



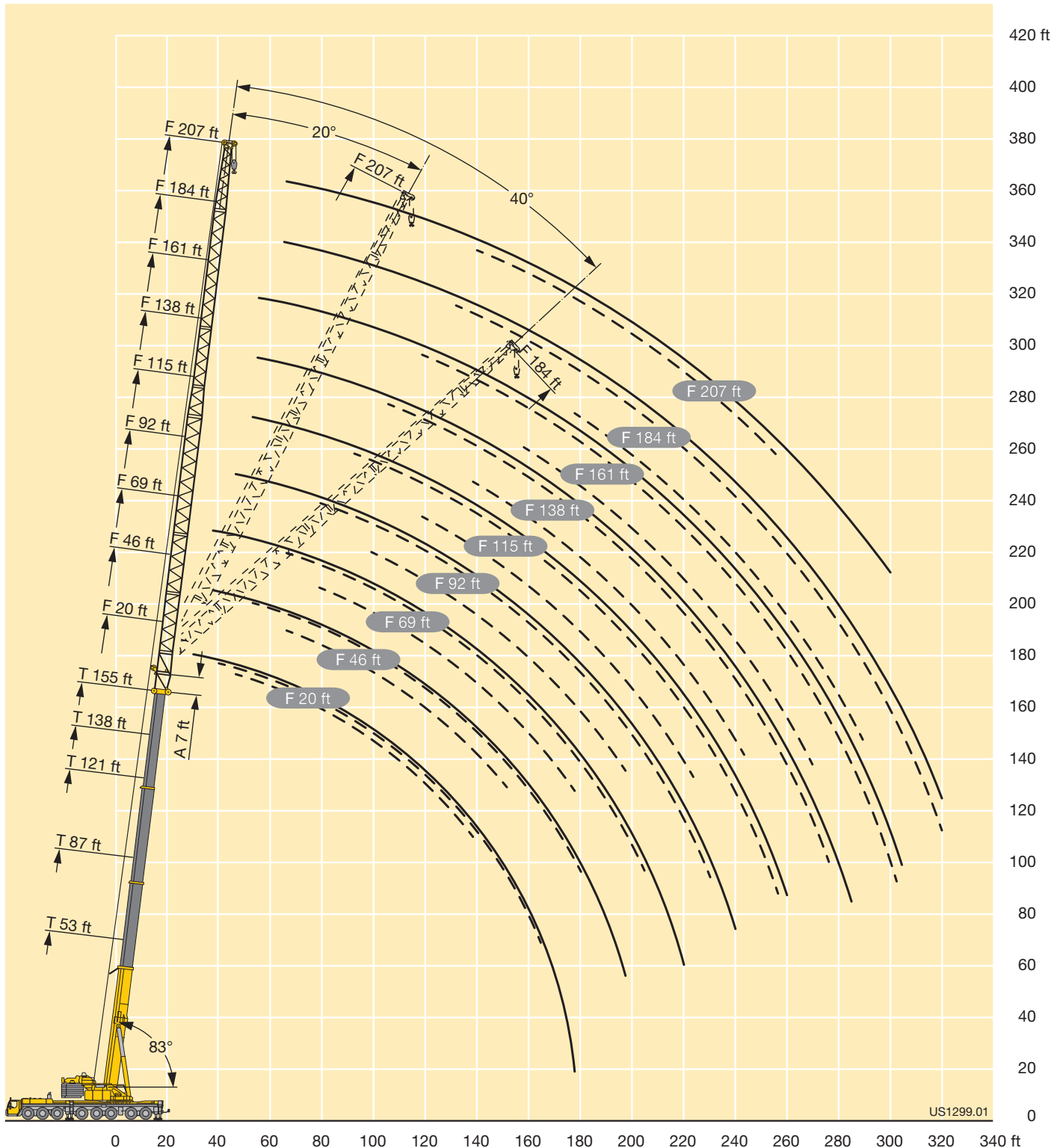
LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1500-8.1 - 620 TON CAPACITY

