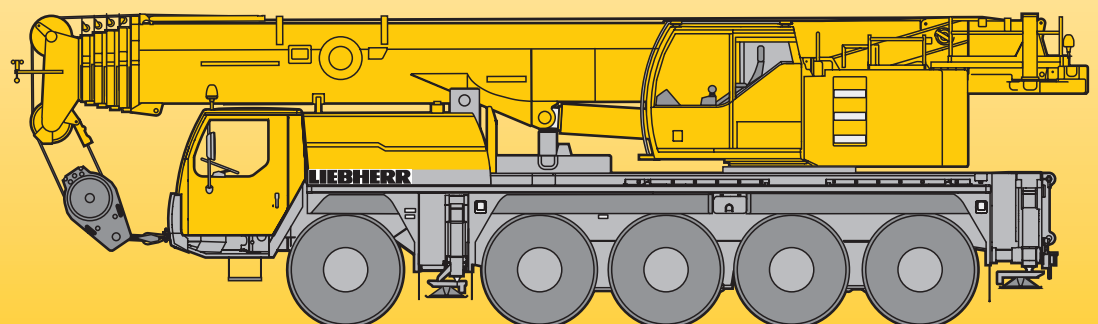




Mobile Crane Grue automotrice

LTM 1100-5.2

Technical Data Caractéristiques techniques



LIEBHERR



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

38 ft - 171 ft 85%														
 ft	38 ft		50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	 ft
	*													
9	222	183												9
10	219	183												10
11	204	183												11
12	189	180	165	156										12
13	176	175	166	156	149									13
14	166	166	157	150	143	125								14
15	157	157	149	143	137	124								15
16	151	151	143	138	133	121	102							16
17	145	145	138	133	128	118	100							17
18	140	139	133	128	123	116	98.5	79.5	68					18
20	130	127	124	119	114	112	94.5	79	67.5					20
22	120	117	116	111	107	105	91.5	76.5	65.5	54.1				22
24	110	107	108	104	100	98.5	88.5	74	63.5	53.4				24
26	101	97.5	98.5	97.5	94.5	92.5	85.5	71	61.5	52	45.7			26
28	93	89.5	91	90	89	87.5	83	69	59.5	50.6	44.6	35.1		28
30			84	83	84	82.5	80.5	66.5	57.6	49.2	43.4	34.9		30
32			78	77	79	78.5	77	64	55.7	47.8	42.3	34.2	27.7	32
34			73	72	74.5	74	73	62	54	46.4	41.3	33.6	27.4	34
36			68.5	68.5	69.5	69	68	59.8	52.4	45.2	40.4	33	26.9	36
38			64	64.5	65	64.5	63.5	57.6	50.7	44	39.4	32.5	26.3	38
40				60.5	60.5	60.5	59.3	55.3	49.1	42.8	38.5	31.9	25.8	40
45				52.2	52.2	51.8	50.8	49.4	45.2	40	36.5	30.7	24.7	45
50				45.5	45.4	45	44	43.6	40.8	37.1	34.4	29.6	23.7	50
55					39.8	39.3	38.4	38.6	36.8	34.4	32.2	28.3	22.8	55
60					35.1	34.6	34.1	34.5	33.2	31.7	30	26.8	21.9	60
65					31.3	30.7	31.4	30.6	29.6	28.7	28	25.3	20.9	65
70						27.5	28.4	27.4	26.4	26.1	25.8	23.9	20	70
75						24.9	25.6	24.8	24.1	23.8	23.3	22.6	19.1	75
80							23.1	22.6	22.5	21.7	21.1	21.2	18.2	80
85							21	20.6	20.3	20	19.7	19.3	17.3	85
90							19.3	19.3	18.4	18.4	18.2	17.4	16.4	90
95								17.8	17	16.9	16.6	15.8	15.4	95
100									15.9	15.5	15.1	14.3	14.2	100
105									14.8	14.2	13.8	13	13	105
110									13.7	13.2	12.8	12.1	12	110
115										12.2	11.9	11.2	11.1	115
120										11.4	11.1	10.4	10.3	120
125											10.3	9.6	9.6	125
130											9.6	8.9	8.9	130
135											9	8.3	8.3	135
140												7.7	7.6	140
145												7.2	7	145
150												6.6	6.4	150
155													6	155

* over rear / en arrière

TAB 171269 / 171271



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

38 ft - 171 ft

57300 lbs

85%

	38 ft		50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	
ft	*													ft
9	219	183												9
10	206	183												10
11	193	183												11
12	181	180	165	156										12
13	170	175	166	156	149									13
14	161	166	157	150	143	125								14
15	152	157	149	143	137	124								15
16	143	150	143	138	133	121	102							16
17	135	143	138	133	128	118	100							17
18	128	136	133	128	123	116	98.5	79.5	68					18
20	115	123	123	119	114	112	94.5	79	67.5					20
22	105	111	112	110	107	105	91.5	76.5	65.5	54.1				22
24	95	100	102	101	99.5	97.5	88	74	63.5	53.4				24
26	86.5	91.5	92.5	91.5	92.5	89.5	84	71	61.5	52	45.7			26
28	79.5	83.5	85	84	85.5	82	77.5	69	59.5	50.6	44.6	35.1		28
30			77.5	77	78.5	75	71	66	57.6	49.2	43.4	34.9		30
32			71.5	72.5	72.5	69.5	65.5	62	55.7	47.8	42.3	34.2	27.7	32
34			66.5	68	67.5	64.5	61	58.5	53.4	46.4	41.3	33.6	27.4	34
36			62	63.5	63	60	57.2	55.1	50.7	45.2	40.4	33	26.9	36
38			57.6	58.8	58.4	56	53.3	51.7	48	44	39.4	32.5	26.3	38
40				54.7	54.4	52.2	49.9	48.6	45.4	42.5	38.5	31.9	25.8	40
45				46.5	46.4	44.9	43.6	42.4	40	38	36.5	30.7	24.7	45
50				40.3	40.2	39.2	38.8	37.2	35.1	34.4	33	29.6	23.7	50
55					35	34.4	34.7	32.8	31.2	30.8	29.8	28.1	22.8	55
60					30.7	30.4	30.8	29.2	28.4	27.5	27.1	26.2	21.9	60
65					27.3	26.9	27.5	26.7	25.8	25.4	24.8	23.4	20.9	65
70						24	24.6	24.4	23.3	23	22.4	21	20	70
75						21.5	22.1	22.2	21.3	21	20.3	19	18.6	75
80							20	20.2	19.6	19.1	18.4	17.1	16.8	80
85							18.8	18.2	18	17.2	16.7	15.4	15.2	85
90							17.3	16.6	16.3	15.6	15	13.9	13.7	90
95								15.1	14.8	14	13.5	12.5	12.4	95
100									13.5	12.7	12.2	11.3	11.2	100
105									12.3	11.6	11.1	10.2	10.1	105
110									11.4	10.7	10.2	9.3	9.2	110
115										9.9	9.3	8.4	8.3	115
120										9.1	8.6	7.7	7.5	120
125											7.9	7	6.8	125
130											7.2	6.3	6.2	130
135											6.6	5.7	5.6	135
140												5.1	5.1	140
145												4.5	4.5	145
150												4	4	150
155													3.5	155

* over rear / en arrière



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

38 ft - 171 ft 33100 lbs 85%														
ft	38 ft		50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
	*													
9	202	183												9
10	200	182												10
11	187	174												11
12	175	166	150	142										12
13	163	156	151	142	135									13
14	153	148	146	141	133	113								14
15	144	139	139	138	129	113								15
16	135	131	131	131	123	110	92.5							16
17	128	123	123	123	116	106	91.5							17
18	121	116	117	116	109	101	89.5	72.5	61.5					18
20	107	102	104	102	95	92	85	72	61.5					20
22	96	91	92.5	89.5	86.5	82.5	76.5	68.5	59.5	49.2				22
24	85.5	81.5	83	80.5	78.5	74	69	64.5	57.3	48.6				24
26	75.5	72.5	74	74	70.5	66.5	62.5	59	54.8	47.2	41.6			26
28	67	65.5	67.5	68	64.5	61	57.2	54.8	51.4	46	40.6	31.9		28
30			61.5	61.5	58.7	55.6	52.6	50.9	47.9	44.3	39.4	31.7		30
32			55.2	56.3	54	51.3	49.4	47.3	44.2	41.4	38.4	31.1	25.2	32
34			50.2	51.6	50	47.6	46.4	44.2	41.3	38.9	36.8	30.5	24.9	34
36			46.1	47.4	46.4	44.4	43.5	41.5	38.9	36.8	34.7	30	24.4	36
38			41.9	43.2	42.9	41.2	40.5	38.7	36.5	34.6	32.7	29.5	24	38
40				39.4	39.6	38.3	37.8	36.2	34.3	32.7	30.9	28.8	23.5	40
45				32.6	33.1	32.5	32.3	30.9	30	29	27.7	25.8	22.5	45
50				27.5	28.3	27.4	27.9	27.3	26.5	25.4	24.3	22.6	21.1	50
55					24.4	23.4	24.4	24.2	23.4	22.2	21.2	19.6	19.1	55
60					21.1	20.4	21.5	21.3	20.6	19.5	18.6	17.1	16.7	60
65					18.5	18.5	18.9	18.6	18.3	17.2	16.4	15	14.7	65
70						16.5	16.7	16.5	16.2	15.3	14.6	13.2	12.9	70
75						14.7	14.9	14.6	14.3	13.6	12.9	11.7	11.4	75
80							13.3	13	12.6	11.9	11.4	10.3	10	80
85							11.9	11.6	11.2	10.6	10.1	9.1	8.9	85
90							10.8	10.4	10.1	9.5	9	8	7.8	90
95								9.4	9.1	8.5	8	7.1	6.9	95
100									8.1	7.6	7.2	6.2	6	100
105									7.2	6.7	6.3	5.4	5.2	105
110									6.5	5.9	5.6	4.7	4.6	110
115										5.2	4.9	4.1	3.9	115
120										4.6	4.2	3.4	3.4	120
125											3.6	2.9	2.8	125
130											3.1	2.3	2.3	130
135											2.6			135

* over rear / en arrière

TAB 171160 / 171165



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

	38 ft - 171 ft		360°	25400 lbs	85%												
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft				
9	183												9				
10	182												10				
11	174												11				
12	165	150	142										12				
13	155	151	142	135									13				
14	145	144	139	130	113								14				
15	136	136	135	123	112								15				
16	127	128	126	114	105	92.5							16				
17	119	120	117	107	99.5	90							17				
18	112	113	109	101	94.5	86	72.5	61.5					18				
20	98.5	100	93	90.5	84	78	71.5	61.5					20				
22	87.5	88.5	84	80	75	70	65	58.9	49.2				22				
24	77.5	78.5	76	71.5	67	63	59.7	55.4	48.6				24				
26	68.5	70.5	68	64	60.5	56.8	55	51.1	47.2	41.6			26				
28	60.5	63	61.5	58.5	55.4	52.9	50.4	46.8	44.2	40.6	31.9		28				
30		56	56	53.2	50.6	49.3	46.1	43	41.0	39	31.7		30				
32		50.2	51.2	48.7	46.3	45.3	42.9	40.3	38.2	36.1	31.1	25.2	32				
34		45.5	46.9	45	42.8	42	40	37.8	35.9	33.9	30.2	24.9	34				
36		41.6	43	41.7	39.7	39.1	37.3	35.6	34.0	32.1	29.1	24.4	36				
38		37.7	39	38.4	36.6	36.2	34.5	33.4	32.0	30.4	28	24	38				
40			35.5	35.5	33.8	33.6	32.1	31.4	30.1	28.7	26.7	23.4	40				
45			29.1	30	28.6	29.1	28.2	27	25.7	24.5	22.7	21.7	45				
50			24.4	25.4	24.7	25.4	24.5	23.5	22.2	21.1	19.5	19	50				
55				21.6	21.5	22.1	21.4	20.4	19.2	18.3	16.8	16.4	55				
60				18.6	18.7	19	18.7	17.9	16.8	15.9	14.5	14.2	60				
65				16.2	16.3	16.6	16.3	15.8	14.8	14	12.6	12.3	65				
70					14.4	14.6	14.3	13.8	13.1	12.3	11	10.7	70				
75					12.8	12.9	12.5	12.1	11.5	10.8	9.6	9.4	75				
80						11.5	11.1	10.7	10.1	9.5	8.3	8.1	80				
85						10.2	9.9	9.5	8.9	8.4	7.2	7	85				
90						9.2	8.8	8.5	7.9	7.4	6.3	6.1	90				
95							7.8	7.5	7.0	6.5	5.4	5.2	95				
100								6.6	6.1	5.7	4.6	4.5	100				
105								5.9	5.3	4.9	3.9	3.8	105				
110								5.2	4.6	4.2	3.3	3.1	110				
115									4.0	3.6	2.7	2.6	115				
120									3.4	3			120				

