



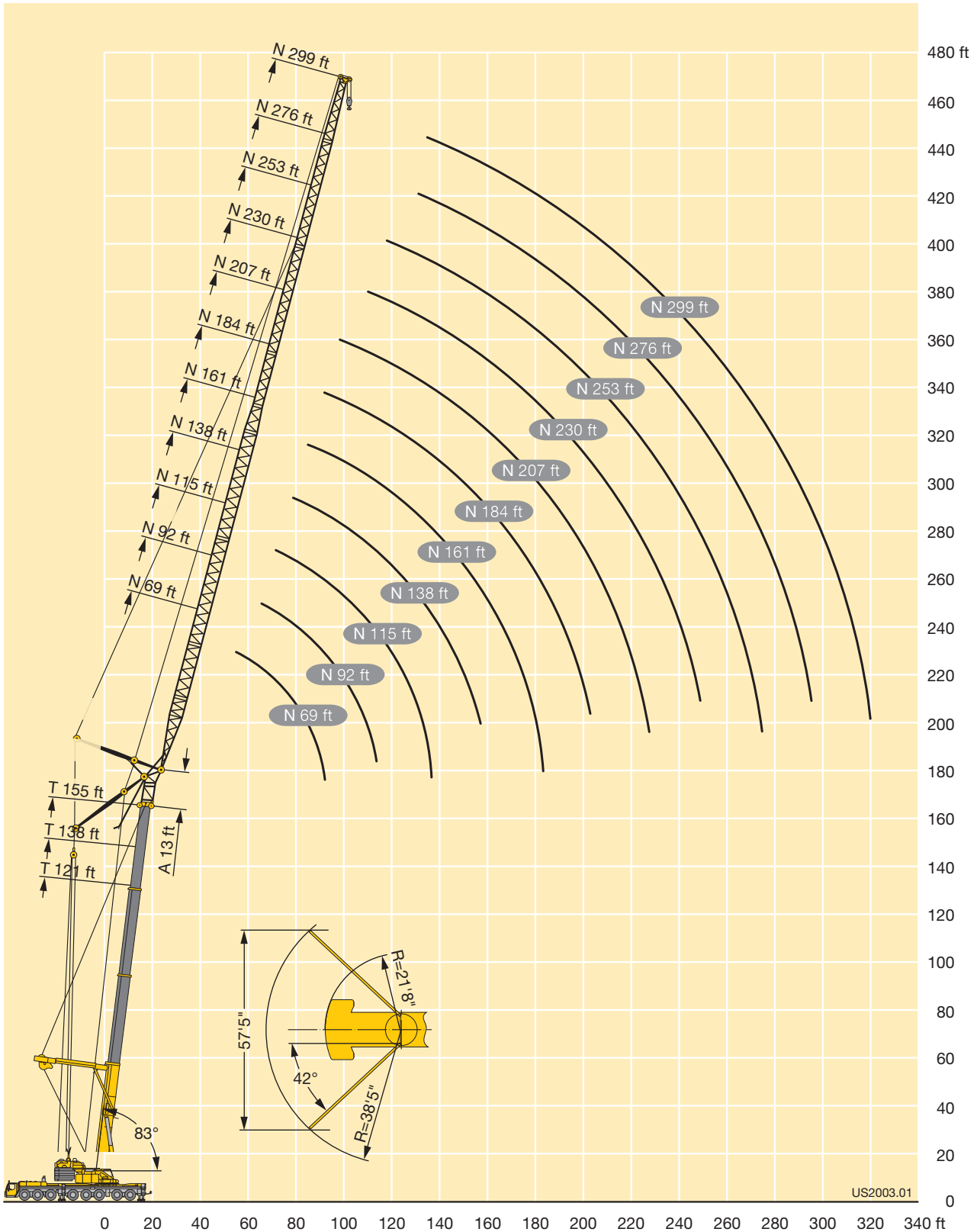
LIFTING CHARTS - All Terrain Cranes

LIEBHERR MODEL LTM 1500-8.1 - 620 TON CAPACITY

Lifting heights
Hauteurs de levage

TY3N

164 ft

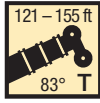


STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



	121 ft + 13 ft*											138 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					
55	215											200											55				
60	201	193										187	180										60				
65	189	181	172									176	170	157									65				
70	180	171	165									167	160	152									70				
75	170	162	156	145								160	152	145	132								75				
80	160	154	148	141	121							154	144	139	128								80				
85	150	147	141	135	120							148	138	132	124	110							85				
90		140	135	129	118	91.5							133	126	120	108	86.5						90				
95		132	129	124	116	90.5	77.5						128	121	115	106	85.5						95				
100		125	124	119	112	89	76.5	60.5					123	117	111	103	84.5	71					100				
105			117	115	108	88	75.5	58.9	51.7				117	113	106	100	83.5	70.5	56.6				105				
110			111	110	104	86.5	74.5	57.4	51.2				111	109	103	97.5	82.5	70	55.6				110				
115			106	105	101	85	73.5	56	50.6	39.2				104	100	94	81	69.5	54.5	45			115				
120			101	99.5	97	83.5	73	54.6	50	38.8	32.3			99	97	91	80	68.5	53.4	45	35.9		120				
125				96.5	95	93.5	82	72	53.2	49.3	32.3				94.5	93.5	88	79	68	52.3	45	35.9	28.3	125			
130				92	91	89.5	80.5	71	52	48.4	31.6				90.5	89.5	86	78	67.5	51.3	45	35.5	28.4	130			
135					87	85.5	79	70	50.7	47.6	36.1	31				85.5	83.5	77	66.5	50.2	45	35	28.5	135			
140					83.5	82	77.5	69	49.5	46.7	35.3	30.4				82	80.5	76	65.5	49.1	45	34.3	28.7	140			
145					80	78.5	76	68	48.3	45.7	34.5	29.8				78.5	77.5	74.5	65	48	44.8	33.7	28.8	145			
150					76.5	75.5	74	67.5	47.2	44.9	33.7	29.3				75.5	74.5	73	64.5	47	44	33.1	28.4	150			
155						72.5	71.5	67	46.2	44	32.9	28.8				71.5	71.5	70.5	64	45.9	43.2	32.4	28	155			
160						69.5	68.5	66.5	45.2	43.2	32.2	28.2				69	68	63.5	45	42.5	31.8	27.6		160			