Lifting heights
Hauteurs de levage

TF

164 ft



STERLING CRANE

Lifting capacities Forces de levage

TF

164 ft



	53 ft + 7 ft*																		
	20 ft**			46 ft			69 ft			92 ft			115 ft			138 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	315																		13
14	315																		14
15	315			216															15
16	315			210															16
17	315			204															17
18	315	180		198			169												18
20	313	178		186			167												20
22	300	168	98.5	176			159			124									22
24	288	158	97	166			152			121									24
26	277	149	93.5	157			145			116			94.5						26
28	267	141	91	150			139			111			91.5			74.5			28
30	257	134	88.5	143			133			107			88			74			30
32	246	128	86	137	96		127			103			84.5			71.5			32
34	232	122	83.5	131	94.5		122			99			82			69			34
36	216	117	81.5	126	92		117			95.5			79			67			36
38	201	112	79.5	121	89.5		113			92			76.5			64.5			38
40	186	108	78	117	87.5		108			88.5			74			62.5			40
45	151	97.5	73.5	106	82	67	99.5	72		81.5			68			57.9			45
50	130	89.5	70	98	77.5	65	91.5	68.5		75			63			53.9			50
55	114	82.5	67.5	91	74	62.5	83.5	64.5		69	53.3		58.8			50.2			55
60	100	76.5		85	70	61	76	61		64	50.2		54.8			47			60
65	87.5	72		79.5	67	59.1	70	57.9	41.8	58.9	47.5		50.8	39.4		44.2			65
70	77.5	68		74.5	64.5	57.7	65	54.7	40.4	54.9	45		47.2	37.6		41.5			70
75				70	62	56.6	60	51.5	39.1	51.3	42.7		43.9	35.6		38.8			75
80				66.5	60	55.8	55.7	48.4	37.8	48	40.7	29.4	41	33.7		36.2	29.4		80
85				63	58.2	55.7	51.6	45.6	36.7	44.8	38.8	28.3	38.6	32		33.8	27.9		85
90				59	56		47.9	43.2	35.8	41.9	36.7	27.3	36.5	30.5		31.6	26.5		90
95				55.2	53.9		44.8	41.1	35	39	34.7	26.3	34.4	29.1		29.9	25.2		95
100							42.2	39.1	34.4	36.4	32.8	25.5	32.4	27.8	20.4	28.3	23.9		100
105							39.8	37.2	34	33.8	31.1	24.7	30.4	26.5	19.6	26.9	22.8		105
110							37.7	35.8	33.9	31.7	29.6	24	28.5	25.2	18.9	25.5	21.8		110
115							35.6	34.6		30	28.2	23.4	26.6	23.8	18.2	24.1	20.9	14.5	115
120							33.6			28.5	26.9	22.9	24.9	22.6	17.6	22.7	20	14.3	120
125										27	25.7	22.4	23.3	21.5	17	21.3	19.1	13.7	125
130										25.7	24.7	22.3	22	20.5	16.5	20	18.3	13.2	130
135										24.4	23.9		20.9	19.6	16.1	18.7	17.6	12.7	135
140										23.1	23.1		19.9	18.7	15.6	17.5	16.7	12.3	140
145													19	17.8	15.3	16.5	15.9	11.9	145
150													18	17.1	15.1	15.7	15.2	11.6	150
155													17.1	16.5	15	15	14.5	11.3	155
160													16.3	16		14.3	13.8	11	160
165													15.4			13.7	13.2	10.8	165
170													14.6			13	12.6	10.7	170
175																12.4	12.1	10.6	175
180																11.8	11.7		180
185																11.3	11.4		185
190																10.7	11		190

