



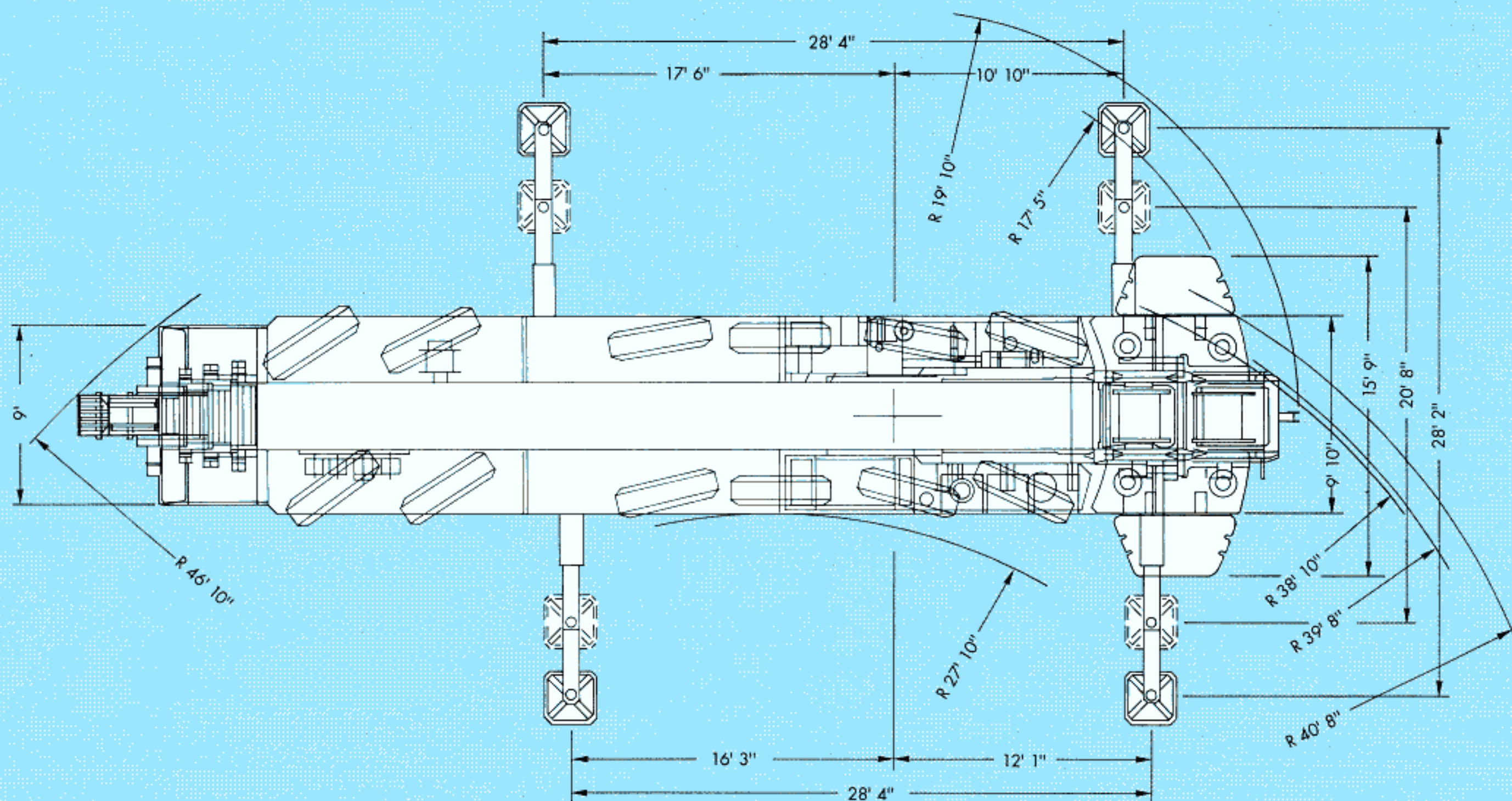
KRUPP

**300 ton Capacity
All-Terrain-Crane**



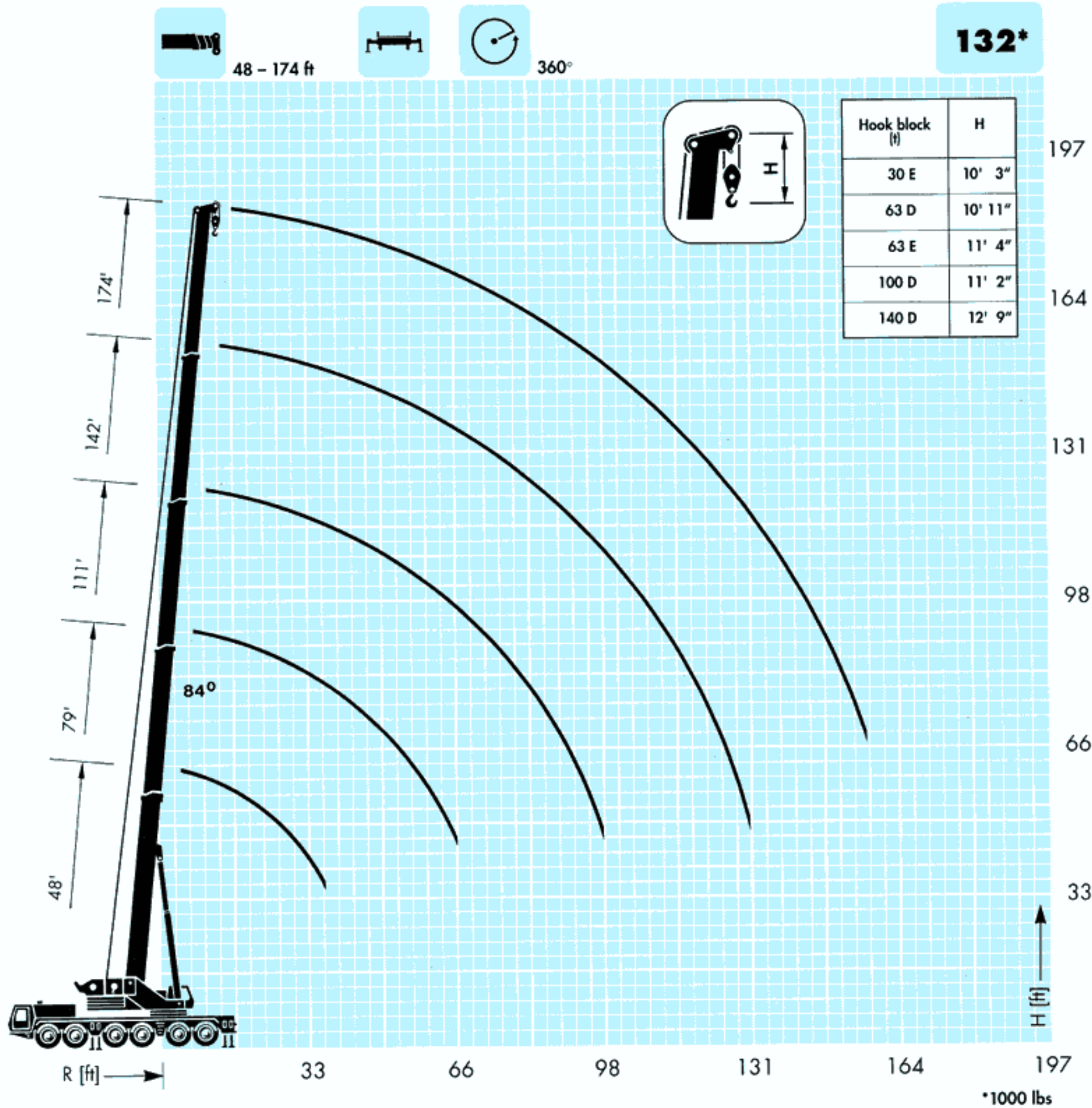
KMK 6300





Working range

Main boom





Main boom

Lifting capacities in 1000 lbs



48 – 174 m



360°

Counterweight **132,2*** lbs

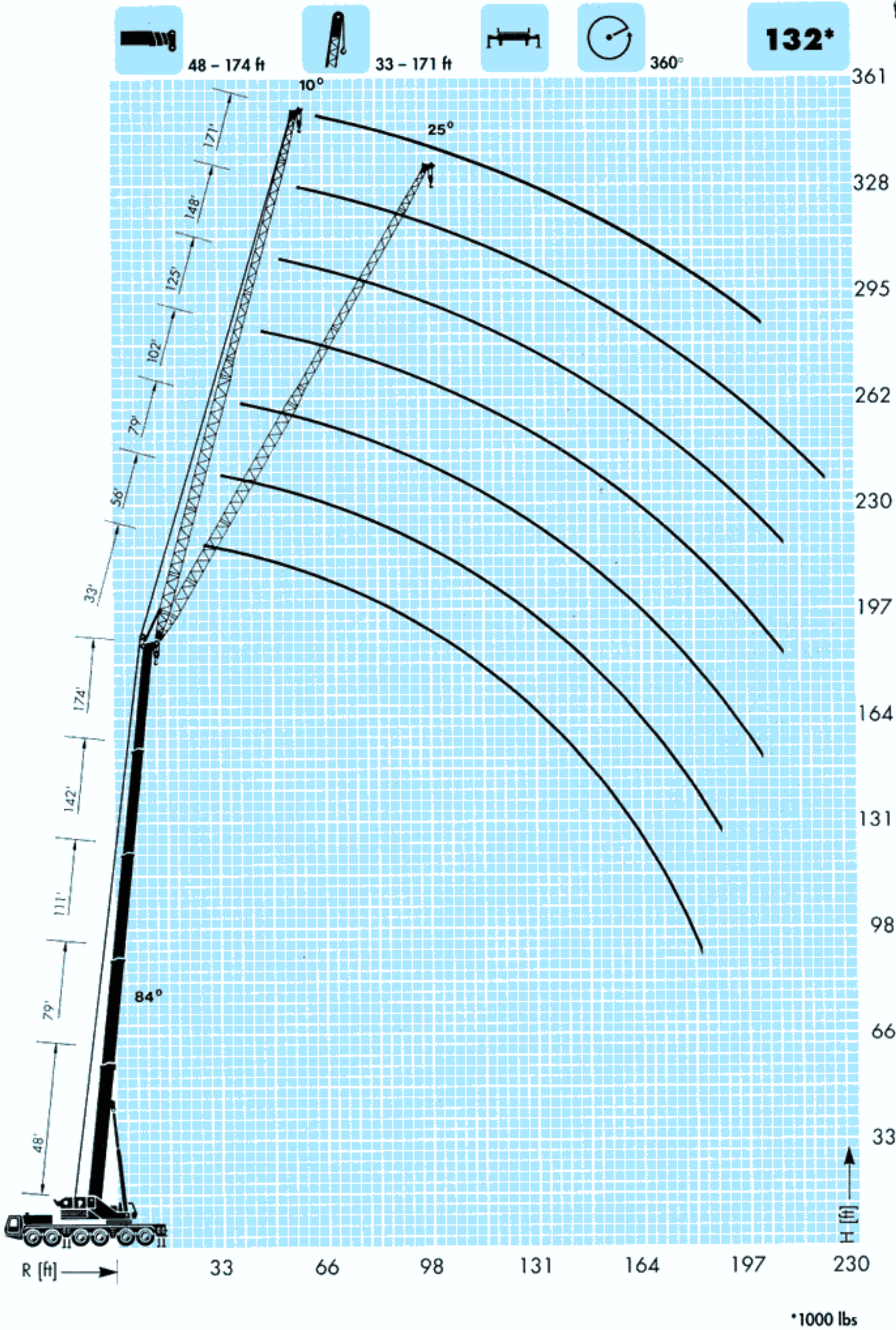
Radius		Boom length																Radius			
		48 ft *	48 ft	63 ft	79 ft	95 ft	101 ft	111 ft	133 ft	142 ft	164 ft	174 ft									
ft																		ft			
** 9		600.0																** 9			
10		480.0	390.0	328.0	304.0	218.0												10			
15		365.0	310.0	306.0	304.0	218.0	182.0	186.0										15			
20		283.0	252.0	250.0	250.0	208.0	162.0	165.0	116.0	99.0	75.0							20			
25		225.0	213.0	210.0	210.0	184.0	142.0	154.0	116.0	99.0	75.0	65.0						25			
30		185.0	182.0	180.0	180.0	164.0	126.0	140.0	115.0	99.0	75.0	65.0						30			
