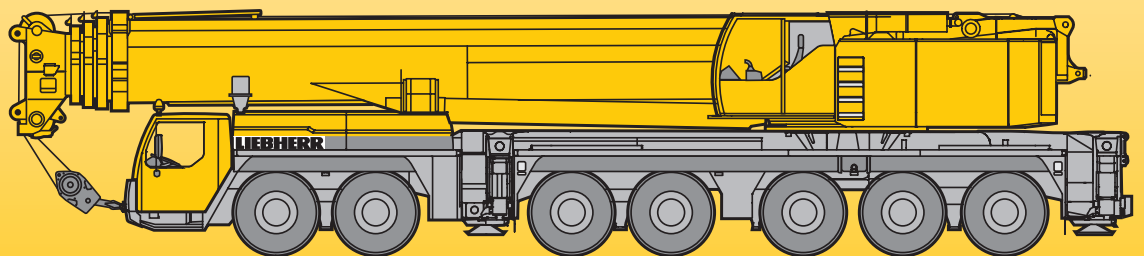




Mobile Crane Grue mobile

LTM 1400-7.1

Technical Data Caractéristiques techniques



LIEBHERR



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

51 – 197 ft

85%

	51 ft		67 ft	84 ft	101 ft	118 ft	135 ft	152 ft	169 ft	186 ft	197 ft	
ft	*											ft
9	970											9
10	940											10
11	748											11
12	615											12
13	539											13
14	529											14
15	528											15
16	526											16
17	515											17
18	499											18
20	469											20
22	443	392	391	385								22
24	414	380	379	374	300	262						24
26	383	357	357	354	329	274	209	177				26
28	357	337	336	334	320	266	202	172	143			28
30	332	317	317	315	306	255	193	166	142			30
32	310	300	299	297	294	245	186	161	137	115		32
34	292	285	284	282	281	236	178	156	134	114		34
36	276	271	270	268	268	227	171	151	130	111		36
38	260	256	256	254	255	219	164	146	126	109	94	38
40			243	240	242	211	158	141	123	106	93	40
45			217	213	215	194	144	130	115	100	88.5	45
50			194	192	192	180	135	119	107	95	83.5	50
55			174	174	172	167	127	110	99.5	90	79	55
60				157	155	155	120	102	93	84.5	75	60
65				142	140	143	114	94	86.5	79.5	71.5	65
70				130	128	131	108	87.5	81	75	67.5	70
75					118	120	103	81.5	76	70.5	64	75
80					110	110	97.5	76.5	71.5	66.5	60.5	80
85					104	102	93	72.5	67	63	57.3	85
90					97.5	94.5	88.5	69.5	63	59.5	54.6	90
95						88	84.5	66.5	59.1	56.4	51.9	95
100						82	81	63.5	55.6	53.3	49.2	100
105							78	61	52.6	50.4	46.6	105
110							74	58.2	49.8	48	44.2	110
115							69.5	56.2	47.4	45.6	42.1	115
120							65.5	54.4	45.2	43.3	40.1	120
125								52.7	43.2	41.2	38.3	125
130								51.1	41.7	39.1	36.6	130
135								49.6	40.3	37.1	34.9	135
140								46.5	38.9	35.3	33.3	140
145									37.6	33.8	31.7	145
150									36.3	32.4	30.2	150
155									35.1	31.1	29	155
160										29.8	28	160
165										28.5	26.9	165
170										27.2	25.8	170
175										26	24.8	175
180											23.8	180
185											22.3	185
190											19.4	190

* over rear / en arrière

TAB 146426 / 146428

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 445 kips / 529 kips only with additional pulley block / special equipment.

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

<div><div></div><div></div><div></div><div></div><div><div>85%</div></div></div>												
 ft	51 ft		67 ft	84 ft	101 ft	118 ft	135 ft	152 ft	169 ft	186 ft	197 ft	 ft
	*											
9	970											9
10	940	529										10
11	748	529	445									11
12	615	529	445									12
13	539	529	445	445								13
14	529	519	445	445	379							14
15	528	506	445	445	379							15
16	525	489	445	445	379							16
17	514	473	442	440	379							17
18	498	457	437	432	379	318						18
20	466	425	424	415	377	316						20
22	429	397	397	392	365	302	225					22
24	394	372	371	369	351	289	220					24
26	363	348	347	346	334	277	210	177				26
28	337	327	326	325	320	266	202	172	143			28
30	313	307	307	305	305	255	193	166	142			30
32	293	290	289	287	288	245	186	161	137	115		32
34	276	274	274	271	273	236	178	156	134	114		34
36	260	259	260	257	259	227	171	151	130	111		36
38	245	245	246	242	244	219	164	146	126	109	94	38
40			233	229	231	211	158	141	123	106	93	40
45			205	204	203	194	144	130	115	100	88.5	45
50			183	181	179	179	135	119	107	95	83.5	50
55			164	161	159	162	127	110	99.5	90	79	55
60				145	143	145	120	102	93	84.5	75	60
65				131	132	131	114	94	86.5	79.5	71.5	65
70				122	121	119	108	87.5	81	75	67.5	70
75					111	109	103	81.5	76	70.5	64	75
80					102	99.5	97.5	76.5	71.5	66.5	60.5	80
85					94	91.5	93	72.5	67	63	57.3	85
90					87.5	85	87	69.5	63	59.5	54.6	90
95						79	81	66.5	59.1	56.4	51.9	95
100						74	75.5	63.5	55.6	53.3	49.2	100
105							70.5	61	52.6	50.4	46.6	105
110							66	58.2	49.8	48	44.2	110
115							61.5	56.2	47.4	45.6	42.1	115
120							57.8	54.4	45.2	43.3	40.1	120
125								52.7	43.2	41.2	38.3	125
130								51.1	41.7	39.1	36.6	130
135								48.7	40.3	37.1	34.9	135
140								45.4	38.9	35.3	33.3	140
145									37.6	33.8	31.7	145
150									36.3	32.4	30.2	150
155									35.1	31.1	29	155
160										29.8	28	160
165										28.5	26.9	165
170										27.2	25.8	170
175										26	24.8	175
180											23.8	180
185											22.3	185
190											19.4	190

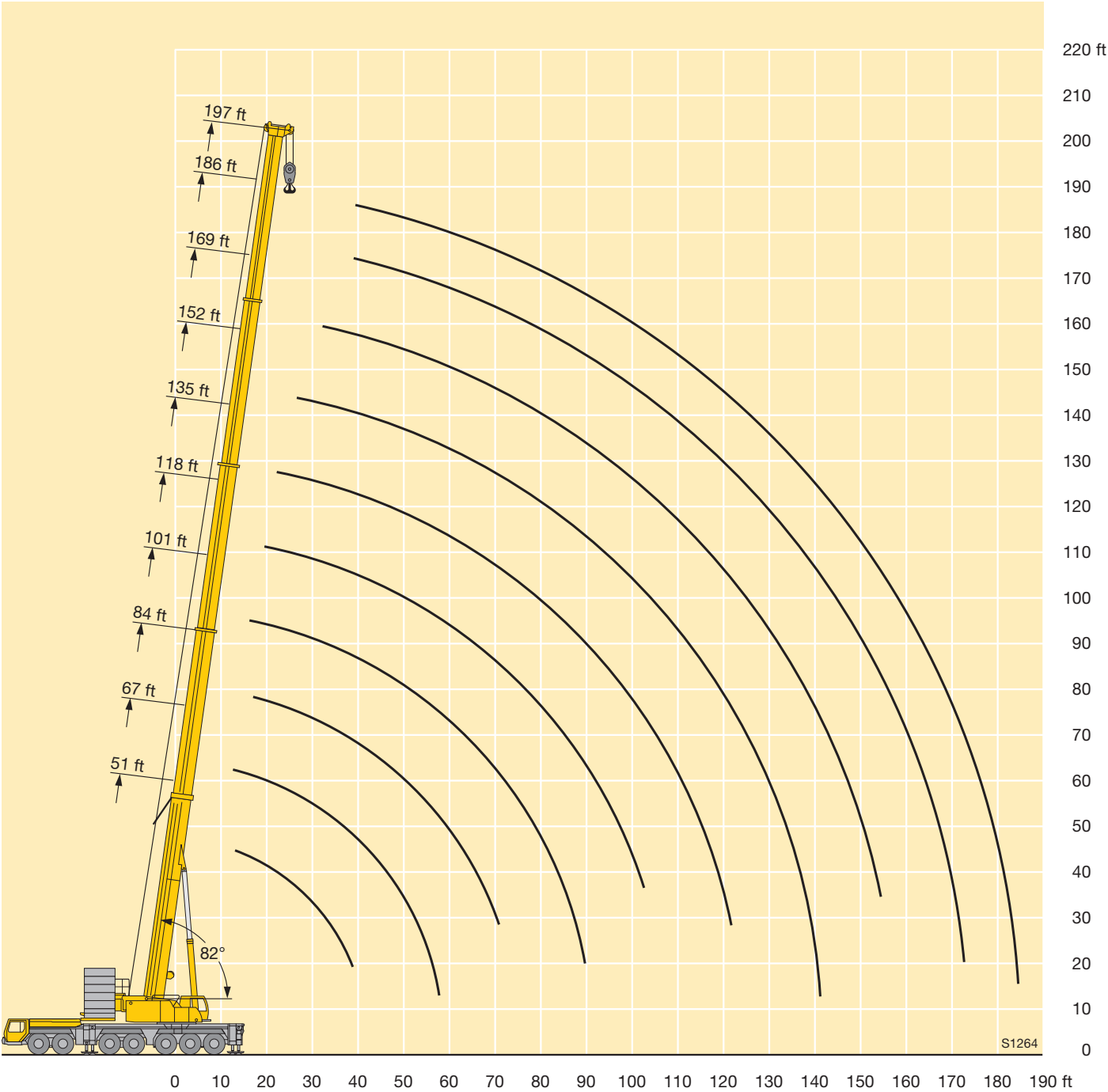
TAB 146427 / 146430

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. Le 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 déployable déployée.
8. Les forces de levage sont modifiables sans préavis.
9. Forces de levage plus de 445 kips / 529 kips seulement avec moufle additionnel / équipement supplémentaire.





Lifting heights
Hauteurs de levage





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

101 – 197 ft		38°		360°		308600 lbs		85%																	
 ft	101 ft		118 ft		135 ft		152 ft		169 ft		186 ft		197 ft		 ft										
	*		*		*		*		*		*		*												
16	416														16										
17	413														17										
18	408			361											18										
20	396			360											20										
22	377			351		320									22										
24	357			339		313									24										
26	337			324		301									26										
28	319			312		290		252							28										
30	301	261	299		280		250								30										
32	285	284	285	251	270		242		211						32										
34	270	286	272	251	260		234		207						34										
36	257	273	259	251	250		227		201						36										
38	244	261	246	251	240		220	215	195		166		152		38										
40	231	249	234	248	230	213	213	213	190		164		151		40										
45	205	223	209	224	207	216	195	195	178	176	154	153	142	141	45										
50	184	200	188	203	188	200	181	181	167	167	146	146	135	135	50										
55	166	180	169	184	170	182	167	169	157	157	137	137	128	128	55										
60	152	163	153	167	154	166	153	158	146	147	130	130	121	121	60										
65	139	148	139	152	140	153	140	148	135	137	123	123	115	115	65										
70	127	138	127	140	128	141	128	138	126	128	116	116	109	109	70										
75	116	128	117	129	118	130	118	129	117	120	110	110	104	104	75										
80	106	118	107	118	108	119	108	119	108	114	104	104	98.5	98.5	80										
85	98	108	99	109	100	110	100	110	99.5	108	98	98.5	93.5	93.5	85										
90	90.5	99	91.5	102	92.5	103	92.5	103	92	102	91	94	89	89	90										
95			85	94.5	86	95.5	86	95.5	85.5	95	84.5	89.5	84	85	95										
100			79	88	80	89	80	89	79.5	88.5	78.5	85.5	78.5	81.5	100										
105					74.5	83	74.5	83	74	82.5	72.5	81.5	73	78	105										
110					69.5	78	69.5	78	69	77.5	68	76	68	74.5	110										
115					65	73	65	73	64.5	72.5	63.5	71.5	63.5	71	115										
120					61	68.5	61	68.5	60	68	59.1	67	59.4	67	120										
125							56.9	64.5	56.4	64	55.3	62.5	55.5	63	125										
130							53.4	60.5	52.9	60	51.8	58.9	52.1	59.1	130										
135							50.2	57.1	49.7	56.6	48.6	55.4	48.8	55.6	135										
140							43.9	48.3	46.7	53.3	45.6	52.2	45.8	52.4	140										
145									44	50.3	42.8	49.1	43	49.4	145										
150									41.4	47.6	40.2	46.3	40.4	46.6	150										
155									39.1	44.6	37.8	43.7	38	44	155										
160											35.5	41.3	35.8	41.5	160										
165											33.4	39	33.6	39.2	165										
170											31.4	36.8	31.6	37.1	170										
175											26.5	28.3	29.7	35.1	175										
180													28	33.2	180										

* ballast retracted / contrepoids rétracté

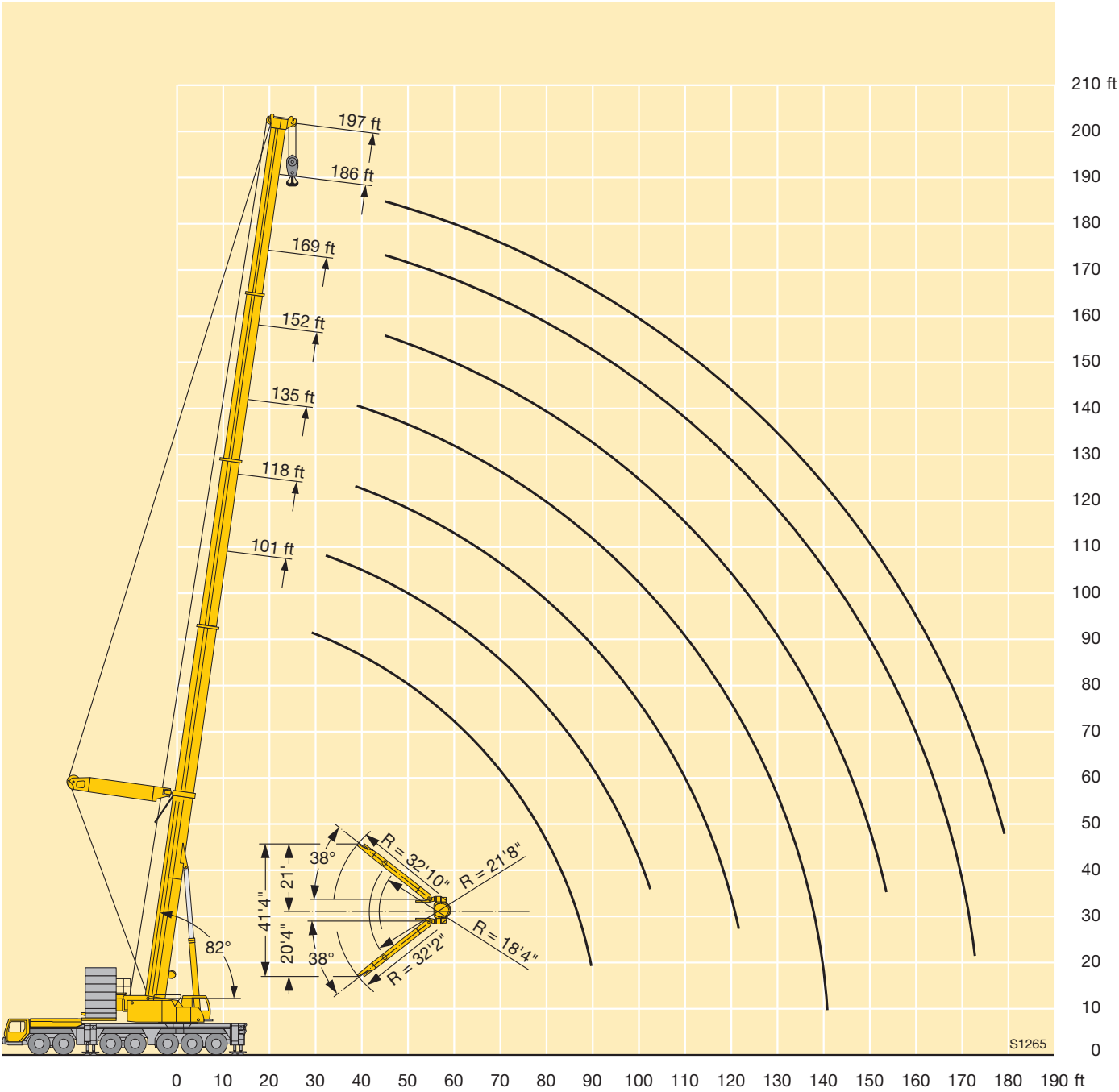
TAB 146439 / 146434

* ballast retracted / contrepoids rétracté

TAB 146439 / 146434















Lifting heights
Hauteurs de levage



* adapter / pièce d'adaptateur

TAB 146444 / 146450 / 146456

Lifting capacities on the lattice fly jib
Forces de levage à la fléchette treillis fixe








