	48.4	47.5	45.8	42.8	38.5	28.7	33.6	28.1	29.2	24.9	50			
56			44.4	43.8	41.4	41.3	39.2	37.0	34.5	27	31.9	28.4	27.7	24.1	56			
62				37.8	36.9	36.4	33.9	32.8	30.6	25	29.2	24.8	26.1	23.1	62			
68				32.6	33.6	32	30	29.7	27.9	23.2	26.2	23.2	24.6	21.8	68			
74					29.8	28.3	27.4	26.2	25.5	21.4	23.6	21.7	22.9	20.5	74			
80					26.2	25.2	25.2	23.4	23.4	19.9	21.9	20.3	20.4	19.2	80			
86						22.5	22.6	21.3	20.5	18.5	19.6	19	18.1	17.6	86			
92						20.2	20.3	19.8	18.4	17.1	17.6	17.4	16.1	15.8	92			
98						18.9	18.1	17.8	16.8	16	15.7	15.6	14.3	14	98			
104						17.3	16.3	16	15.1	14.9	14.2	14.1	12.7	12.5	104			
110							14.9	14.4	13.5	13.5	12.7	12.7	11.4	11.1	110			
116							13.5	13	12.1	12.1	11.3	11.3	10.1	9.9	116			
122								11.7	10.9	10.8	10	10.1	8.9	8.8	122			
128								10.5	9.7	9.7	9	9	7.9	7.8	128			
134									8.8	8.7	8.1	8.1	7	6.9	134			
140									7.9	7.9	7.2	7.2	6.2	6.1	140			
146										7.1	6.4	6.5	5.4	5.3	146			
152										6.3	5.6	5.7	4.6	4.6	152			
158												5	3.8	3.8	158			
164												4.4	3.2	3.2	164			
170													3.8	2.8	170			

TAB 1625353



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

42 - 197 ft    85%															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	244	182	182	164											9
10	240	182	180	164	130										10
12	199	182	168	160	130										12
14	182	175	168	160	130										14
16	168	161	156	151	130	105									16
18	157	151	145	143	123	104	76								18
20	146	140	135	130	123	104	76	57.5							20
23	126	127	122	118	115	98.5	76	57.5							23
26	110	112	108	105	98.5	91.5	75	57.5	47.5						26
29	96	98	95.5	91	85.5	80	73	57.5	46.9	35.2	38.6				29
32	84.5	85.5	84	80	75.5	71	67.5	58.9	46.1	35.2	38.6	31	31.5		32
35		76.5	74.5	71	67.5	63.5	62	55.3	45.4	34.6	38.5	31	31.5	25.5	35
38		68.5	66.5	64	60	57.8	56.2	51.3	44.5	33.6	38	30.8	31.4	25.5	38
44		54.9	54.7	52.4	49.7	49.1	46.4	43.2	39.9	31.3	36.2	29.6	30.4	25.4	44
50			45.4	43.7	43.1	41.7	39.4	37.7	35.2	29.1	33.1	28.1	29.2	24.9	50
66			38	37.1	37.6	35.6	34.6	32.9	31.5	27	29.6	26.4	27.6	24.1	66
62				32.6	30.7	30.5	28.9	27.9	25	26.4	24.8	24.9	23	23	62
68				29.1	28.6	27.2	26.7	25.9	24.4	23.2	23.3	22.8	21.6	21.1	68
74					25.2	24.8	23.5	22.8	21.6	21.1	20.4	20.2	18.8	18.4	74
80					22	22.3	20.9	20.2	19.1	18.9	17.9	17.7	16.4	16.1	80
86						19.7	18.9	18	16.9	16.7	15.8	15.7	14.3	14	86
92						17.5	16.7	16.1	15	14.8	14	13.9	12.5	12.3	92
98						15.6	14.9	14.3	13.4	13.2	12.4	12.3	11	10.7	98
104						14	13.2	12.7	11.9	11.8	11	10.9	9.6	9.4	104
110							11.8	11.3	10.4	10.4	9.6	9.6	8.4	8.2	110
116							10.7	10	9.2	9.2	8.5	8.5	7.3	7.1	116
122								9	8.2	8.2	7.5	7.5	6.3	6.1	122
128								8.1	7.3	7.3	6.6	6.6	5.4	5.2	128
134									6.5	6.5	5.8	5.8	4.6	4.4	134
140									5.6	5.7	4.9	5.1	3.9	3.7	140
146										4.9	4.2	4.3	3.1	3.1	146
152										4.2	3.5	3.6			152
158												3			158
164												2.4			164

TAB 1625355

42 - 197 ft    85%															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	221														9
10	219	182	181	154											10
12	196	182	179	153	126										12
14	175	175	168	148	125										14
16	157	158	154	143	122	96									16
18	141	142	141	131	117	94.5	72								18
20	125	127	127	117	111	92.5	72	55.1							20
23	106	108	103	99	92	85	70	55.1							23
26	90	91.5	89	84	78	72	67.5	54.1	43.2						26
29	74	77.5	76	72	67	62.5	60.5	53	42.7	32	35.3				29
32	61.5	65.5	65.5	62.5	58.2	56.9	53.4	49.1	42	32	35.3	28.2	28.7		32
35		55.3	56.8	54.7	52.1	51.1	47.3	44.2	40	31.4	35.1	28.2	28.7	23.2	35
38		47.5	49.3	48.4	47.8	45.8	42.7	40.6	37.6	30.5	34.5	28	28.5	23.2	38
44		36.7	38.5	39.6	39.6	37.2	36.3	34.3	32.6	28.5	30.9	26.9	27.6	23.1	44
50			30.8	32.3	32.2	31.8	30.6	29.2	27.8	26.4	26.3	24.9	24.3	22.3	50
56			25.2	26.6	26.6	27.1	26	25	23.6	23.2	22.2	21.8	20.3	19.8	56
62				22.3	22.4	22.7	22.3	21.4	20.1	19.8	18.8	18.5	17.1	16.7	62
68				18.9	19	19.3	19	18.4	17.2	17	16	15.8	14.4	14.1	68
74					16.3	16.5	16.2	15.9	14.8	14.6	13.7	13.6	12.2	11.9	74
80					14.1	14.4	14	13.7	12.8	12.6	11.7	11.6	10.3	10	80
86						12.5	12	11.7	10.9	10.8	10	9.9	8.6	8.4	86
92						10.8	10.3	9.9	9.2	9.2	8.5	8.5	7.2	7	92
98						9.4	8.9	8.6	8	7.9	7.3	7.2	5.9	5.8	98
104						8.2	7.7	7.4	6.8	6.8	6.2	6.1	4.9	4.7	104
110							6.6	6.3	5.7	5.8	5.1	5.1	3.9	3.7	110
116							5.7	5.4	4.8	4.9	4.2	4.3	3		116
122								4.6	3.9	4	3.3	3.5			122
128								3.8	3.2	3.2					128

TAB 1625357



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

42 - 197 ft     85%															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	243	182													9
10	239	182	182	164											10
12	195	182	168	164	130										12
14	182	175	168	160	130										14
16	168	161	156	150	130	105									16
18	153	147	139	133	120	103	76								18
20	155	132	122	118	107	98	76	57.5							20
23	112	105	102	95.5	89.5	82	76	57.5							23
26	92.5	89.5	85.5	80.5	74.5	71	67	57.5	47.5						26
29	77.5	75.5	72.5	68.5	64.5	62.5	58.1	53.3	46.9	35.2	38.6				29
32	65.5	64.5	62.5	59.4	56.1	55.1	51.7	48.1	45	35.2	38.6	31	31.5		32
35		55.1	54.7	52.8	50.2	48.7	47	44.1	40.8	34.5	37.2	31	31.5	25.5	35
38		49.4	48.4	47.9	46.2	43.9	42.5	40.2	37.5	33.8	35.4	30.8	31.4	25.5	38
44		39.1	39.3	39.4	37.7	36.8	35.1	33.6	31.7	30.3	29.9	28.4	27.4	25.2	44
50			32.5	32.6	31.3	30.2	28.3	28	26.4	25.5	24.8	24.4	22.6	22.3	50
56			26.9	27.5	26.5	26.1	24.7	23.8	22.2	21.9	20.8	20.5	19	18.5	56
62				23.4	22.6	22.3	21.1	20.1	18.8	18.6	17.6	17.3	15.9	15.5	62
68				19.9	19.6	19.3	18.1	17.2	16.1	15.9	14.9	14.7	13.3	13	68
74					16.9	16.5	15.7	14.9	13.8	13.6	12.7	12.5	11.2	10.9	74
80					14.5	14.5	13.9	12.8	11.8	11.7	10.8	10.7	9.3	9.1	80
86						12.6	11.9	11.1	10.2	10	9.1	9.1	7.7	7.5	86
92						10.9	10.2	9.6	8.7	8.6	7.7	7.7	6.4	6.2	92
98						9.5	8.8	8.3	7.4	7.3	6.5	6.5	5.2	5	98
104						8.4	7.7	7.2	6.3	6.2	5.4	5.4	4.1	4	104
110							6.7	6.3	5.4	5.3	4.5	4.5	3.2	3	110
116							5.7	5.3	4.5	4.4	3.6	3.6			116
122								4.6	3.7	3.6	2.8				122
128								3.7	2.9	2.9					128

TAB 1825-358

42 - 197 ft     85%															
ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	242	182													9
10	238	182	182	164											10
12	199	182	180	164	130										12
14	182	175	168	160	130										14
16	168	161	156	144	130	105									16
18	151	143	136	126	117	100	76								18
20	133	123	116	109	101	92.5	76	57.5							20
23	105	99.5	94	90	82.5	77.5	73.5	57.5							23
26	88	83.5	80	75	70.5	67.5	62.5	57	47.5						26
29	71.5	70	67.5	64	62.5	58.8	54.9	52	46.3	35.2	38.6				29
32	60.5	59.5	58.2	56.7	54.7	51.2	49.3	46	42.2	35.2	38.4	31.1	31.5		32
35		51.9	51.1	50.3	48.2	46.1	43.1	41.7	39.8	34.6	38.7	31.1	31.5	25.5	35
38		45.6	45.3	45	42.9	41.7	39.6	37.8	35.5	33.6	33.6	30.8	30.3	25.5	38
44		36	36.4	36.5	35	34.3	32.5	30.9	29.2	28.6	27.4	26.7	25.2	23.6	44
50			29.8	30.1	29	28.4	26.9	25.7	24.2	23.7	22.8	22.2	20.7	20.1	50
56			24.6	25.3	24.3	23.9	22.5	21.5	20.2	19.9	18.8	18.8	17.1	16.6	56
62				21.3	20.7	20.4	19.2	18.2	17	16.8	15.8	15.8	14.1	13.8	62
68				18	17.7	17.5	16.4	15.6	14.4	14.2	13.3	13.1	11.7	11.4	68
74					15.2	15.1	14.1	13.3	12.3	12.1	11.3	11.1	9.7	9.4	74
80					13.2	13.1	12.2	11.4	10.4	10.2	9.4	9.2	8	7.7	80
86						11.2	10.5	9.8	8.8	8.7	7.9	7.8	6.5	6.3	86
92						9.6	8.9	8.4	7.5	7.4	6.5	6.5	5.2	5	92
98						8.4	7.7	7.2	6.3	6.2	5.4	5.3	4.1	3.9	98
104						7.3	6.7	6.2	5.3	5.2	4.4	4.3			104
110							5.6	5.3	4.3	4.3	3.5	3.4			110
116							4.7	4.4	3.5	3.5					116
122								3.5							122
128								2.8							128

