



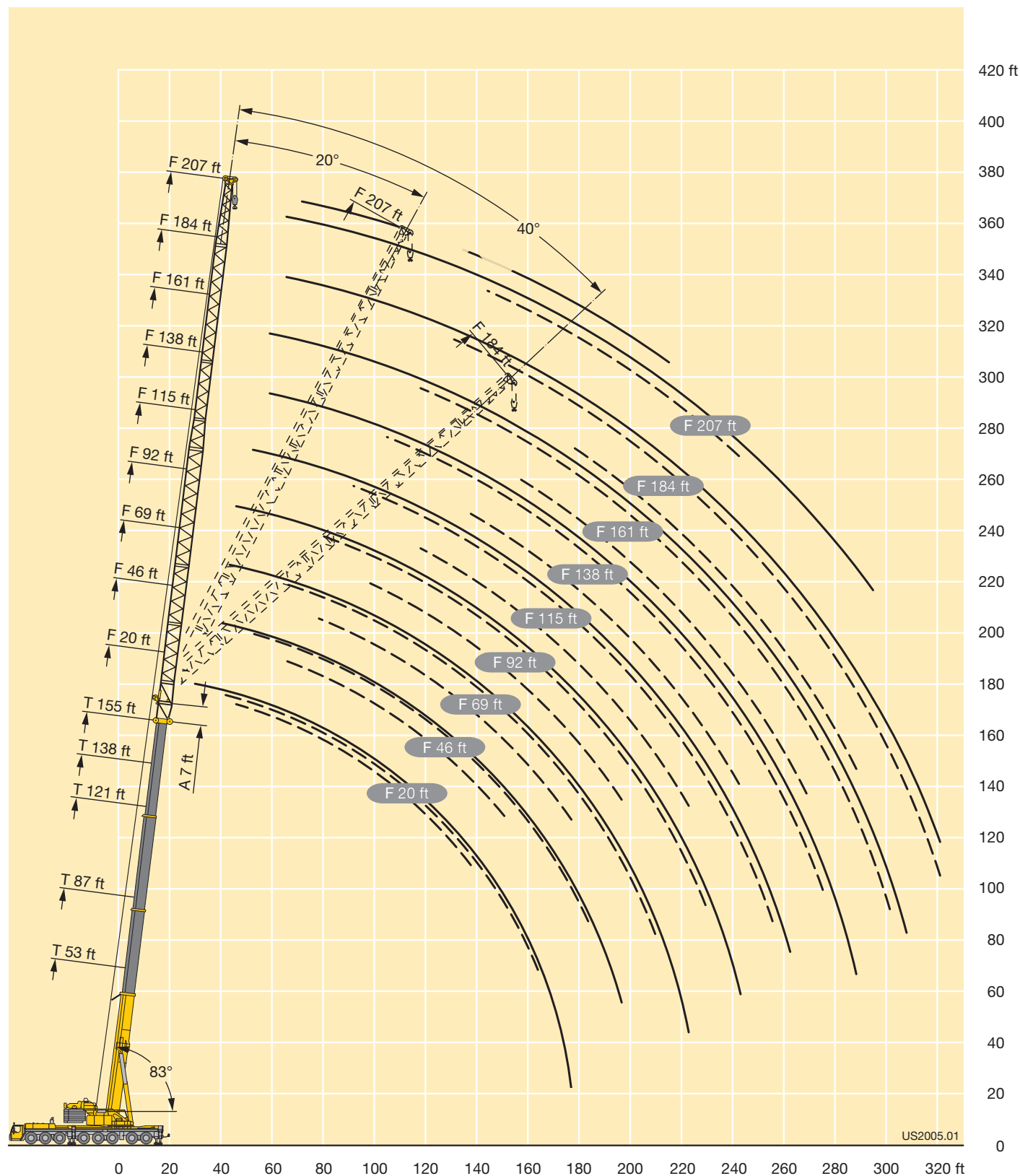
LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1500-8.1 - 620 TON CAPACITY