																												
		152 ft		23 – 184 ft		360°		264600 lbs		85%		152 ft + 8 ft*																
		23 ft		46 ft		69 ft		92 ft		115 ft		138 ft		161 ft		184 ft												
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
32	104																											32
34	102																											34
36	100																											36
38	97.5	64			79.5																							38
40	95	64			79																							40
45	89.5	61	44.3		75			60																				45
50	84	58.1	43.4		71.5	50.2		58.5			44.4			34.6														50
55	79	55.7	42.4		67.5	49.2		56.5			43.7			34.1			26.7											55
60	74.5	53.5	41.4		64	47.2		54.3			42.4			33.1			26.5											60
65	69.5	51.5	40.5		60.5	45.4	33.7	51.8			41.1			32.1			25.7			20								65
70	65.5	49.7	39.8		57.5	43.7	33.1	49.7	41.1		39.6			30.9			24.9			19.4					14.8			70
75	61.5	48	39.1		54.3	42.3	32.4	47.5	40.6		38.2			29.7			24.1			18.8					14.5			75
80	57.6	46.4	38.5		51.3	40.9	31.7	45.3	39.6		36.9			28.6			23.2			18.2					14			80
85	54.5	45.1	37.9		48.3	39.6	31.2	43.2	38.7	30.8	35.7	28.4		27.6			22.3			17.6					13.5			85
90	51.7	43.9	37.3		45.9	38.3	30.7	41	37.8	30.3	34.6	27.7		26.7			21.5			17					13			90
95	49	42.8	37		43.7	37.2	30.2	38.9	36.5	29.7	33.4	27		25.8	19.9		20.8			16.3					12.5			95
100	46.4	41.7	36.7		41.5	36.1	29.7	37	35	29.2	32.1	26.3	21	24.9	19.7		20			15.7					12			100
105	43.9	40.7	36.5		39.5	35.2	29.2	35.2	33.7	28.7	30.7	25.7	21	24.1	19.2		19.3			15.1					11.6			105
110	41.6	39.7	36.2		37.6	34.4	29	33.6	32.4	28.3	29.5	25.1	20.7	23.3	18.7		18.6	14		14.6					11.2			110
115	39.4	38.7	36		35.7	33.6	28.8	32.1	31.1	27.9	28.3	24.6	20.4	22.5	18.2		18	13.7		14					10.8			115
120	37.4	37.4	35.8		34	32.9	28.6	30.6	29.9	27.5	27.1	24	20.1	21.9	17.7	14.3	17.4	13.4		13.5	9.9				10.4			120
125	35.9	35.9	35.5		32.3	32.1	28.4	29.1	28.8	27.1	25.9	23.5	19.8	21.2	17.3	14.3	16.8	13		13	9.9				10			125
130	34.5	34.5	34.2		30.7	30.6	28.2	27.8	27.5	26.9	24.8	23.1	19.5	20.6	16.8	14	16.2	12.6		12.5	9.6				9.6			130
135	33.1	33.1	32.8		29.1	29.1	28	26.5	26.3	26.3	23.6	22.6	19.2	20	16.4	13.8	15.7	12.3		12.1	9.3				9.3			135
140	31.7	31.8	31.4		27.7	27.9	27.6	25.2	25.1	25.4	22.5	21.9	19	19.4	16	13.6	15.2	12	9.7	11.7	9.1				8.9			140
145	30.4	30.5	30.1		26.7	26.8	26.8	23.9	24	24.4	21.5	21.2	18.9	18.7	15.7	13.4	14.8	11.7	9.7	11.3	8.8				8.6			145
150	29.2	29.3	28.8		25.7	25.7	25.7	22.7	22.9	23.3	20.5	20.4	18.8	17.9	15.4	13.2	14.4	11.4	9.6	11	8.6				8.3			150
155	28	28.1			24.7	24.7	24.7	21.8	21.9	22.3	19.5	19.7	18.6	17.2	15.1	13	14	11.1	9.4	10.7	8.3				8			155
160	26.7	26.9			23.8	23.7	23.7	21	21	21.3	18.5	18.9	18.4	16.3	14.8	12.8	13.6	10.8	9.3	10.4	8.1	6.4			7.7			160
165	25.3	25.6			22.9	22.8	22.8	20.2	20.2	20.4	17.6	18.1	18.1	15.5	14.6	12.6	13.2	10.6	9.1	10.1	7.9	6.4			7.5			165
170	23.9	24.1			22	21.9	21.8	19.5	19.4	19.5	16.6	17.3	17.5	14.7	14.3	12.6	12.8	10.4	9	9.8	7.7	6.3			7.2			170
175					21.1	21		18.7	18.7	18.8	16	16.4	16.8	13.9	14.1	12.5	12.4	10.2	8.9	9.5	7.5	6.2			7			175
180					20.3	20.1		18	18	18	15.4	15.7	16.2	13.3	13.7	12.4	12.1	10.1	8.8	9.2	7.3	6.1			6.7			180
185					19.5	19.3		17.3	17.3	17.3	14.9	15.1	15.5	12.9	13.3	12.4	11.7	9.9	8.7	9	7.2	6			6.5			185
190					18.7	18.4		16.6	16.6	16.5	14.3	14.6	14.9	12.4	12.8	12.3	11.1	9.7	8.7	8.7	7	5.9			6.3			190
195					17.8			15.9	16	15.8	13.8	14	14.3	11.9	12.2	12.2	10.5	9.6	8.6	8.5	6.9	5.8			6			195
200								15.3	15.4		13.3	13.5	13.7	11.5	11.7	12	10.1	9.4	8.6	8.2	6.8	5.7			5.8			200
205								14.6	14.8		12.8	12.9	13.1	11	11.2	11.6	9.7	9.2	8.5	8	6.6	5.7			5.6			205
210								14	14.1		12.3	12.4	12.5	10.6	10.8	11.2	9.3	9.1	8.4	7.7	6.5	5.6			5.4			210
215								10.8	11		11.8	11.9	12	10.2	10.4	10.7	9	9	8.3	7.5	6.4	5.6			5.2			215
220											11.4	11.4		9.8	10	10.3	8.6	8.9	8.3	7.2	6.2	5.5			5			220
225											10.9	10.9		9.4	9.6	9.9	8.3	8.6	8.3	6.9	6.1	5.5			4.8			225
230											10.5			9	9.2	9.4	7.9	8.2	8.3	6.5	6	5.4			4.6			230
235											10			8.6	8.8	9	7.6	7.9	8.2	6.2	5.9	5.3			4.4			235
240														8.3	8.5		7.3	7.5	7.9	5.8	5.8	5.3			4.1			240
245														7.9	8.1		7	7.2	7.5	5.5	5.8	5.2			3.8			245
250														7.6	7.7		6.7	6.8	7.1	5.2	5.7	5.2						250
255														7.2	7.4		6.4	6.5	6.8	4.9	5.4	5.2						255
260																	6.1	6.2	6.4	4.5	5.1	5.2						260
265																	5.8	5.8		4.2	4.7	5.1						265
270																	5.5	5.5		3.9	4.4	4.9						270
275																	5.2	5.3		3.6	4.1	4.5						275
280																	4.9			3.3	3.7	4.1						280
285																				3	3.4							285
29																												

* adapter / pièce d'adaptateur

TAB 146444 / 146450 / 146456



Lifting capacities on the lattice fly jib
Forces de levage à la fléchette treillis fixe




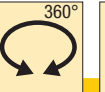


<div><div>169 ft</div><div>23 – 184 ft</div><div></div><div>360°</div><div>264600 lbs</div><div>85%</div></div>																									
 ft	169 ft + 8 ft*																								 ft
	23 ft			46 ft			69 ft			92 ft			115 ft			138 ft			161 ft			184 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°			
38	88.5																							38	
40	88																							40	
45	84	61		69.5																				45	
50	80.5	58.8	43.1	67			53.8			41.1														50	
55	76.5	56.4	42.7	64.5	47.7		52.9			40.6			31											55	
60	72.5	54.3	41.8	61	47.4		51.2			39.6			30.9											60	
65	68.5	52.4	40.9	58.2	45.6		49.2			38.7			30			23.9								65	
70	65	50.7	40.2	55.7	44	32.9	47.3			37.5			29.2			23.3			17.9					70	
75	61	49.1	39.6	53.2	42.6	32.5	45.5	38.8		36.3			28.3			22.6			17.6			13.1		75	
80	57.6	47.6	39	50.8	41.3	31.9	43.7	38.6		35.2			27.3			22			17.1			13		80	
85	54.2	46.1	38.4	48.3	40	31.4	41.9	37.8		34.2			26.4			21.3			16.6			12.6		85	
90	51.3	44.8	37.9	46	38.9	30.9	40.2	36.9	30.3	33.3	26.7		25.6			20.6			16.1			12.1		90	
95	48.6	43.6	37.4	43.7	37.8	30.4	38.5	35.8	30	32.3	26.3		24.8			19.9			15.5			11.6		95	
100	46	42.7	37	41.5	36.8	30	36.8	34.5	29.6	31.3	25.8		24	18.7		19.2			15			11.2		100	
105	43.5	41.7	36.8	39.4	35.8	29.6	35.2	33.3	29.3	30.1	25.2		23.3	18.7		18.6			14.4			10.8		105	
110	41.2	40.8	36.6	37.4	35	29.2	33.7	32.1	29	29	24.7	20.3	22.6	18.3		18			14			10.4		110	
115	39	39.1	36.5	35.5	34.3	28.9	32.3	31	28.7	28	24.2	20.1	21.9	17.8		17.4	13.1		13.5			10.1		115	
120	36.8	37	36.2	33.7	33.6	28.7	30.8	30	28.4	26.9	23.7	19.9	21.3	17.4		16.8	13		13			9.7		120	
125	34.6	35	35.7	32	32.8	28.5	29.3	29	27.8	25.9	23.2	19.6	20.7	17		16.3	12.6		12.6			9.4		125	
130	32.5	33	33.8	30.3	31.2	28.4	28	27.9	27	24.9	22.8	19.4	20.1	16.6	13.8	15.8	12.3		12.2	9.3		9.1		130	
135	30.8	31.3	31.9	28.7	29.7	28.2	26.6	26.8	26.2	23.8	22.3	19.1	19.6	16.2	13.6	15.3	12		11.7	9.1		8.7		135	
140	29.3	29.7	30.1	27.1	28.1	27.9	25.3	25.7	25.5	22.7	21.7	18.9	19.1	15.9	13.4	14.9	11.7		11.3	8.9		8.5		140	
145	27.9	28.2	28.4	25.6	26.7	27.3	24	24.7	24.7	21.6	21.1	18.7	18.6	15.5	13.2	14.5	11.5		11	8.6		8.2		145	
150	26.5	26.8	26.9	24.5	25.3	25.9	22.8	23.7	23.7	20.6	20.4	18.6	18	15.1	13	14.1	11.2	9.4	10.7	8.4		7.9		150	
155	25.2	25.4	25.4	23.4	24.1	24.6	21.6	22.6	22.8	19.6	19.8	18.5	17.4	14.9	12.9	13.8	11	9.3	10.4	8.2		7.6		155	
160	24.2	24.3	24	22.2	23	23.5	20.4	21.4	22	18.6	19.1	18.4	16.7	14.7	12.7	13.4	10.7	9.2	10.1	8		7.4		160	
165	23.2	23.4		21.2	21.9	22.3	19.3	20.3	21.1	17.6	18.5	18.2	15.9	14.4	12.5	13.1	10.5	9.1	9.9	7.8		7.1		165	
170	22.3	22.5		20.1	20.8	21.1	18.6	19.2	20.3	16.6	17.7	17.7	15.1	14.2	12.5	12.7	10.3	8.9	9.6	7.6	6.2	6.9		170	
175	21.3	21.6		19.1	19.7	19.9	17.8	18.4	19.4	15.7	17	17.2	14.4	14	12.4	12.4	10.2	8.8	9.4	7.4	6.1	6.6		175	
180	20.5	20.7		18.1	18.7	18.7	17	17.5	18.4	14.9	16.3	16.6	13.6	13.8	12.4	12.1	10	8.7	9.1	7.2	6	6.4		180	
185	19.6			17.2	17.6		16.3	16.8	17.5	14.3	15.6	16	12.9	13.5	12.3	11.8	9.9	8.6	8.9	7.1	5.9	6.2		185	
190	18.8			16.4	16.6		15.5	16	16.6	13.8	14.8	15.3	12.1	13	12.3	11.5	9.7	8.5	8.7	7	5.8	6		190	
195				15.7	15.9		14.7	15.2	15.7	13.2	14.1	14.8	11.4	12.6	12.2	11	9.6	8.5	8.5	6.8	5.7	5.8		195	
200				15	15.3		14	14.4	14.8	12.6	13.5	14.2	10.9	12.1	12.1	10.4	9.4	8.5	8.3	6.7	5.6	5.6		200	
205				14.4			13.3	13.6	13.9	12	12.9	13.5	10.4	11.6	11.9	9.8	9.3	8.4	8.1	6.6	5.6	5.4		205	
210							12.6	12.9		11.5	12.3	12.8	10	11.2	11.6	9.3	9.2	8.4	7.9	6.5	5.5	5.3		210	
215							12	12.1		10.9	11.7	12.2	9.6	10.7	11.2	8.9	9	8.4	7.5	6.3	5.5	5.1		215	
220							11.5	11.4		10.4	11.1	11.5	9.2	10.2	10.8	8.5	8.9	8.3	7.1	6.2	5.5	4.9		220	
225							11			9.8	10.5	10.8	8.8	9.7	10.3	8.1	8.7	8.3	6.7	6.1	5.4	4.7		225	
230										9.3	10		8.4	9.2	9.8	7.7	8.5	8.2	6.2	6	5.4	4.5		230	
235										8.8	9.3		7.9	8.8	9.2	7.3	8.2	8.2	5.8	5.9	5.4	4.2		235	
240										8.3	8.8		7.5	8.3	8.7	6.9	7.8	8.1	5.4	5.8	5.3	3.8		240	
245										7.9	8.2		7.1	7.9	8.2	6.4	7.4	8	5	5.7	5.2			245	
250													6.7	7.4		6	7	7.6	4.6	5.6	5.2			250	
255													6.2	6.9		5.6	6.6	7.2	4.2	5.6	5.2			255	
260													5.9	6.4		5.2	6.1	6.7	3.9	5.2	5.2			260	
265													5.6	6		4.7	5.7	6.3	3.5	4.8	5.2			265	
270													5.3			4.3	5.2	5.7		4.4	5.1			270	
275													5			3.9	4.8	5.1		4	4.8			275	
280																3.5	4.3			3.6	4.3			280	
285																3.1	3.8				3.8			285	
290																2.8	3.2							290	
295																2.5	2.7							295	

* adapter / pièce d'adaptateur

TAB 146444 / 146450 / 146456



Lifting capacities on the lattice fly jib
Forces de levage à la fléchette treillis fixe