TAB 1825-360



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

42-197 ft 360° 14500 lbs 85%

ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	241	182													9
10	238	182	162	164											10
12	189	162	162	164	130										12
14	182	175	162	157	130										14
16	166	161	149	136	124	105									16
18	146	139	129	118	109	97	76								18
20	125	116	111	102	94	86.5	75.6	57.5							20
23	98	94	89	83	76	74	67.5	57.5							23
26	79	77	73.5	69	67	62.5	59.4	53.9	47.5						26
29	65.5	64.5	62	60	57.8	53.8	51.8	47.9	43.7	35.2	38.6				29
32	55.9	64.8	55.6	52.9	50.3	48.3	45.6	43.2	39.7	35.2	36.9	31	31.5		32
35	47.4	47.4	47	44.4	44.3	43.1	40.5	38.6	36.1	31.7	33.9	31	30.5	25.8	35
38		41.5	41.4	41.2	39.5	38.4	36.3	34.5	32.5	31.8	30.4	29.4	28	25.5	38
44		32.6	33.1	33.3	32	31.3	29.8	28.1	26.4	25.9	24.7	24.2	22.6	21.9	44
50			26.9	27.3	26.3	25.1	24.4	23.2	21.7	21.3	20.2	19.9	18.3	17.6	50
55			22.1	22.8	22	21.6	20.3	19.3	18	17.7	16.7	16.2	14.6	14.6	55
62				19.2	18.5	18.3	17.1	16.2	15.1	14.8	13.8	13.7	12.2	11.9	62
68				16.1	15.8	15.6	14.6	13.7	12.6	12.4	11.5	11.4	10	9.7	68
74					13.4	13.4	12.4	11.6	10.8	10.5	9.5	9.4	8.1	7.8	74
80					11.3	11.5	10.6	9.9	9.2	8.8	7.9	7.8	6.6	6.5	80
86						9.7	9	8.4	7.4	7.3	6.5	6.4	5.1	4.9	86
92						8.3	7.7	7.1	6.1	6	5.2	5.2			92
98						7.2	6.6	6	5	5	4.1	4.1			98
104						6.1	5.5	5	4.1	4	3.2	3.2			104
110							4.5	4.1	3.2	3.2					110
116							3.7	3.3							116

TAR 1B21002

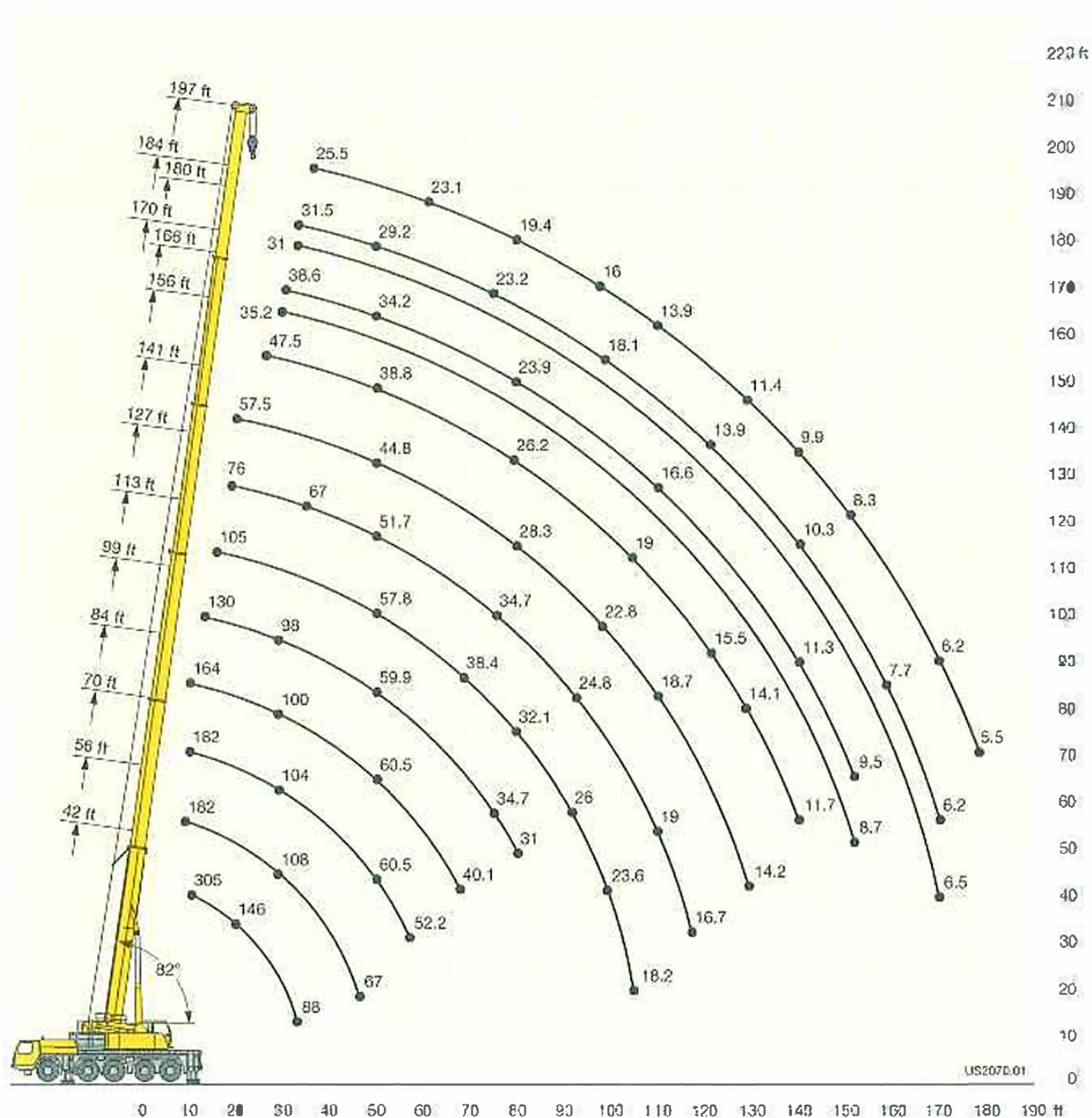
42-197 ft 360° 0 lbs 85%

ft	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	ft
9	216														9
10	214	182	181	154											10
12	180	180	176	150	126										12
14	168	164	151	133	120										14
16	144	135	123	113	101	87									16
18	121	113	103	95.5	86	79	63								18
20	97.6	92.5	86.5	79	73	67	62	39							20
23	87.5	71.5	68	63	51.5	53.3	52.8	49.9							23
26	57.4	57.7	56.3	54.6	51.3	49.1	45.5	42.9	38.6						26
29	45	47.7	47.2	46.4	43.9	42.2	39.4	37.1	34.4	32	31.2				29
32	36	39.8	40.2	39.9	38	36.5	34.3	32.3	30.1	29.1	27.9	26.1	24.3		32
35		33.3	34.6	34.7	33.1	32.1	30.1	28.3	26.4	25.7	24.4	23.8	22.1	20.2	35
38		28.1	30	30.4	29.1	28.3	26.6	25	23.3	22.7	21.5	21	19.3	18.7	38
44		20.8	22.8	24	23.1	22.6	21.2	19.9	18.5	18.1	17	16.6	15	14.5	44
50			17.5	19	18.6	17	16	14.7	14.4	13.4	13.1	11.6	11.2		50
55			13.5	15.1	15.1	14.9	13.8	12.9	11.9	11.6	10.9	10.4	9.7		55
62				12.1	12.2	12.3	11.3	10.5	9.4	9.3	8.3	8.2	6.8	6.5	62
68				9.7	9.8	10	9.2	8.5	7.5	7.4	6.4	6.4			68
74					8.2	8.2	7.6	6.6	5.9	5.6	4.9	4.8			74
80					6.7	6.8	6	5.4							80
86						5.3	4.8								86
92						4.1									92
98						3.2									98
104						2.4									104

TAR 1B21005



Lifting heights Hauteurs de levage



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

42 - 197 ft 35 ft  360°  92600 lbs 85%																
ft	42 ft			113 ft			127 ft			141 ft			156 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	38.6															12
14	38.6	37.6														14
17	38.5	37.2		38.6												17
20	37.7	35.5		38.6			37.1									20
23	35.7	33.7		38.6			37.1									23
26	33.6	32	26	38.6			36.9									26
29	31.5	30.3	25	38.6	32.3		36.3				31.3					29
32	29.3	28.4	24	38.6	31.4		35.6				31.1			26		32
35	27.1	27	23.1	38	30.4		34.9	29.3			30.8			26		35
38	25.3	25.4	22.2	37.1	29.5	23.5	34.2	28.8			30.3	27		25.9		38
40	21.8	20.8	19.9	35.2	27.9	22.8	32.8	27.3	22.2	28.4	26.7	21.6	25.4	23.5	20.2	40
44	19.1	18.4	17.4	33.5	26.4	21.8	31.4	26.1	21.7	28.5	25	21.3	24.9	23	19.8	44
50	17	17.9	17.4	31.7	25.2	21.2	30.2	24.9	21	27.6	24.1	20.6	24.3	22.5	19.8	50
56	15.2	16.8	11.6	29.9	24	20.5	28	23.9	20.4	26.7	23.2	20.1	23.7	21.6	19.4	56
62				28	23	20.5	27.9	23.9	20.4	25.8	22.4	19.6	22.9	21.2	18.9	62
68				26.1	22.1	19.4	26.3	22.1	19.4	24.8	21.6	19.1	21.7	20.5	18.5	68
74				24.3	21.2	19	25	21.3	19	23.6	21	18.8	20.6	19.7	18.2	74
80				22.6	20.4	18.5	23.6	20.6	18.6	22.1	20.2	18.4	19.4	18.8	17.7	80
86				21	19.6	18.5	22.3	19.6	18.2	20.6	19.5	18	18.2	17.9	17.3	86
92				19.7	18.8	17.3	20.8	19.3	17.8	19.2	18.0	17.2	17	17	16.9	92
98				18.5	18.1	17.3	19.2	18.6	17.5	17.6	17.8	17.4	15.8	15.9	16	98
104				17.4	17.5	17	17.3	17.8	17.1	16	16.7	16.7	14.9	14.9	15	104
110				16.2	16.6	16.6	16.3	16.3	16.3	14.6	16.2	16.6	13.9	14	14.1	110
116				14.9	15.2	15.1	14.1	15.2	15.2	13.8	15.7	15.9	12.7	13.1	13.3	116
122				13.6	13.8		12.7	13.2	13.4	12.5	12.7	12.9	11.4	12	12.3	122
128				12	12.6		11.4	11.8	10.8	11.2	11.8	12	10.5	10.8	11.1	128
134							10.3	10.7		10.7	10.8	10.8	9.9	9.9	10	134
140							9.8	9.8		9.3	9.8	9.4	9.3	9.8	9.5	140
146										8.5	8.8		8.6	8.8	8.9	146
152										7.8	8		7.8	8.2	8.3	152
158										7.5	7.7		7	7.3	7.3	158
164													6.4	6.5		164
170													6.1	6.2		170
176													5.1	5.2		176