Lifting heights
Hauteurs de levage

TNZF

164 ft



STERLING CRANE

Lifting capacities Forces de levage

TNZF

164 ft

53 – 164 ft 20 – 207 ft 0° 360° 297600 lbs 85%												
ft	155 ft + 7 ft*									164 ft + 7 ft*		ft
	20 ft**	46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	20 ft**	207 ft	
28	177											28
30	175											30
32	169									141		32
34	164									138		34
36	159									134		36
38	155	124	106							129		38
40	150	123	105							125		40
45	140	115	98.5	77.5						116		45
50	131	109	93	74.5	57.3					108		50
55	123	103	88	71.5	56.1	44.3	35.4			101		55
60	116	97	83.5	68.5	53.8	44	35.2			94		60
65	109	91.5	79	66	51.7	42.3	33.7	27.9	22.8	88		65
70	103	86.5	75	63.5	49.8	40.8	32.4	26.9	21.9	82.5	20.9	70
75	97	82	71.5	61.5	48.1	39.3	31.2	25.9	21	78	20.4	75
80	91.5	78	68	59.1	46.4	38	30	24.9	20.2	73.5	19.6	80
85	86	74	65	56.8	44.7	36.7	29	24	19.4	69.5	18.9	85
90	81	70.5	62	54.4	43.2	35.4	28	23.1	18.7	65.5	18.2	90
95	76.5	67.5	59.1	52.1	41.8	34.2	27	22.3	18	62	17.5	95
100	72	64	56.6	49.9	40.4	33.1	26.1	21.6	17.3	58.4	16.9	100
105	67.5	61	54.2	47.8	39.1	32	25.2	20.8	16.7	55	16.3	105
110	63.5	58.2	52	45.9	37.9	31	24.3	20.1	16.1	51.8	15.8	110
115	60.5	55.5	49.7	44.1	36.7	30	23.5	19.4	15.6	48.9	15.2	115
120	57.4	52.8	47.5	42.3	35.6	29.1	22.8	18.7	15	46.3	14.7	120
125	54.7	50.1	45.4	40.7	34.5	28.2	22	18.1	14.4	44.1	14.1	125
130	52.1	47.6	43.3	39.1	33.3	27.4	21.3	17.4	13.9	42.1	13.6	130
135	49.6	45.3	41.4	37.5	32.3	26.6	20.7	16.8	13.4	40.1	13.1	135
140	47.2	43.3	39.5	35.9	31.2	25.8	20	16.3	12.9	38	12.6	140
145	44.9	41.4	37.7	34.3	30.2	24.9	19.4	15.7	12.4	35.9	12	145
150	42.8	39.5	36.2	32.8	29.1	24.1	18.8	15.2	11.9	33.9	11.3	150
155	40.9	37.8	34.9	31.3	28	23.4	18.2	14.7	11.5	32	10.7	155
160	39.3	36	33.6	30	27	22.6	17.7	14.3	11.1	30.3	10.1	160
165	37.9	34.4	32.2	28.8	25.9	21.9	17.1	13.8	10.7	28.8	9.5	165
170	36.5	32.8	30.8	27.7	24.8	21.2	16.5	13.4	10.3	27.5	9	170
175	30.7	31.3	29.5	26.7	23.7	20.4	15.9	13	9.9	26.2	8.4	175
180		30	28.2	25.7	22.8	19.7	15.4	12.6	9.6	25	7.9	180
185		29	26.9	24.7	21.9	18.9	14.8	12.2	9.3		7.4	185
190		28	25.7	23.8	21.1	18.2	14.3	11.8	9		6.8	190
195		27	24.5	22.9	20.3	17.6	13.7	11.5	8.6		6.3	195
200			23.6	22	19.5	17.1	13.1	11.1	8.3		5.9	200
205			22.7	21	18.8	16.6	12.6	10.7	8		5.4	205
210			21.9	20	18.1	16.1	12.2	10.3	7.7		5	210
215			21.1	19.1	17.4	15.6	11.8	9.9	7.4		4.6	215
220			20.4	18.3	16.7	15.1	11.4	9.5	7		4.1	220
225				17.6	16	14.6	11.1	9.1	6.7			225
230				16.9	15.4	14.1	10.7	8.8	6.4			230
235				16.3	14.6	13.5	10.4	8.5	6.1			235
240				15.7	14	13	10.1	8.2	5.8			240
245					13.5	12.5	9.8	7.9	5.6			245
250					13	12	9.5	7.6	5.3			250
255					12.5	11.5	9.2	7.3	5.1			255
260					12.1	11.1	8.9	7	4.8			260
265						10.7	8.7	6.8	4.6			265
270						10.3	8.4	6.5	4.3			270
275						9.9	8.1	6.3	4.1			275
280						9.5	7.9	6	3.9			280
285						9.2	7.6	5.8	3.7			285
290							7.3	5.5	3.5			290
295							7	5.3	3.3			295
300							6.6	5	3.1			300
305							6.3	4.7				305
310								4.4				310
315								4.1				315
320								3.8				320