* adapter - pièce d'adaptateur

** optional - en option

TAB 221648 / 221649 / 221650

STERLING CRANE

Lifting capacities Forces de levage

TF

164 ft

		 53 – 164 ft T		 20 – 207 ft F				 360°		 297600 lbs		 85%																			
 ft	121 ft + 7 ft*																		 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°													
32	128																		32												
34	126																		34												
36	123																		36												
38	120				90.5			72.5											38												
40	117				89.5			72											40												
45	111				84.5			68		55.4			44.8						45												
50	105				80			64.5		53.1			42.9			34.4			50												
55	99.5	66.5			76			61		50.5			40.8			33.5			55												
60	94.5	66			72.5			58.2		48			38.8			31.7			60												
65	90	63.5			69	49.6		55.4		45.9			37			30.2			65												
70	86	61.5			66	48		52.9		43.9			35.4			28.9			70												
75	82	59.2	41		63	46.2		50.6	35.8	42			33.8			27.6			75												
80	78.5	57.2	40.1		60.5	44.5		48.4	35.5	40.1			32.4			26.4			80												
85	74.5	55.3	39.2		57.8	43		46.4	34.2	38.4			31			25.2			85												
90	70.5	53.5	38.4		55.3	41.6	28.2	44.5	32.9	36.9	27.1		29.7			24.2			90												
95	66.5	51.6	37.7		52.8	40.2	27.7	42.8	31.8	35.5	26.5		28.5			23.1			95												
100	63	49.8	37		50.3	39	27.1	41.1	30.7	34.2	25.6		27.4	19.7		22.2			100												
105	60	48	36.4		48.1	37.9	26.5	39.4	29.6	32.8	24.6		26.3	19.7		21.2			105												
110	57.4	46.3	35.8		46.1	36.6	25.9	37.6	28.7	31.6	23.8		25.3	18.9		20.4			110												
115	55	44.7	35.3		44.1	35.3	25.4	36	27.8	30.4	23		24.3	18.2		19.5	14.2		115												
120	52.7	43.2	34.8		42.2	34.1	24.9	34.6	26.9	29.1	22.2		23.4	17.5		18.8	14		120												
125	50.4	41.8	34.4		40.5	32.9	24.4	33.4	26.1	27.8	21.4		22.5	16.9		18	13.5		125												
130	48.3	40.7	34		38.8	31.8	24	32.1	25.3	26.8	20.7	13.8	21.6	16.2		17.3	13		130												
135	46.2	39.6	33.8		37.2	30.7	23.6	30.9	24.5	25.8	20.1	13.5	20.7	15.6		16.6	12.5		135												
140	44.3	38.6	33.5		35.6	29.7	23.2	29.6	23.6	24.9	19.5	13.2	19.8	15		15.9	12		140												
145	42.4	37.6	33.3		34.1	28.8	22.9	28.4	22.8	24	19	12.8	19	14.5		15.2	11.5		145												