TAB 1825371 / 1825081 / 1825111

43 - 197 ft 35 ft  360° 52800 lbs 85%																
 ft	166 ft			170 ft			180 ft			184 ft			197 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18			19.4												32
35	18			19.4			15.8			16.3						35
38	18			19.4			15.8			16.3			13.6			38
44	18	18		19.4	19.4		15.8			16.3			13.6			44
50	18	17.7		19.4	19.4		15.8	15.8		16.3	16.3		13.6			50
56	17.6	17.1	16.1	19.4	19.4	18.5	15.8	15.8		16.3	16.3		13.6	13.6		56
62	16.9	16.4	15.7	19.3	19.4	18.4	15.6	15.6	14.9	16.1	16.1	15.6	13.6	13.6	13.1	62
68	16.1	15.6	15.1	19	19	18.1	15.3	15	14.7	15.8	15.6	15.4	13.6	13.4	13.1	68
74	15.3	14.9	14.5	18.4	18.1	17.7	14.7	14.4	14.1	15.4	15.1	14.9	13.2	13.1	13	74
80	14.5	14.1	13.9	17.5	17.1	17	14.1	13.7	13.6	14.9	14.5	14.4	12.8	12.8	12.8	80
86	13.7	13.4	13.3	16.6	16.3	16.2	13.5	13.1	13	14.2	14	13.9	12.5	12.3	12.3	86
92	12.9	12.8	12.7	15.7	15.5	15.4	12.8	12.5	12.4	13.5	13.4	13.3	11.9	11.9	11.9	92
98	12.2	12	12	14.8	14.6	14.6	12.2	12	11.9	12.9	12.7	12.7	11.5	11.4	11.4	98
104	11.4	11.4	11.5	14	13.9	13.9	11.5	11.4	11.4	12.2	12.1	12.2	11	10.9	11	104
110	10.6	10.7	10.8	13.2	13.1	13.2	10.9	10.8	10.9	11.6	11.5	11.5	10.4	10.4	10.5	110
116	9.9	10	10.2	12.4	12.4	12.5	10.2	10.2	10.3	11	10.9	11	9.9	10	10.1	116
122	9.3	9.4	9.6	11.7	11.7	11.9	9.6	9.7	9.8	10.4	10.4	10.5	9.3	9.5	9.6	122
128	8.7	8.9	9	11	11	11.2	9.1	9.1	9.3	9.9	9.9	10	8.7	8.9	9.2	128
134	8.1	8.3	8.5	10.3	10.4	10.6	8.6	8.7	8.8	9.4	9.4	9.5	8.1	8.4	8.6	134
140	7.6	7.8	7.9	9.5	9.8	9.9	8.1	8.2	8.3	8.9	8.9	9	7.6	7.9	8.1	140
146	7.2	7.3	7.5	8.6	9	9.2	7.6	7.8	7.9	8.4	8.5	8.6	7.2	7.4	7.6	146
152	6.8	6.9	7	8	8.2	8.5	7.2	7.4	7.5	7.8	8	8.2	6.8	7	7.2	152
158	6.4	6.5	6.6	7.6	7.6	7.7	6.9	7	7.1	7.2	7.6	7.7	6.4	6.6	6.8	158
164	6	6.1	6.2	7.2	7.3	7.3	6.6	6.7	6.8	6.5	6.9	7.2	6	6.2	6.4	164
170	5.7	5.8	5.9	6.8	6.9	7	6.3	6.4	6.4	5.8	6.2	6.4	5.6	5.8	6	170
176	5.4	5.5	5.4	6.1	6.4	6.4	5.9	6	6.1	5.1	5.5	5.9	4.9	5.3	5.6	176
182	5.1	5.2		5.4	5.7		5.6	5.6	5.7	4.4	4.7	5.3	4.3	4.7	4.9	182
188	4.9			4.8	5		4.8	5.1	5.1	3.8	4.1	4.2	3.7	4.2	4.3	188
194							4.3	4.4		3.2	3.5		3.1	3.4	3.5	194
200													2.6	2.8		200

TAB 1825371 / 1825081 / 1825111



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

 42 - 197 ft			 62 ft			 99 ft			 113 ft			 127 ft			 141 ft			 156 ft			 85%		
42 ft 62 ft			99 ft 62 ft			113 ft 62 ft			127 ft 62 ft			141 ft 62 ft			156 ft 62 ft								
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	ft		
14	17.2																				14		
17	17.1			14.2																	17		
20	16.5			14.2		13.3															20		
23	15.8			14		13.3															23		
26	15.4			13.9		13.3			12.4												26		
29	14.8	11.6		13.6		13.2			12.4			11.9									29		
32	14.2	11.6		13.4		13			12.3			11.8					11.6				32		
35	13.8	11.3		13.2		12.8			12.2			11.7					11.6				35		
38	13.3	10.9		12.9		12.6			12			11.6					11.6				38		
44	12.1	10.2		12.4	10.2	12.2	9.9		11.7			11.3					11.3				44		
50	11.2	9.7	8.7	11.9	9.9	11.8	9.6		11.3	9.8		11	9.6				11.1				50		
55	10.6	9.2	8.4	11.5	9.5	11.4	9.5		11.1	9.5		10.8	9.4				10.8	9.4			55		
62	9.8	8.9	8.2	11.1	9.3	8.3	11	9.3	10.7	9.3	8	10.5	9.2				10.5	9.3			62		
68	9	8.6	8	10.6	9.1	8.2	10.6	9.1	10.4	9.1	8	10.2	9	8			10.2	9.1	8		68		
74	8.3	8.3	7.5	10.2	8.9	8	10.3	8.9	10.3	8.9	8	9.9	8.8	8.7	10		9.9	8.8	8.7	7.9	74		
80	7.7	8.1	7.9	9.8	8.7	7.9	9.9	8.7	9.8	8.7	7.9	9.7	8.7	7.9	9.8	8.7	9.8	8.7	7.9		80		
86	7.1	7.9		9.4	8.5	7.8	9.6	8.5	9.6	8.5	7.8	9.5	8.5	7.8	9.6	8.5	9.6	8.5	7.8		86		
92				9.1	8.3	7.8	9.3	8.4	9.3	8.4	7.8	9.2	8.4	7.8	9.4	8.4	9.4	8.4	7.8		92		
98				8.8	8.2	7.8	9	8.2	9.1	8.2	7.7	9.1	8.2	7.7	9.2	8.3	9.2	8.3	7.7		98		
104				8.5	8	7.7	8.7	8.1	8.8	8.1	7.7	8.8	8.1	7.7	9	8.2	9	8.2	7.7		104		
110				8.1	8	7.7	8.4	8	8.6	8	7.7	8.7	8	7.7	8.8	8.1	8.8	8.1	7.7		110		
116				7.7	7.8	7.7	8.1	7.9	8.3	7.9	7.7	8.5	7.9	7.7	8.7	8	8.7	8	7.6		116		
122				7.4	7.7	7.7	7.8	7.9	8.1	7.9	7.7	8.3	7.9	7.7	8.5	7.9	8.5	7.9	7.6		122		
128				7.1	7.5	7.7	7.5	7.7	7.8	7.7	7.7	8	7.6	7.7	8.3	7.6	8.3	7.6	7.6		128		
134				6.8	7.3	7.4	7.2	7.6	7.5	7.6	7.5	7.8	7.6	7.6	8.1	7.8	8.1	7.8	7.6		134		
140				6.5	6.9		6.9	7.4	7.2	7.4	7.5	7.5	7.5	7.5	7.9	7.7	7.9	7.7	7.8		140		
146				6.3			6.7	7.2	7.1	7.2	7.3	7.3	7.3	7.3	7.7	7.6	7.7	7.6	7.6		146		
152							6.5	7	6.9	7	7.1	7.3	7.5	7.6	7.8	7.6	7.8	7.6	7.8		152		
158							6.3	6.8		6.3	6.4	6.6	6.8	6.8	7	7.2	7.4	7.5			158		
164							6.1	6.6		6	6.1	6.3	6.5	6.6	6.7	7	7.2	7.4			164		
170										5.7	5.9		6.2	6.3	6.5	6.7	6.9	7.1			170		
176										5.5	5.8		6	6.1	6.3	6.5	6.8	5.8			176		
182													5.8	5.9							182		
188													5.6	5.7							188		
194																					194		

TAB 1B25371 / 1B25091 / 1B25111

TAB 1825371 / 1825091 / 1825111



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

42-197 ft 62 ft 360° 92600 lbs 85%																		
166 ft			170 ft			180 ft			184 ft			187 ft			ft			
62 ft			62 ft			62 ft			62 ft			62 ft						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
35	9.9			10.7			9.2			9.5						35		
38	9.9			10.7			9.2			9.4			8.5			38		
44	9.9			10.5			9.2			9.4			8.4			44		
50	9.9			10.4			9.2			9.3			8.4			50		
56	9.6	8.5		10.2	9.2		9.1			9.2			8.3			56		
62	9.5	8.5		10	9.1		9	8.4		9.1	8.5		8.3			62		
68	9.4	8.5		9.8	8.9		8.8	8.4		8.9	8.2		8.2	7.8		68		
74	9.1	8.5	7.8	9.6	8.8	7.8	8.6	8.3		8.8	8.2		8.2	7.8		74		
80	9	8.4	7.8	9.4	8.6	7.8	8.7	8.2	7.5	8.7	8.2	7.7	8.1	7.8		80		
86	8.9	8.3	7.7	9.2	8.5	7.8	8.5	8.1	7.5	8.6	8.1	7.6	8	7.7	7.5	86		
92	8.7	8.2	7.7	9.1	8.3	7.7	8.4		7.5	8.5	8	7.6	7.9	7.7	7.5	92		
98	8.6	8	7.6	8.9	8.2	7.7	8.3	7.9	7.5	8.4	7.9	7.5	7.9	7.7	7.4	98		
104	8.5	8	7.6	8.8	8.1	7.7	8.2	7.8	7.5	8.3	7.8	7.5	7.8	7.5	7.4	104		
110	8.3	7.9	7.6	8.8	8	7.6	8.1	7.8	7.5	8.1	7.8	7.5	7.7	7.5	7.4	110		
116	8.1	7.6	7.6	8.5	7.9	7.6	8	7.7	7.5	8.1	7.7	7.5	7.6	7.4	7.4	116		
122	7.9	7.7	7.6	8.4	7.8	7.6	7.8	7.6	7.5	7.9	7.6	7.5	7.6	7.4	7.4	122		
128	7.6	7.5	7.6	8.3	7.8	7.6	7.6	7.6	7.5	7.8	7.6	7.5	7.4	7.3	7.4	128		
134	7.3	7.4	7.8	8.1	7.7	7.6	7.4	7.5	7.4	7.6	7.5	7.5	7.2	7.2	7.3	134		
140		7.2	7.9	7.9	7.7	7.5	7.1	7.2	7.4	7.5	7.4	7.5	6.9	7.1	7.2	140		
146	6.7	6.9	7.7	7.7	7.6	7.4	7	7.2	7.3	7.3	7.2	7.4	6.8	7	7.1	146		
152	6.3	6.8	6.9	7.5	7.4	7.5	6.5	6.7	6.9	7	7	7.2	6.3	6.6	6.9	152		
158	6	6.3	6.5	7.2	7.3	7.5	6.3	6.5	6.7	6.7	6.9	7	6	6.3	6.6	158		
164	5.6	5.9	6.1	6.8	7.3	7.3	6	6.2	6.4	6.5	6.6	6.8	5.7	6	6.3	164		
170	5.3	5.6	5.8	6.2	6.5	7.1	5.7	5.9	6.1	6.2	6.4	6.6	5.4	5.7	6	170		
176	5.1	5.3	5.4	6.0	6.3	6.8	5.4	5.6	5.8	5.7	6.1	6.3	5.1	5.4	5.7	176		
182	4.8	5	5.1	5.6	5.8	6	5.1	5.3	5.5	5.1	5.8	6	4.7	5.1	5.4	182		
188	4.5		4.8	5.4	5.6	5.6	4.9	5.1	5.2	4.5	5.3	5.6	4.3	4.8	5	188		
194	4.3	4.1	4.5	4.9	5.2	5.4	4.7			4	4.6	5	3.8	4.4	4.7	194		
200	4	4.2		4.4	4.9		4.3	4.6	4.7	3.4	4	4.3	3.2	3.9	4.2	200		
210				3.6			3.5	3.9	4	2.8	3.1	3.2	2.4	3	3.2	210		