165						67	66	65.5	44.3	42.3	31.5	27.6				66	65	63	44.1	41.8	31.1	27.1		165			
170						64.5	63.5	63	43.5	41.6	30.8	27.2				64	63	61.5	43.3	41	30.5	26.6		170			
175						57.5	61.5	60.5	42.9	40.9	30.2	26.7				61.5	60.5	59.3	42.7	40.4	29.9	26.2		175			
180							59.2	58.5	42.2	40.2	29.5	26.2					58.4	57.2	42	39.7	29.3	25.7		180			
185							57.2	56.5	41.6	39.6	28.9	25.8					56.4	55.2	41.4	39.2	28.7	25.3		185			
190							55.2	54.5	40.9	39.1	28.4	25.3					54.4	53.2	40.8	38.7	28.2	24.9		190			
195							49.5	52.7	40.3	38.6	27.9	24.9					52.6	51.5	40.3	38.2	27.7	24.5		195			
200								51	39.7	38.1	27.5	24.5					48.4	49.8	39.7	37.7	27.2	24.1		200			
205								49.3	39.1	37.6	27	24.1							48.1	39.2	37.3	26.8	23.7	205			
210								47.7	38.6	37.1	26.6	23.7							46.6	38.6	36.8	26.4	23.4	210			
215								43.4	38	36.7	26.2	23.4							45.1	38.1	36.4	26	23.1	215			
220								38.3	37.5	36.2	25.8	23.1							42.8	37.6	36	25.7	22.8	220			
225									37	35.8	25.4	22.8								37.1	35.6	25.3	22.5	225			
230									36.6	35.3	25	22.6								36.7	35.2	24.9	22.3	230			
235									35.9	34.9	24.6	22.3								36.4	34.8	24.6	22	235			
240									32.5	34.5	24.2	22								36.1	34.4	24.2	21.7	240			
245										34.1	23.9	21.7									33.8	34	23.9	21.5	245		
250										33.8	23.5	21.5										33.7	23.6	21.2	250		
255										32.8	23.2	21.2										33	23.3	21	255		
260										29.6	22.9	20.9										32.1	22.9	20.7	260		
265										25.9	22.6	20.6										30.1	22.6	20.5	265		
270											22.4	20.4											22.3	20.3	270		
275											22.1	20.1											22	20	275		
280											21.9	19.9											21.9	19.8	280		
285											21.4	19.7											21.7	19.5	285		
290												19.5											21.2	19.3	290		
295												19.3											19.7	19.2	295		
300												19.2												19	300		
305												18.8													18.9	305	
310												17.4														18.4	310