TAB 171166



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

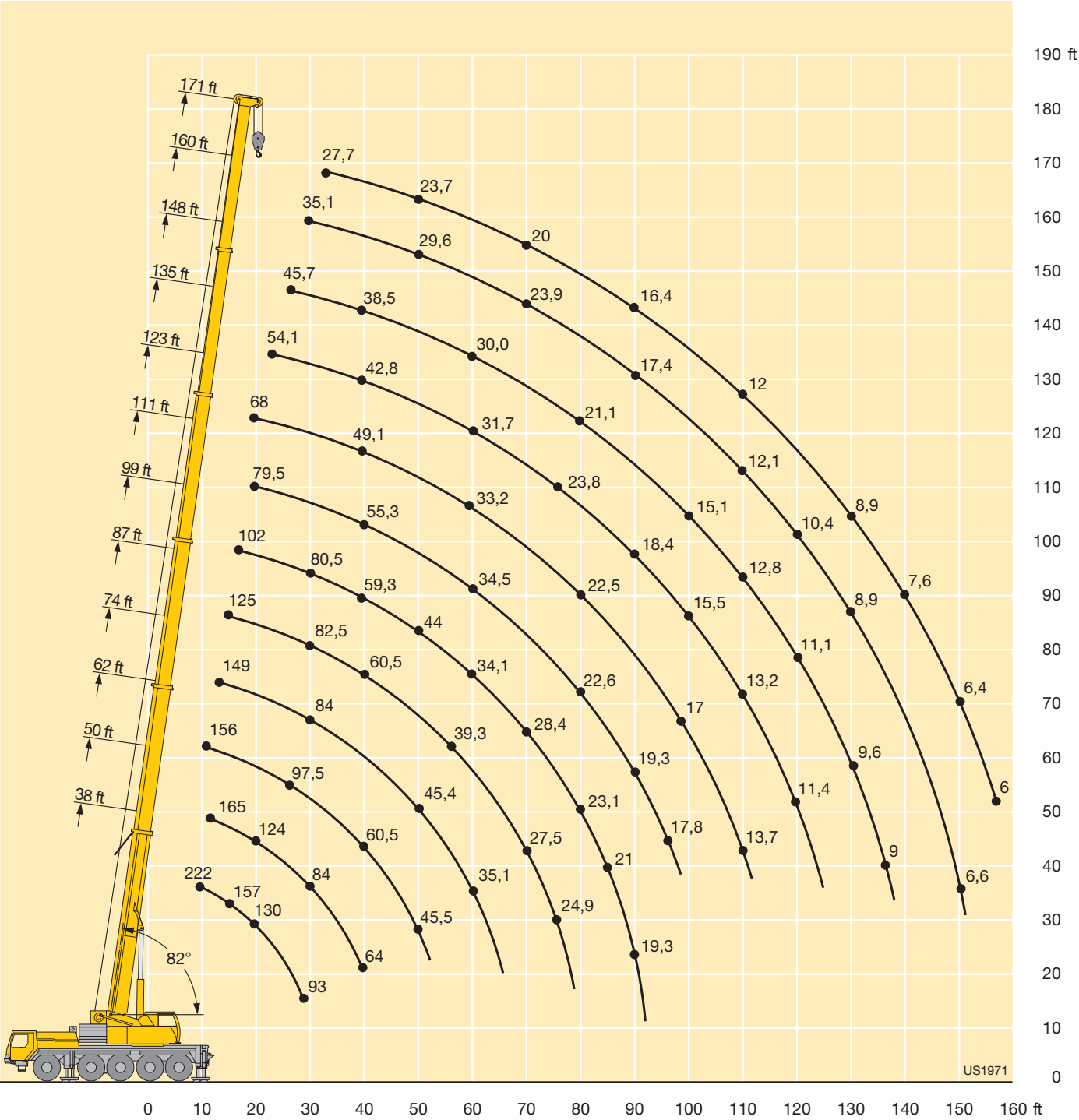
38 ft - 171 ft 85%													
ft	38 ft	50 ft	62 ft	74 ft	87 ft	99 ft	111 ft	123 ft	135 ft	148 ft	160 ft	171 ft	ft
9	183												9
10	181												10
11	170	150	141										11
12	158	147	136										12
13	146	139	125	109									13
14	135	126	113	103	89.0								14
15	124	113	103	96	87.5								15
16	113	103	95.5	88	81.0	70.5							16
17	103	94.5	89	81.5	75.0	68.5							17
18	94	87.5	82	75.5	69.5	64.5	53.3	49.1					18
20	77.5	74	69.5	64	59.2	56.4	52.4	48.3					20
22	66	63.5	60	56.9	51.8	49.7	46.5	43.3	38.8				22
24	55.9	54.5	52.2	50.4	45.6	44.4	41.7	39.1	37.0				24
26	47.4	47.4	45.9	44.6	40.5	40.5	38.1	35.8	33.5	31.0			26
28	40.8	42.1	41.1	40.1	37.4	36.8	34.7	32.6	30.5	28.7	24.3		28
30		37.3	36.7	36	34.6	33.3	31.4	29.6	27.7	26.1	23.8		30
32		33.2	33.2	32.7	31.5	30.4	28.8	27.2	25.4	23.9	21.8	20.2	32
34		29.8	30.2	30	29.0	28.0	26.5	25.0	23.4	22.0	20.0	19.3	34
36		26.9	27.7	27.7	26.8	25.9	24.6	23.2	21.7	20.4	18.5	17.8	36
38		23.9	25.1	25.4	24.6	23.9	22.6	21.3	19.9	18.7	16.9	16.3	38
40			22.8	23.3	22.6	22.0	20.8	19.7	18.3	17.2	15.5	15.0	40
45			18.2	19.2	18.8	18.4	17.4	16.4	15.2	14.2	12.7	12.3	45
50			14.9	15.9	15.8	15.5	14.7	13.8	12.7	11.9	10.4	10.1	50
55				13.2	13.3	13.2	12.4	11.6	10.7	9.9	8.5	8.2	55
60				11	11.1	11.2	10.5	9.8	8.9	8.2	6.9	6.7	60
65				9.3	9.4	9.5	9.0	8.3	7.5	6.8	5.5	5.3	65
70					8.0	8.2	7.7	7.1	6.2	5.6	4.4	4.2	70
75					6.8	7.0	6.6	6.0	5.1	4.5			75
80						5.9	5.6	5.0	4.2	3.5			80
85						5.0	4.6	4.2	3.3	2.7			85
90						4.2	3.8	3.4					90
95							3.1	2.8					95

TAB 171169

TAB 171169



Lifting heights
Hauteurs de levage



US1971

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

38 ft - 171 ft 35 ft 360° 77200 lbs 85%																			
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	38.6																		9
10	38.6																		10
11	38.6																		11
12	38.6																		12
13	38.6																		13
14	38.6																		14
15	38.6																		15
16	38.6																		16
17	38.3																		17
18	37.8																		18
20	36.6																		20
22	34.8	33.2																	22
24	32.9	32.8																	24
26	31	32		34.1															26
28	29.7	30.7		33.6			30.6												28
30	28.5	29.3		33.1			30.5												30
32	27.3	28	4.5	32.6			30.2			24.3									32
34	26.1	26.8	24	32.1			29.8			24.1									34
36	24.9	25.7	23.1	31.6			29.5			23.7									36
38	23.6	24.7	22.2	31.2	27.3		29.2			23.3			18.7			15.3			38
40	22.6	23.6	21.3	30.8	27.2		28.9			23			18.7			15.2			40
45	20.9	21	19.1	29.8	26.3		28.3	25.2		22.2	20.9		18			14.6			45
50	19.1	19.3	17.6	28.3	25.1	20.8	27.2	24.5	21.2	21.5	20.2		17.4	16.3		14	13.1		50
55	17.4			26.6	23.9	20.5	25.9	23.6	20.8	20.7	19.5	18.1	16.7	15.9	15	13.4	12.8	12.3	55
60				25	22.8	20	24.4	22.6	20	19.8	18.7	18	16	15.3	14.9	12.8	12.4	12.2	60
65				23.4	21.7	19.3	23	21.7	19.3	19	17.9	17.3	15.4	14.7	14.4	12.3	11.9	11.7	65
70				21.9	20.7	18.6	21.8	20.9	18.7	18.3	17.2	16.7	14.8	14.2	13.9	11.9	11.4	11.3	70
75				20.5	19.8	18	20.6	20	18.1	17.6	16.5	16.1	14.2	13.6	13.4	11.4	11	10.8	75
80				19.1	18.9	17.2	19.3	19.2	17.6	16.9	15.9	15.5	13.7	13.2	13	11	10.6	10.5	80
85				17.7	17.7	16.4	18	18.2	17.1	16.2	15.3	14.9	13.2	12.7	12.6	10.6	10.2	10.1	85

TAB 171273 / 171275 / 171277



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

38 ft - 171 ft 62 ft 77200 lbs 85%																			
ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	18.5																		14
15	18.5																		15
16	18.5																		16
17	18.4																		17
18	18.3																		18
20	18																		20
22	17.8																		22
24	17.5																		24
26	17.3																		26
28	16.7																		28
30	16.1																		30
32	15.5	11.9		13.3															32
34	14.9	11.7		13.3															34
36	14.3	11.3		13.3															36
38	13.7	11		13.3			12.7			11.9			10.7						38
40	13.2	10.7		13.3			12.7			11.9			10.7						40
45	12.3	10		13.2			12.7			11.9			10.7			9			45
50	11.4	9.4	8.0	13.1	10.5		12.7			11.9			10.7			9			50
55	10.6	8.9	7.8	12.9	10.4		12.5	10.3		11.8			10.7			8.9			55
60	9.8	8.5	7.5	12.6	10		12.3	10.2		11.6			10.7			8.7			60
65	9.1	8.1	7.3	12.3	9.7		12.1	9.9		11.4	9.7		10.5	9.5		8.7			65
70	8.6	7.8	7.1	11.9	9.4	7.7	11.8	9.6	7.8	11.2	9.5		10.4	9.3		8.6	8.3		70
75	8.2	7.5	7.0	11.6	9.2	7.7	11.6	9.3	7.7	11.1	9.3	7.7	10.1	9.1		8.4	8.2		75
80	7.8	7.2	6.9	11.3	8.9	7.6	11.4	9.1	7.6	10.9	9.1	7.7	9.9	9		8.1	7.9		80
85	7.5	7	6.8	10.9	8.7	7.5	11.2	8.8	7.5	10.8	8.8	7.6	9.6	8.8	7.5	7.9	7.7	7.6	85
90	7.1			10.6	8.5	7.4	10.8	8.6	7.4	10.6	8.7	7.5	9.4	8.6	7.5	7.6	7.5	7.5	90
95				10.3	8.3	7.3	10.5	8.4	7.4	10.4	8.5	7.4	9.1	8.5	7.4	7.4	7.2	7.3	95
100				9.9	8.2	7.3	10.2	8.3	7.3	10.2	8.4	7.3	8.9	8.3	7.4	7.2	7	7	100
105				9.6	8.1	7.2	9.9	8.1	7.3	9.9	8.2	7.3	8.7	8.2	7.3	7	6.8	6.8	105
110				9.3	8	7.2	9.6	8	7.2	9.7	8.1	7.3	8.5	8.1	7.3	6.8	6.6	6.6	110
115				9.1	7.8	7.1	9.4	7.9	7.2	9.5	8	7.3	8.3	8	7.3	6.6	6.4	6.4	115
120				8.8	7.7	7	9.1	7.7	7.2	9.2	7.9	7.3	8.1	7.9	7.3	6.4	6.2	6.3	120
125				8.5	7.6	6.9	8.9	7.6	7.2	9	7.8	7.3	7.9	7.7	7.3	6.2	6.1	6.1	125
130				8.1	7.5	6.8	8.6	7.5	7.2	8.6	7.7	7.3	7.7	7.5	7.3	6	5.9	5.9	130
135				7.7	7.4	6.7	8.4	7.5	7.2	8.1	7.6	7.3	7.5	7.4	7.3	5.9	5.8	5.8	135
140				7.3	7.2	6.5	8.1	7.4	7.2	7.6	7.5	7.2	7.3	7.2	7.2	5.7	5.6	5.7	140
145				6.9	6.9	6.3	7.7	7.4	7.2	7.2	7.4	7.2	7.1	7	7.2	5.6	5.5	5.6	145
150				6.5	6.6	6.1	7.1	7.4	7.2	7	7	7.2	6.5	6.9	7	5.4	5.4	5.4	150
155				6.1	6.3	5.9	6.7	7.1	7.1	6.7	6.8	7	6	6.6	6.9	5.3	5.2	5.3	155
160				5.7	6	5.7	6.5	6.7	6.9	6.3	6.6	6.8	5.5	6.2	6.5	5.1	5.1	5.2	160
165				5.3	5.7		6.3	6.3	6.5	5.9	6.4	6.6	5	5.8	6	4.8	5	5.1	165
170				4.9	5.4		6	6.2	6.4	5.4	5.9	6.1	4.6	5.3	5.5	4.4	4.9	5.1	170
175							5.6	5.9	5.9	5	5.5	5.6	4.2	4.8	5	4	4.6	4.8	175
180							5.3	5.5		4.6	5.1	5.2	3.8	4.3	4.6	3.6	4.2	4.5	180
185										4.2	4.6	4.6	3.4	3.9	4.1	3.2	3.8	4	185
190										3.9	4.1	4.1	3	3.4	3.6	2.8	3.4	3.6	190
195										3.5				2.7	3	3.1	2.5	3	195
200														2.3	2.6	2.6	2.2	2.6	200
205														2				2.2	205