TAB 1825371 / 1825091 / 182511

TAB 1825371 / 1825091 / 1825111



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

42 - 197 ft 35 ft 360° 14600 lbs 85%																
ft	42 ft			113 ft			127 ft			141 ft			156 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	38.5															12
14	38	34.2														14
17	38.3	33.8		38.6												17
20	34.9	32.2		38.6			33.7									20
23	32.4	30.6		38.5			33.7									23
26	30.6	29.1	23.7	37.5			33.6			28.4						26
29	28.6	27.5	22.8	36.6	29.3		33			28.4			23.6			29
32	26.8	26	21.8	35.8	28.5		32.4	26.7		28.3			23.5			32
35	24.7	24.6	21	34.7	27.7		31.5	26.6		28			23.6			35
38	23	23.1	20.2	32.2	26.8	21.4	29.5	26.2		27	24.6		23.5			38
44	19.9	19.5	16.1	26.2	25.4		24.4	24.7	20.2	23.6	23.4	19.8	21.6	21.8		44
50	17.4	17.6	16.7	21.3	23	19.9	22.6	21.7	19.3	20.7	20.7	19.3	19.4	20	16.2	50
56	15.4	16.3	15.9	17.5	19.8	19.2	19	18.9	18.7	17.9	18.6	18.2	16.7	17.8	17.7	56
62	13.8	15.3	10.7	14.5	16.3	17.6	16.1	17.1	16.8	15.1	16.6	16.5	13.9	15.6	16.2	62
68				12.1	13.7	15	13.7	15.1	15.1	12.7	14.2	14.8	11.7	13.2	14.3	68
74				10	11.4	12.9	10.7	12.9	14	10.7	12	13.2	9.7	11.2	12.4	74
80				8.2	9.5	10.5	9.9	11	12	9	10.2	11.2	8.1	9.4	10.5	80
86				6.8	7.9	8.7	8.4	9.4	10.3	7.8	8.7	9.6	6.7	7.9	8.8	86
92				5.8	6.6	7.2	7.2	8	8.7	7.3	8.1	8.1	5.5	6.5	7.4	92
99				4.4	5.2	5.8	5.4	6.9	7.5	5.3	6.0	6.9	4.4	5.4	6.1	99
104				3.3	4.1	4.6	5	5.8	6.3	4.3	5.1	5.7	3.5	4.3	5	104
110					3.1	3.5	4.1	4.8	5.2	3.6	4.2	4.7		3.4	4	110
116							3.3	3.5	4.2		3.4	3.8			3.1	116
122								3.1	3.3			3				122

TAB 1821122 / 1820142 / 1820142

42 - 197 ft 35 ft 360° 14600 lbs 85%																
ft	166 ft			170 ft			180 ft			184 ft			197 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18.3			18.1												32
35	16.3			18.1			14.3									35
38	15.3			18.1			14.3			14.8						38
44	16.3	16.3		18.1	18.1		14.3			14.8			12.4			44
50	16.3	16.1		17.3	17.8		14.3	14.3		14.8			12.4			50
56	15.5	15.5	14.8	15.2	16.6	16.1	13.9	14.3		14.8	14.8		12.4			56
62	14.6	14.6	14.3	12.7	14.5	15.3	12.3	13.0	13.5	13.4	14.5		12	12.4		62
68	11.9	12.9	13.5	10.8	12.1	13.6	10.2	11.8	12.9	11.1	13.5	13.1	10.8	11.8	11.9	68
74	9.4	10.9	12.1	8.6	10.1	11.4	8.4	9.9	11.1	8.9	10.7	12.2	8.5	10.3	11.3	74
80	7.8	9.1	10.2	7	8.4	9.5	6.8	8.2	9.3	7.2	8.8	10.1	6.8	8.4	9.8	80
86	6.5	7.9	9.8	5.7	6.9	7.9	5.5	6.7	7.9	6.6	7.1	8.3	5.3	6.8	8	86
92	5.3	6.4	7.2	4.5	5.8	6.5	4.3	5.4	6.4	5.6	6.1	7.2	4.3	5.3	6.5	92
98	4.2	5.2	6	3.4	4.5	5.3	3.3	4.3	5.2		4.4	5.4			5.1	98
104	3.3	4.2	4.9		3.5	4.2		3.3	4.1		3.3	4.2			3.9	104
110		3.8										3.1				110
116			3													116

TAB 1821122 / 1820142 / 1820142



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

42 - 107 ft		62 ft		99 ft		113 ft		127 ft		141 ft		156 ft		85%		
62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		62 ft				
ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	ft
14	15.8															14
17	15.5			12.9												17
20	15			12.6			12.1									20
22	14.5			12.4			12.1									22
26	14			12.6			12.1			11.2						26
29	13.4	10.6		12.4			12			11.2			10.9			29
32	12.9	10.5		12.2			11.8			11.2			10.8		10.6	32
35	12.4	10.2		12			11.6			11.1			10.6		10.6	35
38	11.9	9.9		11.7			11.5			10.9			10.5		10.5	38
44	11	9.3		11.3	9.3		11.1	9		10.6			10.3		10.3	44
50	10.2	8.8	7.9	10.8	9		10.7	8.8		10.3	8.8		10.1	8.7	10.1	50
56	9.5	8.2	7.7	10.5	8.7	7.8	10.3	8.7		10	8.6		9.8	8.6	9.8	56
62	8.9	8.1	7.5	10.1	8.5	7.5	10	8.5	7.3	9.7	8.4	7.3	9.5	8.4	9.6	62
68	8.2	7.6	7.3	9.7	8.2	7.4	9.7	8.3	7.3	9.4	8.2	7.3	9.2	8.2	7.3	68
74	7.6	7.5	7.2	9.3	8	7.3	9.3	8.1	7.6	9.2	8	7.3	9	8	7.3	74
80	7.1	7.4	7.1	8.9	7.9	7.2	8.9	7.9	7.2	8.9	7.9	7.2	8.8	7.8	8.3	80
86	6.4	7.2		8.6	7.7	7.1	8.7	7.7	7.1	8.6	7.7	7.1	8.4	7.7	7.1	86
92				8.2	7.8	7.1	8.4	7.8	7.1	8	7.6	7.1	7.1	7.6	7.1	92
98				7.8	7.4	7.1	7.8	7.5	7	6.9	7.5	7	6.1	7.5	7.1	98
104				7.3	7.3	7	7.3	7.3	7	6.9	7.2	7	6.1	6.8	7.1	104
110				6.8	6.9	7	6.8	6.8	7	6	6.3	7	4.3	6.6	6.6	110
116				6.1	6.6	6.6	6	6.6	6.6	6.3	6.3	6.3	3.5	4.8	5.8	116
122				4.6	5.9	5.8	4.2	5.9	5.8	4.8	5.6	5.6	2.8	4	4.9	122
128				3.8	4.5	4.8	3.5	4.3	4.9	4.3	4.5	4.5	2.3	3.3	4.3	128
134				3.2	3.8	4	2.9	3.6	4.1		3.1	3.7			3.3	134
140				2.7	3.1		3	3.3			3					140
146				2.5				2.8								146

TAB 1821122 / 1820142 / 1820162

TAB 1821122 / 1820142 / 1820162

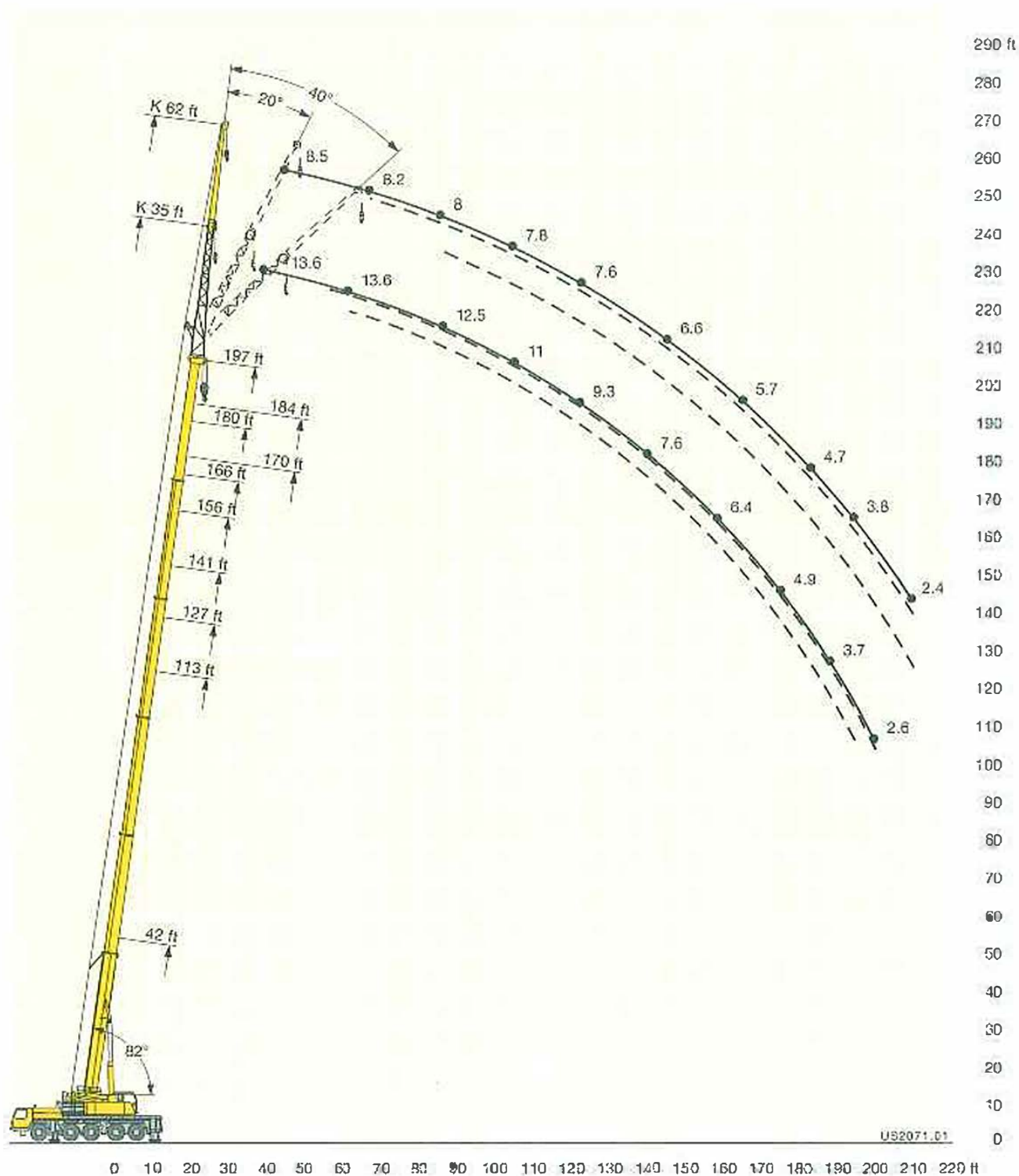
																		
		166 ft			170 ft			180 ft			184 ft			197 ft				
ft		62 ft			62 ft			62 ft			62 ft			62 ft			ft	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
35	9			9.7												35		
38	9			9.7			8.4			8.6						38		
44	9			9.6			8.4			8.6			7.7			44		
50	8.9			9.4			8.4			8.4			7.7			50		
56	8.8	7.7		9.2	8.3		8.3			8.3			7.6			56		
62	8.6	7.7		9.1	8.3		8.2	7.7		8.2	7.7		7.5			62		
68	8.5	7.7		8.8	8.1		8.1	7.8		8.1	7.7		7.5	7.1		68		
74	8.3	7.7		8.3	8	7.1	7.9	7.5		7.6	7.6		7	7.1		74		
80	8	7.6	7.1	7.5	7.8	7.1	7.2	7.4	6.8	8.1	7.5	6.9	5.7	7.1		80		
86	6.9	7.5	7	6.2	7.5	7.1	5.9	7.3	6.8	4.8	7.2	6.9	4.5	6.9	6.8	86		
92	5.7	7.4	7	5	7	7	4.8	6.8	6.8	5.9	6.9	6.9	4.4	6.8	6.8	92		
104	4.7	6.5	6.9	4	5.9	7	3.8	5.7	6.8	4.8	5.5	5.5	4.4	6.2	6.2	104		
110	3.8	5.4	6.7	3.1	4.8	6.2		4.8	6.1		3.7	5.4		3.4	5.1	110		
116	2.9	4.5	5.8		3.9	5.2		3.7	5.1			4.3			4.1	116		
122		3.6	4.8		3	4.3		2.8	4.1			3.3			3.1	122		
128		2.9	3.9			3.4			3.3							128		