* adapter · pièce d'adaptateur

TAB 223282

STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



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	
55	176											55
60	174											60
65	163	155										65
70	155	148	135									70
75	147	141	132	116								75
80	142	134	127	115								80
85	138	127	122	112	99.5							85
90	136	122	117	108	97.5							90
95		118	112	105	95	80						95
100		115	107	102	92.5	79.5	62.5					100
105		112	103	98	90.5	78.5	62.5					105
110		109	101	94.5	88	77.5	62.5					110
115			98.5	91.5	86	76.5	62.5	49.3				115
120			96	88.5	84	75.5	62.5	49.3	40.1			120
125			93.5	86	81.5	74.5	62.5	49.3	40.4	31.5		125
130			89.5	84.5	79	73	62.5	49.3	40.9	31.8		130
135			85.5	83	77	71.5	62.5	48.9	41.5	32.1	23.8	135
140				81	75	70	62	48.1	41.9	32.5	24	140
145				77.5	73.5	68.5	61.5	47.1	42	32.7	24.2	145
150				74.5	72	67.5	60.5	46.2	42	32.5	24.5	150
155				71.5	70	66.5	59.3	45.3	42	32	24.9	155
160					67.5	65.5	58.4	44.4	41.7	31.4	25.1	160
165					65	64	57.7	43.5	41.1	30.8	25.2	165
170					62.5	61.5	57.1	42.7	40.5	30.2	25.2	170
175					60	59.2	56.5	42.1	39.9	29.7	25.2	175
180					57.9	57.1	55.4	41.5	39.2	29.1	25.2	180
185						55.1	53.9	40.9	38.7	28.6	25.1	185
190						53.2	52	40.4	38.2	28.1	24.7	190
195						51.4	50.2	39.9	37.7	27.6	24.3	195
200						49.7	48.5	39.3	37.3	27.1	24	200
205							46.9	38.8	36.9	26.7	23.6	205
210							45.4	38.3	36.5	26.3	23.3	210
215							43.9	37.9	36.1	25.9	22.9	215
220							42.6	37.4	35.7	25.5	22.7	220
225							40.5	37	35.3	25.2	22.4	225
230								36.5	34.9	24.9	22.1	230
235								36.2	34.6	24.5	21.9	235
240								36	34.2	24.2	21.6	240
245								35.2	33.8	23.9	21.4	245
250									33.1	23.6	21.1	250
255									32.1	23.3	20.9	255
260									31.2	22.9	20.7	260
265									30.2	22.6	20.4	265
270									28.9	22.3	20.2	270
275									25.9	22	20	275
280										21.9	19.7	280
285										21.7	19.5	285
290										21.6	19.3	290
295										21.5	19.1	295
300											19	300
305											18.9	305
310											18.9	310
315											18.8	315
320											17.1	320