TAB 171273 / 171275 / 171277



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

 ft		38 ft - 171 ft			35 ft						 360°			 57300 lbs			85%			ft 	
		38 ft			123 ft			135 ft			148 ft			160 ft			171 ft				
		35 ft			35 ft			35 ft			35 ft			35 ft			35 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
9	38.6																			9	
10	38.6																			10	
11	38.6																			11	
12	38.6																			12	
13	38.6																			13	
14	38.6																			14	
15	38.6																			15	
16	38.6																			16	
17	38.3																			17	
18	37.8																			18	
20	36.6																			20	
22	34.8	33.2																		22	
24	32.9	32.8																		24	
26	31	32			34.1															26	
28	29.7	30.7			33.6			30.6												28	
30	28.5	29.3			33.1			30.5												30	
32	27.3	28	24.5		32.6			30.2			24.3									32	
34	26.1	26.8	24		32.1			29.8			24.1									34	
36	24.9	25.7	23.1		31.6			29.5			23.7									36	
38	23.6	24.7	22.2		31.2	27.3		29.2			23.3			18.7			15.3			38	
40	22.6	23.6	21.3		30.8	27.2		28.9			23			18.7			15.2			40	
45	20.9	21	19.1		29.8	26.3		28.3	25.2		22.2	20.9		18			14.6			45	
50	19.1	19.3	17.6		28.3	25.1	20.8	27.2	24.5	21.2	21.5	20.2		17.4	16.3		14	13.1		50	
55	17.4				26.6	23.9	20.5	25.9	23.6	20.8	20.7	19.5	18.1	16.7	15.9	15	13.4	12.8	12.3	55	
60					24.9	22.8	20	24.2	22.6	20	19.8	18.7	18	16	15.3	14.9	12.8	12.4	12.2	60	
65					23.2	21.7	19.3	21.8	21.7	19.3	19	17.9	17.3	15.4	14.7	14.4	12.3	11.9	11.7	65	
70					21	20.7	18.6	19.5	20.4	18.7	18.3	17.2	16.7	14.8	14.2	13.9	11.9	11.4	11.3	70	
75					18.9	19.6	18	18	18.7	18.1	17.1	16.5	16.1	14.2	13.6	13.4	11.4	11	10.8	75	
80					17	18.1	17.2	16.8	16.9	17.4	15.5	15.8	15.5	13.7	13.2	13	11	10.6	10.5	80	
85					15.4	16.4	16.4	15.2	15.5	16	13.9	15	14.9	13.2	12.7	12.6	10.6	10.2	10.1	85	
90					14	14.9	15.4	13.8	14.5	14.8	13.1	13.6	14.2	12.5	12.3	12.2	10.3	9.9	9.8	90	
95					12.7	13.5	14.1	12.7	13.4	13.8	12.3	12.4	13	11.5	11.9	11.8	9.9	9.5	9.4	95	
100					11.6	12.2	12.8	11.8	12.2	12.8	11.5	11.6	11.9	10.4	11.2	11.4	9.5	9.2	9.1	100	
105					10.9	11.1	11.5	11.3	11.1	11.6	10.5	11.2	11.2	9.4	10.2	10.8	9.1	8.9	8.9	105	
110					10.4	10.5	10.5	10.4	10.7	10.8	9.6	10.2	10.6	8.5	9.2	9.8	8.2	8.7	8.6	110	
115					10	10	10	9.5	10	10.1	8.8	9.4	9.8	7.7	8.3	8.9	7.4	8	8.3	115	
120					9.5	9.6	9.7	8.7	9.2	9.5	8	8.5	9	6.9	7.5	8	6.6	7.3	7.8	120	
125					8.7	9	9.2	8	8.4	8.7	7.3	7.8	8.2	6.2	6.8	7.2	5.9	6.6	7	125	
130					8.1	8.4	8.5	7.3	7.7	7.9	6.6	7.1	7.4	5.6	6.1	6.5	5.3	5.9	6.3	130	
135					7.5	7.7	7.8	6.7	7.1	7.2	6.1	6.5	6.7	5	5.5	5.8	4.7	5.3	5.6	135	
140					6.9	7.1	7.1	6.1	6.4	6.6	5.5	5.9	6.1	4.4	4.9	5.2	4.2	4.7	5	140	
145								5.5	5.8	5.9	4.9	5.3	5.5	3.9	4.3	4.6	3.7	4.1	4.4	145	
150								5	5.2	5.3	4.4	4.7	4.8	3.5	3.8	4.1	3.2	3.6	3.9	150	
155								4.5	4.7		3.9	4.2	4.3	3	3.3	3.5	2.8	3.2	3.4	155	
160											3.4	3.6	3.7	2.5	2.9	3	2.4	2.7	2.9	160	
165											3				2.4	2.5		2.3	2.5	165	
170											2.6				1.9	2		1.8	2	170	

TAB 171274 / 171276 / 171278

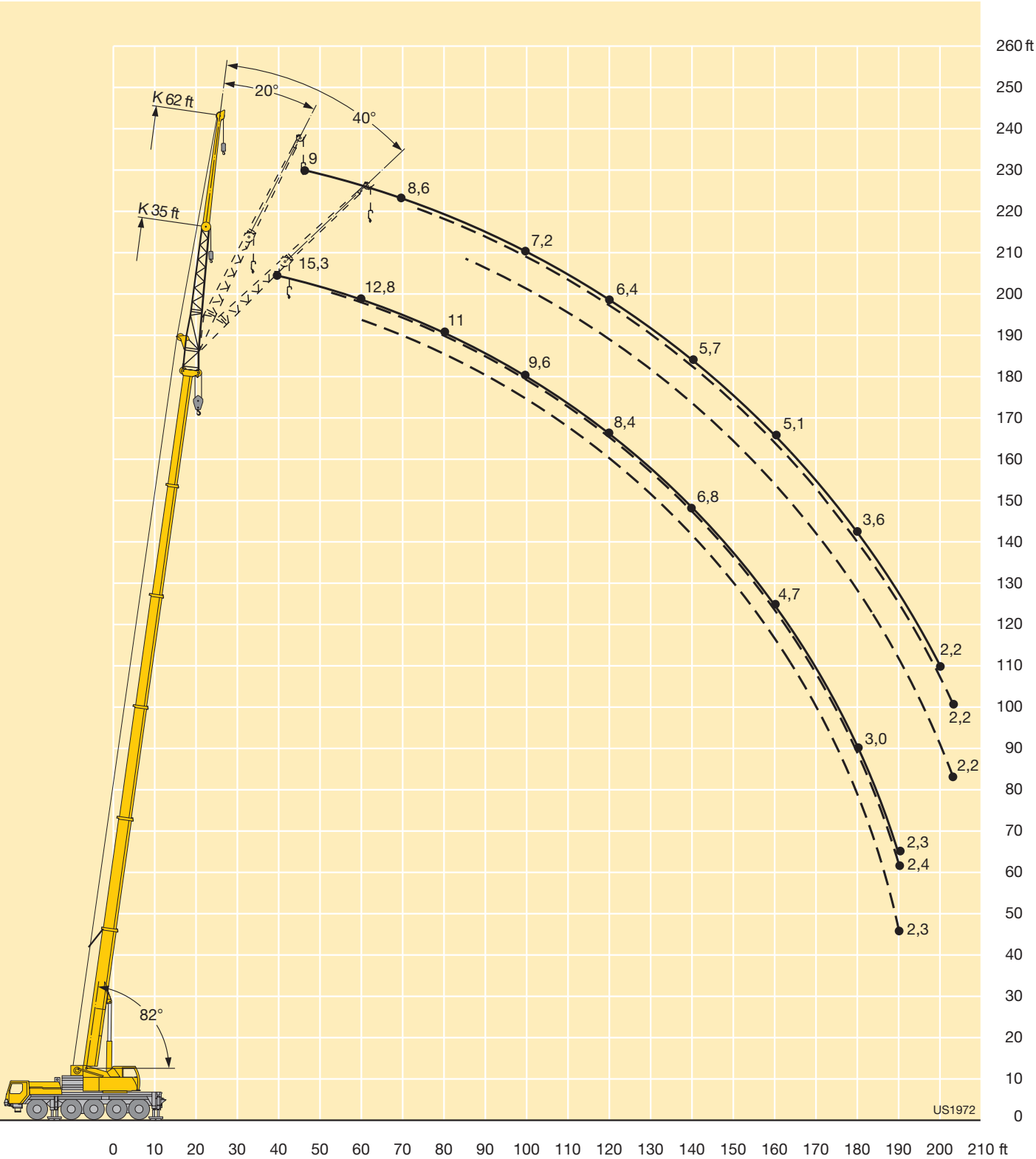


Lifting capacities on the folding jib
Forces de levage à la fléchette pliante

38 ft - 171 ft 62 ft 57300 lbs 85%																			
 ft	38 ft			123 ft			135 ft			148 ft			160 ft			171 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	18.5																		14
15	18.5																		15
16	18.5																		16
17	18.4																		17
18	18.3																		18
20	18																		20
22	17.8																		22
24	17.5																		24
26	17.3																		26
28	16.7																		28
30	16.1																		30
32	15.5	11.9		13.3															32
34	14.9	11.7		13.3															34
36	14.3	11.3		13.3															36
38	13.7	11		13.3			12.7			11.9			10.7						38
40	13.2	10.7		13.3			12.7			11.9			10.7						40
45	12.3	10		13.2			12.7			11.9			10.7			9			45
50	11.4	9.4	8	13.1	10.5		12.7			11.9			10.7			9			50
55	10.6	8.9	7.8	12.9	10.4		12.5	10.3		11.8			10.7			8.9			55
60	9.8	8.5	7.5	12.6	10		12.3	10.2		11.6			10.7			8.7			60
65	9.1	8.1	7.3	12.3	9.7		12.1	9.9		11.4	9.7		10.5	9.5		8.7			65
70	8.6	7.8	7.1	11.9	9.4	7.7	11.8	9.6	7.8	11.2	9.5		10.4	9.3		8.6	8.3		70
75	8.2	7.5	7	11.6	9.2	7.7	11.6	9.3	7.7	11.1	9.3	7.7	10.1	9.1		8.4	8.2		75
80	7.8	7.2	6.9	11.3	8.9	7.6	11.4	9.1	7.6	10.9	9.1	7.7	9.9	9		8.1	7.9		80
85	7.5	7	6.8	10.9	8.7	7.5	11.2	8.8	7.5	10.8	8.8	7.6	9.6	8.8	7.5	7.9	7.7	7.6	85
90	7.1			10.6	8.5	7.4	10.8	8.6	7.4	10.6	8.7	7.5	9.4	8.6	7.5	7.6	7.5	7.5	90
95				10.3	8.3	7.3	10.5	8.4	7.4	10.4	8.5	7.4	9.1	8.5	7.4	7.4	7.2	7.3	95
100				9.9	8.2	7.3	10.2	8.3	7.3	10.2	8.4	7.3	8.9	8.3	7.4	7.2	7	7	100
105				9.6	8.1	7.2	9.9	8.1	7.3	9.8	8.2	7.3	8.7	8.2	7.3	7	6.8	6.8	105
110				9.3	8	7.2	9.5	8	7.2	9	8.1	7.3	8.5	8.1	7.3	6.8	6.6	6.6	110
115				9.1	7.8	7.1	9.1	7.9	7.2	8.4	8	7.3	8	8	7.3	6.6	6.4	6.4	115
120				8.6	7.7	7	8.4	7.7	7.2	8.1	7.9	7.3	7.5	7.9	7.3	6.4	6.2	6.3	120
125				7.9	7.6	6.9	7.8	7.6	7.2	7.8	7.8	7.3	6.8	7.7	7.3	6.2	6.1	6.1	125
130				7.5	7.5	6.8	7.6	7.5	7.2	7.2	7.6	7.3	6.1	7.2	7.3	5.8	5.9	5.9	130
135				7.2	7.2	6.7	7.2	7.3	7.2	6.6	7.3	7.3	5.5	6.6	7.1	5.3	5.8	5.8	135
140				7	6.9	6.5	6.7	7.1	7.2	6	6.8	7.1	5	5.9	6.7	4.7	5.5	5.7	140
145				6.8	6.7	6.3	6.2	6.8	7	5.5	6.2	6.8	4.5	5.4	6	4.2	5.1	5.5	145
150				6.4	6.6	6.1	5.7	6.3	6.6	5	5.7	6.2	4	4.8	5.4	3.8	4.6	5.2	150
155				5.9	6.3	5.9	5.2	5.8	6.1	4.6	5.2	5.6	3.6	4.3	4.9	3.3	4.1	4.7	155
160				5.5	5.8	5.7	4.7	5.3	5.5	4.1	4.7	5.1	3.2	3.9	4.4	2.9	3.7	4.2	160
165				5	5.3		4.3	4.8	5	3.7	4.3	4.6	2.8	3.4	3.9	2.5	3.2	3.7	165
170				4.6	4.8		3.9	4.3	4.4	3.3	3.8	4.1	2.4	3	3.4	2.1	2.8	3.3	170
175							3.5	3.8	3.9	2.9	3.3	3.6	2	2.6	3	1.8	2.4	2.8	175
180							3.1	3.4		2.5	2.9	3.1		2.2	2.5		2.1	2.4	180
185										2.2	2.5	2.6							185
190										1.8	2.1	2.1							190

TAB 171274 / 171276 / 171278

Lifting heights
Hauteurs de levage



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

38 ft - 171 ft 23 ft 35 ft  360° 77200 lbs 85%																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	14.6															13
14	14.4															14
15	14.2															15
16	13.9															16
17	13.7															17
18	13.5															18
20	13															20
22	12.6	12.9														22
24	12.2	12.7														24
26	11.9	12.3														26
28	11.5	11.9														28
30	11.1	11.5														30
32	10.8	11.1	11.3	14.6												32
34	10.4	10.7	11.1	14.4												34
36	10.1	10.4	10.8	14.2												36
38	9.8	10.1	10.4	13.9			13.2			12.4						38
40	9.5	9.8	10.1	13.7			13.1			12.3						40
45	8.8	9.1	9.4	13.1	12.5		12.6			11.9			9.9			45
50	8.2	8.5	8.7	12.6	12.1		12.2	11.6		11.4	11.1		9.6			50
55	7.6	7.9	8.1	12.2	11.6	10.9	11.8	11.3	10.7	11.1	10.9		9.2	8.8		55
60	7.1	7.4	7.6	11.7	11.1	10.8	11.4	10.9	10.6	10.8	10.5		8.9	8.8		60
65	6.7	6.9	7.2	11.2	10.7	10.4	10.9	10.5	10.2	10.5	10.2	9.9	8.6	8.4	8.4	65
70	6.4	6.5	6.7	10.8	10.3	10	10.6	10.2	9.9	10.2	9.9	9.6	8.3	8.1	8.2	70
75	6	6.1		10.4	9.9	9.7	10.2	9.8	9.5	9.9	9.6	9.3	8	7.9	7.9	75
80	5.6	5.8		10	9.6	9.3	9.8	9.5	9.2	9.6	9.3	9.1	7.7	7.6	7.6	80
85	5.1	5.3		9.6	9.2	9	9.5	9.2	9	9.2	9	8.8	7.5	7.3	7.3	85
90				9.3	8.9	8.7	9.2	8.9	8.7	9	8.7	8.6	7.2	7.1	7.1	90
95				8.9	8.6	8.4	8.9	8.6	8.4	8.7	8.5	8.3	6.9	6.8	6.8	95
100				8.6	8.3	8.2	8.6	8.3	8.2	8.4	8.2	8.1	6.7	6.6	6.6	100
105				8.3	8.1	8	8.3	8.1	8	8.2	8	7.9	6.5	6.4	6.4	105
110				8	7.9	7.8	8	7.9	7.8	7.9	7.8	7.7	6.3	6.1	6.2	110
115				7.7	7.6	7.6	7.8	7.6	7.6	7.7	7.6	7.5	6.1	5.9	6	115
120				7.5	7.4	7.4	7.6	7.4	7.4	7.5	7.4	7.3	5.9	5.7	5.8	120
125				7.2	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.2	5.7	5.6	5.6	125
130				7	6.9	7	7.1	7	7.1	7.1	7	7	5.5	5.4	5.4	130
135				6.8	6.7	6.8	6.9	6.8	6.9	6.9	6.8	6.9	5.3	5.2	5.3	135
140				6.6	6.5	6.6	6.7	6.6	6.7	6.7	6.7	6.7	5.2	5.1	5.2	140
145				6.4	6.4	6.4	6.6	6.5	6.5	6.3	6.5	6.6	5	5	5	145
150				6.3	6.2	6.2	6.4	6.3	6.4	5.8	6.2	6.4	4.9	4.8	4.9	150
155				6.1	6		6.1	6.2	6.2	5.3	5.7	5.9	4.7	4.7	4.7	155
160				5.9	5.9		5.6	5.9		4.8	5.2	5.4	4.5	4.6	4.6	160
165				5.7	5.7		5.2	5.5		4.3	4.7	4.9	4.1	4.5	4.5	165
170				5.3	5.5		4.7	5		3.9	4.2	4.4	3.7	4.1	4.3	170
175				4.9	5		4.3	4.5		3.4	3.8		3.3	3.6	3.8	175
180				4.5			3.8	4.1		3	3.3		2.8	3.2		180
185							3.4	3.6		2.6	2.9		2.4	2.7		185
190							3.1	3.2		2.2	2.5		2.1	2.3		190
195							2.7			1.9	2.1			2		195