TAD 1821122 / 1820142 / 1820142

TAB 1821122 / 1820142 / 1820162



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

		42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft				
		35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
12	14.6																						12	
14	14.5																						14	
17	14.4	14.6																					17	
20	14.3	14.5																					20	
23	14.1	14.4																					23	
26	13.6	13.9																					26	
29	13.1	13.2	13.3																				29	
32	12.6	12.5	12.8	14.6																			32	
35	12	11.9	12.1	14.6				12.1			12.6												35	
38	11.4	11.4	11.4	14.5				12.1			12.6			10.7			11.2						38	
44	10.2	10.3	10.4	14.4				12.1			12.6			10.7			11.2			9.5			44	
50	9	9.4	9.5	14.3	13.8			12.1	12.1		12.6	12.6		10.7			11.1			9.4			50	
56	7.9	8.5	8.8	14.1	13.4	12.4	12.1	12			12.6	12.6		10.7	10.7		11.1	11.2		9.4	9.5		56	
62	7	7.7	8.1	13.8	12.8	12.1	12.1	11.7	10.7		12.5	12.3	11.2	10.7	10.7	10.2	11.1	11.2	10.7	9.4	9.5		62	
68	6.3	6.8	7.3	13.3	12.2	11.5	11.9	11.2	10.6	12.3	11.8	11.1	10.7	10.6	10.1	11	11	10.6	10.6	9.4	9.5	9.2	68	
74	5.6	6	6.3	12.7	11.7	11	11.5	10.8	10.2	12	11.4	10.8	10.6	10.3	9.9	10.9	10.7	10.3	9.4	9.4	9.2		74	
80	4.9	5.3	5.6	12.2	11.2	10.6	11.1	10.3	9.9	11.7	11	10.4	10.4	10	9.6	10.7	10.4	10	9.3	9.3	9.2		80	
86	4.5			11.7	10.7	10.1	10.6	9.9	9.5	11.3	10.5	10	10.1	9.7	9.3	10.6	10.1	9.7	9.1	9.2	9		86	
92				11.1	10.3	9.8	10.1	9.5	9.2	10.9	10.1	9.7	9.7	9.3	9.1	10.3	9.7	9.4	9	8.9	8.7		92	
98				10.8	9.9	9.5	9.8	9.2	8.9	10.4	9.8	9.3	9.4	9	8.8	9.9	9.4	9.1	8.8	8.7	8.6		98	
104				10	9.5	9.2	9.1	8.9	8.7	10	9.4	9.1	9	8.7	8.6	9.5	9.2	8.9	8.6	8.5	8.3		104	
110				9.4	9.1	8.8	8.7	8.6	8.4	9.5	9.1	8.8	8.6	8.5	8.3	9.1	8.9	8.7	8.3	8.2	8.1		110	
116				8.9	8.7	8.6	8.3	8.2	8.2	9	8.7	8.8	8.2	8.2	8.1	8.7	8.8	8.5	8	7.9	7.9		116	
122				8.3	8.3	8.3	7.9	7.9	7.9	8.5	8.4	8.3	7.9	7.9	7.9	8.4	8.4	8.3	7.7	7.7	7.7		122	
128				7.9	7.9	8	7.4	7.5	7.6	8.1	8.1	8	7.5	7.6	7.6	8	8.1	8	7.4	7.4	7.4		128	
134				7.5	7.6	7.7	7	7.2	7.3	7.7	7.7	7.8	7.2	7.3	7.4	7.7	7.7	7.8	7	7.1	7.2		134	
140				7.1	7.2	7.3	6.7	6.8	7	7.3	7.4	7.5	6.9	7	7.1	7.3	7.4	7.5	6.7	6.8	6.9		140	
146				6.7	6.8	6.9	6.3	6.5	6.6	7	7.1	7.2	6.5	6.7	6.8	7	7.1	7.2	6.3	6.5	6.6		146	
152				6.3	6.4	6.5	5.9	6.1	6.2	6.6	6.7	6.8	6.2	6.3	6.5	6.7	6.8	6.9	6	6.2	6.3		152	
158				6	6.1	6.2	5.6	5.7	5.9	6.3	6.4	6.5	5.9	6	6.2	6.4	6.5	6.6	5.6	5.8	6		158	
164				5.7	5.8	5.9	5.3	5.4	5.5	6	6.1	6.2	5.6	5.7	5.8	6.1	6.2	6.3	5.3	5.5	5.7		164	
170				5.4	5.5	5.5	5	5.1	5.2	5.8	5.8	5.9	5.3	5.4	5.5	5.5	5.9	6	5	5.2	5.4		170	
176				5.1	5.2	5.2	4.7	4.8	4.9	5.5	5.6	5.6	5.1	5.1	5.2	4.9	5.3	5.6	4.6	4.9	5		176	
182				4.9	4.9	5	4.4	4.5	4.5	5.2	5.3	5.4	4.8	4.9	5	4.3	4.7	5	4	4.4	4.7		182	
188				4.6	4.7		4.1	4.2	4.2	4.7	5	5	4.5	4.6	4.7	3.7	4.1	4.3	3.5	3.9	4.1		188	
194				4.4	4.5		3.9	4	4	4.1	4.4	4.5	4.1	4.3	4.4	3.1	3.5	3.6	2.9	3.3	3.5		194	
200										3.6	3.8					2.6	2.9	3		2.8	3		200	
210														2.7	2.8								210	

TAB 1825431 / 1825151 / 1825171



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

42 - 194 ft		23 ft		62 ft		166 ft + 23 ft		170 ft + 23 ft		180 ft + 23 ft		184 ft + 23 ft		194 ft + 23 ft		ft	
62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		ft	
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
14	9.2															14	
17	9.2															17	
20	9.1															20	
23	9.1															23	
26	9															26	
29	8.9															29	
32	8.8															32	
35	8.7	8.5														35	
38	8.6	8.5	9													38	
44	8.2	8.2	9			7.8		8		7.3		7.5				44	
50	7.7	7.7	7.5	9		7.8		8		7.3		7.5		6.6		50	
56	7.2	7.2	7.3	9		7.8		8		7.3		7.5		6.6		56	
62	6.7	6.8	7	8.9	8.3	7.8		8		7.3		7.5		6.8		62	
68	6.2	6.3	6.5	8.8	8.3	7.8	7.8	8	7.8	7.3	7	7.4	7.3	6.6		68	
74	5.8	5.9	6.1	8.7	8.2	7.8	7.7	8	7.8	7.3	7	7.4	7.3	6.6	6.3	74	
80	5.3	5.6	5.8	8.5	8	7.8	7.5	6.8	8	7.7	7	7.4	7.3	6.6	6.3	80	
86	4.9	5.3	5.5	8.4	7.7	7.7	7.3	6.8	8	7.6	7	7.3	7	6.6	6.3	86	
92	4.4	4.9	5.2	8.1	7.4	7	7.6	7	6.7	7.9	7.3	6.9	7.2	6.9	6.5	92	
98	4	4.6	4.9	7.8	7.1	6.8	7.3	6.8	6.5	7.7	7.1	6.7	7.1	6.7	6.4	98	
104	3.6	4	4.3	7.5	6.8	7.1	6.8	6.3	7.5	6.9	6.5	6.9	6.5	6.2	7.1	104	
110	3.3	3.6	4.2	7.2	6.7	6.4	6.9	6.4	6.1	7.2	6.6	6.4	6.8	6.3	6.1	110	
116	3	3.2		7	6.5	6.2	6.6	6.2	6	6.9	6.4	6.2	6.6	6.1	5.9	116	
122				6.7	6.3	6.1	6.4	6	5.8	6.7	6.2	6	6.3	5.9	5.7	122	
128				6.5	6.1	5.9	6.2	5.8	5.7	6.5	6.1	5.9	6.1	5.8	5.6	128	
134				6.3	5.9	5.7	6	5.6	5.5	6.3	5.9	5.7	5.9	5.6	5.5	134	
140				6.1	5.7	5.6	5.8	5.5	5.4	6.1	5.7	5.6	5.8	5.5	5.4	140	
146				5.8	5.6	5.5	5.6	5.3	5.3	5.9	5.6	5.5	5.6	5.3	5.2	146	
152				5.6	5.4	5.3	5.4	5.2	5.1	5.7	5.4	5.3	5.4	5.2	5.1	152	
158				5.3	5.2	5.2	5.1	5.1	5	5.5	5.3	5.3	5.3	5.1	5	158	
164				5.1	5.1	5.1	4.9	4.9	4.9	5.3	5.1	5.1	5	4.9	4.9	164	
170				4.9	4.9	5	4.6	4.7	4.7	5.1	5	5	4.8	4.8	4.8	170	
176				4.6	4.8	4.9	4.3	4.5	4.6	4.9	4.8	4.9	4.6	4.7	4.9	176	
182				4.4	4.6	4.7	4	4.2	4.4	4.6	4.7	4.8	4.3	4.5	4.6	182	
188				4.2	4.3	4.4	3.8	4	4.2	4.4	4.5	4.6	4.1	4.2	4.4	188	
194				3.9	4.1	4.2	3.6	3.8	3.9	4.2	4.3	4.5	3.9	4	4.2	194	
200				3.7	3.8	4	3.3	3.6	3.7	4	4.2	4.3	3.7	3.8	4	200	
210				3.4	3.5		3	3.2	3.2	3.4	3.8	3.9	3.2	3.5	3.6	210	
220							2.7	2.8		2.8	3		2.5	3	3.1	220	
230							2.4				2.2		2.2	2.2		230	

TAB 1825431 / 1825151 / 1825171



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

		42 - 197 ft			23 ft			35 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft				
		35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
12	13.2																									12	
14	13.2																									14	
17	13.1	13.2																								17	
20	13	13.2																								20	
23	12.8	13.1																								23	
26	12.4	12.6																								26	
29	11.9	12	12.1																							29	
32	11.4	11.4	11.6	13.2																						32	
35	10.9	10.9	11	13.2				11					11.5													35	
38	10.4	10.3	10.4	13.2				11					11.5				9.7			10.1						38	
44	9.3	9.4	9.5	13.1				11					11.5				9.7			10.1			8.6			44	
50	8.2	8.6	8.7	13	12.5			11	11				11.5	11.5			9.7			10.1			8.6			50	
56	7.2	7.8	8	12.8	12.2	11.2	11	10.9					11.5	11.4			9.7	9.7		10.1	10.1		8.6	8.6		56	
62	6.4	7	7.4	12.4	11.7	11	11	10.6	9.7				11.2	11.2	10.1		9.7	9.7	9.3	9.7	10.1	9.7	8.6	8.6		62	
68	5.7	6.2	6.6	11.2	11.1	10.5	10.4	10.2	9.6	10	10.7	10.1		9.2	9.6	9.2			8.5	9.7	9.6	7.9	8.8	8.4		68	
74	5.1	5.5	5.8	9.3	10.4	10	9	9.7	9.3	8.2	9.7	9.8	7.9	9.1	9		6.8	8.4	9.2	6.4	8	8.3	8.3			74	
80	4.5	4.8	5.1	7.8	9.1	9.5	7.4	8.8	8.9	6.7	8.1	9.2	6.4	7.8	8.6		5.3	6.8	8	4.9	6.4	7.7				80	
86	4.1			6.4	7.6	8.6	6.1	7.3	8.3	5.3	6.6	7.6	5.1	6.4	7.4			5.4	6.5		5	6.2				86	
92				5.2	6.3	7.2	4.9	6	6.9	4.2	5.3	6.3		5.1	6.1				5.2			4.9				92	
98				4.1	5.1	5.9	3.9	4.9	5.7	3.1	4.2	5.1		4	4.9				4			3.7				98	
104				3.2	4.1	4.9		3.9	4.7		3.2	4		3.1	3.9											104	
110					3.2	3.9		3	3.7																	110	
116						3																				116	