* adapter · pièce d'adaptateur

** optional · en option

TAB 221428

STERLING CRANE

Lifting capacities Forces de levage

TNZF

164 ft

53 – 164 ft 20 – 207 ft 20° 360° 297600 lbs 85%												
ft	155 ft + 7 ft*									164 ft + 7 ft*		ft
	20 ft**	46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	20 ft**	207 ft	
38	142									120		38
40	141									119		40
45	133									110		45
50	125	84.5								103		50
55	118	83								96.5		55
60	111	80.5								90.5		60
65	105	78	62.5							85		65
70	99	76	60.5							80		70
75	93.5	74	58.9	44.3						75.5		75
80	88.5	72	57.2	44						71.5		80
85	84	70	55.6	42.7						67.5		85
90	79.5	67	54	41.4	32					63.5		90
95	75.5	64.5	52.5	40.3	31.4					59.9		95
100	71	61.5	50.9	39.2	30.4	24.2				56.4		100
105	67	58.6	49.4	38.1	29.5	24.2				53.1		105
110	63.5	56	48	37.2	28.7	23.5				50.4		110
115	60.5	53.5	46.5	36.1	27.9	22.8	17.4			47.9		115
120	57.5	51.2	45	35	27.1	22.1	17.2			45.6		120
125	54.7	48.9	43.4	34	26.4	21.5	16.6			43.4		125
130	51.9	47	41.6	33.1	25.7	20.8	16.1	12.4		41.4		130
135	49.4	45.2	39.9	32.2	25	20.2	15.6	12.1		39.4		135
140	47	43.5	38.3	31.3	24.3	19.7	15.1	11.7	8.9	37.5	8.7	140
145	45	41.8	36.8	30.5	23.6	19.1	14.6	11.4	8.9	35.7	8.7	145
150	43.2	40	35.4	29.7	23	18.7	14.1	11	8.6	33.9	8.4	150
155	41.4	38.2	34.1	28.9	22.3	18.2	13.7	10.7	8.2	32.2	8.1	155
160	39.6	36.5	32.9	28.1	21.7	17.8	13.3	10.3	8	30.7	7.8	160
165		34.9	31.7	27.4	21.1	17.4	12.9	10	7.7	29.1	7.5	165
170		33.4	30.6	26.8	20.5	17	12.6	9.7	7.4	27.6	7.3	170
175		32.1	29.5	26.1	20	16.6	12.3	9.4	7.1		7.1	175
180		30.8	28.4	25.3	19.5	16.2	12	9.1	6.9		6.8	180
185			27.3	24.4	19	15.7	11.8	8.9	6.6		6.5	185
190			26.3	23.6	18.5	15.3	11.5	8.7	6.4		6.3	190
195			25.3	22.7	18.1	14.8	11.2	8.5	6.2		6.1	195
200			24.2	21.9	17.8	14.4	10.9	8.2	5.9		5.9	200
205			23.3	21.1	17.4	14	10.6	8	5.7		5.6	205
210				20.4	17	13.7	10.3	7.8	5.5		5.4	210
215				19.8	16.7	13.4	10	7.6	5.2		5.2	215
220				19	16.3	13.1	9.7	7.3	5		4.9	220
225				18.2	16	12.8	9.4	7.1	4.7		4.6	225
230					15.6	12.6	9.2	6.8	4.5		4.2	230
235					15.1	12.3	9	6.6	4.3		3.8	235
240					14.6	12	8.8	6.3	4.1			240
245					14.1	11.8	8.6	6.1	3.9			245
250					13.7	11.6	8.4	5.9	3.7			250
255					13	11.4	8.2	5.7	3.5			255
260						11.3	8	5.6				260
265						11	7.8	5.4				265
270						10.7	7.7	5.2				270
275						10.4	7.5	5				275
280							7.5	4.9				280
285							7.4	4.7				285
290							7.4	4.5				290
295							7.3	4.4				295
300							7.1	4.3				300
305								4.3				305
310								4.3				310
315								4.3				315
320								4.2				320