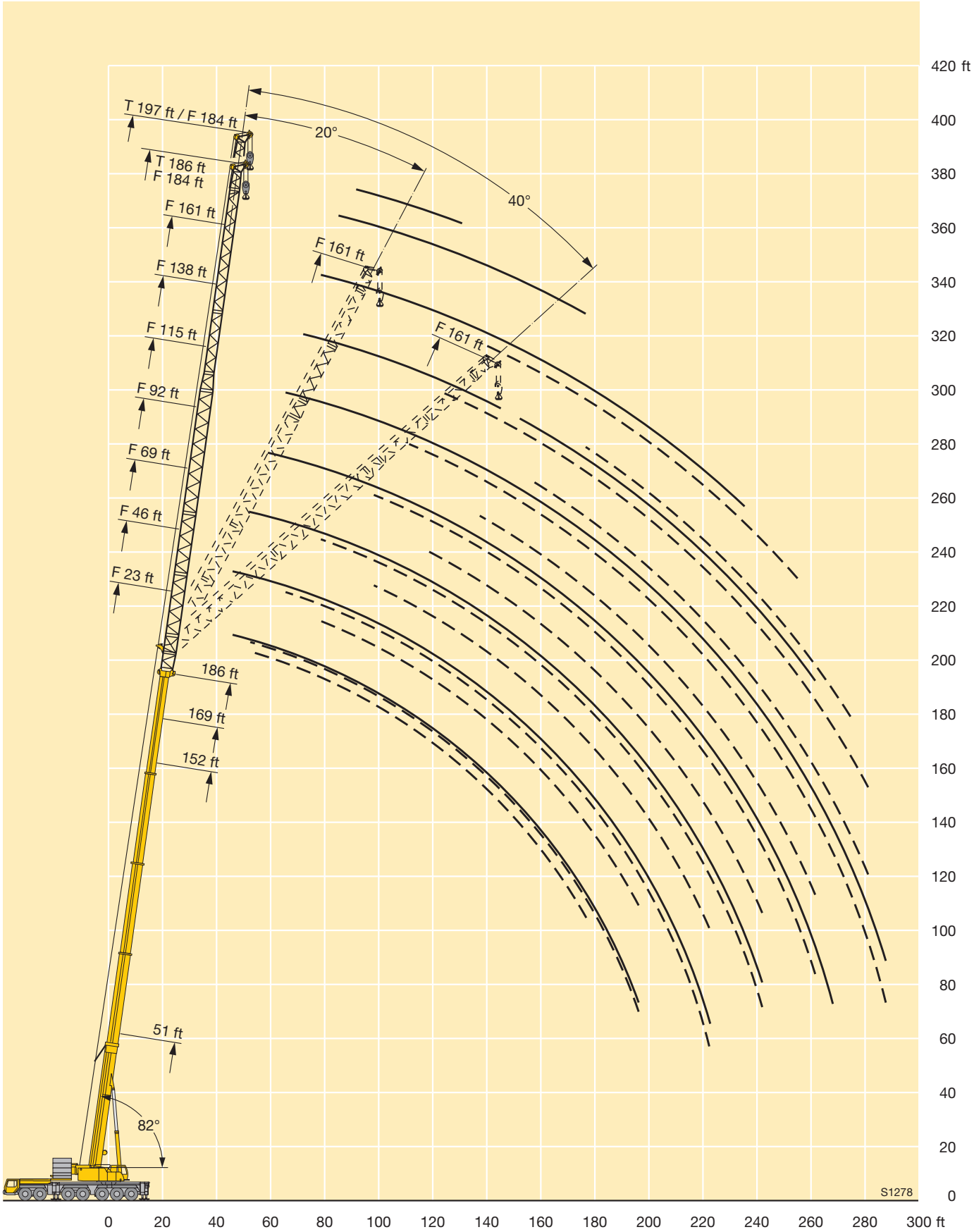
		186 – 197 ft								360°				264600 lbs		85%																						197 + 8 ft*			
ft		23 ft			46 ft			69 ft			92 ft			115 ft			138 ft			161 ft			184 ft	184 ft	ft																
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	0°																	
45	71				56.2																				45																
50	69	58.7	42.9		55			44.1																	50																
55	66	57.6	42.5	53.4				43.4						34.5											55																
60	62.5	55.5	41.6	51.7				42.1						34.3											60																
65	59.6	53.5	40.9	49.7	44.3			40.8						33.2			26.4								65																
70	56.9	51.8	40.2	47.6	43.1			39.3						32.2			25.9			20					70																
75	54.3	50.3	39.6	45.7	41.8	31.8		37.9	33.4					31.2			25.3			19.8			15		75																
80	51.6	48.9	39.1	43.9	40.5	31.6		36.5	33.1					30			24.7			19.3			14.9		80																
85	49.1	47.5	38.6	42.2	39.4	31.1		35.1	32					28.9			24			18.9			14.5		10.7	85															
90	46.7	45.8	38.1	40.5	38.3	30.7		33.8	31					27.9			23.2			18.3			14.1		10.5	9.2	90														
95	44.3	43.8	37.6	38.8	37	30.3		32.5	29.9	26.2	27	23.3		22.4			22.4			17.7			13.6		10.2	9	95														
100	42	41.8	37.2	37.1	35.7	29.9		31.3	29	26	26	23.1		21.6			21.6			17.2			13.2		9.9	8.7	100														
105	39.9	40	36.7	35.5	34.3	29.6		30.1	28.1	25.2	25	22.3		20.8			20.8			16.7			12.8		9.5	8.2	105														
110	37.9	38.3	36.6	34	33.1	29.3		29	27.2	24.6	24	21.6		20	17.1		16.2			16.2			12.4		9.2	7.9	110														
115	35.9	36.4	36.1	32.5	31.9	28.9		28	26.4	24	23.2	20.9	18.5	19.3	16.8		15.8			15.8			12.1		8.9	7.5	115														
120	34.1	34.6	35	31.1	30.7	28.6		26.9	25.5	23.3	22.3	20.3	18.3	18.6	16.4		15.3	11.9		15.3	11.9		11.7		8.6	7.2	120														
125	32.3	32.9	33.2	29.6	29.4	28.3		26	24.6	22.8	21.5	19.6	17.8	17.9	15.8		14.9	11.9		14.9	11.9		11.4		8.3	6.8	125														
130	30.5	31.2	31.5	28.1	28.2	28.2		25	23.8	22.2	20.7	19	17.3	17.2	15.3		14.3	11.6		14.3	11.6		11.1		8	6.5	130														
135	28.9	29.6	29.9	26.7	27.1	27.3		24	23	21.7	19.9	18.4	16.9	16.6	14.8	13.1	13.8	11.4		13.8	11.4		10.8	8.4		7.7	6.2	135													
140	27.4	28	28.4	25.4	26	26.2		22.9	22.3	21.2	19.2	17.9	16.5	16	14.3	12.9	13.2	11.1		13.2	11.1		10.5	8.3		7.5		140													
145	26.2	26.5	26.9	24.1	24.8	25.2		21.8	21.5	20.7	18.5	17.3	16	15.4	13.8	12.6	12.7	10.9		12.7	10.9		10.2	8.1		7.2		145													
150	25	25.4	25.6	22.8	23.6	24.2		20.7	20.8	20.3	17.8	16.8	15.6	14.9	13.4	12.3	12.3	10.7		12.3	10.7		9.9	7.9		7		150													
155	23.8	24.3	24.4	21.6	22.4	23		19.7	20.2	19.8	17.2	16.4	15.2	14.4	13	12	11.9	10.5	8.9	9.5	7.7		9.5	7.7		6.8		155													
160	22.7	23.1	23.1	20.6	21.2	21.8		18.7	19.5	19.3	16.5	15.9	14.9	13.9	12.6	11.7	11.5	10.3	8.9	9.2	7.6		9.2	7.6		6.5		160													
165	21.5	21.9	21.9	19.7	20.1	20.7		17.7	18.7	18.7	15.9	15.4	14.5	13.4	12.2	11.4	11.1	10	8.8	8.8	7.4		8.8	7.4		6.2		165													
170	20.4	20.8	20.7	18.9	19.1	19.7		16.7	17.9	18.1	15.1	14.9	14.2	12.9	11.9	11.1	10.7	9.7	8.7	8.4	7.2		8.4	7.2		5.9		170													
175	19.3	19.7	19.5	18.1	18.2	18.8		16	16.9	17.4	14.3	14.4	13.9	12.4	11.6	10.8	10.3	9.4	8.6	8.1	7	5.8		8.1	7	5.8	5.6		175												
180	18.3	18.7		17.3	17.2	17.8		15.4	16	16.7	13.5	13.9	13.6	12	11.3	10.6	10	9.1	8.4	7.7	6.9	5.8		7.7	6.9	5.8	5.3		180												
185	17.3	17.7		16.5	16.4	16.9		14.7	15.2	16.1	12.8	13.5	13.3	11.5	11	10.4	9.6	8.9	8.2	7.4	6.7	5.7		7.4	6.7	5.7	5		185												
190	16.3	16.7		15.7	15.6	16		14.1	14.6	15.5	12	13	13.1	11.1	10.8	10.2	9.3	8.7	8	7.1	6.6	5.6		7.1	6.6	5.6	4.7		190												
195	15.3	15.7		15	14.7	15		13.5	13.9	14.7	11.5	12.5	12.7	10.7	10.5	10	9	8.4	7.8	6.8	6.4	5.5		8.4	7.8	6.8	6.4	5.5		195											
200				14.2	13.9			12.9	13.3	14	11.1	12.1	12.3	10.2	10.2	9.8	8.7	8.2	7.6	6.5	6.2	5.5		7.6	7.1	6.5	6.2	5.5		200											
205				13.4	13.2			12.4	12.7	13.3	10.6	11.7	12	9.7	9.9	9.6	8.3	7.9	7.5	6.2	5.9	5.4		6.5	6.2	5.9	5.4		205												
210				12.7	12.5			11.8	12.1	12.6	10.2	11.1	11.6	9.2	9.5	9.4	8	7.7	7.3	5.9	5.7	5.3		5.9	5.7	5.3			210												
215				12	11.8			11.2	11.6	11.9	9.7	10.6	11.2	8.8	9.2	9.2	7.6	7.5	7.1	5.6	5.5	5.3		5.6	5.5	5.3			215												
220				11.3	11.1			10.6	11	11.3	9.3	10.1	10.7	8.4	9	9	7.2	7.3	7	5.3	5.3	5.1		5.3	5.3	5.1			220												
225								10	10.4		8.9	9.7	10.1	8	8.7	8.9	6.8	7.1	6.8	5	5.1	5		5	5.1	5			225												
230								9.5	9.8		8.5	9.2	9.6	7.6	8.4	8.7	6.3	6.9	6.7	4.8	4.9	4.8		4.8	4.9	4.8			230												
235								8.9	9.2		8.1	8.7	9	7.3	8	8.5	5.9	6.6	6.5	4.5	4.7	4.6		4.5	4.7	4.6			235												
240								8.4	8.6		7.6	8.3	8.5	6.8	7.6	8.1	5.5	6.4	6.4	4.1	4.5	4.5		4.1	4.5	4.5			240												
245											7.2	7.8		6.4	7.2	7.7	5.1	6.2	6.2					4.3	4.3				245												
250											6.8	7.3		6	6.8	7.2	4.8	6	6.2					4.1	4.1				250												
255											6.4	6.8		5.6	6.4	6.7	4.4	5.6	6.1					3.9	4				255												
260											5.9	6.4		5.1	5.9	6.2	4	5.1	5.9					3.7	3.9				260												
265											5.5			4.7	5.4		3.6	4.7	5.5					3.5	3.8				265												
270														4.2	5			4.3	5						3.7				270												
275														3.8	4.5			3.9	4.5						3.6				275												
280														3.4	4			3.5	3.9						3.4				280												
285														3	3.5														285												

* adapter / pièce d'adaptateur










TAB 146444 / 146450 / 146456



Hubhöhen
Lifting heights












Lifting capacities on the lattice fly jib with guyed telescopic boom
Forces de levage à la fléchette treillis fixe avec flèche télescopique haubannée

																																			
ft		152 ft + 8 ft*																							ft										
		23 ft			46 ft			69 ft			92 ft			115 ft			138 ft			161 ft			184 ft												
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°												
38	119				99																			38											
40	117				98.5																			40											
45	109	62.5			92			75			56.6													45											
50	102	60			87			72.5			54.6			42.1										50											
55	96	57.7	42.8	82	51.4			69.5			52.2			41.3			31.7							55											
60	90	55.4	41.9	77.5	49.3			66.5			50.1			39.6			31.5							60											
65	85	53.3	41	73	47.4	34.4	63	47.1			48.2			38.1			30.3			24.7				65											
70	80	51.4	40.3	68.5	45.7	33.7	59.5	45.9			46.4			36.6			29.1			23.8			18.7	70											
75	74.5	49.6	39.6	64.5	44.1	33	56.2	44.7			44.7	32.1		35.2			28			22.9			18.3	75											
80	69.5	48	38.9	61	42.6	32.3	53.2	43.4	32.5	43.1	31.8			33.9			26.9			22			17.6	80											
85	65.5	46.6	38.3	57.6	41.2	31.7	50.5	42.2	31.8	41.5	30.9			32.7			25.8			21.2			16.8	85											
90	62	45.3	37.7	54.4	39.9	31.2	48	40.9	31.1	39.9	30			31.5	23.2		24.9			20.4			16.2	90											
95	58.5	44.1	37.3	51.3	38.7	30.6	45.7	39.7	30.5	38.4	29.1	22.8	30.5	22.7			24			19.6			15.5	95											
100	55.2	42.9	37	48.4	37.5	30.1	43.3	38.5	29.9	36.8	28.3	22.7	29.4	22			23.2	16.7		18.9			14.8	100											
105	52	41.8	36.6	45.7	36.6	29.7	40.9	37.4	29.4	35.5	27.6	22.3	28.1	21.3			22.4	16.7		18.2			14.2	105											
110	49	40.8	36.3	43	35.6	29.4	38.6	36.3	28.9	34.1	26.9	21.9	27	20.7			21.6	16.1		17.6			13.7	110											
115	46.5	39.7	36.1	40.8	34.8	29.1	36.6	35.2	28.4	32.5	26.2	21.5	26	20.2	15.7	20.8	15.6			16.9	11.9		13.1	115											
120	44.4	39	35.8	38.9	33.9	28.8	34.8	34	28	30.9	25.5	21.1	25.1	19.6	15.6	19.9	15.1			16.3	11.8		12.6	120											
125	42.3	38.6	35.5	37	33.1	28.5	33.1	32.4	27.6	29.3	24.9	20.8	24.3	19	15.2	19.1	14.6			15.7	11.4		12.1	125											
130	40.4	38.2	35.5	35.3	32.3	28.3	31.5	31	27.3	27.9	24.4	20.5	23.5	18.5	14.9	18.2	14.2			15	11		11.6	130											
135	38.5	37.9	35.5	33.6	31.6	28	30	29.6	27	26.5	23.9	20.1	22.7	18	14.6	17.6	13.7			14.3	10.6		11.1	135											
140	36.6	37.1	35.5	31.9	31	27.8	28.5	28.3	26.8	25.1	23.5	19.9	22	17.5	14.4	17	13.3	10.5	13.7	10.3			10.7	140											
145	34.9	35.7	35.2	30.3	30.6	27.6	27	27	26.5	23.8	23	19.7	21.3	17.1	14.1	16.4	12.9	10.4	13.3	10			10.3	145											
150	33.4	34.3	33.7	28.8	29.4	27.6	25.6	25.7	25.7	22.5	22.6	19.5	20.6	16.7	13.9	15.9	12.5	10.2	12.9	9.7			9.9	150											
155	32	32.8	32.3	27.6	28.2	27.5	24.5	24.5	24.6	21.5	21.8	19.3	19.7	16.4	13.7	15.4	12.1	10	12.5	9.4			9.5	155											
160	30.8	31.5		26.6	27.1	26.9	23.4	23.5	23.5	20.5	20.9	19.1	18.7	16	13.4	14.9	11.8	9.9	12.1	9.1	7.1	9.2	160												
165				25.5	26	25.8	22.4	22.5	22.5	19.6	19.9	19	17.7	15.7	13.2	14.4	11.6	9.7	11.7	8.9	7	8.9	165												
170				24.6	25	24.8	21.5	21.6	21.7	18.7	19	18.8	16.7	15.4	13.1	13.9	11.4	9.5	11.3	8.6	6.9	8.6	170												
175				23.6	24	23.8	20.5	20.8	20.8	17.8	18.1	18.5	15.7	15.1	13	13.5	11.1	9.4	10.9	8.4	6.8	8.2	175												
180				22.7	23		19.6	19.9	20	17	17.3	17.9	15	14.8	12.9	13	10.9	9.3	10.6	8.2	6.6	8	180												
185				21.8			18.7	19.1	19.2	16.2	16.6	17.2	14.5	14.5	12.8	12.6	10.7	9.2	10.3	8	6.5	7.7	185												
190				20.9			18	18.3	18.5	15.5	16	16.5	13.9	14.2	12.6	12.1	10.5	9	9.9	7.8	6.3	7.4	190												
195							17.2	17.5	17.7	15	15.4	15.8	13.4	13.6	12.5	11.4	10.3	8.9	9.6	7.6	6.3	7.1	195												
200							16.6	16.8		14.4	14.8	15.1	12.9	13.1	12.4	10.9	10.1	8.8	9.3	7.5	6.2	6.9	200												
205							16	16.1		13.9	14.2	14.5	12.4	12.6	12.3	10.5	9.9	8.7	9	7.3	6.1	6.6	205												
210										13.3	13.6	13.9	11.9	12.1	12.3	10.1	9.7	8.6	8.7	7.1	6	6.3	210												
215										12.8	13.1	13.3	11.5	11.6	11.8	9.7	9.6	8.5	8.4	7	5.9	6.1	215												
220										12.3	12.5		11	11.2	11.3	9.4	9.5	8.4	8.1	6.8	5.8	5.8	220												
225										11.9	12		10.6	10.8	10.8	9	9.4	8.4	7.9	6.7	5.7	5.6	225												
230										11.3			10.1	10.3	10.4	8.7	9.1	8.4	7.5	6.5	5.6	5.4	230												
235										10.9						9.7	9.9	9.9	8.3	8.7	8.4	7.1	6.3	5.5	5.2	235									
240																9.3	9.5	9.5	8	8.3	8.4	6.8	6.2	5.4	4.9	240									
245																8.9	9		7.6	7.9	8.2	6.4	6.2	5.4	4.6	245									
250																8.5	8.6		7.3	7.6	7.8	6.1	6.1	5.4	4.3	250									
255																8.1	8.3		7	7.2	7.4	5.7	6	5.4	3.9	255									
260																		6.7	6.9	7	5.4	5.8	5.4	3.6	260										
265																		6.4	6.5		5.1	5.5	5.4		265										
270																		6.1	6.2		4.7	5.1	5.3		270										
275																		5.8	5.9		4.4	4.8	5.2		275										
280																		5.5			4.1	4.4	4.8		280										
285																					3.8	4.1			285										
290																					3.5	3.8			290										
295																					3.2	3.4			295										
300																					2.8	3.1			300										

* adapter / pièce d'adaptateur

TAB 146462 / 146472 / 146482

Lifting capacities on the lattice fly jib with guyed telescopic boom Forces de levage à la fléchette treillis fixe avec flèche télescopique haubanée

<div><div>169 ft</div><div>38°</div><div>S</div><div>23 – 184 ft</div><div></div><div>360°</div><div>308600 lbs</div><div><div>85%</div></div></div>																							
 ft	169 ft + 8 ft*																					 ft	
	23 ft			46 ft			69 ft			92 ft			115 ft			138 ft			161 ft				184 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
38	113			94.5																			38
40	112			94																			40
45	104	63		88			72.5																45
50	97	61		82.5			70			52.4			40.6										50
55	90.5	58.6	43.2	77.5	51.5		66.5			51.5			39.9			30.6							55
60	85	56.4	42.3	72.5	49.6		62.5			49.7			38.4			30.4							60
65	80	54.5	41.4	68.5	47.8	34.4	59.3	46.7		47.9			37			29.3			23.8				65
70	75	52.7	40.7	64.5	46.2	33.8	56.1	45.6		46.2			35.7			28.3			23.1			18	70
75	71	51	40.1	61	44.7	33.2	53.2	44.4		44.6	31.8		34.5			27.3			22.2			17.6	75
80	66.5	49.4	39.4	57.7	43.3	32.5	50.5	43.3		43.2	31.6		33.3			26.4			21.4			17	80
85	62.5	47.9	38.8	54.5	41.9	32	47.9	42.2	31.7	41.8	30.7		32.1			25.5			20.7			16.3	85
90	58.9	46.5	38.3	51.5	40.7	31.5	45.5	41.1	31.1	40	29.9		31.1			24.7			19.9			15.7	90
95	55.7	45.3	37.8	48.9	39.5	31	43.2	39.9	30.5	38.1	29.1		30.1	22.2		23.8			19.2			15	95
100	52.8	44.2	37.3	46.5	38.4	30.5	41	38.8	30	36.3	28.3	22.2	29.2	22		23.1			18.5			14.4	100
105	50	43.1	37	44.1	37.3	30	38.8	37.7	29.5	34.5	27.6	22.2	28.2	21.3		22.4			17.9			13.9	105
110	47.5	42.2	36.8	41.9	36.5	29.6	37.1	36.4	29.1	32.8	26.9	21.8	27.3	20.7		21.7	15.9		17.3			13.3	110
115	45.1	41.2	36.5	39.7	35.6	29.3	35.4	34.8	28.6	31.4	26.3	21.5	26.3	20.2		21	15.5		16.7			12.9	115
120	42.7	40.3	36.3	37.7	34.9	29	33.7	33	28.2	30	25.7	21.1	25.3	19.6	15.2	20.3	15		16.1	11.4		12.4	120
125	40.4	39.4	36.1	35.7	34.1	28.8	32.1	31.5	27.8	28.7	25.1	20.8	24.4	19.1	15.2	19.5	14.6		15.6	11.3		11.9	125
130	38.2	38.1	35.8	33.8	33.4	28.5	30.5	30.1	27.4	27.5	24.5	20.5	23.7	18.6	14.9	18.7	14.1		15.1	10.9		11.4	130
135	36.6	36.7	35.6	32	32.1	28.3	29	28.7	27.2	26.2	24	20.2	22.8	18.2	14.6	18	13.8		14.5	10.6		11	135
140	35.3	35.3	34.9	30.3	30.6	28.1	27.5	27.4	26.7	24.9	23.5	19.9	21.8	17.7	14.4	17.4	13.4	10.4	13.9	10.3		10.6	140
145	33.9	33.9	33.6	28.7	29.1	27.8	26.1	26.1	26.1	23.7	23.1	19.7	20.9	17.3	14.2	16.9	13	10.4	13.3	10		10.2	145
150	32.7	32.6	32.3	27.6	27.6	27.5	24.7	24.9	24.9	22.5	22.2	19.5	19.9	16.8	13.9	16.4	12.6	10.2	12.9	9.7		9.8	150
155	31.5	31.3	31	26.6	26.6	26.5	23.4	23.7	23.8	21.3	21.3	19.4	19	16.5	13.7	15.9	12.3	10	12.5	9.4		9.4	155
160	30.3	30.1	29.8	25.6	25.6	25.5	22.2	22.6	22.7	20.2	20.3	19.2	18	16.2	13.5	15.4	12	9.9	12.2	9.2		9.1	160
165	29.1	28.9	28.6	24.6	24.7	24.6	21.1	21.4	21.7	19.1	19.3	19.1	17.1	15.9	13.3	15	11.6	9.7	11.8	8.9		8.8	165
170	28	27.8	27.4	23.7	23.8	23.6	20.3	20.4	20.7	18	18.4	19	16.2	15.6	13.2	14.6	11.4	9.6	11.5	8.7	6.9	8.5	170
175	26.9	26.7		22.8	22.9	22.7	19.6	19.5	19.8	17	17.5	18.2	15.4	15.3	13.1	14	11.2	9.4	11.1	8.4	6.7	8.2	175
180	25.8	25.6		21.9	22	21.8	18.9	18.8	19	16.2	16.7	17.4	14.5	15	13	13.4	11	9.3	10.8	8.2	6.6	7.9	180
185				21	21.2	21	18.2	18.1	18.2	15.6	15.8	16.6	13.7	14.6	12.9	12.7	10.8	9.2	10.5	8	6.5	7.7	185
190				20.2	20.4	20.1	17.5	17.4	17.5	15	15	15.8	12.9	14	12.8	12.1	10.6	9.1	10.2	7.9	6.4	7.4	190
195				19.4	19.6		16.9	16.8	16.8	14.5	14.4	15.1	12.1	13.3	12.6	11.5	10.5	9	9.8	7.7	6.3	7.2	195
200				18.5	18.9		16.2	16.1	16.1	13.9	13.8	14.5	11.5	12.6	12.5	10.9	10.3	8.9	9.4	7.5	6.2	6.9	200
205							15.6	15.5	15.5	13.4	13.3	13.9	11.1	11.9	12.3	10.3	10.1	8.8	8.9	7.4	6.1	6.6	205
210							15	14.9		12.9	12.7	13.3	10.7	11.4	11.9	9.7	9.9	8.7	8.3	7.2	6	6.4	210
215							14.4	14.3		12.4	12.2	12.7	10.3	11	11.4	9.3	9.8	8.6	7.9	7.1	5.9	6.1	215
220							13.9	13.7		11.9	11.7	12.2	10	10.5	10.9	8.9	9.5	8.5	7.4	6.9	5.8	5.7	220
225							13.3			11.4	11.3	11.7	9.6	10.1	10.4	8.6	9.1	8.4	6.9	6.8	5.7	5.3	225
230										11	10.8		9.2	9.7	9.9	8.2	8.6	8.3	6.5	6.6	5.6	4.8	230
235										10.5	10.4		8.9	9.3	9.5	7.9	8.2	8.3	6.1	6.5	5.6	4.4	235
240										10.1	9.9		8.5	8.8	9	7.5	7.8	8.2	5.7	6.4	5.5	4.1	240
245										9.7	9.5		8.2	8.4	8.6	7.2	7.4	7.9	5.4	6.2	5.4		245
250													7.9	8.1	8.2	6.9	7	7.5	5	5.9	5.3		250
255													7.6	7.7	7.8	6.5	6.7	7.1	4.7	5.5	5.3		255
260													7.2	7.4		6.2	6.4	6.7	4.4	5.1	5.3		260
265													6.9	7		5.9	6.1	6.3	4	4.7	5.3		265
270													6.6			5.5	5.7	6	3.7	4.4	5.1		270
275													6.3			5.2	5.4	5.6	3.4	4.1	4.7		275
280																4.9	5.1		3.1	3.8	4.3		280
285																4.6	4.7			3.4	3.9		285
290																4.2	4.4				3.5		290
295																3.9	4.1				3.2		295