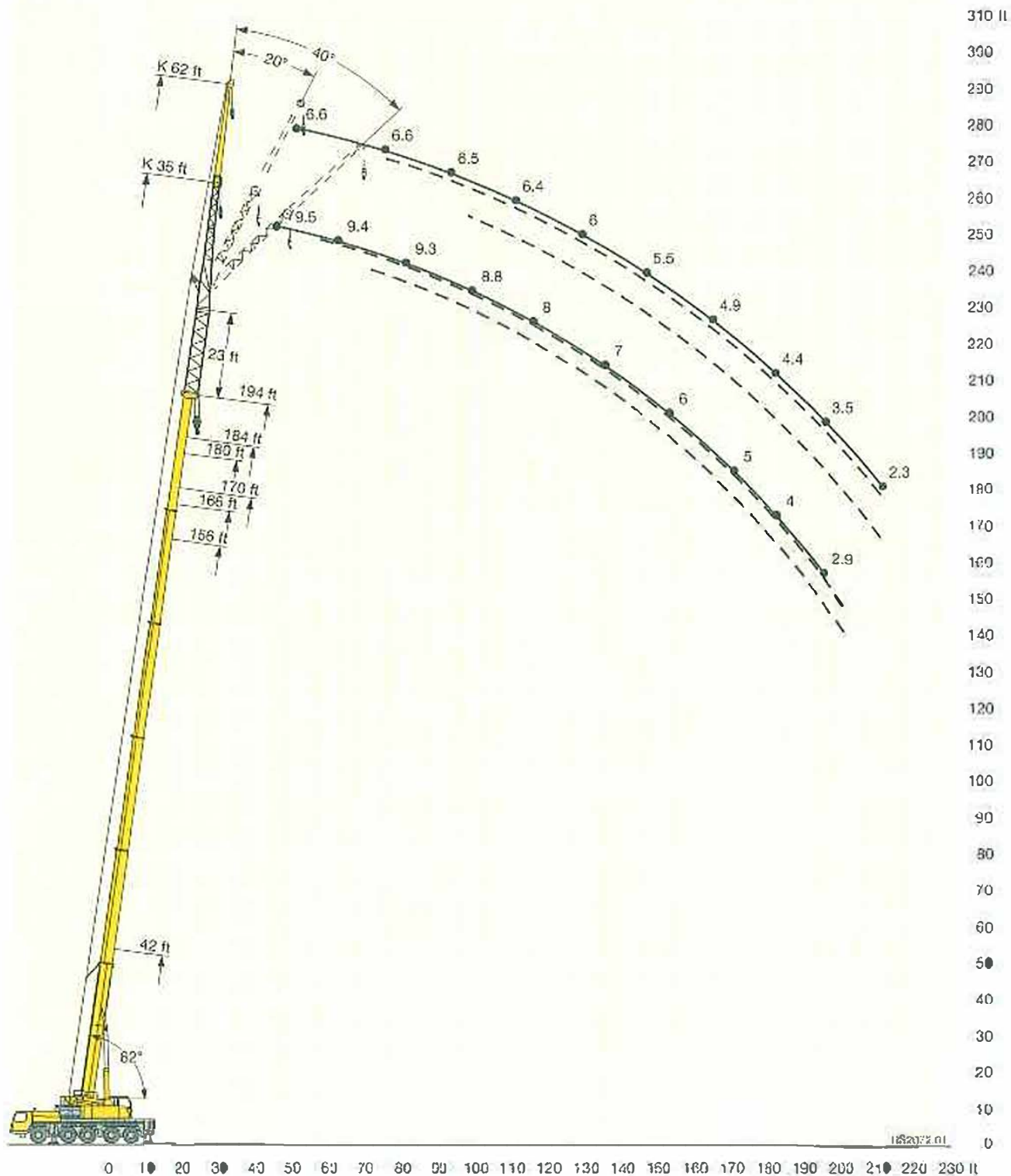
1AB 1821242 / 1820262 / 1820282

																	85%							
		42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft				
		62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
14		8.4																					14	
17		8.4																					17	
20		8.3																					20	
23		8.2																					23	
26		8.2																					26	
29		8.1																					29	
32		8																					32	
35		7.9	7.7																				35	
38		7.8	7.7		8.2																		38	
44		7.4	7.5		8.2			7.1			7.3			6.6			6.8						44	
50		7	7	6.8	8.2			7.1			7.3			6.6			6.8			6			50	
56		6.5	6.6	6.7	8.1			7.1			7.3			6.6			6.8			6			56	
62		6.1	6.1	6.3	8.1	7.5		7.1			7.3			6.6			6.8			6			62	
68		5.7	5.7	5.9	8	7.5		7.1	7.1		7.3			6.6	6.4		6.8			6			68	
74		5.3	5.4	5.6	7.9	7.4		7.1	7		7.3	7.1		6.6	6.4		6.5	6.6		5.9	5.7		74	
80		4.9	5.1	5.2	7.6	7.2	6.6	7	6.8	6.2	7	7	6.4	6.4	6.4		5.7	6.6		5.4	5.7		80	
86		4.4	4.6	5	6.7	7	6.6	6.4	6.6	6.2	5.7	6.9	6.4	5.4	6.4	6	4.4	6.5	6.2		5.7		86	
92		4	4.5	4.7	5.6	6.7	6.4	5.3	6.4	6.1	4.6	6.6	6.3	4.3	6.2	6		5.5	6.2		5.3		92	
98		3.6	4.1	4.4	4.6	6.3	6.2	4.2	6	5.9	3.6	5.5	6.1	3.3	5.3	5.8		4.4	6		4.2	5.5	98	
104		3.3	3.7	3.9	3.6	5.3	6	3.3	5.1	5.7		4.5	5.9		4.2	5.7		3.4	5.1		3.2	4.8	104	
110		3	3.2	3.8		4.4	5.6		4.1	5.3		3.6	5		3.3	4.8			4.1			3.9	110	
116		2.7	3			3.6	4.8		3.3	4.6			4			3.9			3.1			3	116	
122						2.8	3.9			3.7			3.2			3							122	
128							3.1			2.9													128	

1AB 1821242 / 1820262 / 1820282



Lifting heights Hauteurs de levage



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

		 42 - 194 ft			 46 ft			 35 ft			 300°			 52600 lbs			85%					
 ft	42 ft + 46 ft			158 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	9.7																					14
17	9.7																					17
20	9.7																					20
23	9.7																					23
26	9.6	9.7																				26
29	9.4	9.6																				29
32	9.2	9.4	9																			32
35	8.9	9.1	9																			35
38	8.5	8.7	8.8	9.7																		38
44	7.9	8	8.2	9.7				8.3			8.5			7.3			7.5					44
50	7.3	7.4	7.5	9.7	9.7			8.3			8.5			7.3			7.5			6.8		50
56	6.7	6.8	7	9.6	9.5			8.3	8.3		8.5	8.5		7.3	7.3		7.5			6.6		56
62	6.2	6.3	6.4	9.4	9.2	8.7	8.3	8.3	8	8.5	8.5	8.3	7.3	7.3		7.5	7.5			6.6	6.6	62
68	5.8	5.9	6	9.2	8.8	8.6	8.2	8.1	7.9	8.5	8.4	8.2	7.3	7.3	7.3	7.5	7.5	7.5		6.6	6.6	68
74	5.3	5.4	5.6	8.8	8.5	8.2	8.1	7.9	7.7	8.3	8.2	8	7.3	7.3	7.3	7.5	7.5	7.5	6.5	6.6	6.6	74
80	4.8	5	5.2	8.5	8.1	7.9	7.8	7.6	7.4	8.1	7.9	7.7	7.3	7.2	7.2	7.4	7.4	7.4	6.5	6.6	6.6	80
86	4.3	4.6	4.8	8.1	7.8	7.6	7.5	7.3	7.1	7.9	7.6	7.4	7.2	7	6.9	7.3	7.3	7.2	6.5	6.5	6.5	86
92	3.9	4.1	4.4	7.6	7.4	7.3	7.3	7	6.9	7.7	7.3	7.2	7	6.8	6.7	7.2	7.1	6.9	6.4	6.5	6.5	92
98	3.4	3.7	3.8	7.5	7.1	7	7	6.7	6.6	7.4	7.1	6.9	6.8	6.6	6.5	7.1	6.9	6.7	6.3	6.3	6.3	98
104	3	3.2	3.5	7.2	6.9	6.7	6.8	6.5	6.4	7.1	6.8	6.7	6.6	6.4	6.3	6.9	6.6	6.5	6.3	6.1	6.1	104
110	2.7	2.8		6.9	6.6	6.5	6.5	6.3	6.1	6.9	6.6	6.4	6.4	6.1	6.1	6.7	6.4	6.3	6.1	6	5.9	110
116				6.6	6.4	6.3	6.2	6.1	5.9	6.6	6.4	6.2	6.2	6	5.8	6.5	6.2	6.1	6	5.8	5.7	116
122				6.4	6.1	6.1	6	5.8	5.8	6.4	6.1	6	6	5.8	5.7	6.2	6	5.9	5.8	5.6	5.6	122
128				6.2	5.9	5.9	5.8	5.6	5.6	6.2	5.9	5.8	5.8	5.6	5.5	6	5.8	5.7	5.6	5.4	5.4	128
134				5.9	5.7	5.7	5.6	5.4	5.4	5.9	5.7	5.7	5.6	5.4	5.4	5.8	5.6	5.6	5.5	5.3	5.3	134
140				5.7	5.5	5.5	5.4	5.3	5.2	5.7	5.5	5.5	5.4	5.2	5.2	5.7	5.5	5.4	5.3	5.1	5.1	140
146				5.4	5.3	5.3	5.2	5.1	5.1	5.5	5.4	5.3	5.2	5.1	5.1	5.5	5.3	5.3	5.1	5	5	146
152				5.1	5.1	5.1	5	4.9	4.9	5.3	5.2	5.2	5	5	4.9	5.3	5.2	5.1	4.9	4.8	4.8	152
158				4.9	4.9	4.9	4.7	4.7	4.7	5.1	5	5	4.9	4.8	4.8	5.1	5	5	4.7	4.7	4.7	158
164				4.6	4.7	4.7	4.4	4.4	4.5	4.9	4.8	4.8	4.6	4.7	4.7	4.9	4.9	4.9	4.5	4.5	4.6	164
170				4.4	4.5	4.6	4.1	4.2	4.3	4.6	4.6	4.7	4.4	4.4	4.5	4.7	4.7	4.7	4.3	4.4	4.4	170
176				4.2	4.2	4.3	3.8	4	4	4.4	4.4	4.5	4.1	4.2	4.3	4.4	4.5	4.6	4.1	4.2	4.3	176
182				3.9	4	4.1	3.6	3.7	3.8	4.2	4.2	4.3	3.9	4	4	3.9	4.3	4.4	3.7	4	4.1	182
188				3.7	3.8	3.8	3.3	3.5	3.5	4	4	4.1	3.6	3.7	3.8	3.4	3.8	4	3.2	3.3	3.8	188
194				3.5	3.5	3.6	3.1	3.2	3.3	3.7	3.8	3.9	3.4	3.5	3.6	2.9	3.3	3.5	2.7	3.1	3.3	194
200				3.3	3.3	3.3	2.9	3	3	3.4	3.6	3.7	3.1	3.3	3.4		2.7	2.9		2.6	2.8	200
210				2.9	3		2.5	2.6	2.6	2.5	2.8	2.9	2.4	2.7	2.9							210
220							2.2	2.3														220

