



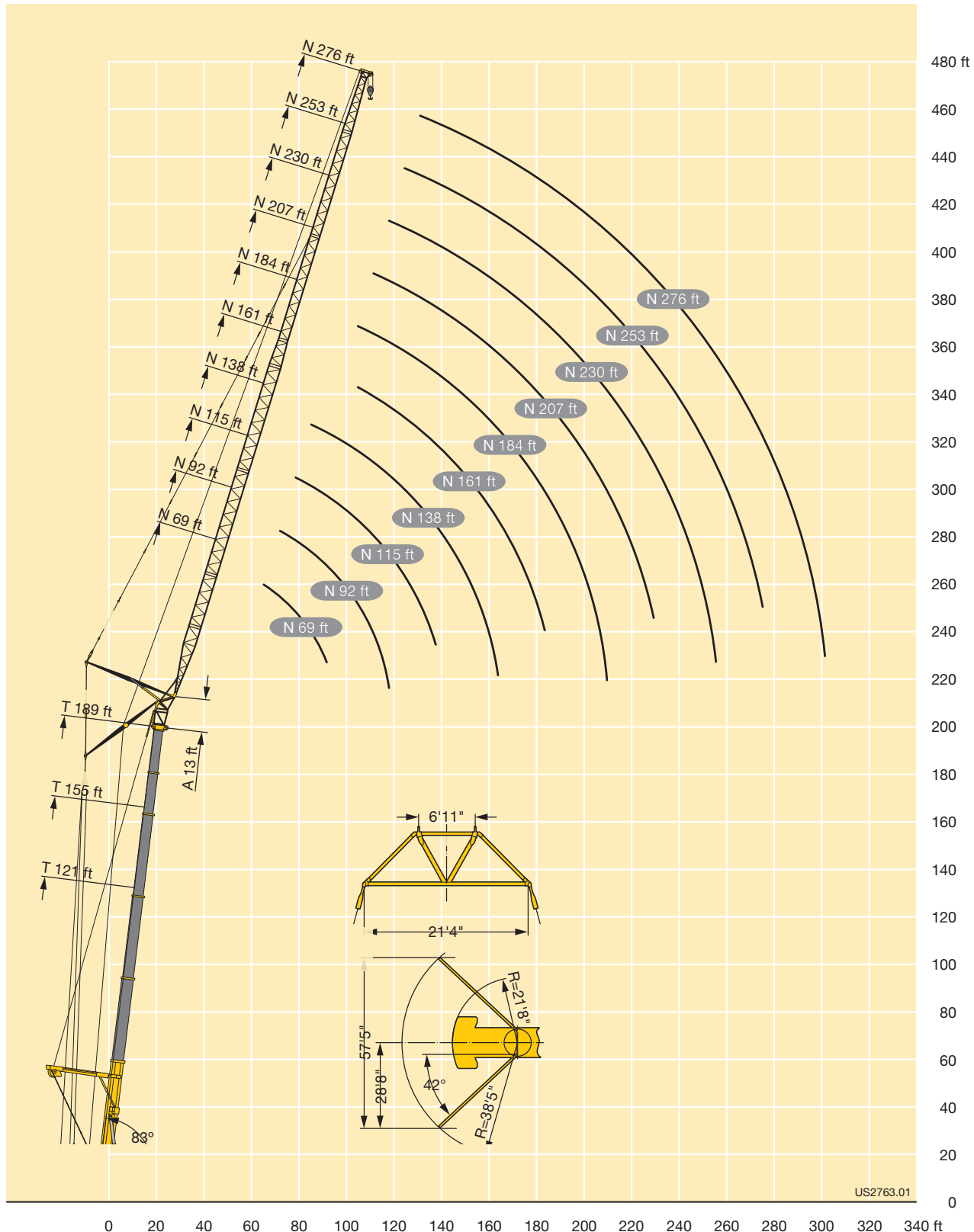
LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1500-8.1 - 620 TON CAPACITY