* adapter / pièce d'adaptateur

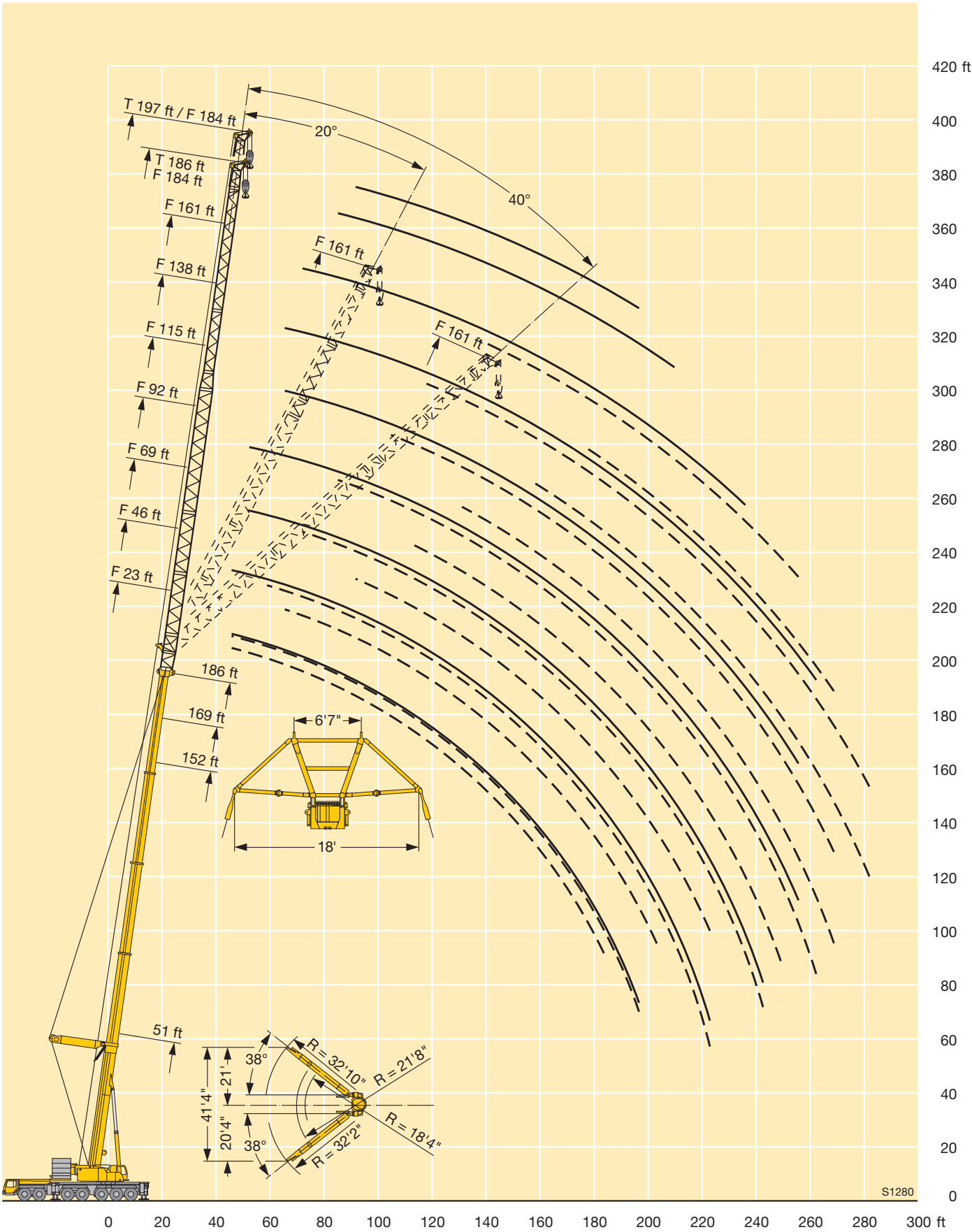
TAB 146462 / 146472 / 146482

Lifting capacities on the lattice fly jib with guyed telescopic boom Forces de levage à la fléchette treillis fixe avec flèche télescopique haubannée

* adapter / pièce d'adaptateur



Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib
Forces de levage à la fléchette treillis relevable

51 – 84 ft

82°

46 – 276 ft

360°

220500 lbs

85%

ft	51 ft + 13 ft*												84 ft + 13 ft*												ft	
	46	69	92	115	138	161	184	207	230	253	276	46	69	92	115	138	161	184	207	230	253	276				
22	262																							22		
24	262																							24		
26	262																							26		
28	262																							28		
30	262											214												30		
32	262	220										214												32		
34	260	219										214												34		
36	256	217										214												36		
38	253	215	170									214	157											38		
40	247	212	169									214	157											40		
45	223	204	166	133								212	157	127										45		
50		195	163	132								194	157	127										50		
55		181	160	130	106								157	127	103									55		
60		165	157	128	104	87							156	127	102	83								60		
65		151	150	126	103	86							145	127	102	82.5	68							65		
70		139	139	125	102	85	69						134	126	101	82	68							70		
75			129	122	100	84	68.5	57.7						121	101	81.5	67.5	55.3						75		
80			120	118	99.5	83	68	57.5						113	101	81.5	67	55.2						80		
85			112	110	98.5	82	67	56.9	46.8					106	101	81	67	54.9	45.9					85		
90			104	103	98	81	66.5	56.3	46.3	39.1				100	96	80.5	66.5	54.6	45.6	37.3				90		
95				97	95	80.5	66	55.8	45.9	38.7	31.4			94	91	80.5	66.5	54.3	45.4	37.1	31			95		
100				91.5	90	80	65.5	55.3	45.4	37.9	31.3				86	80	66	54	45.1	36.8	30.9	24.7		100		
105				86	85	79.5	64.5	54.8	45	37.1	30.9				82	79	66	53.8	44.9	36.6	30.7	24.7		105		
110				81.5	80.5	78.5	64	54.4	44.5	36.4	30.5				77.5	75	66	53.6	44.7	36.4	30.6	24.5		110		
115				71	76	75.5	64	53.9	44.1	35.6	30.1				73.5	71.5	66	53.4	44.5	36.2	30.4	24.3		115		
120					72.5	71.5	63.5	53.4	43.8	34.9	29.6					68.5	65	53.3	44.3	36	30.2	24.1		120		
125					68.5	68	63	52.9	43.4	34.2	29.1					65.5	63	53.3	44.2	35.9	30	24		125		
130					65.5	65	62	52.1	43.1	33.6	28.6					62.5	60	53.2	44.1	35.7	29.8	23.8		130		
135					60.5	62	60	51.3	42.8	32.9	28.1					59.5	57.8	52.9	44.1	35.5	29.5	23.6		135		
140						59	57.7	50.6	42.7	32.3	27.7					56.8	55.5	52.2	44.1	35.4	29.2	23.5		140		
145						56.4	55.1	49.8	42.6	31.7	27.2						53.3	51.2	44.1	35.3	28.8	23.3		145		
150						54	52.7	49.1	42.5	31.2	26.8						51	49.4	44.1	35.3	28.5	23.2		150		
155						51	50.5	48.4	42.3	30.6	26.4						48.9	47.6	44.1	35.3	28.1	23.1		155		
160						45.2	48.4	47.3	42	30.1	26						46.9	45.8	43.5	35.3	27.8	23		160		
165							46.4	45.8	41.6	29.6	25.6							44	42.3	35.3	27.5	22.8		165		
170							44.6	43.9	41.2	29.1	25.3							42.2	40.8	35.3	27.2	22.8		170		
175							42.7	42.2	40.4	28.6	25							40.6	39.4	35.3	26.9	22.8		175		
180							39.7	40.5	39.2	28.2	24.7							39	37.9	35.2	26.6	22.7		180		
185								39	37.7	27.8	24.4							37.5	36.5	34.6	26.3	22.5		185		
190								37.5	36.2	27.4	24.1							36.1	35.1	33.4	26	22.4		190		
195								36.1	34.8	27.1	23.8								33.8	32.3	25.7	22.2		195		
200								33.9	33.5	26.7	23.5								32.5	31.1	25.5	22.1		200		
205									32.3	26.5	23.2									31.3	29.9	25.2	21.9		205	
210									31.1	26.2	23										28.8	25	21.7		210	
215									29.9	26	22.7										27.7	24.8	21.6		215	
220									28.2	25.8	22.5										26.7	24.7	21.4		220	
225									25.7	25.6	22.3										25.7	24.4	21.3		225	
230										25.4	22.1										24.8	23.8	21.2		230	
235										24.9	22										23.9	22.9	21.1		235	
240										23.5	21.8											22.1	20.9		240	
245										21.7	21.6											21.3	20.4		245	
250											21.1											20.5	19.6		250	
255											20.3												19.8	18.8		255
260											19.3													18.1		260
265											17.8													17.4		265
270											15.7													16.8		270
275											13													16.1		275
280																								15.3		280

* adapter / pièce d'adaptateur

TAB 146494



Lifting capacities on the luffing lattice jib
Forces de levage à la fléchette treillis relevable

118 – 186 ft

82°

69 – 276 ft

360°

220500 lbs

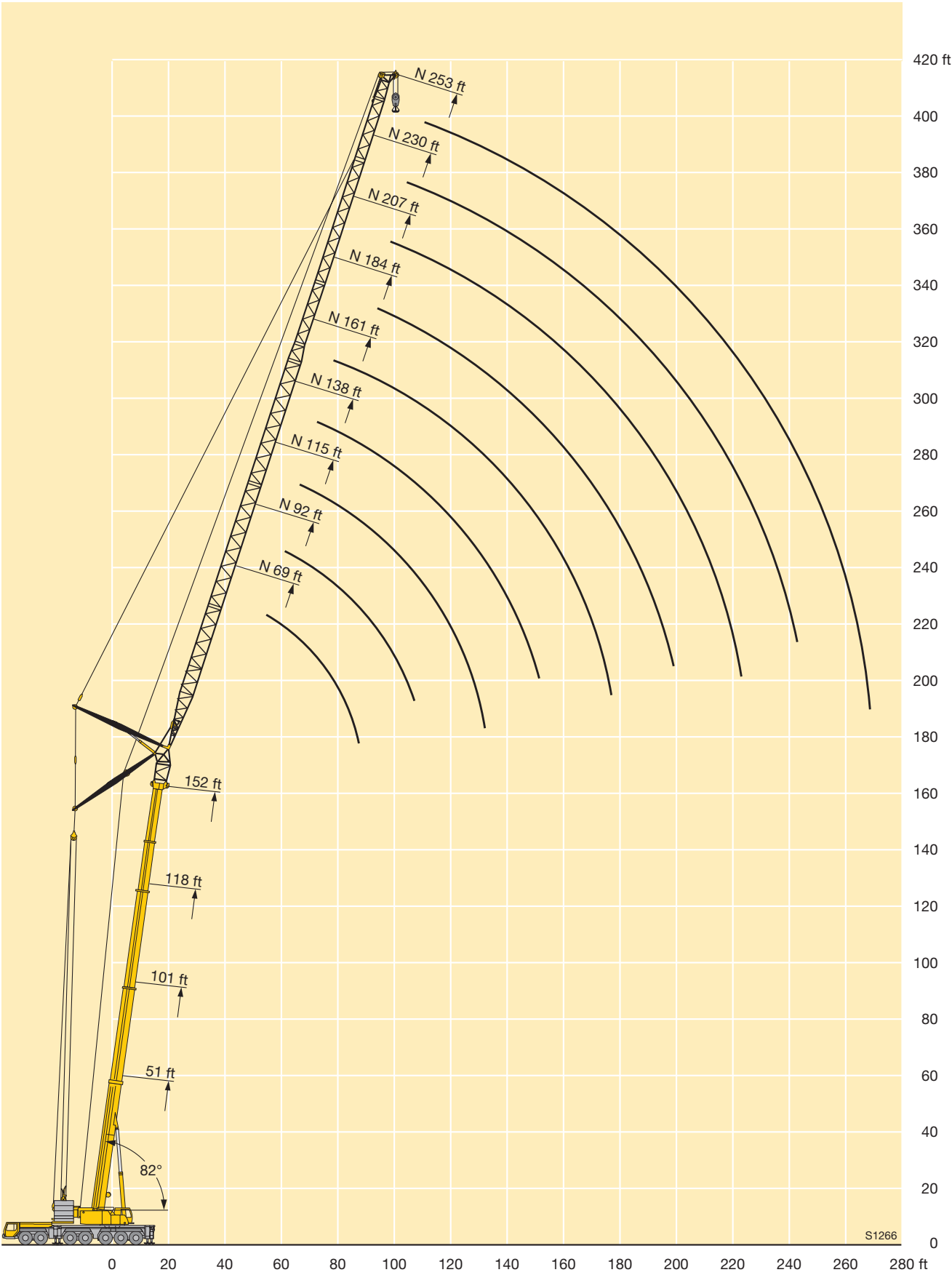
85%

ft	118 ft + 13 ft*										152 ft + 13 ft*										186 ft + 13 ft*						ft
	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	
45	106																										45
50	106																										50
55	106	86	69								66.5																55
60	105	85.5	69								66.5	52.5									39						60
65	103	85	69	56							66	52.5	42.2								38.8	29.4					65
70	100	84.5	68.5	55.8	46.1						65	52.4	42.1	33.8							38.7	29.3					70
75	98	83.5	68.5	55.6	46						64	52.2	41.9	33.7	27						38.6	29.2	22.7				75
80		82	68	55.4	45.9						63	51.9	41.7	33.5	27						38.4	29	22.5	17.2			80
85		80.5	68	55.2	45.7	37.2					62	51.4	41.6	33.4	26.9						38.2	28.9	22.4	17.1	12.1		85
90		79	67.5	55	45.5	37	30.5					50.8	41.4	33.3	26.8	21.1					37.8	28.8	22.3	17	12.1		90
95		78	66.5	54.9	45.3	36.9	30.4	24.5				50.2	41.2	33.2	26.7	21.1	15					28.7	22.2	16.9	12.1	6.8	95
100		77	65.5	54.8	45.2	36.8	30.3	24.4	18.9			49.6	40.8	33.1	26.7	21.1	15	9.5				28.6	22	16.8	12.1	6.8	100
105			64.5	54.8	45	36.6	30.2	24.3	18.9				40.5	32.9	26.6	21	15	9.5				28.5	21.9	16.7	12.1	6.8	105
110			63.5	54.4	44.9	36.5	30.1	24.2	18.9	12.9			40.1	32.7	26.5	20.9	15	9.5	5.3			28.4	21.8	16.6	12.1	6.8	110
115			63	53.8	44.8	36.4	30	24	18.9	12.9			39.8	32.5	26.4	20.9	15	9.5	5.3				21.8	16.5	12.1	6.8	115
120			63	53.1	44.8	36.3	29.9	23.9	18.8	12.9			39.4	32.3	26.3	20.8	15	9.5	5.3				21.7	16.4	12.1	6.8	120
125				52.4	44.7	36.2	29.8	23.8	18.7	12.9			39	32.1	26.2	20.7	15	9.5	5.3				21.6	16.4	12.1	6.8	125
130				52	44.6	36.2	29.6	23.7	18.6	12.9			38.5	31.9	26.1	20.7	15	9.5	5.3				21.6	16.3	12.1	6.8	130
135				51.7	44.1	36.1	29.6	23.6	18.5	12.8				31.7	25.9	20.6	15	9.5	5.3				21.5	16.2	12.1	6.8	135
140				51.4	43.7	36.1	29.5	23.5	18.4	12.8				31.4	25.7	20.6	15	9.5	5.3					16.2	12.1	6.8	140
145				50.8	43.2	36	29.5	23.4	18.3	12.8				31.1	25.6	20.5	15	9.5	5.3					16.1	12.1	6.8	145
150				49	43.1	35.9	29.5	23.4	18.2	12.7				30.8	25.4	20.4	15	9.5	5.3					16.1	12.1	6.8	150
155					43	35.7	29.5	23.4	18.2	12.7					25.3	20.3	15	9.5	5.3					16.1	12.1	6.8	155
160					42.7	35.4	29.5	23.4	18.2	12.6					25.1	20.2	15	9.5	5.3					12.1	6.8	160	
165					42	35.1	29.5	23.4	18.2	12.6					25	20.1	15	9.5	5.3					12	6.8	165	
170					40.6	35.1	29.5	23.4	18.2	12.6					24.8	20.1	15	9.5	5.3					12	6.8	170	
175						35.1	29.5	23.4	18.2	12.6					24.7	20	15	9.5	5.3					12	6.8	175	
180						35	29.5	23.4	18.2	12.6						19.9	15	9.5	5.3						6.8	180	
185						34.5	29.4	23.4	18.2	12.6						19.8	15	9.5	5.3						6.8	185	
190						33.4	29.4	23.4	18.2	12.6						19.7	15	9.5	5.3						6.8	190	
195							29.4	23.4	18.2	12.6						19.6	15	9.5	5.3						6.8	195	
200							29.4	23.4	18.2	12.6							15	9.5	5.3						6.8	200	
205							29.1	23.4	18.2	12.6							15	9.5	5.3							205	
210							28.2	23.4	18.2	12.6							15	9.5	5.3							210	
215							27.3	23.4	18.2	12.6							15	9.5	5.3							215	
220								23.4	18.2	12.6							15	9.5	5.3							220	
225								23.3	18.2	12.6								9.5	5.3							225	
230								23	18.2	12.6								9.5	5.3							230	
235								22.2	18.2	12.6								9.5	5.3							235	
240									18.2	12.6								9.5	5.3							240	
245									18.2	12.6									5.3							245	
250									18.2	12.6									5.3							250	
255									18.1	12.6									5.3							255	
260									17.5	12.6									5.3							260	
265										12.6									5.3							265	
270										12.6																270	
275										12.6																275	
280										12.6																280	