* adapter · pièce d'adaptateur

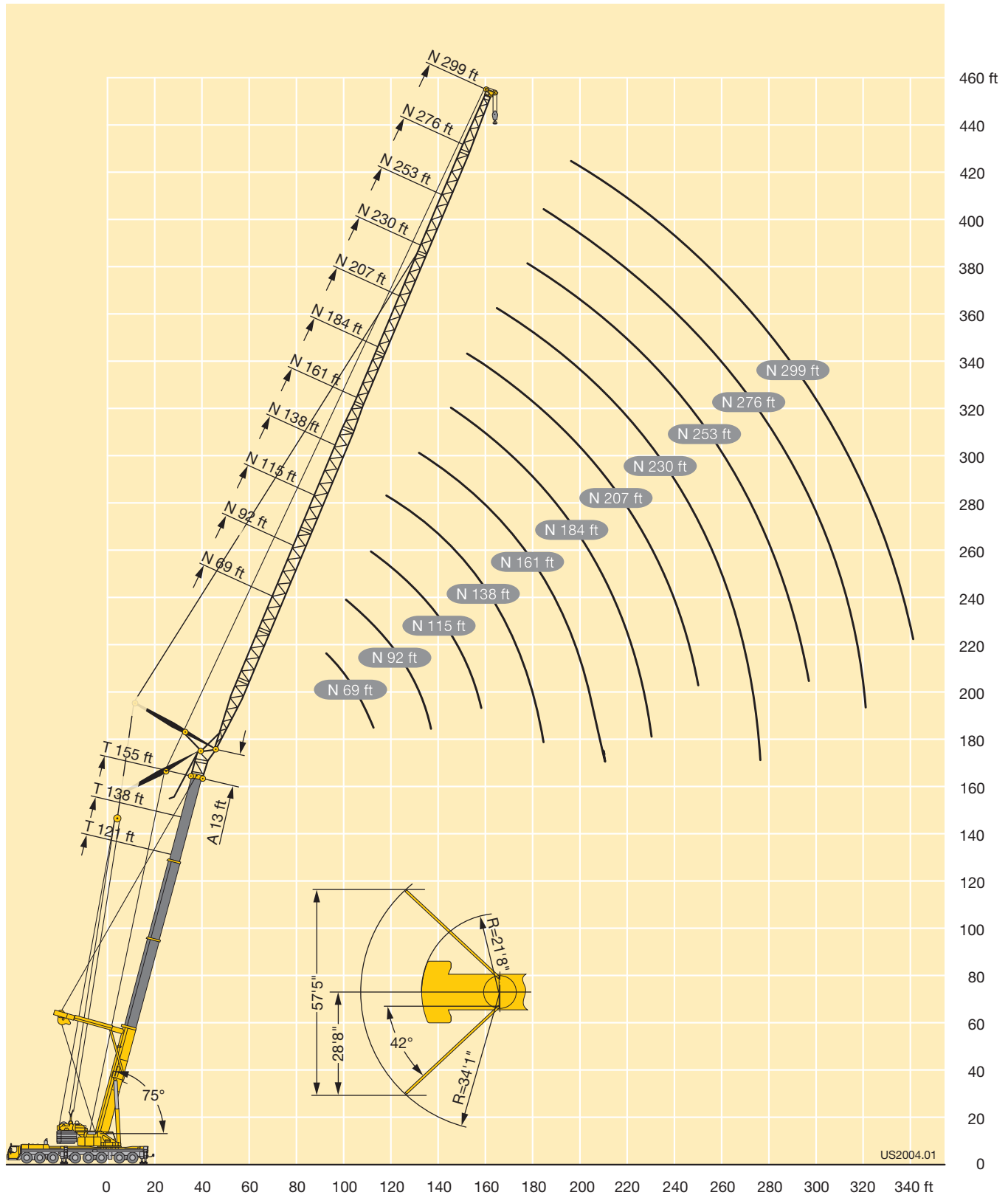
TAB 223282

STERLING CRANE

Lifting heights
Hauteurs de levage

TY3N

164 ft

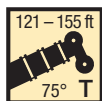


STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



 ft	121 ft + 13 ft*												138 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	299 ft			
75	148																						75		
80	145																						80		
85	136	134										130											85		
90	128	126										124											90		
95	121	119										118	115										95		
100	114	113	111									111	109	102									100		
105		107	105										104	102									105		
110		101	99.5	96.5									98.5	97									110		
115			95	93.5									94	92	88								115		
120		92	90.5	89	87								89.5	87.5	86.5	81							120		
125			86	85	83								85.5	83.5	82.5	81							125		
130			82.5	81	79	77							81.5	80	78.5	77							130		
135			79	77.5	75.5	74.5								76.5	75	73.5	70.5						135		
140			75.5	74.5	72.5	71	69.5							73.5	72	70.5	69.5	64.5					140		
145			72.5	71.5	69.5	68	67							70.5	69	67.5	66.5	64.5					145		
150			69.5	68.5	66.5	65.5	64.5	50.9						67.5	66	65	63.5	62					150		
155				66	64	62.5	62	50							63.5	62	61	59.5	49				155		
160				63	61.5	60	59.3	49	45						61	59.7	58.6	57.1	48.5				160		
165				61	59	57.8	57	47.9	44.9						58.8	57.4	56.3	54.8	47.6				165		
170				58.6	56.8	55.6	54.8	46.9	44.1	32.9					56.6	55.3	54.1	52.7	46.7	43.3			170		
175					54.8	53.6	52.7	46	43.4	32.3					54.6	53.2	52.1	50.7	45.8	42.7	31.8		175		
180					52.8	51.6	50.8	45.1	42.7	31.7	27.2					51.3	50.2	48.8	45	42.1	31.5		180		
185					50.9	49.8	48.9	44.3	42	31.1	27.1					49.5	48.4	46.9	44.2	41.5	30.9		185		