TAB 171353 / 171355 / 171357

TAB 171353 / 171355 / 171357



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

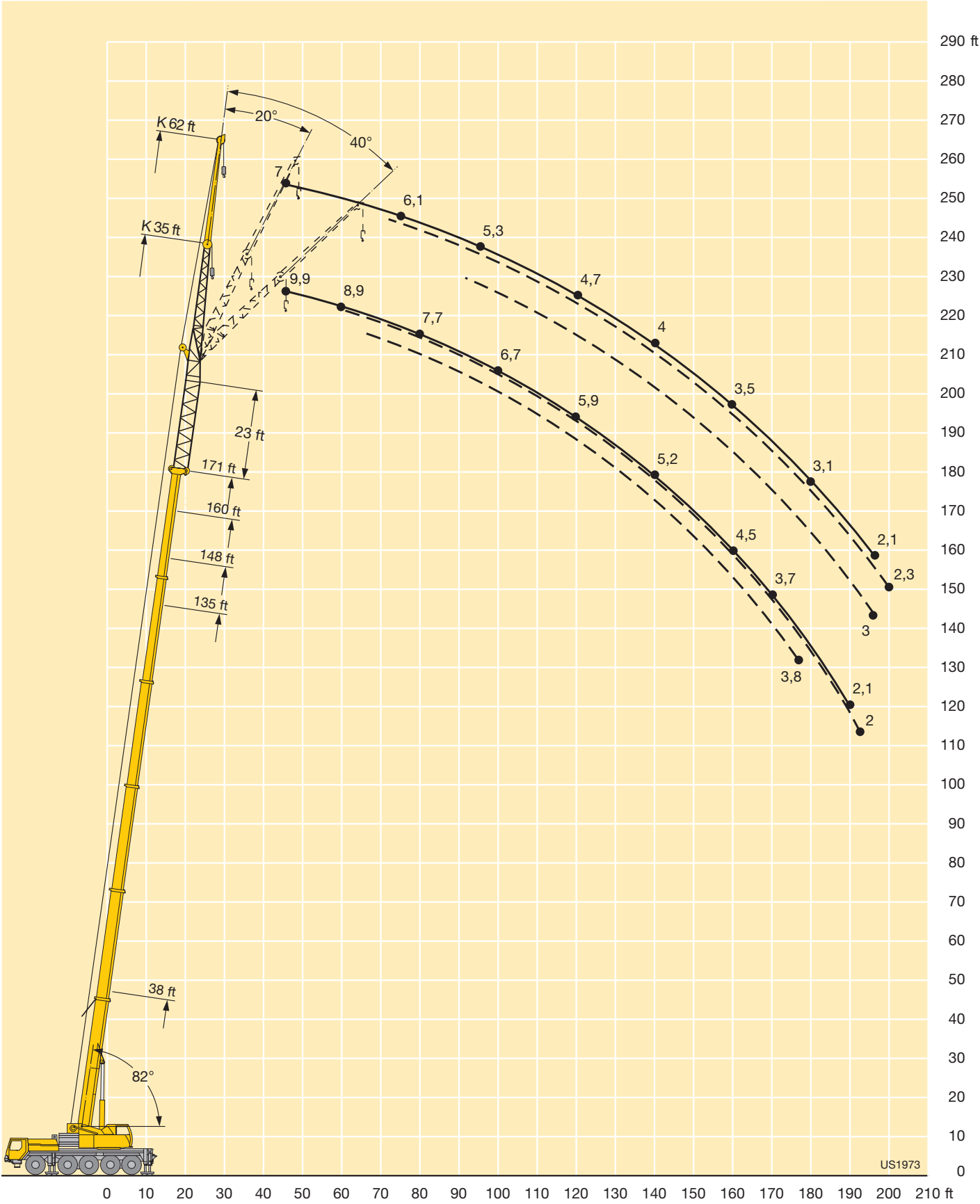
38 ft - 171 ft 23 ft 62 ft 85%																
	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	8.4															22
24	8.4															24
26	8.3															26
28	8.3															28
30	8.3															30
32	8.2															32
34	8.1															34
36	8															36
38	7.9	8.1		8.5			8.1									38
40	7.7	8		8.5			8.1									40
45	7.3	7.6		8.4			8			7.6			7			45
50	6.9	7.2		8.4			8			7.5			7			50
55	6.5	6.8		8.3			7.9			7.5			6.8			55
60	6.1	6.4	6.6	8.2			7.9			7.5			6.6			60
65	5.8	6	6.3	8.2	7.9		7.8	7.7		7.5			6.4			65
70	5.5	5.7	6	8	7.7		7.8	7.5		7.4	7.2		6.2	6.1		70
75	5.2	5.4	5.6	7.8	7.4	6.8	7.6	7.3		7.3	7.1		6.1	6		75
80	5	5.1	5.3	7.5	7.2	6.8	7.4	7.1		7.1	6.9		5.9	5.8		80
85	4.7	4.8	5.1	7.3	7	6.7	7.1	6.9	6.6	6.9	6.7	6.5	5.7	5.6		85
90	4.6	4.6	4.8	7	6.7	6.6	6.9	6.6	6.5	6.7	6.5	6.4	5.5	5.5	5.4	90
95	4.4	4.5	4.7	6.8	6.5	6.4	6.7	6.4	6.3	6.6	6.3	6.2	5.3	5.3	5.4	95
100	4.2	4.4		6.6	6.3	6.2	6.5	6.3	6.1	6.4	6.1	6	5.1	5.1	5.2	100
105	4	4.2		6.4	6.1	6	6.4	6.1	6	6.2	6	5.9	4.9	4.9	5.1	105
110	3.7	4		6.2	5.9	5.8	6.2	5.9	5.8	6.1	5.8	5.7	4.8	4.8	4.9	110
115				6	5.7	5.7	6	5.7	5.7	5.9	5.7	5.6	4.7	4.6	4.8	115
120				5.8	5.6	5.5	5.8	5.6	5.5	5.8	5.5	5.5	4.5	4.5	4.6	120
125				5.7	5.4	5.4	5.7	5.4	5.4	5.6	5.4	5.3	4.4	4.3	4.4	125
130				5.5	5.3	5.3	5.5	5.3	5.3	5.5	5.2	5.2	4.2	4.2	4.3	130
135				5.3	5.2	5.1	5.4	5.2	5.1	5.4	5.1	5.1	4.1	4.1	4.2	135
140				5.2	5	5	5.3	5	5	5.2	5	5	4	4	4.1	140
145				5	4.9	4.9	5.1	4.9	4.9	5.1	4.9	4.9	3.9	3.9	3.9	145
150				4.9	4.7	4.8	5	4.8	4.8	5	4.8	4.8	3.8	3.7	3.9	150
155				4.8	4.6	4.7	4.8	4.7	4.7	4.9	4.7	4.7	3.6	3.6	3.7	155
160				4.7	4.6	4.6	4.7	4.6	4.6	4.8	4.6	4.6	3.5	3.5	3.6	160
165				4.6	4.5	4.6	4.7	4.5	4.6	4.6	4.5	4.6	3.4	3.5	3.6	165
170				4.5	4.4	4.5	4.6	4.4	4.5	4.2	4.4	4.5	3.3	3.4	3.5	170
175				4.4	4.4		4.5	4.4	4.5	3.8	4.3	4.4	3.2	3.3	3.4	175
180				4.3	4.3		4.2	4.3	4.4	3.4	4.1	4.3	3.1	3.2	3.3	180
185				4.1	4.2		3.9	4.2		3.1	3.7	4	2.8	3.1	3.2	185
190				4	4.1		3.5	4		2.7	3.3	3.6	2.4	3	3.2	190
195				3.7	4		3.1	3.6		2.3	2.9		2.1	2.7	3	195
200				3.4			2.8	3.2		2	2.5			2.3		200
205				3.1			2.5	2.8			2.1					205
210							2.2									210
215							1.9									215

TAB 171353 / 171355 / 171357

TAB 171353 / 171355 / 171357



Lifting heights
Hauteurs de levage





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

 85%																
 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	10.1															18
20	10															20
22	9.7															22
24	9.4															24
26	9.1															26
28	8.9	9.1														28
30	8.6	9.1														30
32	8.4	8.8														32
34	8.2	8.5														34
36	8	8.3														36
38	7.8	8.1	8.2	10.2												38
40	7.5	7.8	8.1	10.2												40
45	7	7.3	7.6	9.7			9.4			8.1						45
50	6.6	6.8	7	9.3	9		9			8.1			6.3			50
55	6.1	6.3	6.5	8.9	8.8		8.7	8.3		8.1	7.9		6.3	6.3		55
60	5.7	5.9	6.1	8.6	8.4		8.3	8.2		8	7.8		6.3	6.3		60
65	5.4	5.5	5.7	8.3	8.1	8	8	7.9	7.8	7.8	7.6		6.3	6.3		65
70	5	5.2	5.3	8	7.8	7.7	7.8	7.6	7.5	7.5	7.3	7.2	6.1	6.1	6.1	70
75	4.8	4.9	5	7.7	7.5	7.4	7.5	7.4	7.3	7.3	7.1	7	5.9	5.9	6	75
80	4.6	4.6	4.7	7.4	7.2	7.1	7.3	7.1	7	7.1	6.8	6.8	5.7	5.7	5.7	80
85	4.3	4.3	4.4	7.1	6.9	6.9	7	6.8	6.8	6.8	6.6	6.6	5.4	5.4	5.5	85
90	4.1	4.1	4.2	6.9	6.6	6.6	6.8	6.6	6.5	6.6	6.4	6.4	5.2	5.3	5.3	90
95	3.9	3.9		6.6	6.4	6.4	6.5	6.4	6.3	6.4	6.2	6.2	5	5.1	5.1	95
100	3.6	3.7		6.4	6.2	6.1	6.3	6.1	6.1	6.2	6	6	4.8	4.9	5	100
105				6.1	6	5.9	6.1	5.9	5.9	6	5.8	5.8	4.7	4.7	4.8	105
110				5.9	5.7	5.7	5.9	5.7	5.7	5.8	5.6	5.6	4.5	4.5	4.6	110
115				5.7	5.5	5.5	5.7	5.5	5.5	5.6	5.5	5.4	4.3	4.3	4.4	115
120				5.5	5.4	5.3	5.5	5.4	5.3	5.4	5.3	5.3	4.2	4.2	4.2	120
125				5.3	5.2	5.1	5.3	5.2	5.2	5.3	5.1	5.1	4	4	4.1	125
130				5.1	5	5	5.2	5.1	5	5.1	5	5	3.9	3.9	3.9	130
135				4.9	4.9	4.9	5	4.9	4.9	5	4.9	4.9	3.7	3.7	3.8	135
140				4.8	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.7	3.6	3.6	3.7	140
145				4.7	4.6	4.6	4.7	4.6	4.6	4.7	4.6	4.6	3.5	3.5	3.5	145
150				4.6	4.4	4.5	4.6	4.5	4.5	4.6	4.5	4.5	3.4	3.4	3.4	150
155				4.5	4.3	4.3	4.5	4.4	4.4	4.5	4.4	4.4	3.2	3.3	3.3	155
160				4.3	4.2		4.4	4.3	4.3	4.2	4.3	4.3	3.1	3.2	3.2	160
165				4.2	4.1		4.3	4.2		3.9	4.1	4.2	3	3.1	3.1	165
170				4.1	4		4.2	4.1		3.4	3.8	4.1	2.9	3	3	170
175				4	3.9		3.9	4		3	3.4	3.6	2.7	2.9	2.9	175
180				3.8	3.8		3.5	3.8		2.7	3		2.4	2.7	2.8	180
185				3.6	3.6		3.1	3.4		2.3	2.6			2.4		185
190				3.3	3.5		2.7	3		1.9	2.2			2		190
195				3			2.3	2.6			1.8					195
200				2.6			2	2.2								200