Lifting heights
Hauteurs de levage

TY3SN

276 ft



STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



	121 ft + 13 ft*											155 ft + 13 ft*												
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft		
50	199											181											50	
55	194	179																					55	
60	183	177										179											60	
65	173	168	163									167	163										65	
70	164	160	156	149								156	155	147									70	
75	154	152	149	146	133							147	145	143	129								75	
80	145	144	142	139	132							139	137	136	128								80	
85	134	137	135	133	127	102						132	129	129	124	112							85	
90		131	129	127	122	100						127	122	122	119	109	91						90	
95		124	124	122	117	98.5	86						117	115	114	106	90.5						95	
100		118	118	116	112	96.5	85.5	64.5					111	109	109	103	89	75.5					100	
105			112	111	108	94.5	84.5	62.5	57.2				107	104	103	100	88	75					105	
110			107	105	104	92.5	83.5	61	56.4				102	100	98	96.5	87	74	58.6				110	
115			102	100	99	90.5	82.5	59.3	55.2	41.8				95.5	93.5	92.5	85	73.5	57.6	50			115	
120			97	95.5	94	88.5	81.5	57.8	53.9	41.4	34.3			91.5	89.5	88.5	83	72.5	56.2	49.9	39.5		120	
125			92.5	91	89.5	87	80	56.3	52.7	40.3	34.2			87	86	84	81	72	55	49.7	39.4		125	
130			86	87	85.5	84	79	54.9	51.5	39.3	33.5			83	82	80.5	78	70.5	53.7	49.5	38.4	31.4	130	
135				83	82	81	78	53.6	50.4	38.3	32.7			79.5	78.5	77	75	68.5	52.6	49.3	37.5	31.3	135	
140				80	78.5	77.5	76	52.3	49.4	37.4	32				75	74	72	66	51.4	48.9	36.6	30.9	140	
145				76.5	75	74	73.5	51	48.3	36.4	31.4				72	71	69.5	63.5	50.4	48.3	35.8	30.3	145	
150				73	72	71	70.5	49.8	47.4	35.6	30.7				69	68	67	61.5	49.3	47.3	35	29.7	150	
155					69.5	68.5	67.5	48.7	46.4	34.7	30.1				66.5	65.5	64.5	59	48.3	46.3	34.2	29.1	155	
160					66.5	65.5	65	47.6	45.4	33.9	29.5					63	62	57	47.3	45.3	33.5	28.6	160	
165					64.5	63	62.5	46.5	44.5	33.1	29					60.5	59.4	55.1	46.4	44.4	32.8	28.1	165	
170					62	61	60	45.6	43.7	32.4	28.4					58.2	57.2	53.4	45.5	43.5	32.1	27.5	170	
175					56.6	58.7	58	44.7	42.8	31.6	27.9					56.1	55.1	51.8	44.6	42.6	31.4	27.1	175	
180						56.6	55.9	43.9	42	30.9	27.3					54.1	53.1	50.2	43.8	41.8	30.7	26.6	180	
185						54.6	53.9	43.1	41.3	30.2	26.8						51.3	48.7	43	40.9	30.1	26.1	185	
190						52.8	52.1	42.3	40.6	29.5	26.3						49.5	47.3	42.3	40	29.4	25.7	190	
195						48.8	50.3	41.5	40	28.9	25.8						47.8	45.8	41.2	38.8	28.8	25.2	195	
200							48.7	40.8	39.4	28.4	25.3						46.2	44.5	40	37.6	28.2	24.8	200	
205							47.1	40.1	38.8	27.9	24.9							43.2	38.9	36.5	27.7	24.4	205	
210							45.6	39.4	38.1	27.4	24.5							42	37.7	35.4	27.2	24	210	
215							42.3	38.7	37.6	26.9	24.1							40.7	36.5	34.4	26.8	23.6	215	
220							37.7	38.2	37	26.4	23.7							39.4	35.5	33.3	26.3	23.2	220	
225								37.7	36.5	26	23.3							38.1	34.5	32.3	25.9	22.9	225	
230								37.3	35.9	25.5	23								33.7	31.3	25.4	22.5	230	
235								36.3	35.5	25.1	22.6								32.9	30.4	25	22	235	
240								32.8	35.1	24.6	22.3								32.4	29.5	24.6	21.3	240	
245									34.4	24.2	22								32	28.7	24.2	20.5	245	
250									33.4	23.7	21.6										28.1	23.8	19.8	250
255									32.4	23.4	21.3										27.4	23.4	19.1	255
260									29.5	23.1	21										27	23	18.4	260
265									26.1	22.8	20.7										26.6	22.5	17.7	265
270										22.5	20.4										26	22	17	270
275										22.4	20.2										24.8	21.4	16.3	275
280										22.3	20											21	15.7	280
285										21.4	19.8											20.7	15.2	285
290											19.6											20.4	14.8	290
295											19.4											20.1	14.3	295
300											19.3												13.9	300
305											18.5												13.5	305
310											16.8												13.1	310
315																							13	315
320																							12.9	320