190					49.2	48	47.2	43.6	41.3	30.5	26.6					47.7	46.6	45.3	43.4	40.9	30.3	26.3	190		
195					47.6	46.4	45.5	43	40.6	29.9	26.2					46.1	45	43.7	42.6	40.3	29.8	26	195		
200						44.8	43.9	42.3	40.1	29.3	25.8						43.5	42.1	41.3	39.5	29.2	25.5	200		
205						43.3	42.4	41.5	39.4	28.8	25.3						42	40.7	39.9	38.3	28.7	25.1	205		
210						41.9	41	40.2	38.6	28.2	25						40.6	39.3	38.5	36.9	28.2	24.8	210		
215						40.5	39.7	38.8	37.3	27.8	24.6						39.3	38	37.2	35.6	27.7	24.4	215		
220							38.4	37.5	36	27.4	24.2						38	36.7	35.9	34.4	27.3	24	220		
225							37.1	36.3	34.8	26.9	23.8							35.5	34.7	33.2	26.9	23.7	225		
230							36	35.1	33.6	26.5	23.5							34.4	33.6	32	26.5	23.3	230		
235							34.9	34	32.5	26.1	23.2							33.3	32.5	30.9	26.1	23	235		
240							33.8	32.9	31.4	25.7	22.9							32.3	31.4	29.9	25.7	22.8	240		
245								31.9	30.4	25.3	22.6								30.4	28.9	25.3	22.5	245		
250								30.9	29.4	25	22.3								29.4	27.9	25	22.2	250		
255								29.9	28.4	24.6	22									28.5	27	24.6	21.9	255	
260								29	27.5	24.2	21.8								27.6	26.1	24.3	21.7	260		
265									26.6	23.8	21.5								26.7	25.2	23.8	21.4	265		
270									25.8	23.5	21.2									24.4	23.2	21.2	270		
275									25	23.1	20.9										23.6	22.4	21	275	
280									24.2	22.8	20.7										22.9	21.6	20.7	280	
285									23.5	22.2	20.4										22.2	20.9	20.2	285	
290										21.5	20.1											20.2	19.5	290	
295										20.8	19.6												19.5	18.9	295
300										20.2	18.9												18.9	18.2	300
305										19.5	18.3												18.3	17.6	305
310											17.6												17.7	16.9	310
315											17													16.3	315
320											16.4													15.7	320
325											15.9													15.2	325

