

Liebherr LTM1400-7.1 (500T)



EQUIPMENT SPECIFICATIONS



**WITHOUT
QUESTION**

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IRVING EQUIPMENT LIMITED
1-800-561-CRANE (2726)
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INFO

IDENTIFICATION

Asset Number	CR267
Crane Make	Liebherr
Crane Model	LTM1400 – 7.1
Type	500T All-Terrain
Serial Number	072067

DIMENSIONS

Overall length of carrier	54'10"
Overall width of carrier	10'2"
Transportation height	13'1"
Fullspan outriggers c-c	31'2
Midspan outriggers c-c	20'2"
Outriggers, front to rear length	32'9"
Tailswing radius	18'4" – 21'8"
Overall length, boom in rest.	60'10"
Center of rotation to back bumper	15'3"
Center of rotation to front bumper	39'1
Counterweight removed	89,839lbs
Counterweight & jib removed	87,194lb
Dolly	(Boom launch)

OPERATOR FEATURES

Highly versatile for heavy lift & long reach projects	5-Section, telescopic boom w/Telematik
Boom guying system	Self-assemble Y-frames
Variable, active rear steering	Work area definition
20-degree tiltable cab	Modern cab
LICCON Monitor display	

HOISTING INFO

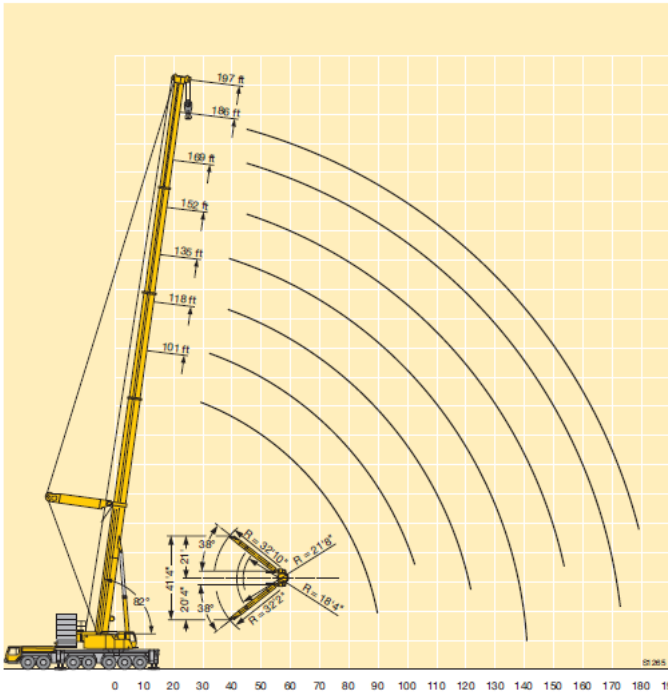
Full counterweight	308,600lb
Fixed jib, length options	23' – 184'
Fixed jib, offset angles	0°, 20°, 40°
Luffing jib	46'-276'
Main boom max. length	197'
Slewing speed	1.5rpm
Boom up time to 0-82°	70 seconds
Travel Speed	50 mph
Boom scoping time 51'-197'	360 seconds
No. Winches	3
Line Pull, max. single line	28,415lbs
Max line speed	426'/minute
Gradeability	39.7%
Hoist Rope	.98"