* adapter / pièce d'adaptateur









Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib
Forces de levage à la flèche treillis relevable

 51 – 84 ft		 46 – 276 ft						85%																	
 ft	51 ft + 13 ft*												84 ft + 13 ft*												 ft
	ft												ft												
	46	69	92	115	138	161	184	207	230	253	276	46	69	92	115	138	161	184	207	230	253	276			
38	217																							38	
40	217																							40	
45	213	185																						45	
50	197	184										174												50	
55		176	151									166	149											55	
60		160	150									151	147											60	
65		146	144	121								138	135											65	
70		135	134	119									125	116										70	
75		125	124	117	96								117	112	96									75	
80			115	114	95.5								109	105	95.5									80	
85			108	106	94	78.5							101	98	94									85	
90			101	99.5	93	78									92.5	89	77							90	
95			94.5	93.5	90.5	77	63								87.5	84	76.5	63						95	
100				87.5	86.5	76	63								82.5	79.5	75.5	63						100	
105				82.5	81.5	75.5	62								78	75	72.5	63						105	
110				78	77	74.5	61.5	52							73.5	71.5	69	62.5	51.2					110	
115				74	73	72	61	51.6	42.1							68	65.5	62	51	42.3				115	
120				70.5	69.5	68.5	60.5	51.2	41.9							65	62.5	60	50.8	42.2				120	
125					66	65	59.8	50.7	41.5							62	59.8	57.5	50.6	42				125	
130					62.5	62	59.6	50.3	41.2	34.1						58.9	57.3	55	50.4	41.8	34			130	
135					59.8	59.1	57.6	49.9	40.8	33.6	27.6						54.9	52.7	49.9	41.7	33.9	28.1		135	
140					57.1	56.4	55	49.5	40.5	33	27.5						52.5	50.5	48.7	41.6	33.8	28		140	
145						53.8	52.5	49.3	40.2	32.4	27.3						50.2	48.5	46.7	41.4	33.7	28		145	
150						51.5	50.2	49.1	39.9	31.8	27.1						48	46.6	44.8	41.3	33.5	27.9	22.1	150	
155						49.4	48	47.4	39.6	31.3	26.8						45.9	44.8	43.1	40.7	33.4	27.9	22.1	155	
160						47.3	46	45.3	39.5	30.7	26.5							43	41.4	39.6	33.3	27.9	22	160	
165						45.4	44.1	43.4	39.4	30.2	26.1							41.2	39.9	38	33.2	27.8	22	165	
170						43.6	42.3	41.6	39.4	29.7	25.8							39.6	38.5	36.6	33.1	27.7	22	170	
175							40.7	40	38.4	29.2	25.4							38	37	35.3	32.8	27.4	22	175	
180							39.1	38.4	37	28.8	25.1								35.5	34	31.9	27.1	22	180	
185							37.6	36.9	35.5	28.5	24.8								34.1	32.8	30.8	26.9	22	185	
190							36.2	35.5	34.1	28.1	24.5								32.8	31.7	29.6	26.6	22	190	
195								34.1	32.8	27.7	24.2								31.5	30.5	28.6	26.3	21.9	195	
200								32.9	31.5	27.4	24								30.4	29.3	27.6	25.8	21.9	200	
205								31.7	30.3	27	23.7									28.2	26.6	25.1	21.9	205	
210								30.5	29.2	26.7	23.5									27.1	25.7	24.2	21.9	210	
215								29.4	28.1	26.3	23.3									26.1	24.7	23.3	21.9	215	
220									27.1	25.8	23.1									25.1	23.7	22.5	21.3	220	
225									26.1	25.1	22.8										22.8	21.7	20.5	225	
230									25.1	24.2	22.6										21.9	20.9	19.8	230	
235									24.2	23.3	21.9										21.1	20.1	19	235	
240										22.4	21.1										20.3	19.3	18.3	240	
245										21.6	20.3											18.5	17.6	245	
250										20.8	19.5											17.8	16.9	250	
255										20	18.7											17.1	16.2	255	
260										18.7	18											16.5	15.5	260	
265											17.3											15.8	14.9	265	
270											16.6												14.2	270	
275											16												13.6	275	
280											15.4												13.1	280	
285																							12.5	285	

* adapter / pièce d'adaptateur

TAB 146497



Lifting capacities on the luffing lattice jib
Forces de levage à la fléchette treillis relevable

118 - 186 ft
75°

69 - 276 ft

118 ft + 13 ft*

360°

220500 lbs

85%

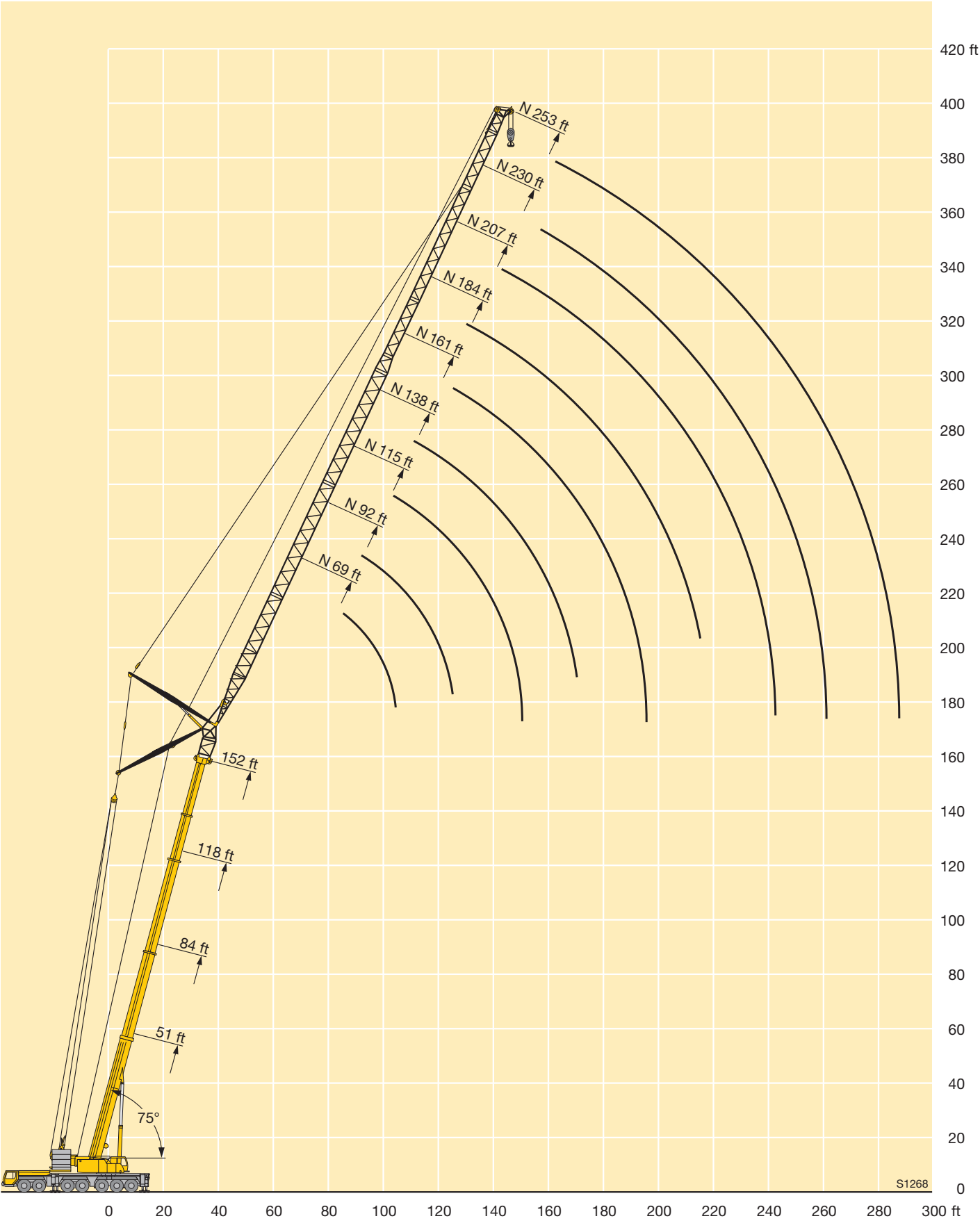
ft	118 ft + 13 ft*										152 ft + 13 ft*										186 ft + 13 ft*						ft
	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	
70	91																										70
75	88.5	78																									75
80	84.5	77																									80
85	81	74.5									55.9																85
90	78	72	63								54.1	47															90
95	75	69.5	62	53.1							52.3	46.3															95
100		67	60.5	52.9							50.6	45.1	37.8									33					100
105		65	58.9	52								43.9	37.8									32.7	26.5				105
110		63	57.4	51	43.6							42.7	36.9	31.1								31.5	26.5				110
115		61	55.8	50	43.4	35.1						41.5	36.1	30.7								30.4	25.8				115
120			54.3	48.9	42.9	35						40.3	35.3	30.1	25							25.1	20.4				120
125			52.8	47.9	42.3	35							34.5	29.5	25							24.4	20.2				125
130			51.4	46.7	41.6	34.9	28.6						33.6	28.8	24.6	19.8						23.7	19.8				130
135			49.9	45.5	40.9	34.7	28.6						32.8	28.3	24.2	19.7						22.9	19.3	15.3			135
140				44.4	40.1	34.4	28.5	22.6					32.1	27.7	23.7	19.4	14.3						22.2	18.7	15	10.9	140
145				43.3	39.2	33.9	28.4	22.6					31.3	27	23.3	19.2	14.3						18.2	14.6	10.9		145
150				42.3	38.4	33.4	28.3	22.6	18				30.8	26.4	22.9	18.8	14.3						17.1	13.9	10.9	6.1	150
155				40.9	37.6	32.9	28.2	22.6	18					25.9	22.5	18.5	14.3	9					16.6	13.5	10.9	6.1	155
160				39.4	36.8	32.3	28	22.6	18	12.1				25.3	22.1	18.2	14.3	9	4.9					13.1	10.8	6.1	160
165					35.9	31.7	27.6	22.6	18	12.1				24.8	21.6	17.8	14.3	9	4.9					12.7	10.5	6.1	165
170					34.8	31.1	27.3	22.6	18	12.1				24.4	21.2	17.5	14.3	9	4.9					12.4	10.3	6.1	170
175					33.6	30.5	26.9	22.5	18	12.1					20.8	17.2	14	9	4.9					12	10	6.1	175
180					32.4	29.9	26.5	22.4	18	12.1					20.5	16.9	13.8	9	4.9					11.7	9.8	6.1	180
185						29.2	26.1	22.1	18	12.1					20.2	16.6	13.5	9	4.9						9.6	6.1	185
190						28.2	25.7	21.8	18	12.1					19.9	16.3	13.3	9	4.9						9.3	6.1	190
195						27.2	25.3	21.5	18	12.1					19.8	16	13.1	9	4.9						9.1	6.1	195
200						26.3	24.9	21.2	18	12.1						15.7	12.9	9	4.9						8.9	6.1	200
205						25.5	24.3	20.8	17.9	12.1						15.5	12.6	9	4.9							6.1	205
210							23.5	20.5	17.6	12.1						15.3	12.4	9	4.9							6.1	210
215							22.7	20.2	17.3	12.1						15.2	12.2	9	4.9							6.1	215
220							21.9	19.8	17	12.1							12	9	4.9							6	220
225							21.2	19.3	16.8	12.1							11.8	9	4.9							5.8	225
230								18.6	16.5	12.1								11.7	9	4.9							230
235								18	16.2	12.1								11.7	9	4.9							235
240								17.3	15.9	12.1								11.6	8.9	4.9							240
245								16.7	15.4	12.1									8.8	4.9							245
250								16.2	14.8	12.1									8.7	4.9							250
255								15.6	14.2	12.1									8.7	4.9							255
260									13.7	11.9									8.6	4.9							260
265									13.2	11.5										4.9							265
270									12.7	11										4.9							270
275									12.2	10.5										4.9							275
280										10.1										4.9							280
285										9.6										4.9							285
290										9.2																	290
295										8.8																	295
300										8.5																	300

* adapter / pièce d'adaptateur

TAB 146497










Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib
Forces de levage à la fléchette treillis relevable









 51 – 84 ft		 46 – 276 ft		 360°		 220500 lbs		 85%																	
 ft	51 ft + 13 ft*											84 ft + 13 ft*											 ft		
	ft											ft													
	46	69	92	115	138	161	184	207	230	253	276	46	69	92	115	138	161	184	207	230	253	276			
50	179																							50	
55	171																							55	
60	156																							60	
65	143	140										129												65	
70		131										120												70	
75		121	120									111	103											75	
80		112	111										101											80	
85		105	104	102									94.5											85	
90			97	95.5									89	83.5										90	
95			91	89.5	84.5								83.5	80.5										95	
100				85.5	84.5	83									76.5	69.5								100	
105					79.5	78									72.5	69.5								105	
110					75	74	71								68.5	66								110	
115					71	70	68.5								65	62.5	58.4							115	
120					67.5	66.5	65.5	57.2								59.8	57.4							120	
125					64	63	62	57.1								57.1	54.7							125	
130					61	60	59.2	56.6								54.5	52.4	49.5						130	
135						57.2	56.4	54.8	47.2							52	50.1	47.9	44.9					135	
140						54.6	53.8	52.4	47.1							49.6	48.1	45.9	44.1					140	
145						52.2	51.4	50	46.8								46.1	44	42.2					145	
150						49.9	49.2	47.8	46.4	38							44.1	42.3	40.5	38.2				150	
155							47.1	45.7	44.9	37.9							42.2	40.6	38.9	37				155	
160							45.1	43.8	43	37.7	30.6							39.1	37.4	35.5	31.1			160	
165							43.3	41.9	41.2	37.6	30.5							37.6	35.9	34.1	31			165	
170							41.5	40.2	39.5	37.5	30.1							36.1	34.6	32.7	30.5			170	
175							39.9	38.6	37.8	36.3	29.6	24.8						34.6	33.3	31.5	29.4	25.9		175	
180								37.1	36.3	34.9	29.2	24.8						33.2	32.1	30.3	28.2	25.9		180	
185								35.6	34.9	33.5	28.8	24.8						31.9	30.9	29.2	27.1	25.6		185	
190								34.3	33.5	32.1	28.4	24.7						30.7	29.6	28.1	26.1	24.5		190	
195								33	32.2	30.8	28.1	24.4							28.5	27.1	25.1	23.6	20.4	195	
200									31	29.6	27.7	24.1							27.4	26.2	24.2	22.6	20.4	200	
205									29.8	28.5	27.2	23.9							26.3	25.2	23.3	21.8	20.2	205	
210									28.7	27.4	26.4	23.7								24.2	22.4	20.9	19.7	210	
215									27.7	26.3	25.3	23.4								23.2	21.6	20.1	18.9	215	
220									26.7	25.3	24.3	22.8								22.3	20.8	19.4	18.2	220	
225										24.4	23.4	22								21.5	20	18.6	17.4	225	
230										23.5	22.5	21.1								20.7	19.2	17.9	16.7	230	
235										22.6	21.6	20.3								19.9	18.4	17.3	16.1	235	
240										21.8	20.8	19.4									17.7	16.6	15.4	240	
245											20	18.6									17	15.9	14.8	245	
250											19.2	17.9										16.3	15.2	14.2	250
255											18.5	17.2										15.7	14.6	13.6	255
260											17.8	16.5											14	13	260
265											17.2	15.8											13.4	12.4	265
270												15.2											12.8	11.8	270
275												14.6											12.3	11.4	275
280												14											11.9	10.9	280
285												13.4												10.4	285
290																							10	290	
295																								9.6	295
300																								9.2	300

* adapter / pièce d'adaptateur

TAB 146500



Lifting capacities on the luffing lattice jib
Forces de levage à la flèche treillis relevable