* adapter · pièce d'adaptateur

TAB 223285

STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



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	
90	112											90
95	109											95
100	104	101										100
105	100	96.5										105
110	97	92.5	89									110
115		89	86									115
120		86	82.5	80								120
125		83	80	77								125
130		79.5	77	74	71.5							130
135		76	74.5	71.5	69.5							135
140			71.5	69	67	62.5						140
145			68.5	67	64.5	62.5						145
150			65.5	64.5	62.5	60	56.8					150
155			63	62	59.9	58.1	55.7					155
160				59.5	57.5	56.1	54.2	47				160
165				57.2	55.3	54.1	52.5	46.8				165
170				55	53.2	52	50.5	46				170
175				53.1	51.2	50.1	48.6	45.2	40.5			175
180				51.2	49.4	48.2	46.7	44.5	40.4			180
185					47.6	46.4	45	43.7	40.2			185
190					45.9	44.8	43.3	42.5	40	29.9		190
195					44.3	43.2	41.8	41	39.1	29.4	25.2	195
200					42.8	41.7	40.3	39.5	37.9	28.9	25	200
205						40.3	38.9	38.1	36.5	28.4	24.7	205
210						38.9	37.5	36.7	35.1	28	24.3	210
215						37.6	36.2	35.4	33.8	27.6	24	215
220						36.4	35	34.2	32.6	27.1	23.7	220
225						35.2	33.9	33.1	31.5	26.7	23.4	225
230							32.7	31.9	30.3	26.3	23.1	230
235							31.7	30.9	29.3	26	22.8	235
240							30.7	29.9	28.3	25.6	22.5	240
245							29.7	28.9	27.3	25.3	22.1	245
250								27.9	26.4	24.9	21.6	250
255								27	25.5	24.1	20.9	255
260								26.2	24.6	23.3	20.2	260
265								25.3	23.8	22.5	19.6	265
270								24.5	23	21.7	18.9	270
275								23.8	22.2	21	18.3	275
280									21.5	20.2	17.7	280
285									20.8	19.5	17.1	285
290									20.1	18.8	16.5	290
295									19.5	18.2	15.9	295
300										17.6	15.3	300
305										17	14.7	305
310										16.4	14.2	310
315										15.8	13.8	315
320										15.3	13.5	320
325											13.3	325
330											13	330
340											12.4	340