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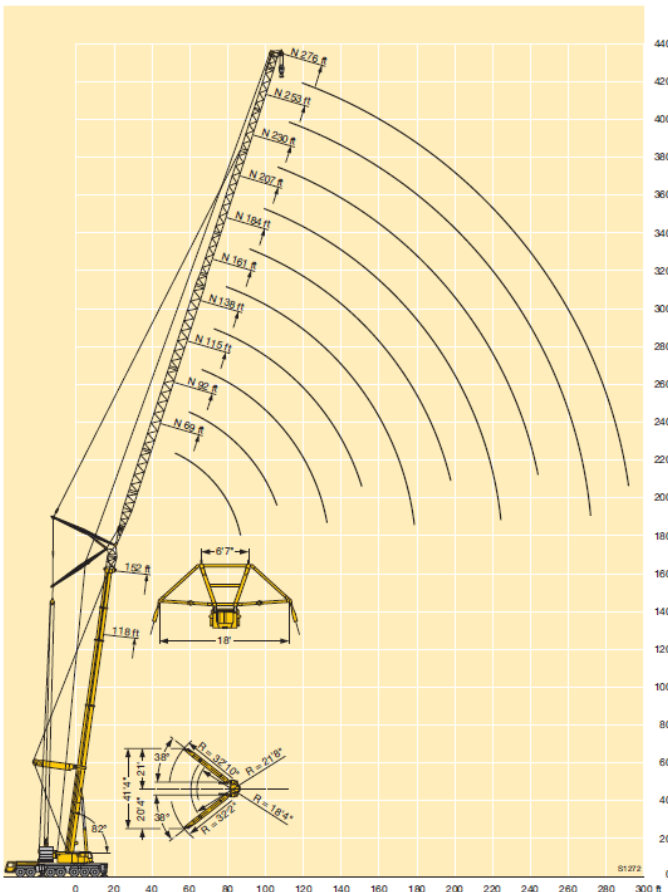
CAPACITY/RANGE - SAMPLE INFO



ft	101 - 197 ft										ft
	101 ft	118 ft	135 ft	152 ft	169 ft	186 ft	197 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								28
30	301	299	280	252							30
32	285	284	270	242	211						32
34	270	266	251	234	207						34
36	257	259	250	227	201						36
38	244	246	240	220	195	166					38
40	231	234	230	213	190	164	152				40
45	205	209	224	207	195	176	153	142			45
50	184	188	203	198	181	167	146	135			50
55	166	169	184	170	167	157	137	128			55
60	152	153	167	154	158	146	130	121			60
65	139	148	152	140	148	135	123	115			65
70	127	138	127	140	128	126	116	109			70
75	116	128	117	129	118	117	110	104			75
80	106	118	107	118	108	108	104	98.5			80
85	98	108	99	109	100	110	99.5	93.5			85
90	90.5	99	91.5	102	92.5	103	92	89			90
95		85	94.5	86	95.5	86	95.5	84			95
100		79	88	80	89	79.5	88.5	78.5			100
105				74.5	83	74	82.5	72.5			105
110				69.5	78	69.5	77.5	68			110
115				65	73	65	72.5	63.5			115
120				61	68.5	60	68	59.1			120
125					64.5	56.4	64	55.3			125
130					53.4	52.9	60	51.8			130
135					50.2	57.1	49.7	56.6			135
140					43.9	48.3	46.7	53.3			140
145							44	50.3			145
150							41.4	47.8			150
155							39.1	44.6			155
160								35.5			160
165								33.4			165
170								31.4			170
175								29.7			175
180								28			180