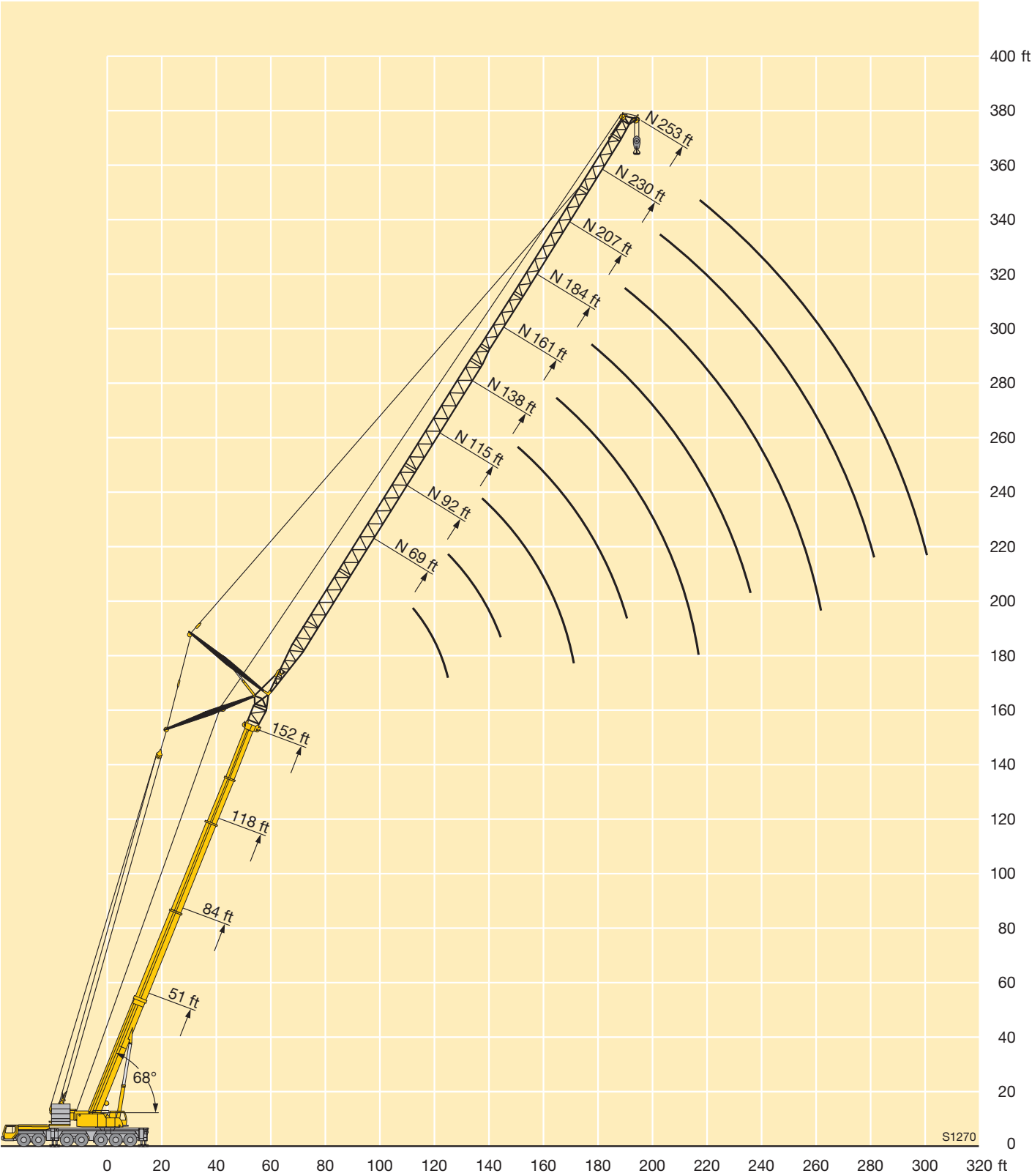
		 118 – 186 ft										 69 – 276 ft																				 360°										 220500 lbs										 85%									
 ft	118 ft + 13 ft*										152 ft + 13 ft*										186 ft + 13 ft*										 ft																														
	ft										ft										ft																																								
	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	69	92	115	138	161	184																																				
95	68																									95																																			
100	64.5	56																								100																																			
105	61.5	56																								105																																			
110	59	56									41.3															110																																			
115		54.4	49.6								40.1															115																																			
120		52.3	48.9								38.5	34.4														120																																			
125		50.4	47.1									34.3														125																																			
130		48.4	45.4	42.1								33									22.5					130																																			
135			43.6	41								31.9	28								21.8					135																																			
140			41.9	39.6	35.8							30.8	27.6									17.6				140																																			
145			40.2	38.2	35.6								26.6									17.5				145																																			
150			38.6	36.6	34.5								25.7	22.6								16.8				150																																			
155			37.2	35.2	33.3	29.6							24.9	22								16.2	13.1			155																																			
160				33.9	32	29.2							24.2	21.2	18.5								12.8			160																																			
165				32.6	30.7	28.3							23.5	20.5	18.4								12.3			165																																			
170				31.4	29.5	27.4	24.7						22.8	19.8	17.8								11.9	9.7		170																																			
175				30.3	28.4	26.3	24.2							19.3	17.2	14.1							11.5	9.5		175																																			
180					27.4	25.3	23.6	20						18.7	16.7	13.9							11.2	9.1	7.3	180																																			
185					26.4	24.3	23	19.9						18.2	16.2	13.5								8.8	7.3	185																																			
190					25.5	23.4	22.3	19.4						17.7	15.7	13	11							8.6	7	190																																			
195					24.6	22.5	21.4	18.9	16.3						15.3	12.6	10.7							8.3	6.8	4.8	195																																		
200					23.8	21.7	20.6	18.4	16						14.8	12.2	10.4	8.1						8	6.5	4.6	200																																		
205						20.9	19.8	17.9	15.6	12.1					14.4	11.9	10.1	8							6.3	4.4	205																																		
210						20.2	19.1	17.1	15.2	12.1					14	11.6	9.8	7.8							6.1	4.2	210																																		
215						19.5	18.4	16.4	14.8	11.9					13.8	11.3	9.6	7.5	4.9						5.9	4	215																																		
220						18.8	17.7	15.8	14.3	11.7						11	9.3	7.3	4.9						5.6	3.8	220																																		
225							17	15.1	13.8	11.4						10.7	9	7	4.9						5.4	3.6	225																																		
230							16.4	14.5	13.1	11.2						10.5	8.8	6.8	4.9							3.4	230																																		
235							15.8	13.9	12.6	10.7						10.3	8.5	6.6	4.9							3.2	235																																		
240							15.3	13.4	12	10.2							8.3	6.4	4.8							3	240																																		
245							14.7	12.8	11.5	9.7							8.1	6.2	4.7							2.8	245																																		
250								12.3	11	9.2							7.9	6	4.5									250																																	
255								11.8	10.5	8.7							7.7	5.8	4.4									255																																	
260								11.4	10	8.3							7.6	5.6	4.2									260																																	
265								10.9	9.6	7.8								5.4	4									265																																	
270									9.1	7.4								5.2	3.8									270																																	
275									8.7	7								5	3.6									275																																	
280									8.3	6.6								4.9	3.5									280																																	
285									7.9	6.2									3.3									285																																	
290									7.6	5.8									3.1									290																																	
295									7.2	5.4									3									295																																	
300										5.1									2.9									300																																	
305										4.8																		305																																	
310										4.5																		310																																	

* adapter / pièce d'adaptateur

TAB 146500












Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib with guyed telescopic boom

Forces de levage à la fléchette treillis relevable avec flèche télescopique haubannée

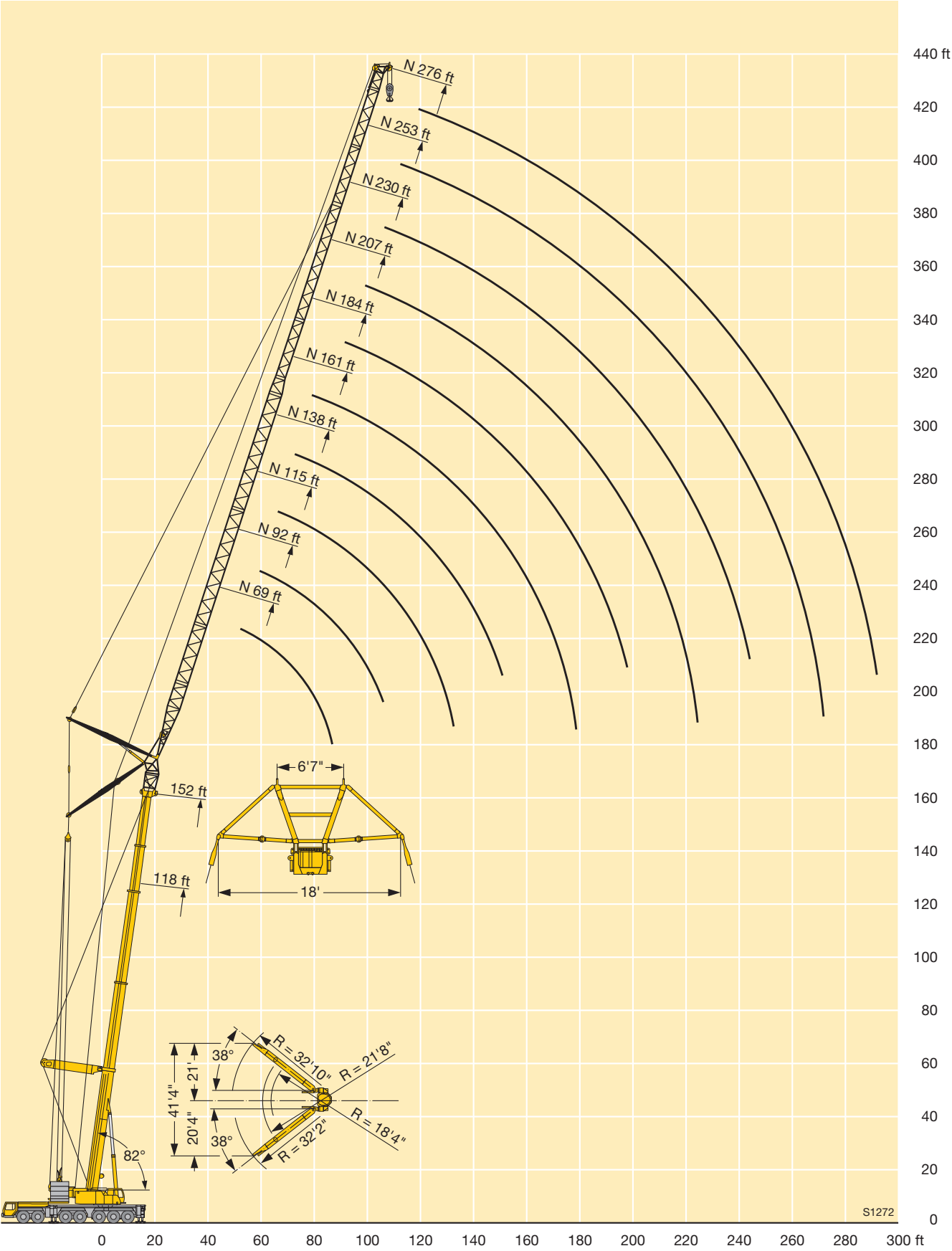
																												
	118 + 13 ft*										152 ft + 13 ft*										186 ft + 13 ft*							
	ft										ft										ft							
69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	ft	
45	154									113																	45	
50	147	129								110	96																50	
55	139	127	105							104	95																55	
60	131	122	104																								60	
65	123	117	104	82						99.5	91	81.5															65	
70	116	112	100	82	66.5					95.5	87	78.5	66.5														70	
75	109	107	97	82	66.5					92	83.5	76	66.5	55.8													75	
80		102	94	82	66.5					89	80.5	73	66	55.8													80	
85		97	91	81.5	66.5					87	77.5	70.5	64	55.8													85	
90		92	88.5	79	66.5	54.1					74.5	68	61.5	55.4													90	
95		87	85.5	77	66.5	54.1	44.5				72.5	66	59.6	54.3	43.7												95	
100		81.5	82	74.5	66	54.1	44.5	36			71	64	57.6	52.6	43.7	36.1											100	
105			78	72.5	65.5	54.1	44.5	36	30			62	55.8	51	43.7	36.1	28.2										105	
110			74.5	70.5	63.5	54.1	44.5	36	30			60	54.1	49.5	43.6	36.1	28.2										110	
115			70.5	68.5	62	54.1	44.5	36	30	23.5		59.1	52.5	48.1	42.8	36.1	28.2	22.6									115	
120			66.5	66	60.5	53.7	44.5	36	30	23.5		58.1	50.9	46.7	41.6	36.1	28.2	22.6	17.2								120	
125				63	59.1	52.5	44.5	36	30	23.5		57	49.5	45.4	40.4	36	28.2	22.6	17.2								125	
130				60.5	57.7	51.3	44.5	36	30	23.5		54.6	48.3	44.2	39.3	35	28.2	22.6	17.2								130	
135				58.2	55.7	50.2	44.4	36	30	23.5			47.7	43	38.3	34.1	28.2	22.6	17.2								135	
140				55.7	53.6	49.1	44	36	30	23.5			47.2	41.9	37.3	33.2	28.2	22.6	17.2								140	
145				52.8	51.6	48	43.2	36	30	23.5			46.7	40.8	36.3	32.4	28.1	22.6	17.2								145	
150				49	49.6	47	42.4	36	30	23.5			45.6	40.1	35.4	31.7	27.6	22.6	17.2								150	
155					47.9	45.8	41.6	35.7	29.9	23.5				39.8	34.5	31	27.1	22.6	17.2								155	
160					46	44.4	40.9	35.3	29.8	23.5				39.6	33.7	30.3	26.5	22.6	17.2								160	
165					44.2	42.8	40.1	34.8	29.5	23.5				39.3	33	29.6	26	22.5	17.2								165	
170					42.4	41.3	39.3	34.2	29.1	23.5				38.6	32.6	29	25.5	22	17.2								170	
175						39.8	38	33.7	28.7	23.5				36.9	32.5	28.3	25	21.6	17.2								175	
180						38.3	36.7	33.2	28.2	23.5					32.5	27.7	24.5	21.2	17.2								180	
185						36.8	35.5	32.8	27.9	23.5					32.3	27.3	24	20.8	17.1								185	
190						35.4	34.3	32.2	27.5	23.5					32	27.2	23.5	20.5	16.9								190	
195							33	31.1	27.1	23.4					31	27.2	23.1	20.1	16.6								195	
200							31.8	30.1	26.8	23.3						27.1	22.7	19.7	16.3								200	
205							30.6	29	26.5	23.1						27	22.5	19.4	16								205	
210							29.5	28	26.1	22.9						26.8	22.4	19.1	15.7								210	
215							28.4	27	25.8	22.7						26.1	22.4	18.7	15.4								215	
220								26	25.3	22.5						24.9	22.3	18.5	15.1								220	
225								25	24.5	22.2							22.3	18.4	14.8								225	
230								24.1	23.6	22							22	18.3	14.5								230	
235								23.2	22.7	21.3							21.4	18.3	14.2								235	
240								21.9	20.5								20.5	18.3	14.1								240	
245								21	19.7									18.2	14								245	
250								20.3	19									18.1	14								250	
255								19.5	18.2									17.6	14								255	
260								18.8	17.5									16.9	14								260	
265									16.8									16.1	13.9								265	
270									16.2										13.9								270	
275									15.5										13.8								275	
280									14.9										13.3								280	
285																			12.7								285	

* adapter / pièce d'adaptateur

TAB 146503










Lifting heights

Hauteurs de levage



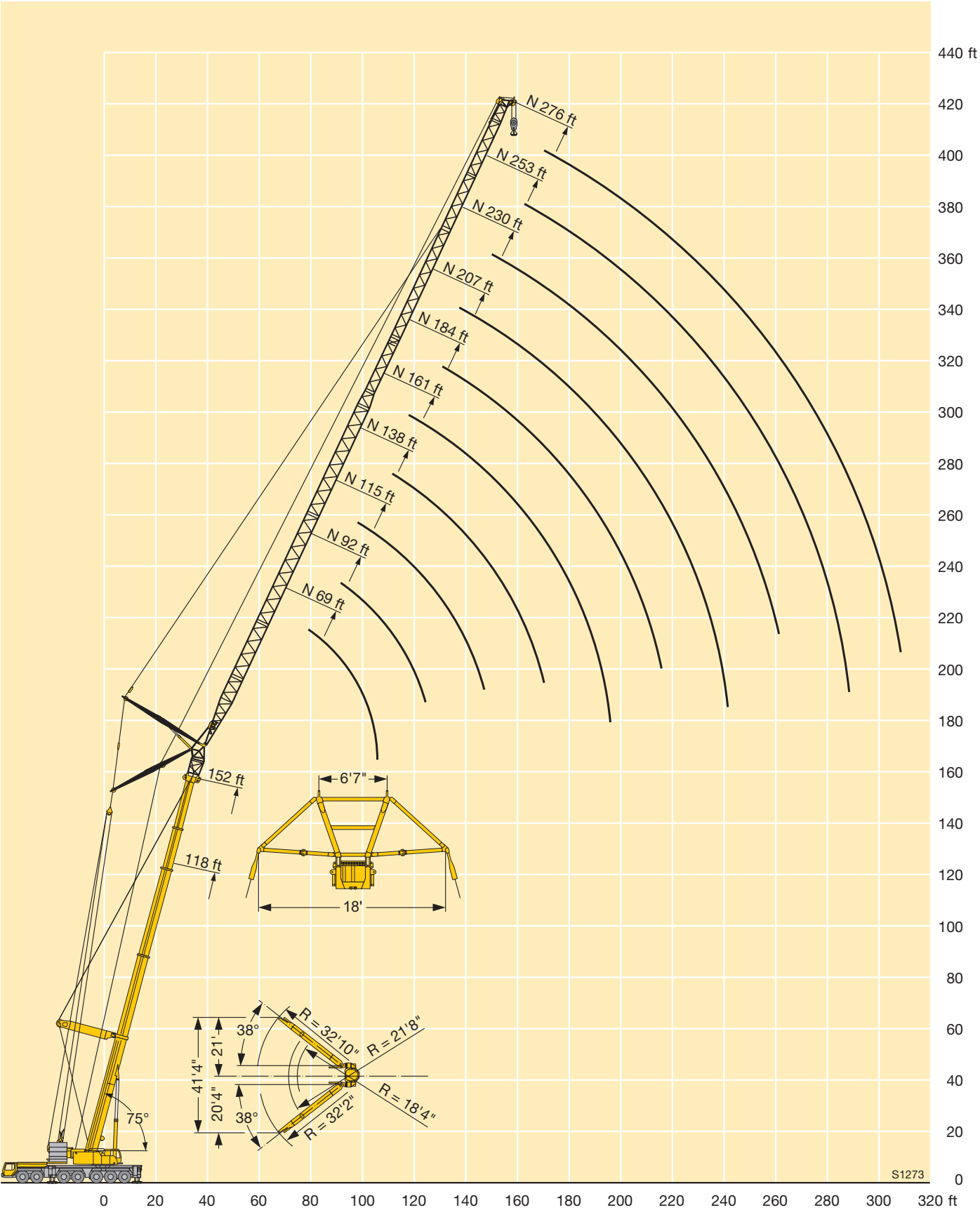


Lifting capacities on the luffing lattice jib with guyed telescopic boom
Forces de levage à la fléchette treillis relevable avec flèche télescopique haubanée