TAB 1825131 / 1825211 / 1825231



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

42 - 194 ft		46 ft		62 ft		166 ft + 46 ft		170 ft + 46 ft		180 ft + 46 ft		184 ft + 46 ft		194 ft + 46 ft		85%	
42 ft + 46 ft		156 ft + 46 ft		166 ft + 46 ft		170 ft + 46 ft		180 ft + 46 ft		184 ft + 46 ft		194 ft + 46 ft					
62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		62 ft		62 ft			
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
17	6.6																17
20	6.6																20
23	6.6																23
26	6.6																26
29	6.6																29
32	6.5																32
35	6.5																35
38	6.4	6.6															38
44	6.2	6.5		6.6													44
50	6	6.3		6.6		5.6		5.8		4.9		5.1					50
56	5.6	5.9	5.8	6.6		5.6		5.8		4.9		5.1		4.4			56
62	5.2	5.4	5.7	6.5		5.6		5.8		4.9		5.1		4.4			62
68	4.9	5	5.3	6.5	6.3	5.6		5.8		4.9		5.1		4.4			68
74	4.5	4.7	4.9	6.4	6.3	5.6	5.6	5.8	5.8	4.9	4.9	5.1	5.1	4.4			74
80	4.2	4.4	4.6	6.3	6.2	5.6	5.6	5.7	5.8	4.9	4.9	5	5.1	4.4	4.4		80
86	3.9	4.1	4.3	6.1	6	5.6	5.5	5.6	5.1	5.6	5.8	5.3	4.9	4.9	4.3	4.4	86
92	3.7	3.8	4	6	5.8	5.6	5.4	5.4	5.1	5.6	5.6	5.3	4.9	4.9	4.3	4.4	92
98	3.5	3.6	3.7	5.8	5.5	5.4	5.3	5.2	5.1	5.5	5.4	5.3	4.9	4.9	4.9	4.9	98
104	3.2	3.4	3.5	5.6	5.3	5.2	5.2	5	4.9	5.5	5.2	5.1	4.9	4.8	4.8	4.9	104
110	3	3.2	3.3	5.4	5.1	5	5.1	4.8	4.7	5.3	5	4.9	4.9	4.7	4.6	4.9	110
116	2.8	3	3.1	5.2	4.9	4.8	4.9	4.6	4.6	5.1	4.9	4.7	4.8	4.6	4.5	4.8	116
122	2.7	2.8	2.8	5	4.7	4.6	4.7	4.5	4.4	4.9	4.7	4.6	4.6	4.4	4.3	4.7	122
128	2.5	2.6	2.5	4.7	4.5	4.5	4.5	4.3	4.2	4.7	4.5	4.4	4.4	4.2	4.2	4.6	128
134	2.4	2.4		4.6	4.4	4.3	4.3	4.1	4.1	4.6	4.3	4.3	4.3	4.1	4	4.4	134
140				4.4	4.2	4.1	4.1	4	4	4.4	4.2	4.1	4.1	4	3.9	4.3	140
146				4.2	4	4	4	3.8	3.8	4.2	4	4	4	3.8	3.8	4.1	146
152				4.1	3.9	3.9	3.9	3.7	3.7	4.1	3.9	3.9	3.8	3.7	4	3.9	152
158				3.9	3.8	3.8	3.7	3.6	3.6	3.9	3.8	3.8	3.7	3.6	3.9	3.7	158
164				3.8	3.6	3.6	3.6	3.5	3.5	3.8	3.7	3.6	3.6	3.5	3.4	3.8	164
170				3.6	3.5	3.5	3.4	3.4	3.4	3.7	3.6	3.5	3.5	3.4	3.4	3.7	170
176				3.5	3.4	3.4	3.3	3.2	3.2	3.6	3.4	3.4	3.4	3.2	3.3	3.5	176
182				3.4	3.3	3.3	3.1	3.1	3.2	3.4	3.3	3.3	3.2	3.2	3.4	3.3	182
188				3.2	3.2	3.2	3	3	3	3.3	3.2	3.2	3.1	3	3.1	3.3	188
194				3.1	3.1	3.1	2.8	2.9	2.9	3.2	3.1	3.2	2.9	2.9	3	3.1	194
200				2.9	3	3	2.6	2.8	2.8	3.1	3	3.1	2.8	2.8	2.9	2.7	200
210				2.6	2.7	2.7	2.3	2.5	2.6	2.8	2.9	3	2.5	2.6	2.7	2.6	210
220				2.3	2.4	2.5		2.1	2.2		2.6	2.7		2.4	2.5		220
230				2	2.1	2.2					2.2			2.2			230

TAB 1625191 / 1625211 / 1625231



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

		 42 - 104 ft			 48 ft			 35 ft			 360°			 14600 lbs			85%							
		42 ft + 48 ft			158 ft + 48 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 48 ft			194 ft + 48 ft				
		35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
14	ft	8.8																					14	
17	ft	8.8																					17	
20	ft	8.8																					20	
23	ft	8.8																					23	
26	ft	8.7	8.8																				26	
29	ft	8.6	8.8																				29	
32	ft	8.4	8.5	8.2																			32	
35	ft	8.1	8.2	8.2																			35	
38	ft	7.7	7.9	8	8.8																		38	
44	ft	7.2	7.3	7.5	8.8			7.5			7.7			6.6			6.8						44	
50	ft	6.6	6.7	6.9	8.8	8.8		7.5			7.7			6.6			6.8			6			50	
56	ft	6.1	6.2	6.3	8.7	8.7		7.5	7.5		7.7	7.7		6.6	6.6		6.8			6			56	
62	ft	5.7	5.7	5.9	8.6	8.4	7.9	7.5	7.5	7.3	7.7	7.7	7.5	6.6	6.6		6.8	6.8		6	6		62	
68	ft	5.2	5.3	5.5	8.4	8	7.8	7.5	7.4	7.2	7.7	7.7	7.5	6.6	6.6	6.6	6.6	6.8	6.8	6	6		68	
74	ft	4.8	4.9	5.1	8	7.7	7.5	7.4	7.2	7	7.3	7.5	7.3	6.5	6.6	6.6	6.3	6.8	6.8	5.7	6		74	
80	ft	4.3	4.6	4.7	7.3	7.4	7.2	6.9	6.9	6.7	6.2	7.1	7	5.9	6.5	6.5	4.9	6.3	6.7	4.6	5.7	6	80	
86	ft	3.9	4.2	4.4	5.9	7	6.9	5.6	5.5	5.5	4.9	6.2	6.7	4.6	5.9	6.3		5	6.1		4.7	5.8	86	
92	ft	3.5	3.8	4	4.8	5.9	6.6	4.4	5.6	6.2		5	6		4.7	6.7			4.8			4.6	92	
98	ft	3.1	3.3	3.5	3.7	4.8	5.6	3.4	4.5	5.3		3.9	4.8		3.6	4.5			3.7			3.5	98	
104	ft	2.7	2.9	3.1		3.6	4.6		3.5	4.3			3.7			3.5							104	
110	ft	2.4	2.5			3.6				3.4													110	