* adapter - pièce d'adaptateur

TAB 231403

STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



85%

 ft	189 ft + 13 ft*										223 ft + 13 ft*								258 ft + 13 ft*						 ft	
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft		
65	128																								65	
70	122	115									97.5														70	
75	116	112	104								95	82.5							61						75	
80	110	107	103								90	81.5							60						80	
85	105	102	98.5	95.5							85.5	78	73.5						56.7	45.7					85	
90	100	97	94	92							82	74	70.5						53.5	45.7					90	
95		93	90	88	80.5						78.5	71	67.5	61.5					50.7	44.4	38.3				95	
100		88.5	86.5	84.5	79.5	71						67.5	64.5	60.5	53.4					42.2	37.7	32.5			100	
105		85	83	81	76.5	71						64.5	61.5	57.9	53.4					40.2	35.9	32.5			105	
110		81	79.5	77.5	73.5	68.5	60					62	58.9	55.5	51.3	43.8				38.4	34.3	31			110	
115		77	76.5	74.5	71	66	58.6	49.1				59.7	56.4	53.3	49.3	42.5	32.1			36.7	32.8	29.5	22.8		115	
120			73.5	71.5	68	63.5	56.7	48.6					54.1	51.1	47.3	40.6	31.5			35.2	31.3	28.1	22.3	9.5	120	
125			70.5	69	65	61.5	54.9	47.2	37.6				52.1	49	45.5	38.8	30				29.9	26.8	21.2	9.4	125	
130			67.5	66.5	62.5	59.5	53.1	45.4	37.6				50.3	47.1	43.7	37	28.6	18.5			28.6	25.6	20.1	8.9	130	
135			64.5	64	59.7	57.4	51.1	43.8	37.3	28.4			48.5	45.3	42	35.3	27.3	17.8			27.4	24.4	19	8.3	135	
140				61.5	57.3	55.2	49.1	42.1	36.5	28.4			46.8	43.7	40.4	33.7	26	16.9			26.2	23.3	17.9	7.8	140	
145				59.2	55.2	53	47	40.5	35.2	28.4				42.2	38.8	32.2	24.8	16				22.2	16.8	7.3	145	
150				56.9	53.2	50.8	45.1	38.8	33.9	27.9				40.8	37.4	30.7	23.6	15.2				21.3	15.9	6.8	150	
155				54.5	51.3	48.9	43.2	37.1	32.5	26.8				39.4	36.1	29.3	22.5	14.4				20.3	14.9	6.4	155	
160				51.8	49.5	47.1	41.4	35.5	31.1	25.6				38.1	34.9	28	21.4	13.6				19.4	14.1	5.9	160	
165					47.8	45.5	39.7	34	29.8	24.4					33.7	26.7	20.4	12.8				18.6	13.4	5.5	165	
170					46.1	43.9	38.2	32.5	28.4	23.3					32.5	25.6	19.4	12.1				17.8	12.7	5.1	170	
175					44.6	42.4	36.8	31	27.2	22.2					31.3	24.6	18.4	11.4					12	4.7	175	
180					43.3	40.9	35.6	29.7	25.9	21.2					30.2	23.5	17.4	10.7					11.4	4.3	180	
185						39.5	34.3	28.5	24.7	20.2					29.2	22.6	16.5	10					10.7	4	185	
190						38.2	33.1	27.4	23.5	19.2					28.3	21.6	15.6	9.4					10.2	3.6	190	
195						37	32	26.3	22.4	18.3						20.7	14.8	8.9						3.3	195	
200						35.9	30.8	25.3	21.4	17.3						19.9	13.9	8.4						3	200	
205						34.7	29.7	24.3	20.5	16.4						19.2	13.1	7.9						2.6	205	
210							28.7	23.3	19.6	15.6							12.3	7.5								210
215							27.7	22.4	18.7	14.9							11.7	7.1								215
220							26.9	21.5	17.9	14.2							11.2	6.6								220
225							26.1	20.6	17	13.6							10.7	6.2								225
230								19.8	16.2	13							10.2	5.8								230
235								19	15.5	12.4							10	5.4								235
240								18.3	14.7	11.8								5.1								240
245								17.7	14.1	11.2								4.8								245
250								17.2	13.5	10.7								4.5								250
255								16.7	12.9	10.2								4.2								255
260									12.4	9.7																260
265									12	9.3																265
270									11.6	8.9																270
275									11.3	8.5																275
280										8.1																280
285										7.8																285
290										7.5																290
295										7.3																295
300										7																300