TAB 171405 / 171407 / 171409



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

38 ft - 171 ft

46 ft

62 ft

360°

77200 lbs

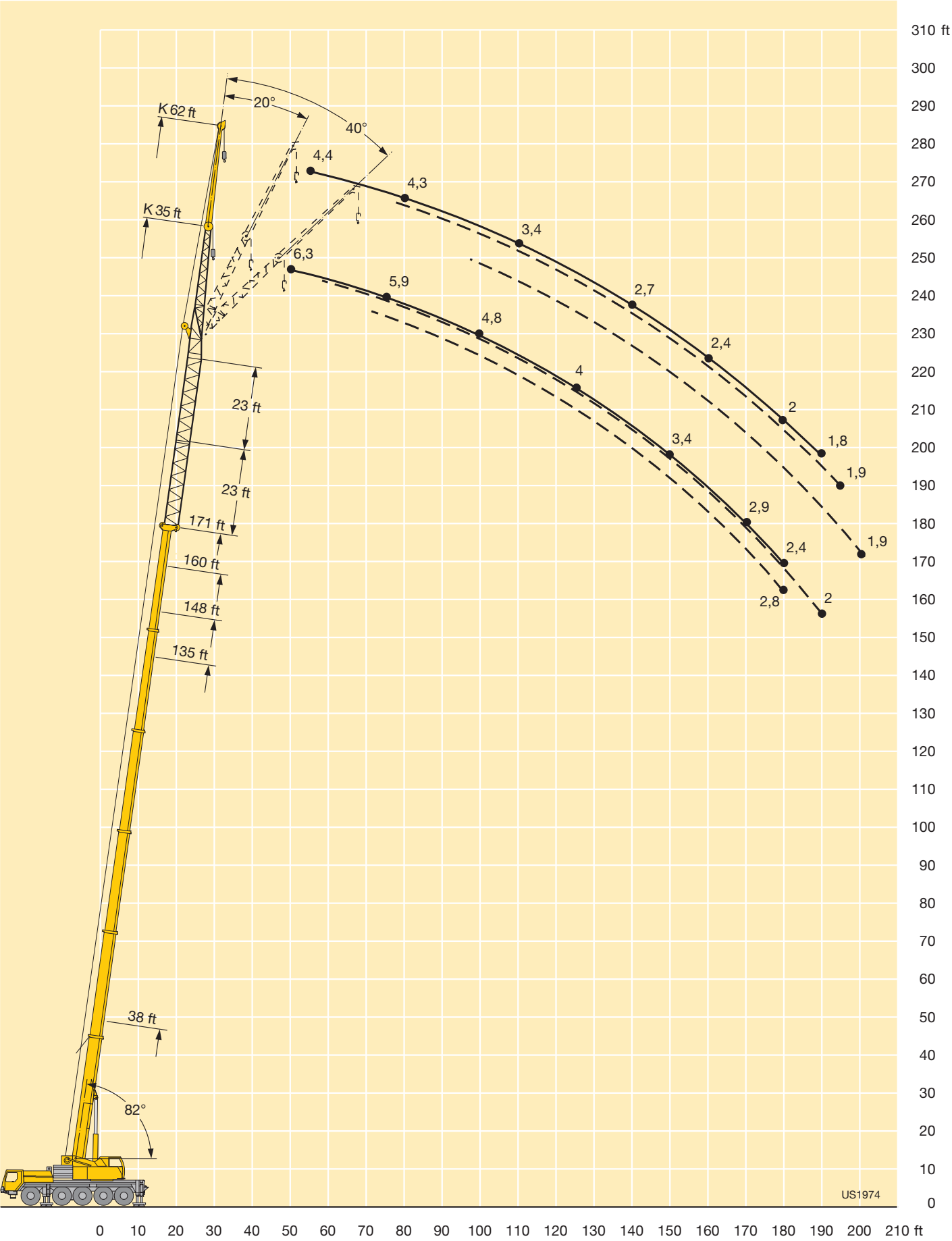
85%

 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	8.5															26
28	8.5															28
30	8.5															30
32	8.4															32
34	8.3															34
36	8.1															36
38	7.9															38
40	7.7															40
45	7.3			7												45
50	6.9	7.1		6.9			6.5			5.6						50
55	6.5	6.9	7	6.7			6.4			5.6			4.4			55
60	6.2	6.5	6.9	6.4			6.2			5.6			4.4			60
65	5.8	6.1	6.5	6.2			6			5.6			4.4			65
70	5.5	5.8	6.1	6	6		5.8			5.6			4.4			70
75	5.2	5.4	5.8	5.9	5.8		5.7	5.5		5.5	5.3		4.4	4.1		75
80	4.9	5.2	5.5	5.7	5.6		5.5	5.5		5.3	5.2		4.3	4.1		80
85	4.7	4.9	5.1	5.5	5.4	5.4	5.3	5.3		5.2	5.1		4.2	4.1		85
90	4.5	4.6	4.9	5.3	5.2	5.2	5.2	5.1	5	5	4.9	4.9	4	4		90
95	4.4	4.4	4.6	5.1	5	5	5	4.9	4.9	4.8	4.8	4.8	3.8	3.9	3.9	95
100	4.2	4.3	4.4	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.6	4.6	3.7	3.8	3.8	100
105	4	4.1	4.2	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.5	3.6	3.7	3.7	105
110	3.8	3.9	4	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.3	3.4	3.6	3.6	110
115	3.6	3.7	3.6	4.4	4.3	4.3	4.4	4.3	4.3	4.3	4.2	4.2	3.3	3.4	3.5	115
120	3.5	3.5		4.3	4.2	4.2	4.2	4.1	4.2	4.1	4.1	4.1	3.2	3.3	3.4	120
125	3.3	3.3		4.1	4	4.1	4.1	4	4	4	3.9	4	3.1	3.1	3.3	125
130	3	2.9		4	3.9	3.9	4	3.9	3.9	3.9	3.8	3.9	2.9	3	3.2	130
135				3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.7	3.8	2.8	2.9	3	135
140				3.7	3.6	3.7	3.7	3.6	3.7	3.7	3.6	3.6	2.7	2.8	2.9	140
145				3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	3.5	2.6	2.7	2.8	145
150				3.4	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.4	2.5	2.6	2.7	150
155				3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3	3.4	2.4	2.5	2.6	155
160				3.3	3.2	3.3	3.3	3.2	3.3	3.3	3.2	3.3	2.4	2.4	2.5	160
165				3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.1	3.2	2.3	2.3	2.4	165
170				3.1	3	3.1	3.1	3.1	3.1	3.1	3.1	3.1	2.2	2.2	2.4	170
175				3	2.9	3	3.1	3	3	3	3	3	2.1	2.2	2.3	175
180				2.9	2.9	2.9	3	2.9	3	2.8	2.9	3	2	2.1	2.2	180
185				2.8	2.8		2.9	2.8	2.9	2.5	2.8	2.9	1.9	2	2.1	185
190				2.8	2.7		2.9	2.7	2.8	2.2	2.7	2.8	1.8	1.9	2	190
195				2.7	2.6		2.7	2.7	2.7	1.8	2.4	2.7		1.9	2	195
200				2.6	2.6		2.4	2.6			2.1	2.5			1.9	200
205				2.5	2.5		2	2.5								205
210				2.3	2.4			2.2								210
215				2.1	2.3			1.8								215

TAB 171405 / 171407 / 171409

Lifting heights

Hauteurs de levage





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

     85%																			
 ft	38 ft + 23 ft			123 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	38.6																		9
10	38.6																		10
11	38.6																		11
12	38.6																		12
13	38.6																		13
14	38.6																		14
15	38.6																		15
16	38.6																		16
17	38.3																		17
18	37.8	34.6																	18
20	36.6	34.4																	20
22	34.8	33.6																	22
24	32.9	32.8																	24
26	31	32																	26
28	29.7	30.7	26.7	32.5															28
30	28.5	29.3	26.4	32.4															30
32	27.3	28	25	31.8			29.6			24									32
34	26.1	26.8	24	31.3			29.4			23.8									34
36	24.9	25.7	23.1	30.8			29			23.4									36
38	23.6	24.7	22.2	30.4	26.7		28.6			23.1			18.2			14.8			38
40	22.6	23.6	21.3	30	26.6		28.3			22.7			18.1			14.7			40
45	20.9	21	19.1	29	25.6		27.5	24.5		21.8	20.1		17.6			14.2			45
50	19.1	19.3	17.6	27.5	24.4	20.1	26.5	23.7	20.4	21	19.5		16.9	15.8		13.6	12.6		50
55	17.4	17.9	16.6	25.8	23.2	19.9	25.2	22.8	20	20.2	18.8	17.5	16.1	15.4	14.3	13	12.4	11.9	55
60		16.5		24.2	22.1	19.3	23.7	21.9	19.3	19.2	18	17.3	15.4	14.7	14.2	12.3	12	11.8	60
65		15.2		22.7	21	18.5	22.3	21	18.5	18.3	17.1	16.6	14.9	14.1	13.7	11.9	11.5	11.2	65
70				21.3	20.1	17.9	21.1	20.2	17.9	17.7	16.5	16	14.3	13.6	13.3	11.4	11.1	10.8	70
75				20	19.1	17.3	20	19.4	17.4	17.2	15.8	15.5	13.8	13.1	12.9	11	10.7	10.5	75
80				18.9	18.2	16.6	18.9	18.4	16.8	16.6	15.1	14.9	13.2	12.7	12.5	10.6	10.3	10.1	80
85				17.7	17.3	16	17.7	17.5	16.3	15.8	14.6	14.3	12.6	12.2	12.2	10.2	10	9.7	85
90				16.2	16.4	15.5	15.9	16.6	15.9	15.1	14.2	14	12.3	11.8	11.8	9.8	9.6	9.4	90
95				14.8	15.3	14.6	14.5	15.2	15.3	14.1	13.8	13.6	11.9	11.5	11.4	9.5	9.2	9.1	95
100				13.3	14.2	13.5	13.4	13.8	14.3	13	13.3	13.2	11.5	11.3	11.1	9.2	8.9	8.9	100
105				11.9	13.1	12.6	12.7	12.9	12.9	12	12.6	12.9	11.2	10.9	10.9	9	8.7	8.5	105
110				11.4	12.1	11.9	11.7	12.1	12.3	11	11.6	11.9	10.8	10.5	10.5	8.6	8.4	8.3	110
115				10.7	11.2	11.2	10.8	11.3	11.5	10.4	10.6	11	10.2	10.3	10.3	8.4	8.1	8.1	115
120				9.9	10.3	10.5	10	10.4	10.7	10	10	10.3	9.5	9.9	10	8.1	7.9	7.9	120
125				9.2	9.5	9.7	9.3	9.6	9.9	9.5	9.7	9.9	8.8	9.2	9.6	7.8	7.7	7.8	125
130				8.6	8.8	8.9	8.8	8.9	9.2	8.8	9.1	9.4	8.1	8.6	8.8	7.6	7.4	7.6	130
135				8.2	8.4	8.5	8.5	8.5	8.7	8.2	8.5	8.7	7.4	7.9	8.1	7.2	7.1	7.4	135
140				7.9	8.1	8.2	8.1	8.1	8.3	7.6	7.9	8	6.8	7.2	7.5	6.6	6.3	7.1	140
145							7.5	7.7	7.8	7	7.3	7.5	6.2	6.6	6.8	6	4.9	6.7	145
150							7.1	7.2	7.2	6.5	6.8	6.9	5.7	6	6.2	5.5	4.9	6.1	150
155							6.6	6.7		6	6.3	6.4	5.2	5.5	5.7	5	4.9	5.5	155
160										5.5	5.8	5.8	4.7	5	5.1	4.5	4.7	5	160
165										5			4.1	4.4	4.5	4	4.4	4.5	165
170										4.6			3.7	3.9	4	3.5	3.8	4	170
175													3.3	3.4	3.4	3.1	3.4	3.4	175
180													2.9			2.7	2.9	3	180
185																2.3	2.5	2.5	185
190																1.9	2.1	2	190

TAB 171490 / 171492 / 171494

TAB 171490 / 171492 / 171494



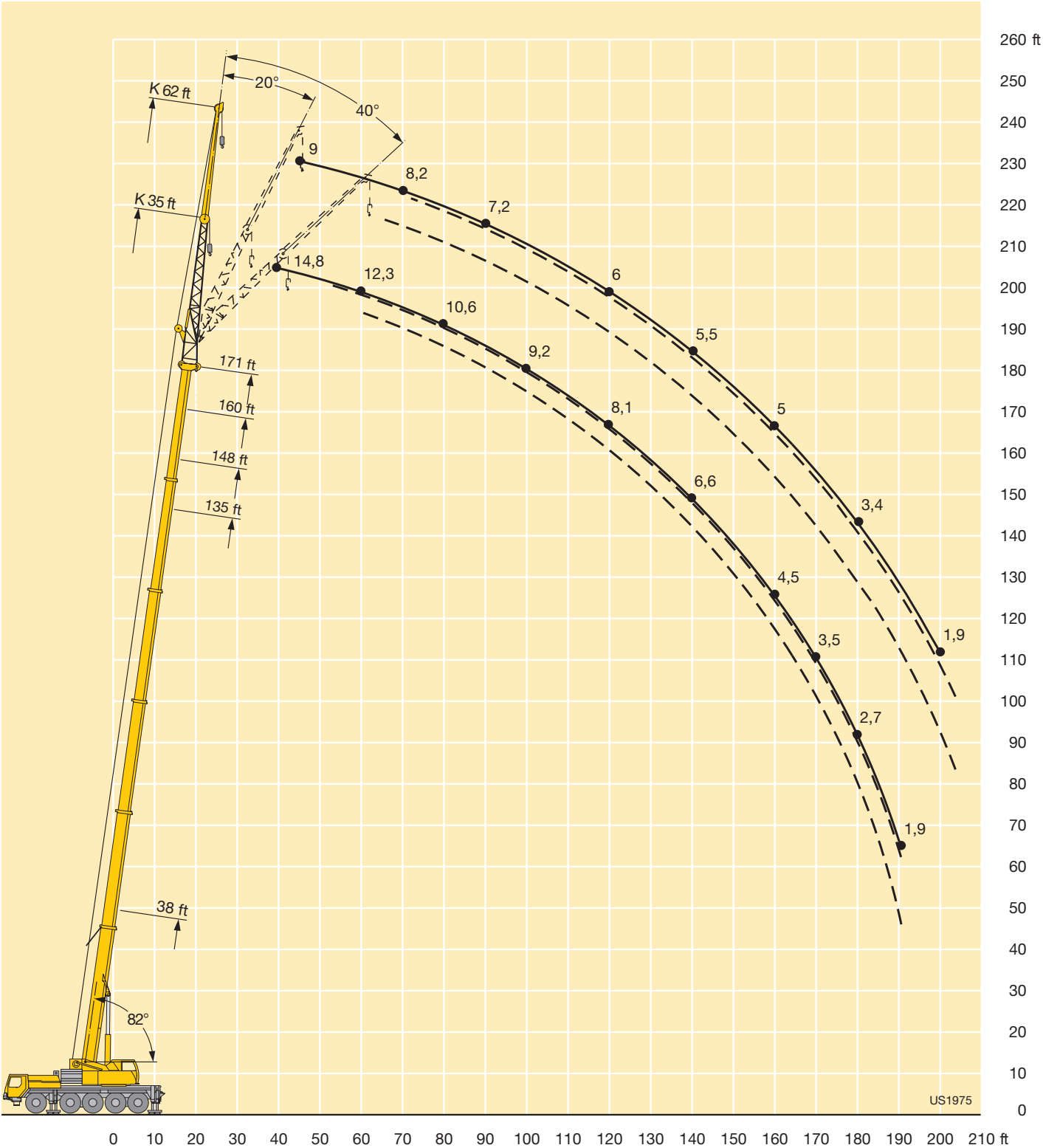
Lifting capacities on the hydraulically variable folding jib
Forces de levage à la fléchette pliante à variation hydraulique