150	41	36.6	33.3		32.7	28	22.6	27.3	22	23.2	18.4	12.5	18.3	14.1	9.3	14.5	11.1		150												
155	39.7	35.7	33.3		31.3	27.3	22.4	26.2	21.3	22.4	17.9	12.2	17.7	13.7	9.1	13.9	10.7		155												
160	38.6	35			30	26.6	22.2	25.1	20.6	21.6	17.4	12	17.1	13.3	8.9	13.4	10.3	6.3	160												
165	37.4	34.5			28.8	25.9	22	24	20	20.7	16.9	11.8	16.5	12.9	8.6	12.9	10	6.3	165												
170	36.3	34.1			27.9	25.2	21.9	23	19.4	15.4	19.8	16.4	11.5	15.9	12.5	8.4	12.5	9.7	6.1	170											
175	35.3	33.7			27.1	24.6	21.9	22	18.9	15.3	19	15.8	11.4	15.3	12.2	8.2	12	9.4	5.9	175											
180	34.2	33.3			26.3	24	21.9	21.1	18.4	15.1	18.2	15.3	11.2	14.7	11.8	8	11.6	9.1	5.7	180											
185	32.8				25.5	23.7		20.3	17.9	15	17.4	14.8	11	14.1	11.5	7.9	11.2	8.8	5.5	185											
190	30.3				24.8	23.4		19.7	17.4	14.8	16.6	14.4	10.9	13.4	11.1	7.7	10.8	8.6	5.4	190											
195					24.1	23.1		19.1	16.9	14.8	15.9	14	10.7	12.8	10.7	7.6	10.4	8.3	5.2	195											
200					23.4	22.8		18.5	16.5	14.8	15.3	13.6	10.6	12.3	10.3	7.4	9.9	8	5	200											
205					22.7			18	16.2		14.7	13.2	10.5	11.7	9.9	7.3	9.5	7.7	4.9	205											
210								17.5	16		14.3	12.8	10.4	11.1	9.7	7.1	9	7.4	4.8	210											
215								16.9	15.8		13.9	12.5	10.4	10.6	9.4	7	8.6	7.1	4.7	215											
220								16.4	15.6		13.5	12.1	10.4	10.2	9.1	6.9	8.2	6.8	4.5	220											
225								15.9	15.4		13.1	11.8		9.9	8.9	6.9	7.8	6.6	4.4	225											
230								15.4			12.7	11.7		9.6	8.6	6.8	7.4	6.4	4.3	230											
235								14.9			12.3	11.5		9.3	8.4	6.7	7.1	6.1	4.2	235											
240											11.9	11.4		9	8.1	6.7	6.8	5.9	4.1	240											
245											11.6	11.3		8.7	7.9	6.7	6.5	5.7	4.1	245											
250											11.2			8.5	7.8		6.3	5.5	4	250											
255											10.9			8.2	7.7		6.1	5.3	3.9	255											
260														8	7.5		5.8	5.1	3.9	260											
265														7.7	7.4		5.6	4.9	3.9	265											
270														7.5			5.4	4.8		270											
275														7.2			5.2	4.7		275											
280																	4.9	4.6		280											
285																	4.7	4.5		285											
290																	4.5	4.4		290											
295																	4.3	4.3		295											