* adapter · pièce d'adaptateur

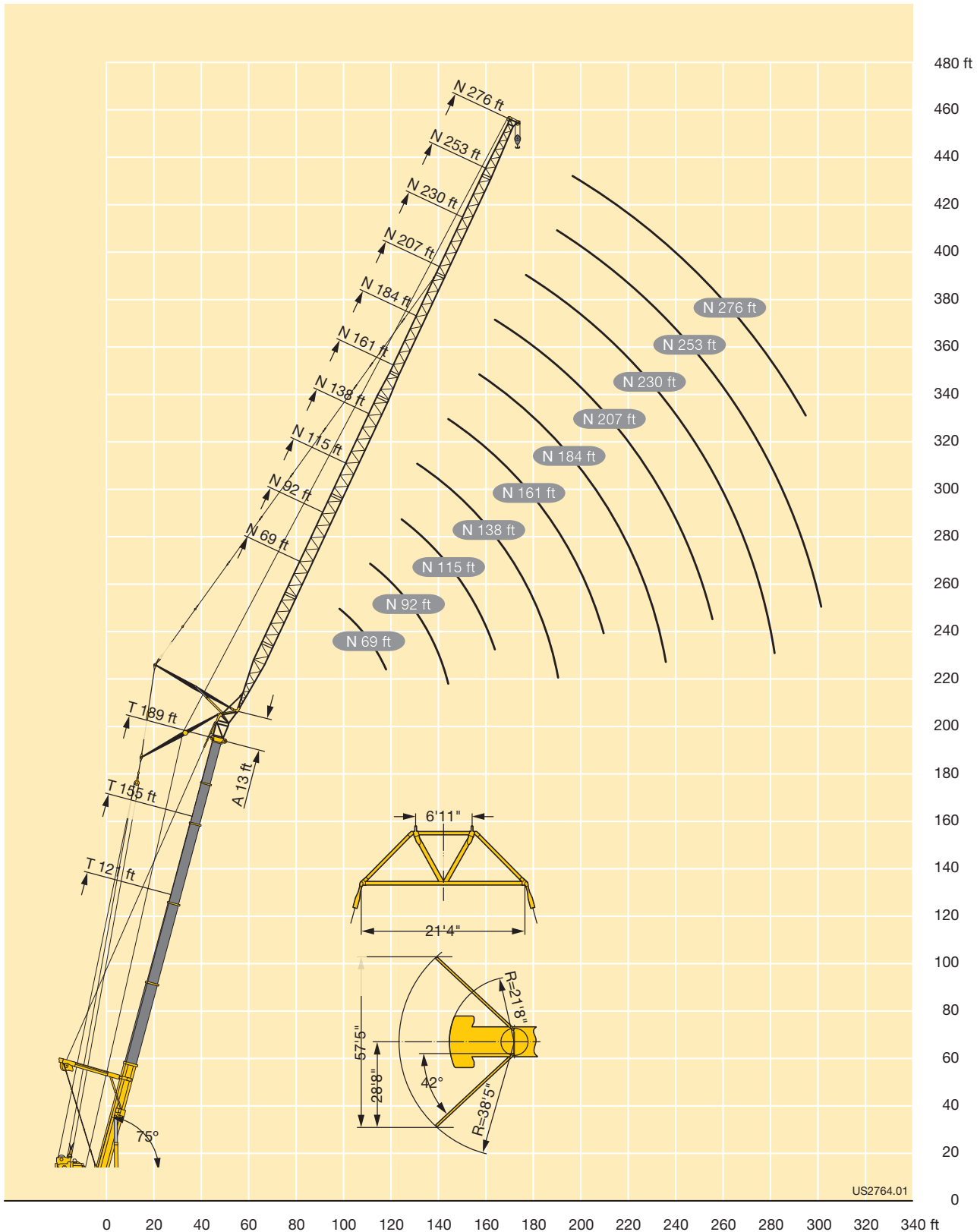
TAB 231403

STERLING CRANE

Lifting heights
Hauteurs de levage

TY3SN

276 ft



STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



	121 ft + 13 ft*											155 ft + 13 ft*												
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft		
75	137																						75	
80	135																						80	
85	127	124										115											85	
90	119	118										109											90	
95	113	111										103											95	
100	107	105	103									97	95.5										100	
105		99.5	97.5									92	90										105	
110		94.5	92.5	89								87.5	85.5	82									110	
115		90	88	86									81.5	79									115	
120		85.5	84	82	80.5								77.5	75	74								120	
125			80	78	76.5								74	71.5	70.5								125	
130			76.5	74.5	73	71							70.5	68.5	67	65							130	
135			73	71.5	70	68.5							67.5	65.5	64	62.5							135	
140			70	68.5	67	65.5	64.5							62.5	61.5	59.8	56.3						140	
145			67	65.5	64	62.5	62							59.9	58.6	57.2	56						145	
150			64.5	63	61.5	60	59.1	53.4						57.5	56.2	54.8	53.6	51.5					150	
155				60.5	58.9	57.6	56.7	52.4						55.2	53.9	52.5	51.3	49.7					155	
160				58	56.5	55.3	54.4	51.2	47.5						51.8	50.4	49.2	47.6	44.6				160	
165				55.8	54.4	53.1	52.2	50	47.3						49.8	48.4	47.2	45.7	44.3				165	
170				53.7	52.3	51.1	50.2	48.7	46.4	34.6					47.9	46.5	45.3	43.8	42.7				170	
175					50.4	49.2	48.3	46.9	45.5	33.9					46.1	44.7	43.6	42.1	41.1	38.1			175	
180					48.6	47.4	46.5	45.1	44.1	33.2	28.8				44.5	43.1	41.9	40.4	39.6	37.3			180	
185					46.8	45.6	44.8	43.4	42.4	32.4	28.7					41.5	40.3	38.9	38.1	35.9			185	
190					45.2	44	43.1	41.8	40.8	31.7	28.1					40	38.8	37.4	36.6	34.6	31		190	