																															
	118 + 13 ft*										152 ft + 13 ft*										186 ft + 13 ft*										
	ft										ft										ft										
ft	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	ft			
70	111																											70			
75	106	96.5																										75			
80	99.5	95.5									77.5																	80			
85	93.5	89.5									74																	85			
90	88	84.5	79.5								70.5	65																90			
95	83.5	80	76.5	69.5							68	63	56.9															95			
100			75.5	72.5	68.5						65.5	60.5	56.2															100			
105			72	69	66.5							58.2	54															105			
110			68.5	65.5	63	58						56.2	51.9	47.2														110			
115			65.5	62.5	60	56.9	50					54.3	50	46	41.7													115			
120				59.6	57.2	54.9	49.5					52.8	48.4	44.3	41.2													120			
125				57	54.7	52.3	48.2						46.9	42.7	39.7													125			
130				54.6	52.3	50.1	47	41.7					45.5	41.2	38.4	34.2												130			
135				52.4	50.1	47.9	45.7	41	34.9				44.2	39.9	37.1	33.3	29.3											135			
140					48.1	45.9	44.2	40	34.6				43.2	38.8	35.8	32.2	28.9											140			
145					46.2	44.1	42.4	39	33.8				42.5	37.7	34.7	31.1	28											145			
150					44.4	42.3	40.6	38.2	33.1	28.8			41.6	36.6	33.8	30.1	27.1	23.7										150			
155					42.8	40.7	39	37	32.5	28.4				35.6	33	29.1	26.3	23.2										155			
160					41.1	39.2	37.5	35.6	31.8	27.9				34.9	32.1	28.3	25.5	22.5	19.1									160			
165						37.8	36.1	34.3	31.2	27.4	22.6				34.3	31.4	27.6	24.7	21.9	19								165			
170						36.4	34.8	32.9	30.6	26.9	22.6				33.7	30.6	27	23.9	21.3	18.5	15							170			
175						35.1	33.5	31.7	29.6	26.4	22.4				29.9	26.4	23.3	20.7	18	14.6								175			
180						33.7	32.3	30.5	28.4	26	22.1				29.4	25.8	22.7	20.1	17.5	14.3								180			
185							31.2	29.4	27.3	25.6	21.8				28.9	25.2	22.2	19.6	17.1	13.9								185			
190							30.1	28.4	26.3	25.1	21.5				28.1	24.6	21.8	19.1	16.6	13.5								190			
195							29	27.4	25.3	24.4	21.2				27.2	24.1	21.3	18.6	16.2	13.1								195			
200							27.8	26.4	24.4	23.6	20.9					23.8	20.8	18.2	15.7	12.8								200			
205							26.8	25.5	23.5	22.7	20.5					23.3	20.4	17.8	15.3	12.5								205			
210								24.6	22.7	21.8	20					22.6	19.9	17.4	15	12.1								210			
215								23.6	21.9	21	19.2					21.9	19.5	17	14.6	11.8								215			
220								22.7	21.1	20.3	18.5						19.2	16.6	14.3	11.5								220			
225								21.9	20.3	19.5	17.7						18.8	16.2	14	11.3								225			
230									19.6	18.8	17						18.2	15.8	13.6	11								230			
235									18.8	18.1	16.4						17.6	15.5	13.3	10.8								235			
240									18.1	17.5	15.7						17	15.3	13	10.5								240			
245									17.3	16.8	15.1							15	12.7	10.3								245			
250									16.7	16.1	14.5							14.5	12.4	10.1								250			
255									16	15.4	13.9							14	12.1	9.9								255			
260										14.8	13.4							13.5	11.9	9.6								260			
265										14.2	12.8								11.6	9.4								265			
270										13.6	12.2									11.2	9.2							270			
275										13	11.8									10.7	8.9							275			
280											11.4									10.3	8.5							280			
285											10.9									9.9	8.1							285			
290											10.5										7.8							290			
295											10.1										7.4							295			
300											9.7										7							300			
305																					6.7							305			



Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib with guyed telescopic boom

Forces de levage à la fléchette treillis relevable avec flèche télescopique haubanée

118 – 186 ft		38°				69 – 276 ft				360°		220500 lbs		85%																																		
118 + 13 ft*																											152 ft + 13 ft*											186 ft + 13 ft*										
ft																											ft											ft										
69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207	230	253	276	69	92	115	138	161	184	207																						
90	75.5																										90																					
95	73																										95																					
100	69	62.5																									100																					
105	65.5	62.5								55.6																	105																					
110	62.5	59.4								53.1																	110																					
115		56.6	52.3							50.9	46.6																115																					
120		54	51.4							49	45.9											37.2					120																					
125		51.6	49								43.9											35.5					125																					
130		49.5	46.9	44.2							42.2	39										34	31.2				130																					
135			44.9	42.8							40.6	37.8										32.7	30.2				135																					
140			43.1	41	37.4						39.1	36.4	32.5										28.9	25.2			140																					
145			41.4	39.3	37.2							35.1	32.3										27.7	25.1			145																					
150			39.8	37.7	35.7							33.9	31										26.7	24			150																					
155			38.2	36.2	34.2	31.9						32.6	29.9	27.6								25.7	23	20.6			155																					
160				34.9	32.9	31.2						31.4	28.8	27.2									22.1	20.2			160																					
165				33.5	31.6	30						30.2	27.8	26.2									21.4	19.3			165																					
170				32.3	30.4	28.8	26.8					29.1	26.7	25.3	22.5								20.7	18.5	16.5		170																					
175				31	29.3	27.7	25.8						25.7	24.4	21.9								20.1	17.8	15.9		175																					
180					28.2	26.6	24.8	22					24.8	23.5	21.2	18.4							19.7	17.2	15.3	12.4	180																					
185					27.2	25.6	23.8	21.8					23.9	22.6	20.4	18.3								16.7	14.7	12.3	185																					
190					26.2	24.7	22.9	20.8					23	21.8	19.7	17.7								16.1	14.1	11.8	190																					
195					25.2	23.8	22	20	18.9					21	18.9	17	14.8							15.6	13.6	11.3	9.6	195																				
200					24.2	22.9	21.2	19.2	18.4	15.9				20.2	18.2	16.4	14.4							15.3	13.2	10.9	9.3	200																				
205						22.1	20.4	18.4	17.6	15.7				19.5	17.5	15.7	13.9	11.7							12.8	10.5	8.9	205																				
210						21.3	19.6	17.6	16.8	15				18.8	16.8	15.1	13.4	11.7							12.4	10.2	8.6	210																				
215						20.4	18.9	16.9	16.1	14.3				18.2	16.1	14.4	12.9	11.3							12	9.8	8.2	215																				
220					19.6	18.2	16.2	15.5	13.6						15.5	13.8	12.4	11	8.8						11.7	9.5	7.8	220																				
225						17.5	15.6	14.8	13						15	13.3	11.9	10.5	8.6						11.6	9.2	7.5	225																				
230						16.8	15	14.2	12.4						14.4	12.7	11.4	10	8.2								8.9	7.2	230																			
235						16.2	14.4	13.6	11.8						13.9	12.2	10.9	9.5	7.7								8.5	6.9	235																			
240						15.5	13.8	13	11.2							11.7	10.4	9	7.2								8.3	6.6	240																			
245						14.8	13.3	12.5	10.7							11.2	9.9	8.5	6.7								8.1	6.3	245																			
250							12.7	11.9	10.2							10.8	9.4	8.1	6.3									6.1		250																		
255							12.2	11.4	9.7							10.4	9	7.6	5.8									5.8		255																		
260							11.7	11	9.2							10	8.6	7.2	5.4									5.6		260																		
265							11.3	10.5	8.7								8.2	6.8	5									5.5		265																		
270								10	8.3									7.8	6.4	4.7										270																		
275								9.6	7.9									7.4	6	4.3										275																		
280								9.2	7.5									7	5.7	3.9										280																		
285								8.8	7.1										5.3	3.6										285																		
290								8.4	6.7										5	3.3										290																		
295								8.1	6.3										4.7	2.9										295																		
300									6										4.4	2.6										300																		
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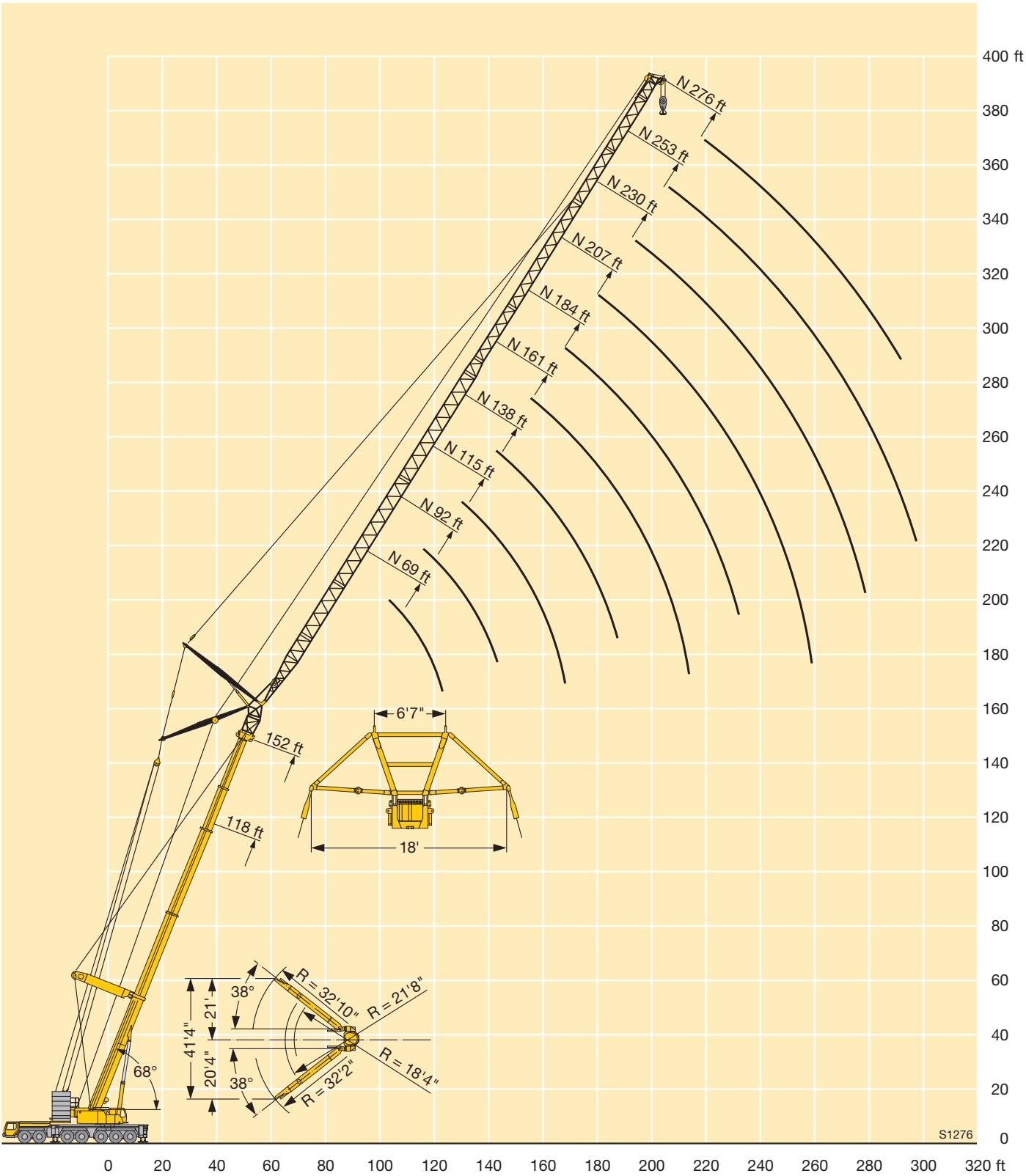
* adapter / pièce d'adaptateur

TAB 146509

* adapter / pièce d'adaptateur



Lifting heights
Hauteurs de levage





Lifting capacities on the luffing lattice jib with guyed telescopic boom
Forces de levage à la fléchette treillis relevable avec flèche télescopique haubannée

<div><div><div>118 – 186 ft</div><div>68°</div></div><div><div>38°</div><div>Y</div></div><div><div>S</div></div><div><div>115 – 276 ft</div></div><div><div></div></div><div><div>360°</div></div><div><div>264600 lbs</div></div><div><div>85%</div></div></div>																						
<div><div></div><div>ft</div></div>	118 ft + 13 ft*								152 ft + 13 ft*								186 ft + 13 ft*					<div><div></div><div>ft</div></div>
	ft								ft								ft					
	115	138	161	184	207	230	253	276	115	138	161	184	207	230	253	276	115	138	161	184	207	
115	61																					115
120	59.9																					120
125	57.5																					125
130	54.8	51.7							39													130
135	52.3	50.4							37.8													135
140	49.9	48.5	44.1						36.4	32.5							25.2					140
145	47.7	46.4	43.9						35.1	32.3							25.1					145
150	45.7	44.4	42.5						34.1	31							24					150
155	43.8	42.5	41	37.3					33.1	29.9	27.6						23	20.6				155
160		40.7	39.5	36.8					32.3	28.9	27.2						22.1	20.2				160
165		39.1	37.8	35.8					31.6	28.1	26.2						21.4	19.3				165
170		37.5	36.2	34.9	31.6				31.5	27.4	25.3	22.5					20.7	18.5	16.5			170
175		36	34.8	33.6	31					26.7	24.6	21.9					20.1	17.8	15.9			175
180			33.4	32.3	30.3	26.2				26	23.9	21.2	18.4				19.7	17.2	15.3	12.4		180
185			32.1	31	29.6	26				25.5	23.3	20.5	18.3					16.7	14.7	12.3		185
190			30.8	29.7	28.4	25.4				25.3	22.7	19.8	17.7					16.1	14.1	11.8		190
195			29.7	28.6	27.3	24.9	21.9				22.1	19.3	17	14.8				15.6	13.6	11.3	9.6	195
200			28.6	27.4	26.2	24.3	21.6	18.4			21.5	18.8	16.4	14.4				15.3	13.2	10.9	9.3	200
205				26.4	25.1	23.6	21.1	18.3			21.1	18.2	15.9	13.9	11.7				12.8	10.5	8.9	205
210				25.4	24.1	22.6	20.7	17.9			20.8	17.6	15.3	13.4	11.7				12.4	10.2	8.6	210
215				24.4	23.2	21.6	20.2	17.5			20.8	17	14.8	12.9	11.3				12	9.8	8.2	215
220				23.5	22.3	20.7	19.8	17.1				16.5	14.3	12.4	11	8.8			11.7	9.5	7.8	220
225					21.4	19.9	19.3	16.8				16.1	13.9	11.9	10.6	8.7			11.6	9.2	7.5	225
230					20.6	19.1	18.6	16.4				15.9	13.4	11.6	10.1	8.3				8.9	7.2	230
235					19.8	18.3	17.7	16.1				15.8	12.9	11.2	9.7	7.9				8.5	6.9	235
240					19.1	17.6	17	15.5					12.5	10.8	9.4	7.5				8.3	6.6	240
245					18.4	16.8	16.3	14.9					12.2	10.5	9	7.2				8.1	6.3	245
250						16.1	15.6	14.2					12	10.2	8.7	6.8					6.1	250
255						15.5	14.9	13.5					12	9.8	8.4	6.4					5.8	255
260						14.9	14.3	12.8					12	9.5	8.1	6.2					5.6	260
265						14.3	13.7	12.3						9.3	7.8	5.9					5.5	265
270							13.1	11.8						9.1	7.5	5.6						270
275							12.5	11.4						9.1	7.3	5.4						275
280							12.1	11						9.1	7	5.1						280
285							11.7	10.6							6.7	4.9						285
290							11.3	10.2							6.6	4.6						290
295							10.9	9.8							6.6	4.4						295
300								9.4							6.6	4.1						300
305								9								3.9						305
310								8.7								3.8						310
315																3.8						315
320																3.8						320
325																3.8						325