* adapter · pièce d'adaptateur

** optional · en option

TAB 221429

STERLING CRANE

Lifting capacities Forces de levage

TNZF

164 ft

53 – 164 ft T 20 – 184 ft 40° NZF 360° 297600 lbs 85%																			164 ft																
ft ←		53 ft + 7 ft*															87 ft + 7 ft*	121 ft + 7 ft*															138 ft + 7 ft*	ft ←	
20 ft**		46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	20 ft**	20 ft**	46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	20 ft**																	
22	98.5																			22															
24	97																			24															
26	93.5																			26															
28	91								95											28															
30	88.5								94.5											30															
32	86								92.5											32															
34	83.5								90.5											34															
36	81.5								89											36															
38	79.5								87	90								89.5		38															
40	78								85.5	89.5								89		40															
45	73.5	67							82	86								86		45															
50	70	65							78.5	83.5								83.5		50															
55	67.5	62.5							75.5	80.5	64							81		55															
60		61							73	78	64							79		60															
65		59.1	41.8						71	76	62.5							76.5		65															
70		57.7	40.4						69	74	61.5							75		70															
75		56.6	39.1						67	72	60.5	41						73		75															
80		55.8	37.8	29.4					66	70.5	59.5	40.1						71.5		80															
85		55.7	36.7	28.3					64.5	69	58.6	39.2						70		85															
90			35.8	27.3						68	57.7	38.4	28.2					69		90															
95			35	26.3						66.5	57	37.7	27.7					67.5		95															
100			34.4	25.5	20.4					65.5	56.3	37	27.1					66.5		100															
105			34	24.7	19.6					65	55.8	36.4	26.5					65.5		105															
110			33.9	24	18.9					64.5	55.4	35.8	25.9	19.6				65		110															
115				23.4	18.2	14.5					55	35.3	25.4	19.3				64		115															
120				22.9	17.6	14.3					54.7	34.8	24.9	18.8				62		120															
125				22.4	17	13.7					54.6	34.4	24.4	18.3						125															
130				22.3	16.5	13.2	10.3				54.4	34	24	17.9	13.8					130															
135					16.1	12.7	10				53.4	33.8	23.6	17.5	13.5					135															
140					15.6	12.3	9.6					33.5	23.2	17.1	13.2					140															
145					15.3	11.9	9.2					33.3	22.9	16.8	12.8					145															
150					15.1	11.6	8.9	6.8				33.3	22.6	16.5	12.5	9.3				150															
155					15	11.3	8.6	6.6				33.3	22.4	16.2	12.2	9.1				155															
160						11	8.3	6.3					22.2	15.9	12	8.9	6.3			160															
165						10.8	8	6					22	15.6	11.8	8.6	6.3			165															
170						10.7	7.8	5.7					21.9	15.4	11.5	8.4	6.1			170															
175						10.6	7.5	5.5					21.9	15.3	11.4	8.2	5.9			175															
180							7.3	5.3					21.9	15.1	11.2	8	5.7			180															
185							7.1	5.1						15	11	7.9	5.5			185															
190							7	4.9						14.8	10.9	7.7	5.4			190															
195							6.9	4.7						14.8	10.7	7.6	5.2			195															
200							6.9	4.5						14.8	10.6	7.4	5			200															
205								4.3							10.5	7.3	4.9			205															
210								4.2							10.4	7.1	4.8			210															
215								4.1							10.4	7	4.7			215															
220								4.1							10.4	6.9	4.5			220															
225																6.9	4.4			225															
230																6.8	4.3			230															
235																6.7	4.2			235															
240																6.7	4.1			240															
245																6.7	4.1			245															
250																	4			250															
255																	3.9			255															
260																	3.9			260															
265																	3.9			265															