195					43.7	42.5	41.6	40.2	39.3	31.1	27.6					38.5	37.4	36	35.2	33.3	29.9	23.9	195	
200						41	40.2	38.8	37.8	30.4	27					37.2	36.1	34.7	33.9	32.1	28.8	23.3	200	
205						39.6	38.8	37.4	36.4	29.7	26.5						34.8	33.4	32.6	30.9	27.7	22.2	205	
210						38.3	37.4	36.1	35.1	29.1	26						33.6	32.2	31.4	29.8	26.6	21.3	210	
215						37.1	36.2	34.8	33.8	28.6	25.5						32.4	31	30.2	28.7	25.6	20.3	215	
220							35	33.6	32.6	28.1	25						31.3	29.9	29.1	27.6	24.5	19.4	220	
225							33.8	32.5	31.5	27.6	24.6						30.2	28.9	28.1	26.5	23.6	18.5	225	
230							32.7	31.4	30.4	27.2	24.2							27.9	27.1	25.5	22.7	17.6	230	
235							31.7	30.3	29.3	26.7	23.9								26.9	26.1	24.5	21.8	16.7	235
240							30.7	29.3	28.3	26.2	23.5								26	25.2	23.6	21	15.9	240
245								28.4	27.4	25.8	23.2								25.1	24.3	22.7	20.2	15.2	245
250								27.4	26.4	25.2	22.8									23.4	21.9	19.5	14.5	250
255								26.6	25.5	24.3	22.5									22.6	21.1	18.7	13.9	255
260								25.7	24.7	23.4	22									21.9	20.3	18	13.3	260
265									23.8	22.6	21.4									21.1	19.6	17.3	12.7	265
270									23	21.8	20.6									20.4	18.8	16.6	12.1	270
275									22.3	21.1	19.8									19.7	18.1	16	11.5	275
280									21.6	20.3	19.1										17.5	15.4	11	280
285									20.9	19.7	18.4										16.9	14.9	10.5	285
290										19	17.7										16.3	14.3	10.1	290
295										18.3	17										15.6	13.8	9.7	295
300										17.7	16.4											13.4	9.4	300
305										17.1	15.8											13	9	305
310											15.2											12.6	8.7	310
315											14.7											12.3	8.4	315
320											14.1											11.9	8.1	320
325											13.6												7.8	325
330																							7.6	330
340																							7.3	340