* adapter / pièce d'adaptateur

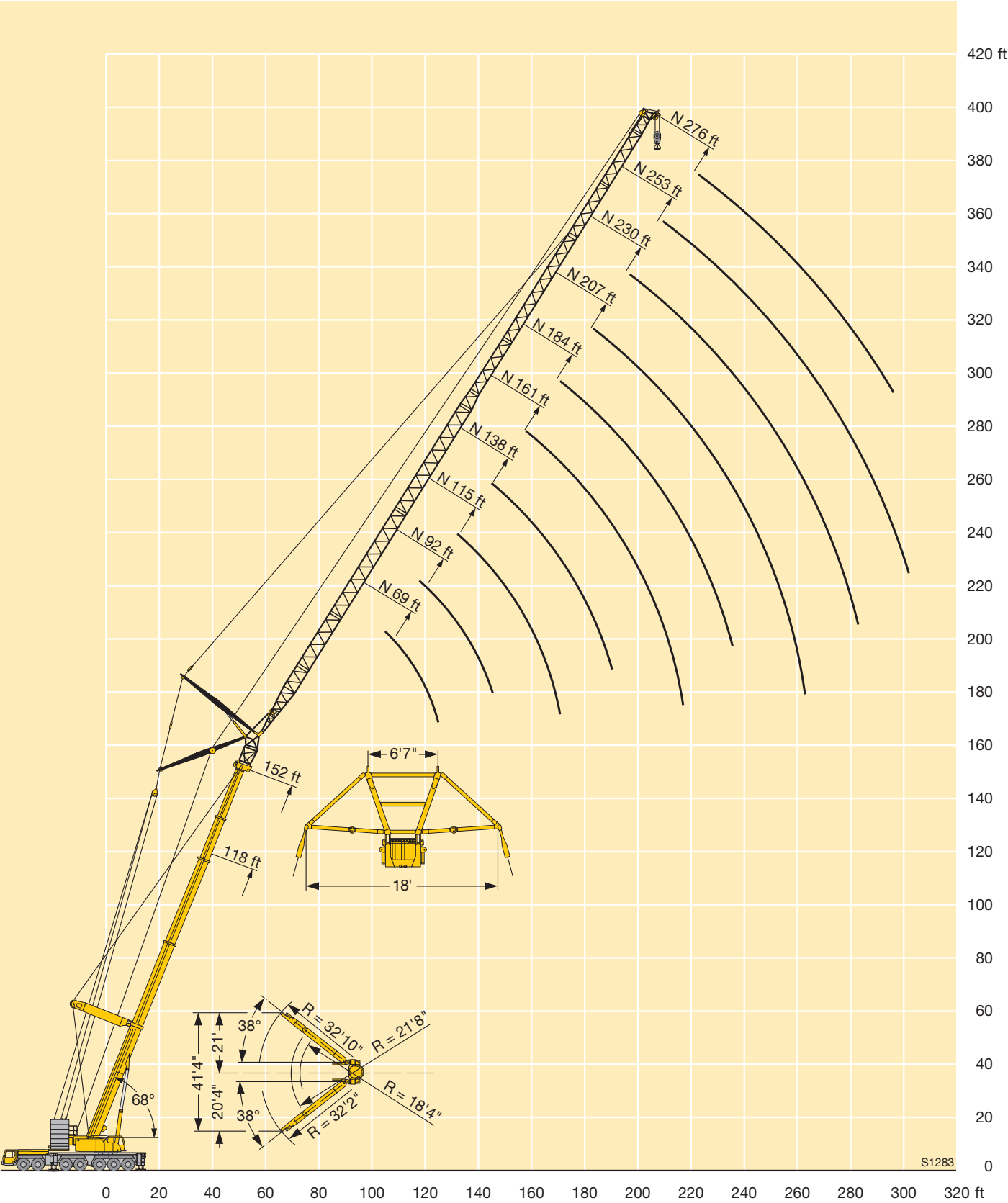
TAB 146507

* adapter / pièce d'adaptateur

TAB 146507

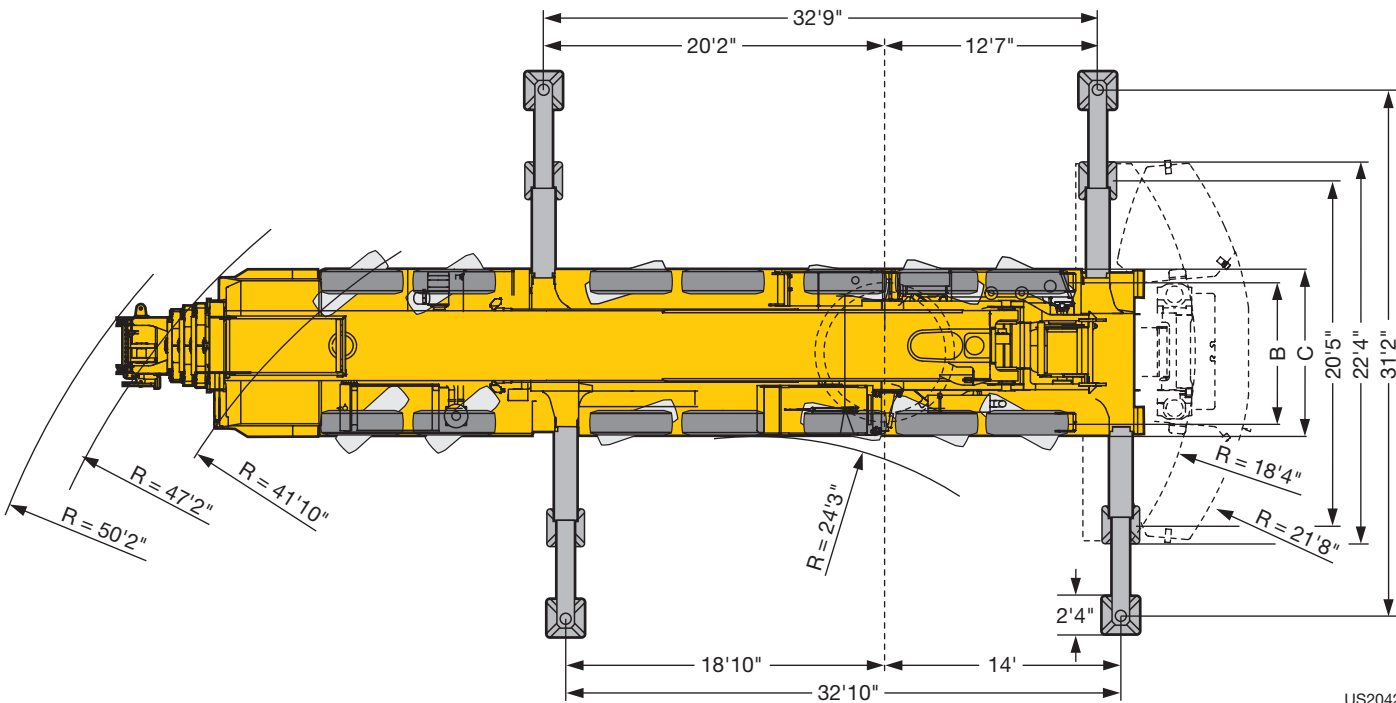
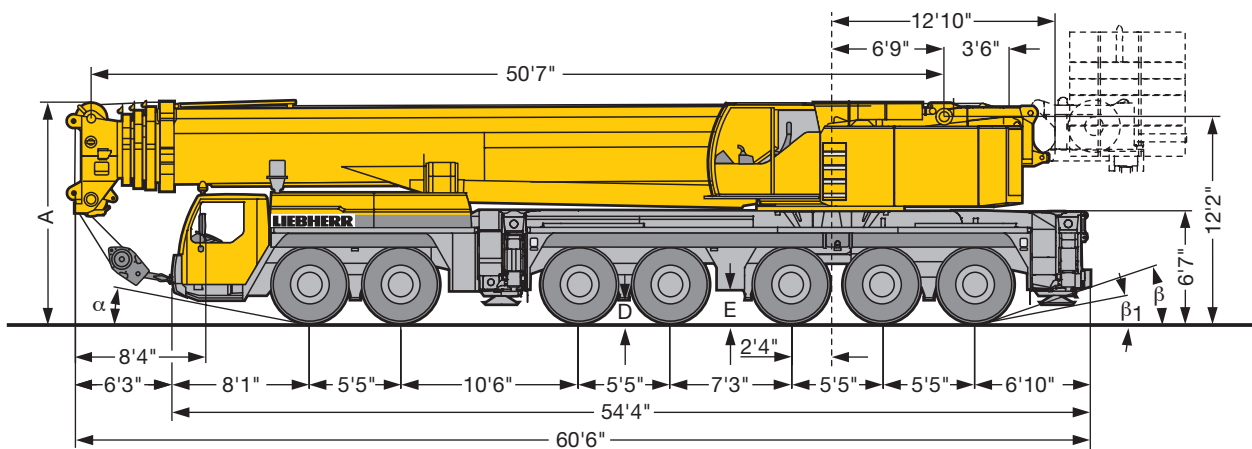


Lifting heights
Hauteurs de levage





Dimensions
Encombrement



US2042

	Dimensions / Encombrement								
	A	A 6"/4"	B	C	D	E	α	β	β ₁
445/95 R 25 (16.00 R 25)	13'1"	12'10"	8'4"	9'10"	1'3"	1'6"	11°	19°	11°
525/80 R 25 (20.5 R 25)	13'1"	12'10"	8'10"	10'7"	1'3"	1'6"	11°	19°	11°

* lowered / abaissé



Weights
Poids



Axle Essieu	1	2	3	4	5	6	7	Total weight (lbs) Poids total lbs
lbs	26400	26400	26400	26400	26400	26400	26400	185000 lbs



Load (kips) Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
525.5	11	22	8149
443	9	18	7268
376	7	14	5947
285	5	10	5066
187	3	6	3964
82	1	3	3083
28	–	1	1321

Working speeds
Vitesses



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
445/95 R 25 (16.00 R 25)	mph	3.5	4.5	5.8	7.5	9.5	12.2	16.1	20.6	26.7	34.2	43.4	50	3.8	4.9	39.7 %



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diamètre du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 426 ft/min single line ft/min au brin simple	1" / 1378 ft	28415 lbs
	0 – 426 ft/min single line ft/min au brin simple	1" / 1378 ft	28415 lbs
	0 – 492 ft/min single line ft/min au brin simple	1" / 2542 ft	28415 lbs
	0 – 1.5 rpm		
	approx. 70 seconds to reach 82° boom angle env. 70 s jusqu'à 82°		
	approx. 380 seconds for boom extension from 51 ft – 197 ft env. 380 s pour passer de 51 ft – 197 ft		



Equipment
Equipment

Crane carrier

Frame	Self-manufactured, torsion-resistant box-type design of high-tensile fine grained structural steel.
Outriggers	Four hydraulically extendable sliding beams with hydraulic supporting rams and supporting pads fixed for the transport. The front outrigger casing is located between axles 2 and 3, the rear outrigger casing at the rear of the carrier. Supporting basis: 32,8 ft longitudinally x 31,2 ft transversally.
Engine	8-cylinder Diesel, make Liebherr, type D9508 A7, watercooled, output 450 kW (612 h.p.) at 1900 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Max. torque 2095 lbs-ft at 1100 – 1500 rpm. Fuel reservoir: 153 gallons.
Transmission	Automatic transmission system with converter control clutch, make ZF, type TC-TRONIC with 12 forward speeds and 2 reverse speeds, transfer case with transfer differential.
Axles	Robust crane carrier axles. All axles steered, axles 1, 3 and 5 are driven planetary axles, axle 3 with longitudinal differential, all driven axles with transverse differential.
Cardan shafts	All cardan shafts with 70° diagonal toothing.
Suspension	All axles on hydropneumatic suspension with automatic levelling control. Automatic axle pressure equalization between the axle pairs 1 + 2, 3, 4 + 5 and 6 + 7. The suspension can be blocked hydraulically.
Tyres	14-fold, all axles equipped with single tyres. Tyre size: 445/95 R 25 (16.00 R 25).
Steering	ZF semi-integral power steering, dual circuit system with hydraulic servo mechanism and additional emergency pump driven by the axle, acting on the mechanically interlinked axles 1 – 3. Axles 4 – 7 are steered electrohydraulically during road displacement and fixed to straight displacement from 18 mph. Steering in accordance with EC recommendation 70/311/EEC.
Brakes	Service brake: All-wheel servo-air brake, dual circuit system. Additional brakes: Exhaust pipe flap retarder, retarder mounted to shift gear, TELMA-type eddy current brake (optional). Hand brake: Spring-loaded brake, acting on all wheels of the 2nd to the 7th axle. Brakes acc. to EG directives 71/320 EWG.
Driver's cab	Spacious cab of sheet steel, on rubber shock absorbers. Safety glas windows.
Electrical system	Modern data bus technology, 24 Volt DC, 2 batteries of 170 Ah each, lighting acc. to German regulations StVZO.

Crane superstructure

Frame	Self-manufactured, torsion-resistant welded construction of high-tensile fine grained steel, linked to the carrier by a three-row roller slewing rim for continuous rotation.
Crane engine	6-cylinder Diesel engine, make Liebherr, type D936L A6, watercooled, 240 kW (326 HP) at 1800 rpm, max. torque 1125 lbs-ft at 1500 rpm. Exhaust emissions acc. to 97/68/EG and EPA/CARB. Fuel tank: 66 gallons.
Crane drive	Diesel-hydraulic with 4 axial piston variable displacement pumps with servo-control and capacity regulation.
Control	Two self-centering control levers (joy-stick type). Stepless control of all crane motions by variation of the hydraulic pumps, additional speed regulation by variation of the Diesel engine speed.
Hoist gear	Axial piston variable displacement motor, Liebherr rope winch with integrated planetary gear and spring-loaded static brake.
Luffing gear	2 differential rams with safety check valve.
Slewing gear	Hydraulic motor, planetary gear, slewing pinion and spring-loaded static brake.
Crane cab	Spacious cab in sheet steel version, with safety glazing, operating and control elements. Cab inclinable to the rear.
Safety devices	LICCON safe load indicator, hoist limit switches, safety valves against rupture of pipes and hoses.
Counterweight	220500 lbs counterweight comprising: 1 base slab 33000 lbs + 11100 lbs, 6 slabs of 22000 lbs each, 4 slabs of 11100 lbs each. Hydraulic ballasting device at the counterweight frame.
Telescopic boom	1 base section and 4 telescopic sections. All telescopic sections extendable individually by rapid-cycle telescoping system TELEMATIK. Boom length: 51 ft – 197 ft.
Electrical system	Modern data bus technology, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Telescopic boom guying system	Consisting of guying frames with stay ropes, tiltable hydraulically into transport position.
Bracing	Spacer 18' width
Lattice jibs	Fixed lattice jib 23 ft – 184 ft long, at 0°, 20° or 40°, lattice luffing jib 46 ft – 276 ft long.
2 nd hoist gear	For 2-hook operation.
3 rd hoist gear	For the variation of the lattice luffing jib.
Additional ballast	4 additional counterweight slabs of 22000 lbs each for a total counterweight of 308600 lbs.
Drive 14 x 8	The 6th axle is driven additionally.

Other items of equipment available on request.



Equipment
Équipement

Châssis porteur

Châssis	Châssis résistant à la torsion de fabrication Liebherr, en acier à grains fins très résistant.
Stabilisateurs	Quatre poutres télescopiques hydrauliques avec vérins de calage hydrauliques et patins de calage fixes lors du transport. Le support avant des poutres télescopiques est fixé entre les essieux 2 et 3, le support arrière à l'arrière du châssis porteur. Base de calage: 32,8 ft long x 31,2 ft transversal.
Moteur	Moteur diesel, 8 cylindres, fabriqué par Liebherr, de type D9508 A7, à refroidissement par eau, de 450 kW (612 ch) à 1900 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Couple max. 2095 lbs-ft à 1100 – 1500 rpm. Capacité du réservoir à carburant: 153 gallons.
Réducteurs	Système de réducteurs automatique avec convertisseur-embrayage, marque ZF, type TC-TRONIC avec 12 marches AV et 2 marches AR, boîte de transfert avec différentiel répartiteur.
Essieux	Essieux robustes. Tous essieux directeurs, essieux 1, 3 et 5 moteurs, essieu 3 avec différentiel longitudinal, tous les essieux directeurs avec différentiel transversal.
Flasque de croisillons	Tous les flasques de croisillons avec denture en croix 70°.
Suspension	Tous les essieux sont suspendus hydro-pneumatiquement avec une régulation automatique de niveau. Compensation de charge sur les essieux 1 + 2, 3, 4 + 5 et 6 + 7. Suspension à blocage hydraulique.
Pneumatiques	14 fois, chaque essieu est équipé de pneus. Monte de pneumatiques: 445/95 R 25 (16.00 R 25).
Direction	Direction hydraulique semi-bloc ZF, 2 circuits avec servocommande hydraulique et pompe de secours supplémentaire, entraînée par l'essieu, action sur les essieux 1 à 3 liés mécaniquement. En mode de translation sur route, direction électro-hydraulique des essieux 4 à 7 et conduite en ligne droite activée à partir de 18 mph. Direction conforme à la directive européenne 70/311/CEE.
Freins	Frein de service: servo-frein pneumatique pour toutes les roues, 2 circuits. Freins supplémentaires: frein avec clapet sur échappement, ralentisseur, monté sur boîte de vitesse, frein Telma (en option). Frein à main: accumulateur à ressort, agissant sur toutes les roues des essieux 2 à 7. Freins conformes aux directives européennes 71/320 CE.
Cabine porteur	Cabine spacieuse en tôle électrozinguée, suspension par silent blocs. Vitres de sécurité.
Circuit électrique	Technologie de bus de données moderne, courant continu 24 Volts, 2 batteries de chacune 170 Ah, éclairage conforme au code de la route allemand.

Partie tournante

Châssis	Structure soudée de fabrication Liebherr, résistante à la torsion, en acier à grains fins très résistant. Une couronne d'orientation à roulements à 3 rangées, servant d'élément de liaison avec le châssis porteur, permet une rotation illimitée de la partie tournante.
Moteur de la grue	Diesel, 6 cylindres, marque Liebherr, type D936L A6, refroidi par eau, puissance 240 kW (326 ch) à 1800 rpm, couple max. 1125 lbs-ft à 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG et EPA/CARB. Réservoir à carburant: 66 gallons.
Entraînement	Diesel-hydraulique avec pompes à débit variable à 4 pistons axiaux, servocommande et régulation de la puissance.
Commande	Deux manipulateurs à 4 directions, à centrage automatique. Régulation progressive de tous les mouvements de la grue par réglage des pompes hydrauliques. Régulation supplémentaire de la vitesse par réglage du régime du moteur diesel.
Treuil de levage	Moteur à cylindrée variable à pistons axiaux, treuil Liebherr avec réducteur planétaire intégré et frein d'arrêt commandé par ressort.
Mécanisme de relevage	2 vérins différentiels avec clapet de sécurité anti-retour.
Mécanisme d'orientation	Moteur hydraulique, réducteur planétaire, pignon du mécanisme d'orientation et frein d'arrêt commandé par ressort.
Cabine tourelle	Cabine spacieuse en tôle électrozinguée avec vitres de sécurité, instruments de commande et de contrôle, cabine inclinable vers l'arrière.
Dispositif de sécurité	Contrôleur de charge LICCON, limiteur de course, clapets de sécurité contre les ruptures de conduites et de flexibles.
Contrepoids	Contrepoids de 220500 lbs composé de: 1 plaque de base de 33000 lbs + 11100 lbs, 6 éléments de 22000 lbs, 4 éléments de 11100 lbs. Dispositif de lestage hydraulique au support contrepoids.
Flèche télescopique	1 élément de base et 4 éléments télescopiques. Tous les éléments télescopiques peuvent être sortis individuellement grâce au système de télescopage rapide TELEMATIK. Longueur de la flèche: 51 ft – 197 ft.
Circuit électrique	Technologie de bus de données moderne, courant continu 24 Volts, 2 batteries de chacune 170 Ah.



Equipment
Equipment

Equipment supplémentaire

Haubanage de la flèche télescopique	Composé du chevalet d'haubanage avec haubanage du câble, rabattable hydrauliquement en position de transport.
Haubanage	Pièce intermédiaire de largeur 18'
Fléchette à treillis	Fléchette à treillis fixe de 23 ft – 184 ft, montage possible sous 0°, 20° ou 40°, fléchette à treillis à volée variable de 46 ft – 276 ft.
2ème treuil de levage	Pour le mode 2 crochets.
3ème treuil de levage	Pour le réglage de la fléchette à treillis.
Contrepoids complémentaire	4 plaques complémentaires de 22000 lbs, pour une masse totale de 308600 lbs.
Entraînement 14 x 8	Le 6ème essieu est également entraîné.

Autres équipements supplémentaires sur demande.