		 38 ft - 171 ft		 62 ft				 360°		 77200 lbs		85%																			
 ft	38 ft + 23 ft			123 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft												
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft															
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°													
16	18.5																		16												
17	18.4																		17												
18	18.3																		18												
20	18																		20												
22	17.8																		22												
24	17.5																		24												
26	17.3																		26												
28	16.7																		28												
30	16.1																		30												
32	15.5																		32												
34	14.9																		34												
36	14.3																		36												
38	13.7	10.2			12.6			11.9			11.2								38												
40	13.2	10.1			12.6			11.9			11.2								40												
45	12.3	9.6			12.4			11.9			11.2			9.7			9		45												
50	11.4	9	7.5		12.4	9.7		11.7			11.2			9.7			9		50												
55	10.6	8.5	7.3		12.2	9.6		11.6	9.5		11.1			9.7			8.9		55												
60	9.8	8	7		11.8	9.4		11.6	9.4		10.9			9.7			8.7		60												
65	9.1	7.8	6.8		11.4	9		11.4	9.2		10.7	9		9.7	8.7		8.5		65												
70	8.6	7.6	6.6		11.2	8.7	7	11.1	8.9		10.5	8.8		9.5	8.6		8.2	7.8	70												
75	8.2	7.4	6.6	11	8.4	6.9		10.8	8.6	7	10.3	8.6	7	9.4	8.4		7.9	7.7	75												
80	7.8	7.2	6.5	10.6	8.2	6.8		10.6	8.4	7	10.1	8.4	7	9.2	8.2		7.7	7.5	80												
85	7.5	7	6.3	10.2	8	6.8		10.4	8	7	10	8	6.8	9	8	6.8	7.5	7.3	6.8	85											
90	7.1			9.8	7.8	6.6		10.1	7.8	6.8	9.8	8	6.8	8.6	7.8	6.8	7.2	7.1	6.8	90											
95				9.5	7.6	6.6		9.7	7.6	6.8	9.5	7.9	6.7	8.4	7.8	6.8	6.9	6.9	6.6	95											
100				9.2	7.5	6.6		9.4	7.5	6.7	9.2	7.7	6.6	8.2	7.7	6.7	6.7	6.7	6.3	100											
105				9	7.3	6.6		9.2	7.3	6.6	9.2	7.5	6.6	8	7.5	6.6	6.6	6.3	6.3	105											
110				8.6	7.3	6.6		8.8	7.3	6.6	9	7.3	6.6	7.8	7.3	6.6	6.4	6.1	6.1	110											
115				8.4	7.2	6.4		8.6	7.2	6.6	8.7	7.3	6.6	7.6	7.3	6.6	6.2	6.1	5.9	115											
120				8.1	7	6.3		8.4	7	6.6	8.4	7.2	6.6	7.5	7.2	6.6	6	6	5.8	120											
125				7.7	6.8	6.3		8	7	6.6	8	7	6.6	7.3	7	6.6	5.8	5.8	5.6	125											
130				7.4	6.8	6.3		8	6.8	6.6	8	7	6.6	7.1	6.8	6.6	5.6	5.6	5.4	130											
135				7.1	6.8	6.3		7.8	6.7	6.6	7.8	6.9	6.6	6.9	6.7	6.6	5.6	5.4	5.3	135											
140				7	6.7	6.3		7.6	6.6	6.6	7.3	6.7	6.6	6.8	6.6	6.6	5.5	5.3	5.3	140											
145				6.7	6.6	6.3		7.5	6.6	6.6	6.8	6.6	6.6	6.7	6.6	6.5	5.3	5.3	5.3	145											
150				6.2	6.6	6.1		7	6.6	6.6	6.6	6.6	6.6	6.3	6.6	6.3	5.1	5.1	5.1	150											
155				5.8	6.3	5.9		6.5	6.6	6.6	6.4	6.4	6.5	5.8	6.3	6.3	5.1	4.9	5.1	155											
160				5.4	6	5.7		6	6.4	6.4	6.1	6.3	6.4	5.3	6	6.2	5	4.9	5	160											
165				5.1	5.7			5.6	6.1	6.3	5.7	6.2	6.2	4.9	5.5	5.9	4.6	4.8	4.9	165											
170				4.9	5.4			5.6	6.1	6.3	5.2	5.7	5.9	4.4	5	5.3	4.2	4.8	4.9	170											
175								5.4	5.7	6.2	4.8	5.2	5.4	4	4.6	4.8	3.8	4.4	4.6	175											
180								5	5.3	5.7	4.4	4.8	4.9	3.6	4.1	4.4	3.4	4	4.3	180											
185											4	4.3	4.4	3.2	3.7	3.9	3	3.6	3.8	185											
190											3.6	3.9	3.8	2.8	3.2	3.4	2.6	3.1	3.4	190											
195											3.3			2.4	2.8	2.9	2.3	2.7	2.9	195											
200														2.1	2.4	2.4	1.9	2.3	2.4	200											

TAB 171490 / 171492 / 171494



Lifting heights
Hauteurs de levage





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

38 ft - 171 ft 23 ft 35 ft  360° 77200 lbs 85%																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	14.2															14
15	14.2															15
16	13.9															16
17	13.7															17
18	13.5															18
20	13															20
22	12.6															22
24	12.2															24
26	11.9	12.2														26
28	11.5	11.9														28
30	11.1	11.5														30
32	10.8	11.1	11.3													32
34	10.4	10.7	11.1													34
36	10.1	10.4	10.8													36
38	9.8	10.1	10.4	13.3			12.6									38
40	9.5	9.8	10.1	13.3			12.6									40
45	8.8	9.1	9.4	12.7	11.9		12.2			11.4			9.5			45
50	8.2	8.5	8.7	12.2	11.4		11.7	10.9		11	10.4		9.2	8.3		50
55	7.6	7.9	8.1	11.7	10.9	10.2	11.2	10.6	9.9	10.6	10.2	9.2	8.8	8.3		55
60	7.1	7.4	7.6	11.3	10.4	10.1	10.8	10.1	9.9	10.4	9.9	9.2	8.4	8.2		60
65	6.7	6.9	7.2	10.7	10	9.8	10.5	9.8	9.5	10	9.5	9.2	8.1	8	8	65
70	6.4	6.5	6.7	10.4	9.6	9.4	10.1	9.4	9.1	9.8	9.1	8.9	7.8	7.7	7.7	70
75	6	6.1	6.1	10	9.3	9	9.7	9	8.8	9.5	8.9	8.6	7.6	7.4	7.4	75
80		5.8	5.4	9.6	8.9	8.6	9.4	8.7	8.4	9.1	8.6	8.4	7.2	7.2	7.2	80
85		5.3	4.9	9.2	8.5	8.3	9	8.5	8.3	8.8	8.3	8	7	6.8	6.8	85
90				8.9	8.3	8.1	8.6	8.3	7.9	8.6	8.3	7.8	6.7	6.8	6.6	90
95				8.5	8.1	7.9	8.4	8.1	7.6	8.4	8	7.6	6.4	6.6	6.4	95
100				8.2	7.9	7.7	8.2	7.9	7.5	8.2	7.7	7.5	6.3	6.3	6.2	100
105				8	7.5	7.5	8	7.5	7.5	8	7.5	7.5	6.3	6.1	5.8	105
110				7.8	7.3	7.3	7.8	7.3	7.3	7.8	7.3	7.2	6.1	5.9	5.6	110
115				7.5	7.2	7.2	7.6	7.2	7.2	7.5	7.2	6.9	5.9	5.7	5.5	115
120				7.2	7	7	7.4	7	7	7.2	7	6.8	5.8	5.5	5.3	120
125				7	6.8	6.8	7	6.8	6.8	7	6.8	6.8	5.6	5.3	5.1	125
130				6.8	6.4	6.6	6.8	6.6	6.6	6.8	6.6	6.6	5.4	5.1	4.9	130
135				6.7	6.2	6.3	6.7	6.3	6.4	6.7	6.3	6.4	5.2	5	4.9	135
140				6.5	6	6	6.5	6.1	6.2	6.4	6.1	6.2	5	4.9	4.8	140
145				6.3	5.8	5.8	6.3	6	6	6.1	6	6	4.8	4.8	4.6	145
150				6.1	5.6	5.8	6.1	5.9	5.9	5.6	5.9	5.7	4.6	4.6	4.6	150
155				5.9	5.6	5.7	5.8	5.7	5.7	5	5.4	5.5	4.5	4.5	4.5	155
160				5.7	5.5	5.6	5.4	5.5	5.5	4.6	4.9	5.1	4.2	4.3	4.4	160
165				5.5	5.3	5.5	4.9	5.2	5.3	4.1	4.5	4.6	3.8	4.2	4.3	165
170				5	5.1	5.1	4.4	4.7	4.8	3.6	4	4.1	3.4	3.8	4	170
175				4.6	4.7	4.7	3.9	4.2	4.3	3.1	3.5	3.6	3	3.3	3.5	175
180					4.3		3.5	3.7	3.8	2.7	3	3.1	2.5	2.9	3.1	180
185							3.1	3.3	3.3	2.3	2.6	2.6	2.1	2.5	2.6	185
190							2.8	2.9	2.8	1.9	2.1	2.2	1.7	2	2.1	190
195								2.5								195