* adapter · pièce d'adaptateur

TAB 231406

STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



85%

 ft	189 ft + 13 ft*										223 ft + 13 ft*						258 ft + 13 ft*					 ft	
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	69 ft	92 ft	115 ft	138 ft		161 ft
100	88																						100
105	83.5																						105
110	80	76.5									63												110
115	76.5	74									61												115
120		70.5	66								58.8	49.8						35.5					120
125		67	65.5								56.5	49.6						35.4					125
130		64.5	63	56.9							54.3	47.6						34					130
135		62	60	55.2								45.6	41.4					32.6	26.2				135
140		59.3	57.6	52.9	45.9							43.8	40.7						25.8				140
145			55.1	50.8	45.6							42	39						24.7				145
150			52.8	48.8	43.8							40.4	37.4	33.6					23.6	18.5			150
155			50.7	47	42.1	38.8							35.9	32.5	28.1				22.6	17.8			155
160			48.7	45.3	40.4	38.1	31						34.5	31.1	27.5				21.6	16.8	12.1		160
165				43.7	38.8	36.5	30.8						33.2	29.8	26.3					15.9	12		165
170				42.1	37.4	35.1	29.5						31.9	28.6	25.1	16.6				15.1	11.3	5.9	170
175				40.7	36.1	33.6	28.2	21.5					30.7	27.4	24	15.8	8.2			14.3	10.7	5.6	175
180				39.2	34.8	32.3	27	20.9						26.4	23	14.9	7.9			13.5	10.2	5.2	180
185				37.9	33.6	31.1	25.8	19.8						25.3	22	14	7.4				9.6	4.8	185
190				36.8	32.4	30	24.7	18.8	14.7					24.3	21.1	13.1	6.9				9.2	4.4	190
195					31.2	28.9	23.6	17.8	13.9	9.9				23.3	20.2	12.4	6.4				8.7	4	195
200					30.1	27.9	22.6	16.8	13.2	9.5					19.4	11.8	6				8.2	3.7	200
205					29.1	26.8	21.7	15.9	12.4	9					18.5	11.3	5.5				7.8	3.5	205
210						25.8	20.8	15	11.7	8.5					17.7	10.7	5.1					3.2	210
215						24.8	20	14.4	11	8					17	10.3	4.8					2.9	215
220						23.9	19.1	13.7	10.4	7.5					16.2	9.8	4.5					2.7	220
225						23.1	18.3	13.1	9.8	7						9.3	4.2					2.4	225
230						22.3	17.5	12.6	9.3	6.6						8.8	3.8						230
235						21.7	16.7	12	8.9	6.2						8.4	3.6						235
240						16	11.4	8.4	5.8							8	3.3						240
245							15.3	10.9	8	5.4							3						245
250							14.7	10.3	7.6	5.1							2.7						250
255							14.2	9.8	7.2	4.8							2.5						255
260								9.3	6.8	4.5													260
265								8.8	6.4	4.2													265
270								8.5	6	3.9													270
275								8.2	5.6	3.6													275
280								7.9	5.3	3.3													280
285									4.9	3													285
290									4.7	2.8													290
295									4.4	2.5													295
300									4.2	2.2													300