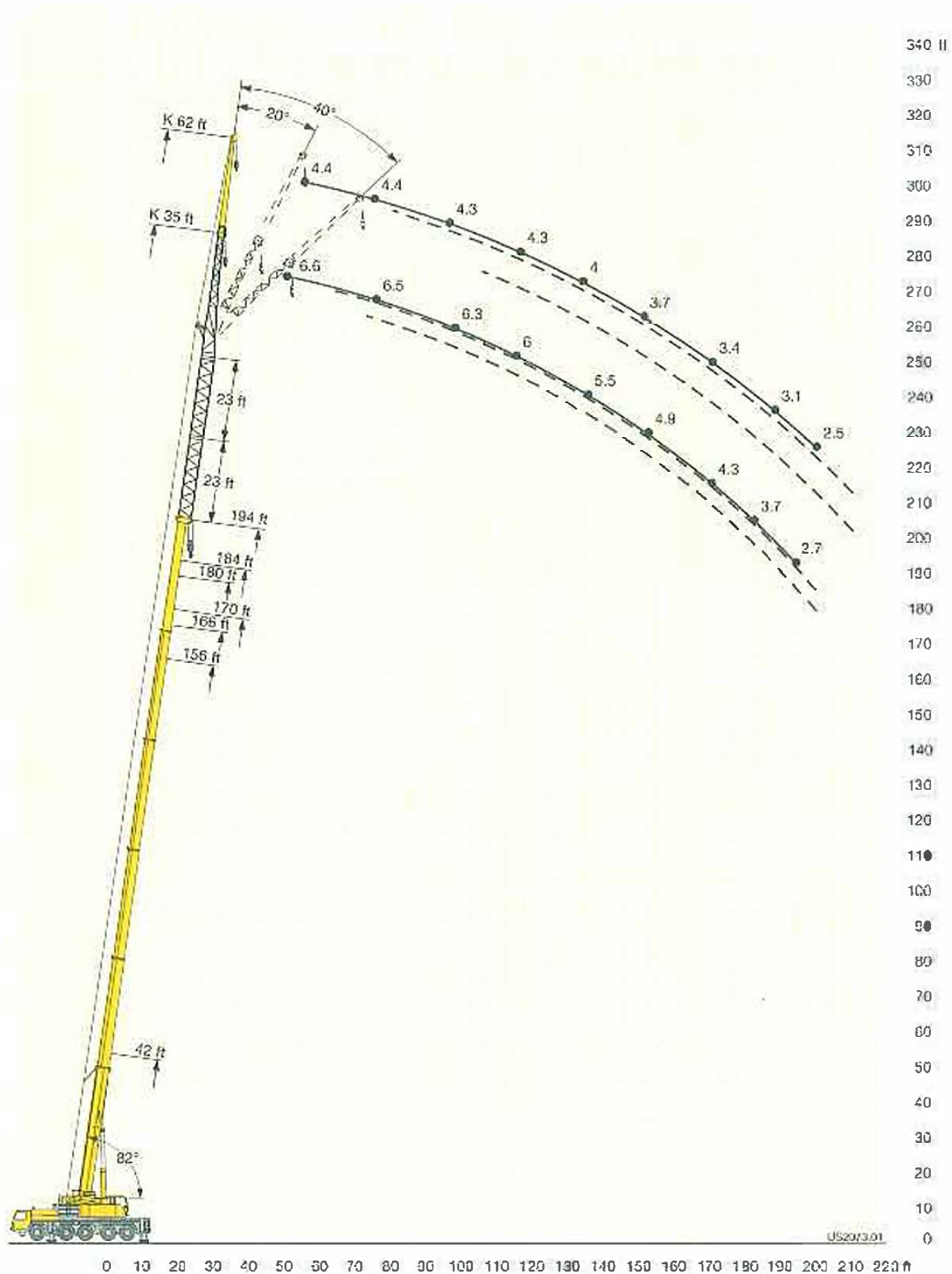
TAB 1821302 / 1820322 / 1820342

		 42 - 104 ft			 46 ft			 62 ft			 360°			 14300 lbs			85%							
		42 ft + 46 ft			158 ft + 46 ft			166 ft + 46 ft			170 ft + 48 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft				
		62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft				
 ft		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	 ft	
17		6																					17	
20		6																					20	
23		6																					23	
26		6																					26	
29		6																					29	
32		5.9																					32	
35		5.9																					35	
38		5.8	6																				38	
44		5.6	5.9		6																		44	
50		5.4	5.7		6			5.1			5.3			4.4			4.6						50	
56		5.1	5.3	5.3	5.9			5.1			5.3			4.4			4.6			4			56	
62		4.8	4.9	5.1	5.9			5.1			5.3			4.4			4.6			4			62	
68		4.4	4.6	4.8	5.9	5.7		5.1			5.3			4.4			4.6			4			68	
74		4.1	4.3	4.5	5.8	5.7		5.1	5.1		5.2	5.3		4.4	4.4		4.6	4.6		4			74	
80		3.8	4	4.2	5.7	5.7		5.1	5.1		5.2	5.3		4.4	4.4		4.5	4.6		3.9	4		80	
86		3.6	3.7	3.9	5.5	5.5	5.1	5	5.1	4.6	5	5.2	4.9	4.3	4.4		4.6	4.6		4			86	
92		3.4	3.5	3.6	5.1	5.2	5.1	4.7	4.9	4.6	4	5.1	4.9		4.4		4.6			4			92	
98		3.1	3.2	3.4	4	5	4.9	3.7	4.7	4.6	3.1	4.9	4.8		4.4	4.4	4	4.6		3.7			98	
104		2.9	3.1	3.2	3.1	4.8	4.7		4.5	4.4		4.1	4.6		3.8	4.3		4.5			4		104	
110		2.7	2.9	3		4	4.5		3.7	4.3		3.2	4.4		2.9	4.2		3.7			3.4		110	
116		2.6	2.7	2.8		3.2	4.2		2.9	4			3.7			3.5			2.8				116	
122		2.4	2.5	2.6			3.6			3.4			2.9										122	
128		2.3	2.4	2.3			2.8																128	
134		2.2	2.2																				134	

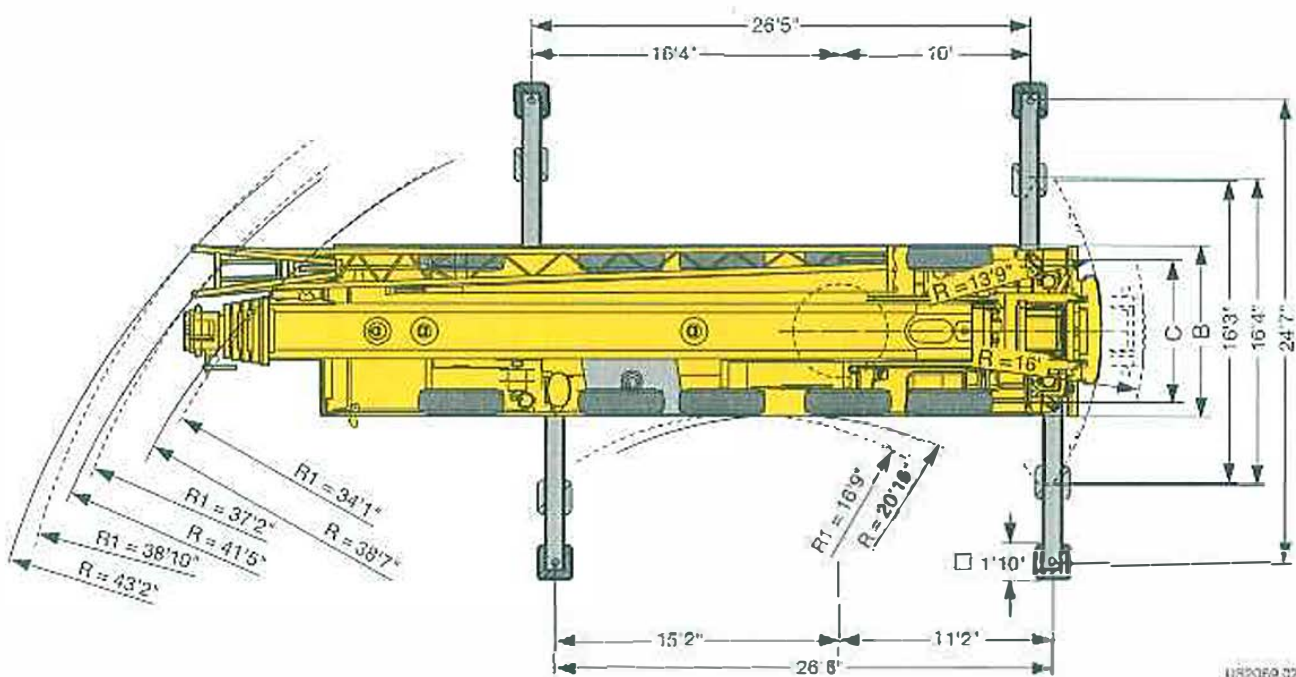
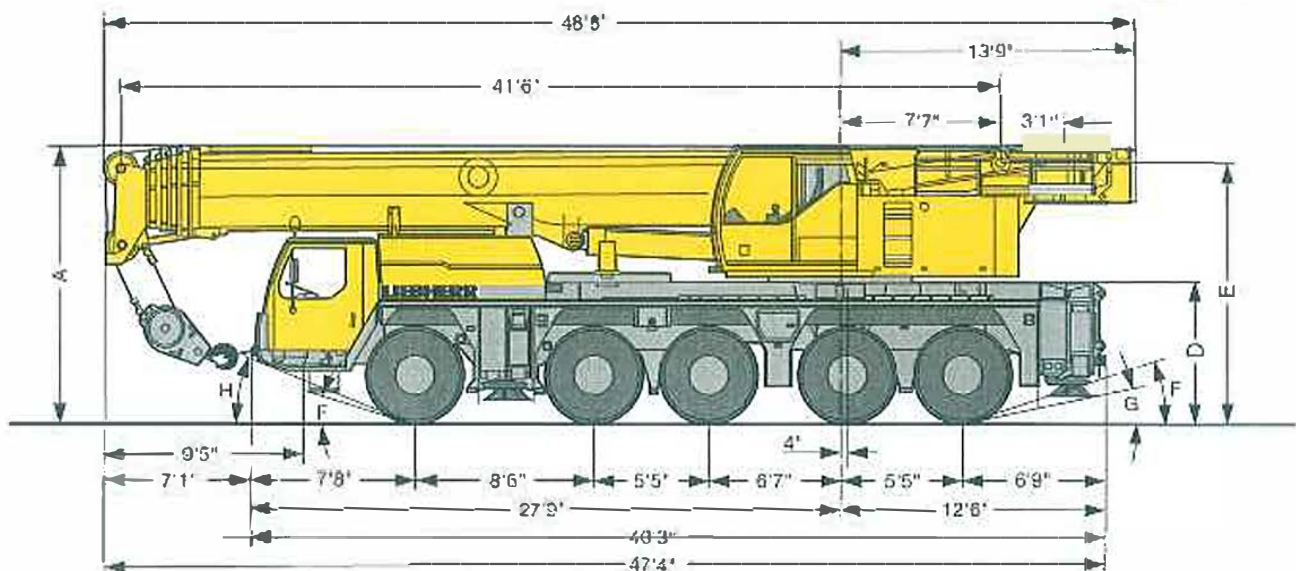
TAB 1821302 / 1820322 / 1820342



Lifting heights **Hauteurs de levage**



Dimensions Encombrement



052069.32

R = All-wheel steering - Direction toutes roues

	A	A 4"	B	C	D	E	F	G	H
16.00 R 25	13'1"	12'10"	9'	7'7"	6'9"	12'4"	22"	14"	26"
20.5 R 25	13'1"	12'10"	9'4"	7'7"	6'9"	12'4"	22"	14"	28"

* lowered - abaissé



Weights Poids



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

*With 19800 lbs counterweight / avec contrepoids 19800 lbs



Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
242.5	7	14	2730
198.8	5	11	1980
130	3	7	1540
57.5	1	3	990
19.4	—	1	550

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	mph	1.2 - 3.5	4.5	5.8	7.5	9.5	12.2	16.1	20.6	26.6	34.2	43.4	50	1.3 - 3.8	4.9	43 %
		0.53 - 1.6	2	2.6	3.3	4.2	5.3	7	9	11.6	14.9	18.9	24.2	0.57 - 1.7	2.1	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 - 360 ft/min single line ft/min au brin simple	7/8" / 820 ft	19400 lbs
	0 - 360 ft/min single line ft/min au brin simple	7/8" / 820 ft	19400 lbs
	0 - 1.5 rpm		
	approx. 65 seconds to reach 82° boom angle env. 65 s jusqu'à 82°		
	approx. 511 seconds for boom extension from 42 ft - 197 ft env. 511 s pour passer de 42 ft - 197 ft		



Equipment Équipement

Crane carrier

Frame	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
Outriggers	4-point supporting system, hydraulically telescopic 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 1737 lbs-ft at 1200 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 127 gallons.
Transmission	ZF 12-speed gear box with automatic control system AS-TRONIC, ZF interder 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-servoocom 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 37.2 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, interder 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 ring to the carrier for continuous rotation.
Crane engine	4-cylinder Diesel, make Liebherr, type D9348 A6, watercooled, output 145 kW (197 h.p.) at 1800 rpm, max. torque 678 lbs-ft at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatement.
Control	Electric "Load Sensing" control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type).
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with pilot-controlled brake valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as standard feature.
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, ovaliform 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: 42 ft – 197 ft.
Counterweight	64800 lbs basic counterweight.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Swing-away jib	35 ft – 62 ft long, mountable to the telescopic boom at 0°, 20° or 40°. Hydraulic ram for operating the swing-away jib from 0° – 40° (option).
Telescopic boom extension	23 ft – 46 ft long lattice section, thus 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.
Drive 10 x 8	Additional drive of the 1 st axle.
Additional counterweight	28000 lbs for a total counterweight of 92800 lbs.

Other items of equipment available on request.



Equipment Eqlpement

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, enlèvement déployable hydrauliquement. Nivellement automatique du calage. Des indicateurs électromécaniques 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. 1737 lbs-ft à 1200 rpm - 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: 127 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 directs. 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. À partir d'environ 37.2 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 cathodèse, 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 géos permettant une rotation illimitée sert de pièce de liaison avec le châssis de la
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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 rpm, couple max. 678 lbs-ft à 1100 rpm - 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: 68 gallons.
Entraînement de la grue	Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
Commande	Direction électrique "Load Sensing", 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocantrage.
Mécanisme de levage	Moteur à cylindres constants et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec clapet de frein commandé.
Dispositif de	Moteur à cylindres constants à pistons axiaux, réducteur planétaire, frein d'arrêt commandé par ressort. Construction en série du mécanisme d'orientation: ouvert et en marche rectiligne, en marche déviante.
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 sécurité contre la rupture de tubes et de tuyaux.
Flèche télescopique	Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, «Telematik». Longueur de flèche: 42 ft - 197 ft.
Contrepoids	Plaques de base 54600 lbs.
Installation électrique	Technique moderne de transmission de données, Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Équipement supplémentaire

Fléchette pliante	Longueur: 35 ft - 62 ft, montable sous un angle de 0°, 20° ou 40°. Verin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option).
Rallonge flèche télescopique	Dispositif en tôle d'acier de 23 ft - 48 ft, de cette manière point d'articulation plus haute 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 mouillé.
Contrepoids additionnel	28000 lbs pour un contrepoids total de 92800 lbs.

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 centraline.
7. The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
8. Lifting capacities above 183000 lbs / 242500 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 dépliée déposée.
8. Forces de levage plus de 183000 lbs / 242500 lbs seulement avec moufle additionnel/équipement supplémentaire.



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