TAB 171592 / 171594 / 171596



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

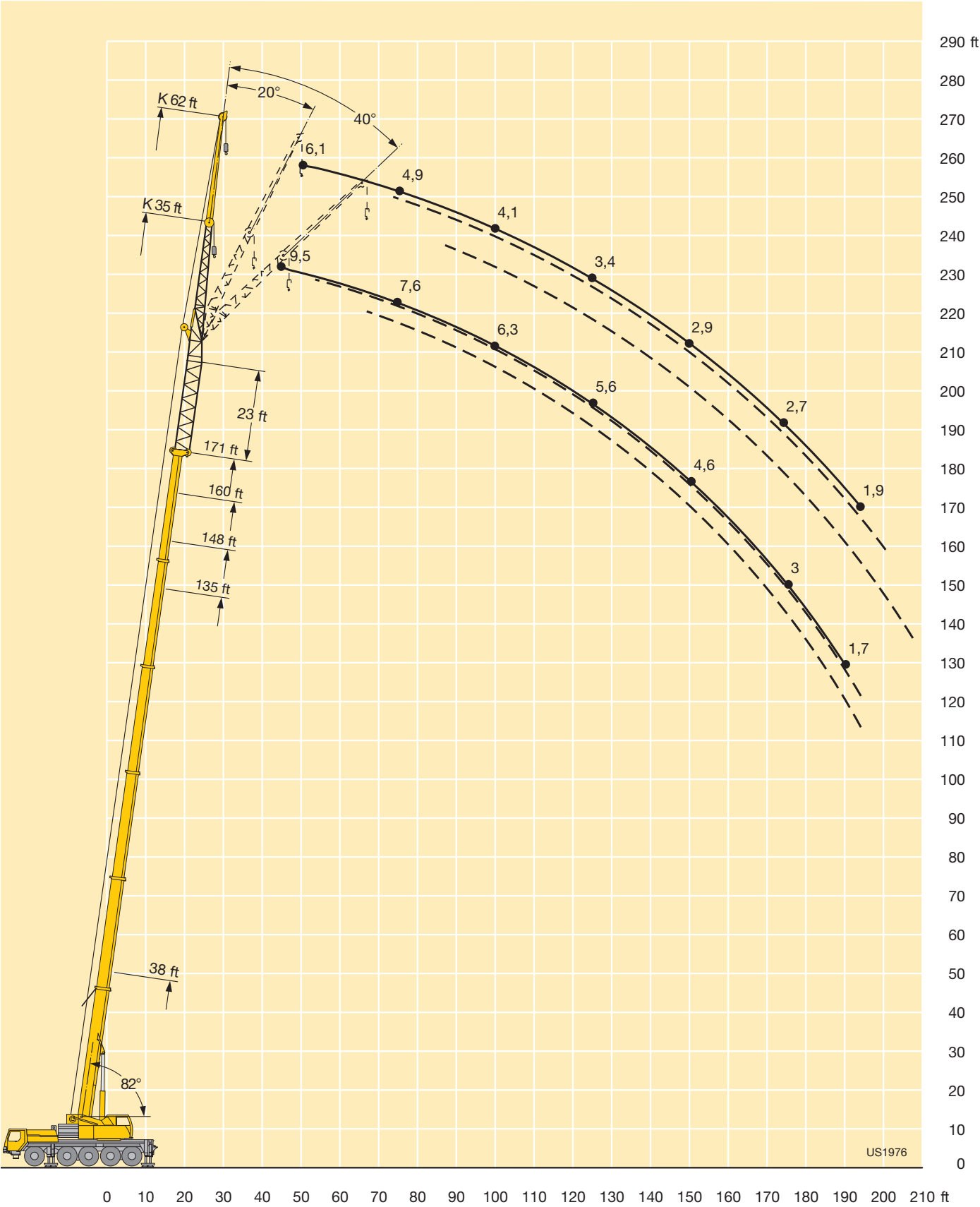
																
 ft	38 ft + 23 ft			135 ft + 23 ft			148 ft + 23 ft			160 ft + 23 ft			171 ft + 23 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	8.3															22
24	8.3															24
26	8.3															26
28	8.3															28
30	8.2															30
32	8.1															32
34	8															34
36	7.9															36
38	7.8	8.1														38
40	7.7	8														40
45	7.1	7.6		7.8			7.3			6.6						45
50	6.7	7.2		7.6			7.3			6.6			6.1			50
55	6.4	6.8		7.5			7.3			6.6			5.9			55
60	6	6.4	6.6	7.5			7.2			6.6			5.5			60
65	5.6	6	6.3	7.5	7.3		7.1	7		6.6	6.6		5.4			65
70	5.4	5.7	6	7.4	7		7	6.9		6.6	6.6		5	5.6		70
75	5.1	5.4	5.6	7.3	6.7	6.1	6.9	6.6	5.8	6.6	6.4		4.9	5.5		75
80	4.8	5.1	5.3	7.1	6.5	6.1	6.7	6.3	5.8	6.5	6.3		4.8	5.3		80
85	4.6	4.8	5.1	6.6	6.3	6.1	6.3	6.1	5.8	6.3	6.1	5.8	4.4	5.1	4.6	85
90	4.4	4.6	4.8	6.4	6	5.9	6.1	5.9	5.8	6.1	5.9	5.7	4.4	4.9	4.6	90
95	4.3	4.5	4.7	6.2	5.7	5.7	6	5.7	5.7	6	5.7	5.5	4.3	4.7	4.6	95
100	4.1	4.4	4.5	6	5.5	5.5	5.8	5.5	5.5	5.8	5.5	5.3	4.1	4.6	4.6	100
105	3.9	4.2		5.6	5.3	5.3	5.6	5.3	5.3	5.6	5.3	5.1	3.9	4.4	4.6	105
110	3.7	4		5.4	5.2	5.2	5.4	5.2	5.2	5.4	5.2	4.9	3.9	4.4	4.4	110
115				5.2	5	5	5.2	5	5	5.2	5	4.9	3.8	4.2	4.2	115
120				5	4.8	4.8	5.1	4.8	4.8	5.1	4.8	4.8	3.6	4.1	4.1	120
125				4.9	4.6	4.6	5.1	4.6	4.6	5.1	4.6	4.6	3.4	3.9	3.9	125
130				4.9	4.6	4.6	4.9	4.6	4.6	4.9	4.4	4.4	3.4	3.7	3.9	130
135				4.7	4.5	4.6	4.7	4.5	4.6	4.7	4.4	4.4	3.4	3.6	3.7	135
140				4.5	4.3	4.5	4.5	4.3	4.5	4.5	4.3	4.4	3.3	3.6	3.6	140
145				4.3	4.1	4.4	4.3	4.1	4.4	4.3	4.1	4.4	3.1	3.4	3.4	145
150				4.2	4.1	4.4	4.2	4.1	4.4	4.2	4.1	4.4	2.9	3.2	3.4	150
155				4.1	4.1	4.2	4.1	4.1	4.2	4.1	4	4.2	2.9	3.2	3.2	155
160				4	4.1	4.1	4	4.1	4.1	4	3.9	4.1	2.9	3.1	3.2	160
165				3.8	4.1	4.1	3.9	4.1	4.1	3.9	3.8	4.1	2.9	2.9	3.2	165
170				3.7	3.9	4.1	3.9	3.9	4.1	3.9	3.7	3.9	2.7	2.9	3.2	170
175				3.6	3.9	4	3.7	3.9	4	3.6	3.6	3.9	2.7	2.8	3.2	175
180				3.5	3.8	3.8	3.6	3.9	3.9	3.2	3.6	3.9	2.7	2.7	3.1	180
185				3.4	3.6	3.6	3.6	3.8	3.9	2.8	3.4	3.8	2.5	2.7	2.9	185
190				3.4	3.6	3.6	3.2	3.7	3.9	2.5	3	3.4	2.2	2.7	2.9	190
195				3.2	3.5	3.5	2.9	3.3	3.5	2.1	2.6	2.9	1.9	2.4	2.7	195
200				3.1	3.3	3.2	2.5	2.9	3		2.3	2.5		2.1	2.4	200
205				2.8	3		2.2	2.6	2.6							205
210								2.2								210
215								1.8								215

TAB 171592 / 171594 / 171596

TAB 171592 / 171594 / 171596

Lifting heights

Hauteurs de levage





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

38 ft - 171 ft 46 ft 35 ft  360° 77200 lbs 85%																
 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	35 ft			35 ft			35 ft			35 ft			35 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	10.1															18
20	10.0															20
22	9.7															22
24	9.4															24
26	9.1															26
28	8.9	9.1														28
30	8.6	9.1														30
32	8.4	8.8														32
34	8.2	8.5														34
36	8.0	8.3														36
38	7.8	8.1	8.2													38
40	7.5	7.8	8.1													40
45	7.0	7.3	7.6	9.2			9			7.5						45
50	6.6	6.8	7	8.8	8.3		8.5	7.5		7.5			5.8			50
55	6.1	6.3	6.5	8.4	8	7.3	8.2	7.5		7.5	7.3		5.8	5.8		55
60	5.7	5.9	6.1	8.2	7.5	7.3	7.9	7.5		7.5	7.2		5.8	5.8		60
65	5.4	5.5	5.7	7.8	7.3	7.3	7.6	7.1	7	7.3	6.8	6.6	5.8	5.8	5.6	65
70	5.0	5.2	5.3	7.4	7.1	7	7.4	6.9	6.9	7.1	6.6	6.6	5.7	5.7	5.6	70
75	4.8	4.9	5	7.2	6.8	6.7	7.1	6.7	6.6	6.8	6.3	6.3	5.5	5.5	5.5	75
80	4.6	4.6	4.7	6.9	6.5	6.5	6.7	6.5	6.3	6.5	6	6	5.2	5.2	5.3	80
85	4.3	4.3	4.4	6.6	6.1	6.1	6.6	6.1	6.1	6.3	5.8	5.8	4.9	4.9	5.1	85
90	4.1	4.1	4.2	6.4	5.9	5.9	6.4	5.9	5.9	6.1	5.7	5.7	4.7	4.7	4.9	90
95	3.9	3.9	3.9	6.2	5.8	5.7	6.1	5.8	5.6	6	5.5	5.5	4.5	4.5	4.7	95
100	3.6	3.7	3.6	6	5.8	5.5	5.8	5.7	5.3	5.8	5.3	5.3	4.3	4.3	4.6	100
105				5.6	5.6	5.3	5.6	5.3	5.3	5.6	5.3	5.3	4.1	4.1	4.4	105
110				5.4	5.2	5.2	5.4	5.2	5.2	5.4	5.2	5.2	3.9	3.9	4.2	110
115				5.2	5	5	5.2	5	5	5.2	5	5	3.8	3.8	4	115
120				5	4.8	4.8	5	4.9	4.8	5	4.8	4.8	3.6	3.6	3.8	120
125				4.8	4.6	4.6	4.8	4.8	4.6	4.8	4.6	4.6	3.6	3.6	3.6	125
130				4.7	4.6	4.4	4.7	4.7	4.6	4.7	4.6	4.4	3.4	3.4	3.4	130
135				4.6	4.5	4.4	4.6	4.5	4.5	4.6	4.5	4.4	3.4	3.3	3.3	135
140				4.5	4.3	4.3	4.6	4.3	4.3	4.5	4.3	4.3	3.3	3.2	3.2	140
145				4.4	4.1	4.1	4.6	4.1	4.1	4.4	4.1	4.1	3.2	3.1	3.1	145
150				4.4	3.9	3.9	4.4	3.9	3.9	4.4	4.1	4.1	3.2	2.9	2.9	150
155				4.2	3.9	3.9	4.2	3.9	3.7	4.2	4	4	3	2.8	2.9	155
160				4.1	3.8	3.9	4.1	3.8	3.6	3.9	3.8	3.8	2.9	2.7	2.9	160
165				4.1	3.6	3.8	4.1	3.6	3.6	3.6	3.6	3.6	2.9	2.6	2.9	165
170				3.9	3.6	3.7	3.9	3.6	3.6	3.1	3.5	3.6	2.7	2.5	2.7	170
175				3.9	3.5	3.5	3.6	3.5	3.6	2.7	3.1	3.3	2.4	2.4	2.7	175
180				3.7	3.3	3.4	3.2	3.3	3.5	2.4	2.7	2.9	2.1	2.3	2.5	180
185				3.3	3.1	3.4	2.8	3.1	3.2		2.3	2.5		2.1	2.3	185
190				3	2.9	3.2	2.4	2.7	2.8		1.9	2.1		1.7	1.9	190
195				2.6	2.7	2.8	2	2.3	2.3							195
200				2.3	2.4	2.4										200

TAB 171598 / 171600 / 171602



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

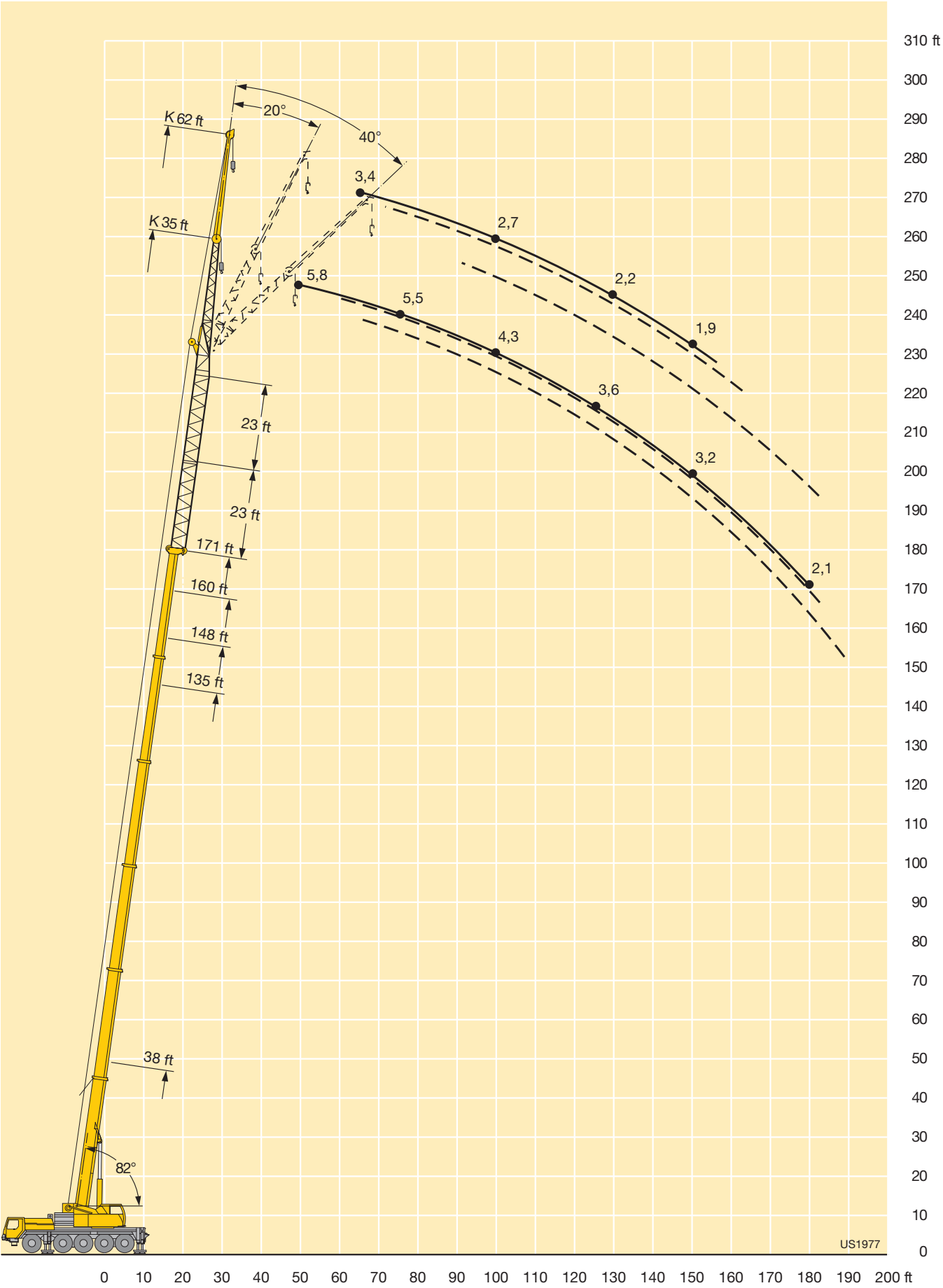
38 ft - 171 ft 46 ft 62 ft  360° 77200 lbs 85%																
 ft	38 ft + 46 ft			135 ft + 46 ft			148 ft + 46 ft			160 ft + 46 ft			171 ft + 46 ft			 ft
	62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
26	8.5															26
28	8.5															28
30	8.5															30
32	8.4															32
34	8.3															34
36	8.1															36
38	7.9															38
40	7.7															40
45	7.3	7		6.3												45
50	6.9	7		6.2			5.8			4.9						50
55	6.5	6.9	7	6			5.7			4.9			3.4			55
60	6.2	6.5	6.9	5.8			5.5			4.9			3.4			60
65	5.8	6.1	6.5	5.6	5.3		5.4			4.9			3.4			65
70	5.5	5.8	6.1	5.4	5.3		5.2	4.9		4.9	4.6		3.4	3.6		70
75	5.2	5.4	5.8	5.2	5.1		5	4.9		4.8	4.6		3.4	3.6		75
80	4.9	5.2	5.5	5.1	4.8		4.8	4.8		4.6	4.6		3.4	3.6		80
85	4.7	4.9	5.1	4.9	4.6	4.6	4.6	4.6	4.4	4.4	4.4	4.1	3.2	3.6		85
90	4.5	4.6	4.9	4.7	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.1	3	3.6	3.2	90
95	4.4	4.4	4.6	4.5	4.3	4.3	4.3	4.3	4.3	4.1	4	4	2.8	3.5	3.2	95
100	4.2	4.3	4.4	4.3	4.1	4.1	4.1	4.1	4.1	4.1	3.9	3.8	2.7	3.3	3.1	100
105	4	4.1	4.2	4.1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.6	2.7	3.2	2.9	105
110	3.8	3.9	4	3.9	3.7	3.7	3.9	3.7	3.7	3.7	3.7	3.6	2.7	3.2	2.9	110
115	3.6	3.7	3.6	3.8	3.5	3.6	3.8	3.5	3.5	3.5	3.6	3.5	2.5	3	2.9	115
120	3.5	3.5	3.3	3.6	3.4	3.6	3.6	3.4	3.4	3.4	3.6	3.3	2.4	2.8	2.9	120
125	3.3	3.3	2.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.2	2.4	2.7	2.9	125
130	3	2.9	2.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.2	2.2	2.5	2.7	130
135		2.8		3.2	3	3	3.2	3	3.2	3	3.1	3	2	2.4	2.5	135
140				3.1	2.9	2.9	3.1	2.9	3.1	2.9	2.9	2.9	1.9	2.3	2.4	140
145				2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.9	2.2	2.4	145
150				2.7	2.9	2.9	2.7	2.9	2.9	2.7	2.9	2.9	1.9	2.2	2.4	150
155				2.7	2.8	2.9	2.7	2.9	2.9	2.7	2.9	2.9	1.9	2	2.4	155
160				2.6	2.7	2.8	2.7	2.8	2.8	2.7	2.8	2.8	1.9	1.9	2.3	160
165				2.4	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.7	1.9	2.2	165
170				2.4	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.7	1.7	2.2	170
175				2.4	2.4	2.5	2.7	2.5	2.5	2.5	2.5	2.5	1.7	1.7	2	175
180				2.4	2.4	2.4	2.6	2.4	2.4	2.4	2.4	2.4	1.7		1.9	180
185				2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4			1.9	185
190				2.4	2.2	2.4	2.4	2.2	2.4	1.9	2.2	2.4			1.7	190
195				2.4	2.2	2.3	2.4	2.2	2.3		2.1	2.3			1.7	195
200				2.4	2.1	2.1	2.1	2.2	2.2			2.1			1.7	200
205				2.3	1.9	1.9		2.1	2.2							205
210				2.1	1.9											210
215				1.8	1.9											215