* adapter · pièce d'adaptateur

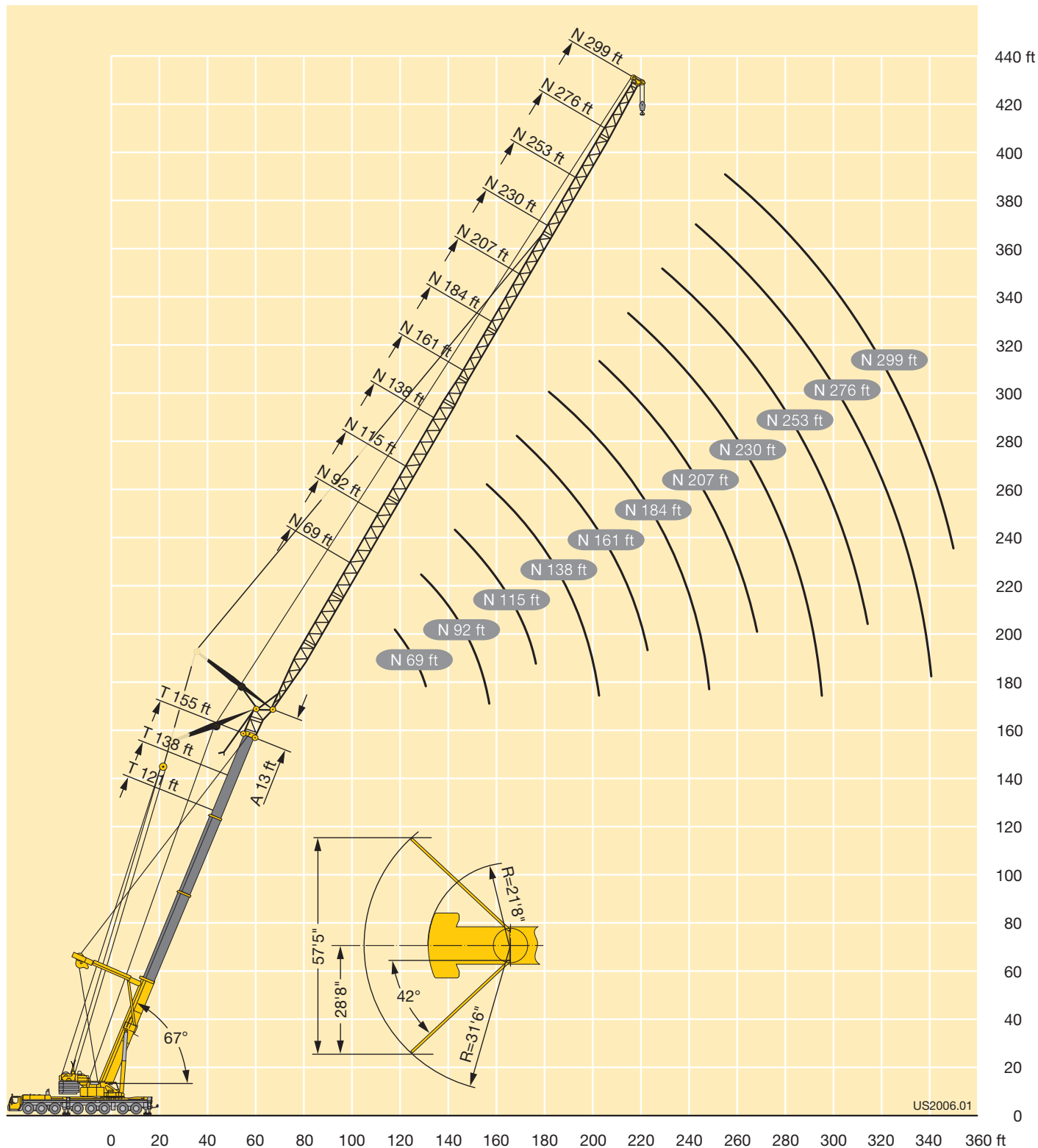
TAB 223285

STERLING CRANE

Lifting heights
Hauteurs de levage

TY3N

164 ft



STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



 ft	121 ft + 13 ft*											138 ft + 13 ft*											 ft
	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	253ft	276ft	299ft	69ft	92ft	115ft	138ft	161ft	184ft	207ft	230ft	253ft	276ft	299ft	
100	97.5																						100
105	97.5																						105
110	92.5											87.5											110
115	88	83.5										85											115
120		82.5										81											120
125		78.5											75										125
130		75	72.5										72										130
135		72	70										68.5										135
140		68.5	67	63									65.5	64									140
145			64	63									63	61									145
150				61.5	60								60.5	58.6	56.8								150
155				59.1	57.7	54.6								56.3	54.9								155
160				56.8	55.5	53.5								54.1	52.7	49.5							160
165					53.3	51.3								52	50.6	49.1							165
170					51.3	49.3	47.8							50.1	48.7	47.2							170
175					49.4	47.5	46.2								46.9	45.4	43.4						175
180					47.7	45.7	44.4	42.2							45.2	43.7	42.4						180
185					46	44	42.8	41.8							43.6	42.1	40.8						185
190					44.4	42.5	41.2	40.2							42	40.5	39.3	37.6					190
195						41	39.7	38.7	37.3						40.6	39.1	37.9	36.3					195
200						39.6	38.3	37.3	36.5							37.7	36.5	34.9	33.2				200
205						38.2	37	36	35.1	32.2						36.4	35.2	33.7	32.8				205
210							35.7	34.7	33.8	32.2							35.2	33.9	32.5	31.6			210
215							34.5	33.5	32.6	31						34	32.8	31.3	30.4	28.4			215
220							33.3	32.4	31.5	29.9	27.8						31.7	30.2	29.3	27.7			220
225							32.2	31.3	30.4	28.8	27.4						30.6	29.1	28.3	26.6			225
230							31.2	30.2	29.3	27.7	26.4						29.5	28.1	27.3	25.6			230
235							30.2	29.2	28.3	26.7	25.4	23.8					28.6	27.2	26.3	24.7	23		235
240								28.2	27.3	25.8	24.4	23.1					27.7	26.2	25.4	23.8	22.4		240
245								27.3	26.4	24.8	23.5	22.1						25.4	24.5	22.9	21.5	20.1	245
250								26.4	25.5	23.9	22.6	21.3						24.5	23.6	22	20.7	20	250
255								25.6	24.7	23.1	21.8	20.5						23.7	22.8	21.2	19.9	19.2	255
260									23.9	22.3	21	19.6						22.9	22	20.4	19.1	18.4	260
265									23.1	21.5	20.2	18.9							21.3	19.7	18.3	17.7	265
270									22.3	20.8	19.5	18.1							20.5	19	17.6	16.9	270