STERLING CRANE

Lifting capacities Forces de levage

TNZF

164 ft

53 – 164 ft 20 – 184 ft 40° TNZF 360° 297600 lbs 85%											
ft	155 ft + 7 ft*								164 ft + 7 ft*		ft
	20 ft**	46 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	20 ft**	184 ft	
45	86								86.5		45
50	84								84.5		50
55	82								82		55
60	79.5								80		60
65	78	62.5							78		65
70	76	61.5							76.5		70
75	74.5	60.5	40.1						74		75
80	73	59.6	39.9						70.5		80
85	71.5	58.8	39.2						66.5		85
90	70	58.1	38.5						62.5		90
95	69	57.4	37.8	27.2					59.2		95
100	68	56.7	37.2	27					56		100
105	67	56	36.6	26.5					53.2		105
110	64	54.1	36.1	26					50.6		110
115	61	52.1	35.6	25.5	18.9				48.1		115
120	57.8	50	35.2	25.1	18.7				45.7		120
125	55.1	48.1	34.8	24.7	18.3				43.5		125
130	52.5	46.3	34.4	24.3	18				41.6		130
135	50.1	44.6	34.1	23.9	17.6	13.2			39.8		135
140		42.9	33.8	23.6	17.3	13.1			38		140
145		41.3	33.5	23.3	16.9	12.8					145
150		40	33.3	23	16.6	12.6					150
155			33.1	22.7	16.4	12.3	8.9				155
160			32.6	22.5	16.2	12	8.8				160
165			31.6	22.3	15.9	11.8	8.6				165
170			30.6	22.1	15.7	11.6	8.4				170
175			29.7	22	15.5	11.5	8.3	5.8		5.7	175
180				21.9	15.3	11.3	8.1	5.7		5.7	180
185				21.8	15.2	11.2	7.9	5.5		5.5	185
190				21.7	15	11	7.8	5.4		5.3	190
195				21.7	14.9	10.9	7.6	5.2		5.2	195
200					14.8	10.8	7.5	5.1		5.1	200
205					14.8	10.6	7.4	5		5	205
210					14.7	10.5	7.3	4.8		4.8	210
215					14.6	10.5	7.2	4.7		4.7	215
220					14.6	10.4	7.1	4.6		4.6	220
225						10.4	7	4.5		4.5	225
230						10.3	6.9	4.4		4.4	230
235						10.3	6.8	4.3		4.3	235
240						10.3	6.8	4.2		4.2	240
245							6.7	4.1		4.1	245
250							6.7	4		4	250
255							6.6	4		3.9	255
260							6.6	3.9		3.8	260
265							6.6	3.9		3.5	265
270								3.9			270
275								3.8			275
280								3.8			280
285								3.8			285

* adapter · pièce d'adaptateur
** optional · en option

TAB 221430