† adaptor - pièce d'adaptateur

TAB 231648 / 231649 / 231650

* adapter · pièce d'adaptateur

TAB 221648 / 221649 / 221650

STERLING CRANE

Lifting capacities Forces de levage

TF

164 ft

		 53 – 164 ft T		 20 – 207 ft F				 360°		 297600 lbs		 85%																			
 ft	121 ft + 7 ft*			138 ft + 7 ft*			155 ft + 7 ft*						 ft																		
	207 ft		20 ft**			20 ft**			46 ft			69 ft			92 ft																
	0°	20°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°		20°	40°	0°	20°	40°													
28				208			177												28												
30				206			175												30												
32				199	157		169												32												
34				193	155		164												34												
36				187	151		159												36												
38				181	148	89.5	155	142		124				106					38												
40				176	144	89	150	141		123				105					40												
45				162	136	86	140	133	86	115				98.5			77.5		45												
50				150	128	83.5	131	125	84	109	84.5			93			74.5		50												
55	27.2			139	121	81	123	118	82	103	83			88			71.5		55												
60	26.9			130	115	79	116	111	79.5	97	80.5			83.5			68.5		60												
65	25.6			120	109	76.5	109	105	78	91.5	78	62.5		79	62.5		66		65												
70	24.5			113	105	75	103	99	76	86.5	76	61.5		75	60.5		63.5		70												
75	23.4			105	100	73	97	93.5	74.5	82	74	60.5		71.5	58.9	40.1	61.5	44.3	75												
80	22.4			99	96	71.5	91.5	88.5	73	78	72	59.6		68	57.2	39.9	59.1	44	80												
85	21.4			92.5	91.5	70	86	84	71.5	74	70	58.8		65	55.6	39.2	56.8	42.7	85												
90	20.6			87	86	69	81	79.5	70	70.5	67	58.1		62	54	38.5	54.4	41.4	90												
95	19.7			81.5	81	67.5	76.5	75.5	69	67.5	64.5	57.4		59.1	52.5	37.8	52.1	40.3	27.2	95											
100	18.9			76.5	76.5	66.5	72	71	68	64	61.5	56.7		56.6	50.9	37.2	49.9	39.2	27	100											
105	18			72	72.5	65.5	67.5	67	67	61	58.6	56		54.2	49.4	36.6	47.8	38.1	26.5	105											
110	17.3			68.5	68.5	65	63.5	63.5	64	58.2	56	54.1		52	48	36.1	45.9	37.2	26	110											
115	16.5			65	65	64	60.5	60.5	61	55.5	53.5	52.1		49.7	46.5	35.6	44.1	36.1	25.5	115											
120	15.9			62	62	62	57.4	57.5	57.8	52.8	51.2	50		47.5	45	35.2	42.3	35	25.1	120											
125	15.2			58.9	58.7		54.7	54.7	55.1	50.1	48.9	48.1		45.4	43.4	34.8	40.7	34	24.7	125											
130	14.6	10.5		56	56.1		52.1	51.9	52.5	47.6	47	46.3		43.3	41.6	34.4	39.1	33.1	24.3	130											
135	14	10.2		53.3	53.7		49.6	49.4	50.1	45.3	45.2	44.6		41.4	39.9	34.1	37.5	32.2	23.9	135											
140	13.4	9.8		50.9	51.4		47.2	47		43.3	43.5	42.9		39.5	38.3	33.8	35.9	31.3	23.6	140											
145	12.9	9.4		48.8	49.2		44.9	45		41.4	41.8	41.3		37.7	36.8	33.5	34.3	30.5	23.3	145											
150	12.3	9		47.1	47.1		42.8	43.2		39.5	40	40		36.2	35.4	33.3	32.8	29.7	23	150											
155	11.8	8.7		45.2			40.9	41.4		37.8	38.2			34.9	34.1	33.1	31.3	28.9	22.7	155											
160	11.3	8.4					39.3	39.6		36	36.5			33.6	32.9	32.6	30	28.1	22.5	160											
165	10.8	8					37.9			34.4	34.9			32.2	31.7	31.6	28.8	27.4	22.3	165											
170	10.4	7.7					36.5			32.8	33.4			30.8	30.6	30.6	27.7	26.8	22.1	170											
175	10	7.4					30.7			31.3	32.1			29.5	29.5	29.7	26.7	26.1	22	175											
180	9.7	7.1								30	30.8			28.2	28.4		25.7	25.3	21.9	180											
185	9.3	6.8								29				26.9	27.3		24.7	24.4	21.8	185											
190	9	6.6								28				25.7	26.3		23.8	23.6	21.7	190											
195	8.6	6.3								27				24.5	25.3		22.9	22.7	21.7	195											
200	8.2	6.1												23.6	24.2		22	21.9		200											
205	7.9	5.8												22.7	23.3		21	21.1		205											
210	7.5	5.5												21.9			20	20.4		210											
215	7.2	5.2												21.1			19.1	19.8		215											
220	6.8	4.9												20.4			18.3	19		220											
225	6.4	4.7															17.6	18.2		225											
230	6.1	4.4															16.9			230											
235	5.7	4.2															16.3			235											
240	5.4	3.9															15.7			240											
245	5.1	3.7																		245											
250	4.8																			250											
255	4.5																			255											
260	4.2																			260											
265	4																			265											
270	3.8																			270											
275	3.5																			275											
280	3.3																			280											
285	3.1																			285											
290																				290											
295																				295											

* adapter · pièce d'adaptateur

** optional · en option

TAB 221648 / 221649 / 221650