275									21.6	20	18.8	17.4							19.9	18.3	16.9	16.3	275
280									20.9	19.3	18.1	16.7							19.2	17.6	16.3	15.6	280
285										18.7	17.4	16.1							18.5	17	15.7	15	285
290										18	16.8	15.4								16.3	15	14.3	290
295										17.4	16.1	14.8								15.8	14.4	13.7	295
300										16.8	15.5	14.2								15.2	13.9	13.2	300
305											15	13.7								14.6	13.3	12.6	305
310											14.4	13.1									12.8	12.1	310
315											13.9	12.5									12.3	11.7	315
320											13.3	12.1									11.9	11.3	320
325											12.8	11.7									11.6	10.9	325
330												11.3										10.6	330
340												10.6										9.8	340
350																						9.1	350

* adapter - pièce d'adaptateur

TAB 223288

STERLING CRANE

Lifting capacities Forces de levage

TY3N

164 ft



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	
120	78											120
125	74.5											125
130	71	68										130
135		66										135
140		63										140
145		60.5	58.6									145
150		58	56.2									150
155		55.7	53.9									155
160			51.8	50.4								160
165			49.8	48.4								165
170			47.9	46.6	44.3							170
175			46.1	44.8	42.8							175
180				43.2	41.2	38.7						180
185				41.6	39.6	38.3						185
190				40.1	38.1	36.9						190
195				38.7	36.7	35.5						195
200				37.3	35.4	34.2	31.7					200
205					34.2	32.9	31.3					205
210					33	31.7	30.1					210
215					31.9	30.6	29	27.9				215
220					30.8	29.5	28	27.1				220
225						28.5	27	26.1	23.6			225
230						27.5	26	25.2	23.5			230
235						26.6	25.1	24.2	22.6			235
240						25.7	24.2	23.4	21.7	19.8		240
245						24.8	23.4	22.5	20.9	19.5		245
250							22.5	21.7	20.1	18.6		250
255							21.8	20.9	19.3	17.9	17.1	255
260							21	20.2	18.5	17.1	16.5	260
265							20.3	19.4	17.8	16.4	15.8	265
270								18.7	17.1	15.8	15.1	270
275								18.1	16.5	15.1	14.4	275
280								17.4	15.8	14.5	13.8	280
285								16.8	15.2	13.9	13.2	285
290								16.2	14.6	13.3	12.6	290
295								15.6	14.1	12.7	12.1	295
300									13.5	12.2	11.7	300
305									13	11.8	11.3	305
310									12.5	11.4	10.9	310
315										11	10.5	315
320										10.7	10.1	320
325										10.3	9.7	325
330										10	9.3	330
340										9.3	8.6	340
350											8	350

* adapter · pièce d'adaptateur

TAB 223288