TAB 171598 / 171600 / 171602

TAB 171598 / 171600 / 171602



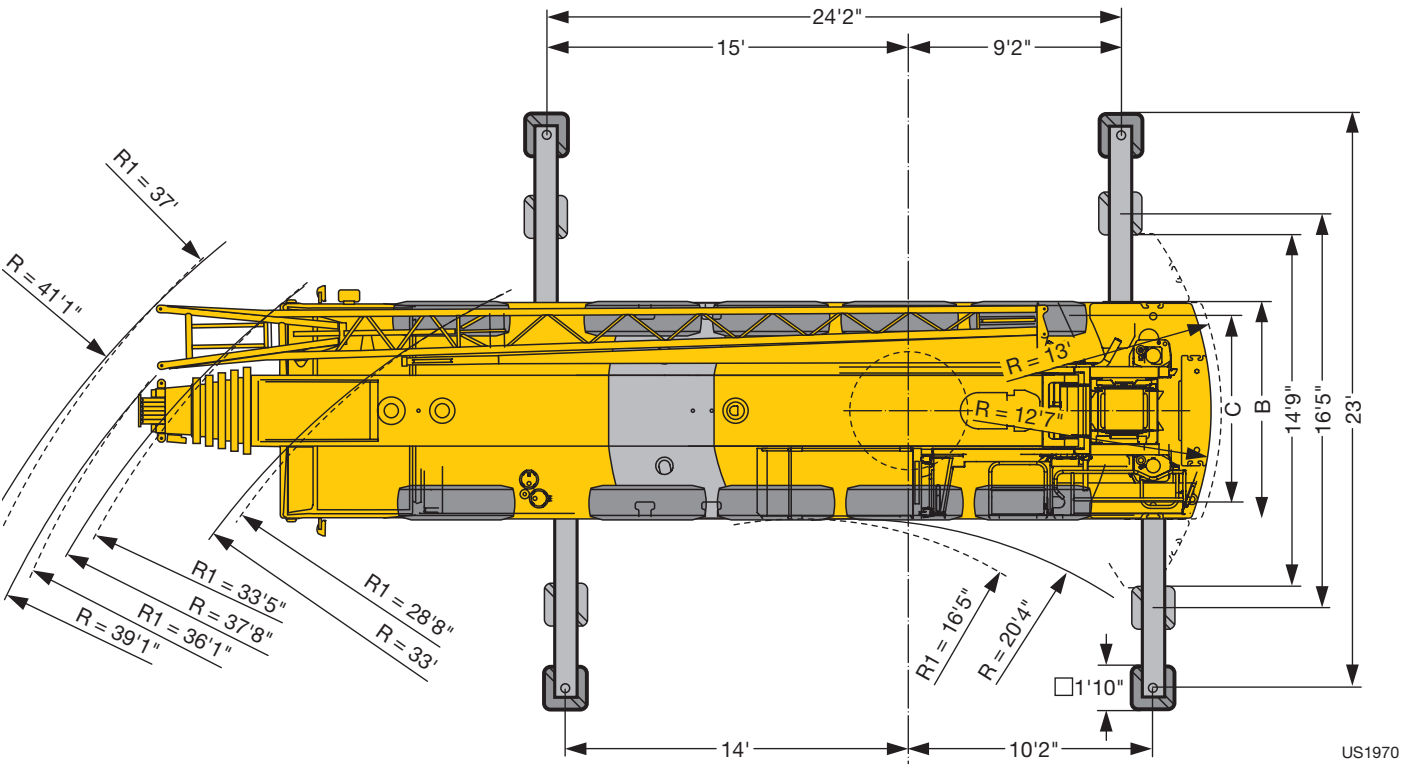
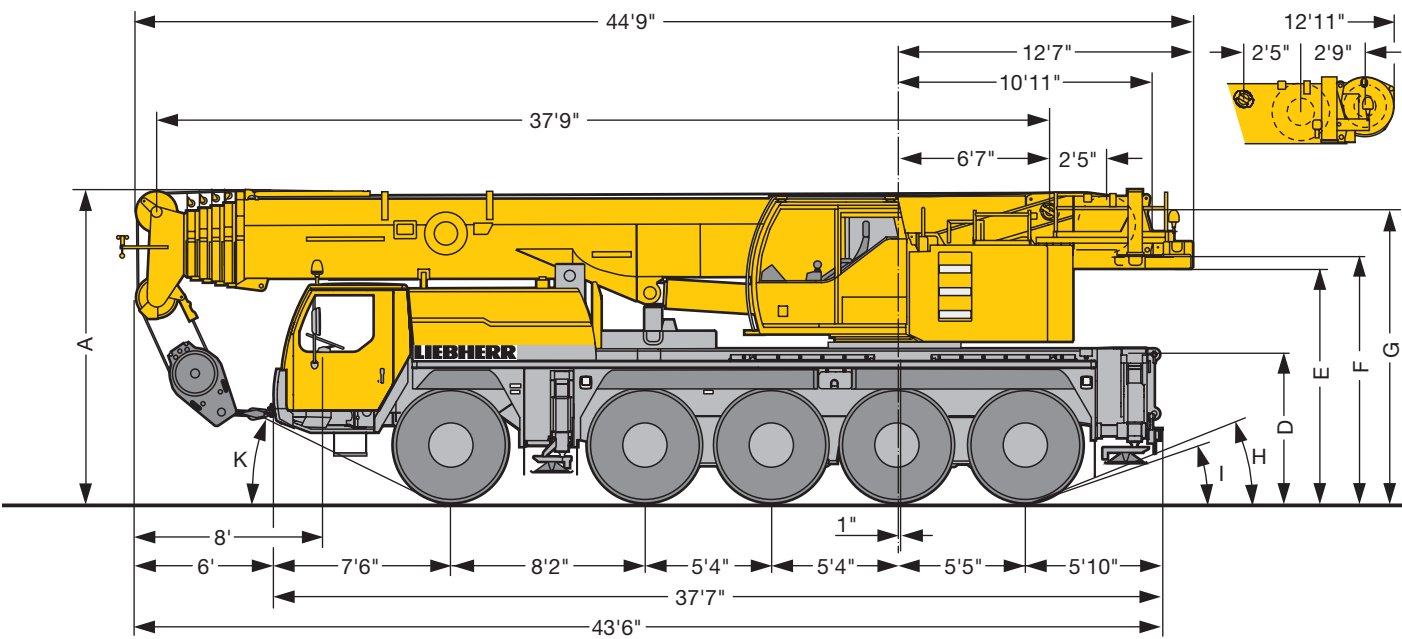
Lifting heights
Hauteurs de levage



US1977



Dimensions
Encombrement



US1970

	Dimensions · Encombrement										
	A	A *	B	C	D	E	F	G	H	I	K
16.00 R 25	13'1"	12'10"	9'	7'7"	6'4"	9'9"	10'3"	12'2"	23°	18°	25°
20.5 R 25	13'1"	12'10"	9'9"	8'	6'4"	9'9"	10'3"	12'2"	23°	18°	25°

* 4" lowered · abaissé



Weights
Poids



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

¹⁾ with 25350 lbs counterweight / avec contrepoids 25350 lbs



Load (kips) Forces de levage (kips)	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
220	7	14	2730
200	5	10	1540
130.2	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		3.5	4.5	5.8	7.5	9.5	12.2	16.1	20.6	26.6	34.2	43.4	50	3.8	4.9	43 %
20.5 R 25		1.6	2	2.6	3.3	4.2	5.3	7	9	11.6	14.9	19.5	24.2	1.7	2.1	56 %



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diam. du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 - 426 ft/min single line ft/min au brin simple	7/8"/656'	19400 lbs
	0 - 426 ft/min single line ft/min au brin simple	7/8"/656'	19400 lbs
	0 - 2 rpm		
	approx. 40 seconds to reach 82° boom angle env. 40 s jusqu'à 82°		
	approx. 360 seconds for boom extension from 38 ft – 171 ft env. 360 s pour passer de 38 ft – 171 ft		



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 telescopable into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator. Supporting area lighting.
Engine	6-cylinder Diesel, make Liebherr, type D846 A7, watercooled, output 370 kW (503 h.p.) at 1900 rpm, max. torque 1725 ft-lbs at 1200 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 130 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 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 37.2 mph, axle 5 is fixed straight. Steering according to EG directive 70/311 EWG.
Brakes	Service brake: Dual circuit, all-wheel servo-air brake. Parking brake: Spring brake actuator acting on all the wheels of axles 1, 2, 3 and 4. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear. Brakes according to EG directives 71/320 EWG resp. 70/311 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 quipped.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each, lighting according to traffic regulations.

Crane superstructure

Frame	Self-manufactured, cataphoretic dip-primed weight-optimized and torsion resistant welded design of high-tensile structural steel; linked by a triple-row roller slewing ring to the carrier for continuous rotation.
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Crane engine	4-cylinder Diesel, make Liebherr, type D934S A6, watercooled, output 145 kW (197 h.p.) at 1800 rpm, max. torque 678 ft-lbs at 1100 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Fuel reservoir: 68 gallons.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatment.
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.
Crane cab	All-steel construction, entirely galvanized, powder coated, with safety glazing, operating and control instruments, comfortably equipped, cab tiltable backwards.
Safety devices	LICCON safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.
Telescopic boom	Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system „Telematik“. Boom length: 38 ft – 171 ft.
Counterweight	33100 lbs basic counterweight.
Electric system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Optional 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 23 ft – 46 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.
Additional counterweight	44100 lbs for a total counterweight of 77200 lbs..
Tyres	10 tyres, size 20.5 R 25.
Drive 10 x 8	Additional drive of the 1 st axle.

Other item of equipment available on request.



Equipment
Equipment

Châssis porteur

Cadre	Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.
Stabilisateurs	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison. Eclairage de la zone de calage.
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. 1725 ft-lbs 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: 130 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 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. 37.2 mph, l'essieu 5 est fixé en marche rectiligne. Direction conforme aux directives européennes 70/311 CE.
Freins	Frein de service: servofrein pneumatique pour toutes les roues, à 2 circuits. Frein à main: accumulateur à ressort agissant sur les roues des essieux 1, 2, 3 et 4. Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur accouplé à la boîte de vitesses. Freins conformes aux directives européennes 71/320 CE resp. 70/311 CE.
Cabine du conducteur	Cabine spacieuse en tôle d'acier, traitement anticorrosion 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 rpm, couple max. 678 ft-lbs 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.
Direction	Direction électrique "Load Sensing", 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage.
Mécanisme de levage	Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec clapet de frein commandé.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.
Cabine du grutier	Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable, cabine inclinable vers l'arrière.
Dispositif de sécurité	Contrôleur de charge "LICCON", système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
Flèche télescopique	Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 5 éléments télescopiques. Tous les éléments télescopables indépendamment les uns des autres. Système de télescopage séquentiel rapide "Telematik". Longueur de flèche: 38 ft – 171 ft.
Contrepoids	Contrepoids principal de 33100 lbs.
Installation électrique	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Equipement optionnel

Fléchette pliante	Longueur: 35 ft – 62 ft, montable sous un angle de 0°, 20° ou 40°. Vérin hydraulique pour le relevage de la fléchette pliante de 0° à 40° (en option).
Rallonge flèche télescopique	Élément en treillis de 23 ft – 46 ft, de cette manière point d'articulation plus haute de 23 ft – 46 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.
Contrepoids supplémentaire	44100 lbs pour un contrepoids total de 77200 lbs.
Pneumatiques	10 pneus. Taille: 20.5 R 25.
Entrainement 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 are subject to modifications.
- 9. Lifting capacities above 183000 lbs only with special equipment.

Remarques relatives aux tableaux des charges

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