* adapter · pièce d'adaptateur

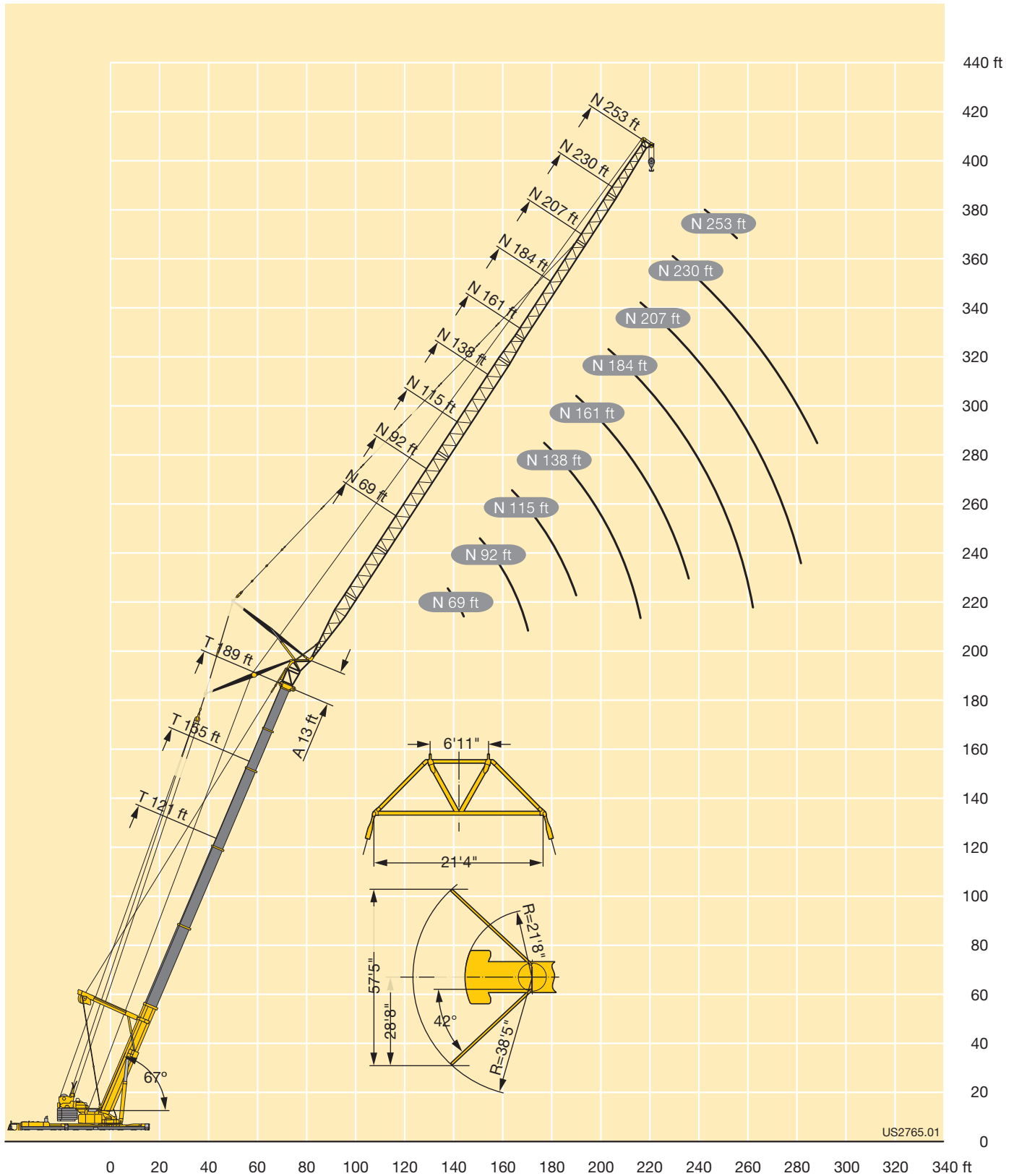
TAB 231406

STERLING CRANE

Lifting heights
Hauteurs de levage

TY3SN

276 ft



STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



 ft		121 ft + 13 ft*										155 ft + 13 ft*										 ft		
		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft			276 ft
100	87.5																							100
105	87.5																							105
110	83																							110
115	79	74.5																						115
120		73										64.5												120
125		70										61.5												125
130		66.5	64									58.6	56											130
135		64	62										54.2											135
140		61	59.2	55.2									51.8											140
145			56.7	54.9									49.6	47.3										145
150			54.4	52.6									47.5	45.2										150
155			52.2	50.5	47.8								45.6	43.3										155
160			50.2	48.4	46.8									41.5	40.2									160
165				46.5	44.9									39.8	38.5									165
170				44.7	43.2	41.6								38.2	36.9	35.2								170
175				43.1	41.5	40.2								36.8	35.4	33.9								175
180				41.5	39.9	38.6	36.5								34	32.5	30.2							180
185				40	38.4	37.1	36.1								32.7	31.2	29.9							185
190				38.5	37	35.7	34.7								31.4	29.9	28.6							190
195					35.6	34.4	33.4	31.5							30.2	28.7	27.5	25.4						195
200					34.4	33.1	32.1	30.7							29.1	27.6	26.4	24.7						200
205					33.1	31.9	30.9	29.5	27.3							26.5	25.3	23.7						205
210						30.7	29.7	28.3	27.3							25.5	24.3	22.7						210
215						29.6	28.7	27.2	26.2							24.6	23.3	21.8	20.7					215
220						28.6	27.6	26.2	25.2	23.2						23.6	22.4	20.9	20.1					220
225						27.6	26.6	25.2	24.2	22.8							21.6	20	19.2	16.8				225
230						26.6	25.6	24.2	23.2	21.9							20.7	19.2	18.4	16.7				230
235						25.7	24.7	23.3	22.3	21	19.4						19.9	18.4	17.6	16				235
240							23.9	22.5	21.4	20.1	18.7						19.2	17.7	16.9	15.2	13.4			240
245							23	21.7	20.6	19.3	17.9						18.4	17	16.1	14.5	13.1			245
250							22.2	20.8	19.8	18.5	17.1							16.3	15.4	13.8	12.4			250
255							21.5	20.1	19	17.7	16.4							15.6	14.8	13.2	11.9	9.6		255
260								19.4	18.3	17	15.7							15	14.1	12.6	11.4	9.3		260
265								18.7	17.6	16.3	15							14.4	13.5	12	11	8.8		265
270								18	16.9	15.6	14.3									12.9	11.6	10.5	8.4	270