* ballast retracted / contropoids retractés

TAB 145436 / 145434



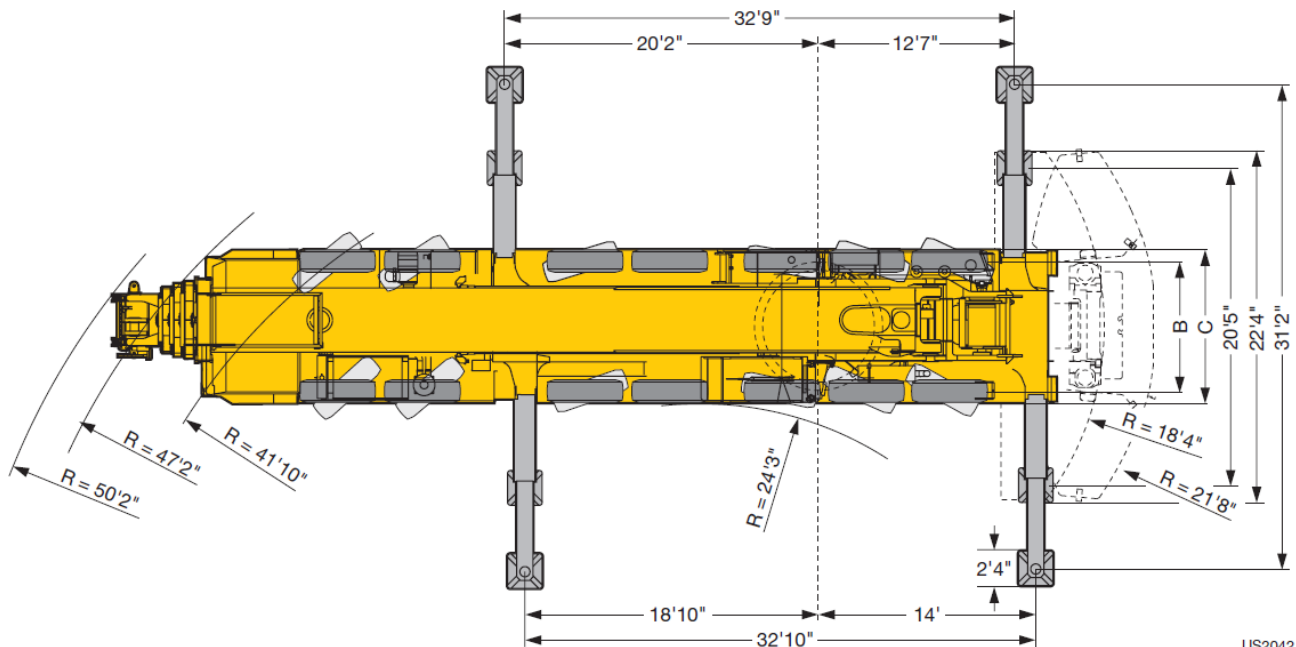
ft	118 - 276 ft										ft
	118 ft	135 ft	152 ft	169 ft	186 ft	197 ft	213 ft	230 ft	247 ft	276 ft	
45	154										45
50	147	129									50
55	139	127	105								55
60	131	122	104								60
65	123	117	104	82							65
70	112	100	82	66.5							70
75	109	107	97	82	66.5						75
80	102	94	82	66.5							80
85	97	91	81.5	66.5							85
90	92	85.79	66.5	54.1							90
95	87	85.77	66.5	54.1	44.5						95
100	81.5	82	74.5	66	54.1	44.5	36				100
105		78	72.5	65.5	54.1	44.5	36	30			105
110		74.5	70.5	63.5	54.1	44.5	36	30			110
115		70.5	68.5	62	54.1	44.5	36	30	23.5		115
120		66.5	66	60.5	53.7	44.5	36	30	23.5		120
125		63	59.1	52.5	44.5	36	30	23.5			125
130		60.5	57.7	51.3	44.5	36	30	23.5			130
135		58.2	55.7	50.2	44.4	36	30	23.5			135
140		55.7	53.6	49.1	44	36	30	23.5			140
145		52.8	51.6	48	43.2	36	30	23.5			145
150		49	49.6	47	42.4	36	30	23.5			150
155		47.9	45.8	41.6	35.7	29.9	23.5				155
160		46	44.4	40.9	35.3	29.8	23.5				160
165		44.2	42.8	40.1	34.8	29.5	23.5				165
170		42.4	41.3	39.3	34.2	29.1	23.5				170
175		39.8	38	37.2	33.7	28.7	23.5				175
180		38.3	36.7	35.2	32.8	28.2	23.5				180
185		36.8	35.5	32.8	27.9	23.5					185
190		35.4	34.3	32.2	27.5	23.5					190
195		33	31.1	27.1	23.4						195
200		31.8	30.1	26.8	23.3						200
205		30.6	29	26.5	23.1						205
210		29.5	28	26.1	22.9						210
215		28.4	27	25.8	22.7						215
220		26	25.3	22.5							220
225		25	24.5	22.2							225
230		24.1	23.6	22							230
235		23.2	22.7	21.3							235
240		21.9	20.5								240
245		21	19.7								245
250		20.3	19								250
255		19.5	18.2								255
260		18.8	17.5								260
265		16.8									265
270		16.2									270
275		15.5									275
280		14.9									280
285											285

* adapter / pièce d'adaptateur

TAB 145503



DIMENSIONS



- ✓ FULL-SERVICE PROVIDER FOR CRANE RENTAL, RIGGING, AND LIFT PLANNING.
- ✓ DAILY, WEEKLY, MONTHLY RATES AVAILABLE
- ✓ DRY-LEASE AND LONG-TERM RENTALS
- ✓ OUR PURPOSE IS TO LEAVE 'NO ROOM FOR DOUBT'!