275								17.4	16.3	15	13.6									12.4	11.1	10.1	8	275
280								16.8	15.6	14.4	13									12	10.7	9.7	7.5	280
285									15	13.8	12.5									11.6	10.3	9.3	7.1	285
290									14.4	13.2	12									11.1	9.9	8.9	6.7	290
295									13.9	12.6	11.5									10.8	9.5	8.5	6.3	295
300									13.3	12.1	11.1										9.2	8.2	5.9	300
305										11.7	10.7										8.8	7.8	5.6	305
310										11.3	10.3										8.5	7.5	5.3	310
315										11	9.9											7.2	5	315
320										10.6	9.6											6.9	4.7	320
325										10.2	9.2											6.6	4.4	325
330											8.9											6.3	4.2	330
340											8.2											5.7	3.6	340
350																						3.1		350

* adapter - pièce d'adaptateur

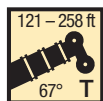
TAB 231409

STERLING CRANE

Lifting capacities Forces de levage

TY3SN

276 ft



	189 ft + 13 ft*									223 ft + 13 ft*					258 ft + 13 ft*			
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	69 ft	92 ft	115 ft	138 ft	161 ft	69 ft	92 ft	115 ft	
135	47.9																	135
140	47																	140
145																		145
150		40.4								36.4								150
155		39								35.2								155
160		37.4	34.4								25.8							160
165		35.8	34.1								25.6							165
170		34.4	32.7								24.5				19.9			170
175			31.3	28.9							23.5				19.1			175
180			30	28.2							22.5	18.9				10.4		180
185			28.8	27.1							18.7					10.3		185
190			27.7	26	24.4						17.8					9.9		190
195				24.9	23.4							17.1	13.3			9.5	4.6	195
200				23.9	22.4	19.5						16.3	12.9				4.4	200
205				22.9	21.5	19.3							12.2	9.1			4.2	205
210				22	20.6	18.4							11.7	9.1			3.9	210
215				21.2	19.7	17.5	12.4						11.1	8.6			3.6	215
220					18.9	16.7	12						10.6	8.2			3.3	220
225					18.1	15.9	11.4	6.6					10.2	7.8				225
230					17.4	15.1	10.9	6.6						7.4				230
235					16.7	14.4	10.3	6.2						7				235
240						13.8	9.8	5.8	3.1					6.7				240
245						13.2	9.3	5.5	3					6.3				245
250						12.6	8.9	5.1	2.7									250
255						12.1	8.5	4.8	2.5									255
260						11.7	8.1	4.4	2.3									260
265							7.7	4.1										265
270							7.3	3.8										270
275							7	3.5										275
280							6.7	3.2										280
285								2.9										285
290								2.6										290
295								2.3										295

* adapter · pièce d'adaptateur

TAB 231409