35		155.0	156.0	153.0	153.0	147.0	113.0	127.0	107.0	99.0	75.0	65.0						35			
40				128.0	131.0	127.0	101.0	115.0	98.0	92.0	75.0	65.0						40			
45				109.0	112.0	108.0	92.0	103.0	89.0	84.0	72.0	65.0						45			
50				94.0	97.0	94.0	84.0	93.0	82.0	78.0	70.0	65.0						50			
55					85.0	82.0	77.0	81.0	75.0	72.0	65.0	63.0						55			
60					75.0	71.0	71.0	71.0	69.0	66.0	60.0	59.0						60			
65					65.0	62.0	66.0	61.0	64.0	61.0	56.0	56.0						65			
70						54.0	61.0	53.0	56.0	56.0	52.0	52.0						70			
75						47.0	54.0	53.0	50.0	50.0	48.0	49.0						75			
80							48.0	49.0	43.8	45.0	45.0	46.0						80			
85							43.0	43.8	40.8	39.6	41.8	43.2						85			
90								39.4	38.4	37.2	39.0	40.0						90			
95								35.4	36.2	35.0	35.2	36.0						95			
100									34.4	33.0	31.6	32.6						100			
105									32.6	31.4	28.6	29.4						105			
110									29.8	30.0	25.8	26.8						110			
115									27.2	28.0	23.2	24.2						115			
120										25.8	21.0	21.8						120			
125										23.6	19.0	19.8						125			
130										21.6	17.0	17.8						130			
135											15.2	16.2						135			
140											13.6	14.4						140			
145											12.0	13.0						145			
150											10.6	11.6						150			
155												10.2						155			
	T1	0	0	0.5	0.5	0	0	1.0	0	0	1.0	0	0	1.0	0	1.0	0	1.0	1.0	T1	
	T2	0	0	0	0.5	1.0	0	0.5	1.0	0	1.0	1.0	0	1.0	1.0	1.0	1.0	1.0	1.0	T2	
	T3	0	0	0	0	0	1.0	0	0.7	1.0	0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	1.0	T3	
	T4	0	0	0	0	0	0	0	0	0.7	0	0	1.0	0	0.7	0	1.0	0.7	1.0	T4	
%																				% 	

Counterweight **88,2*** lbs

Radius		Boom length				
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Working range

Lattice extension





Main boom + lattice extension (10° off-set)

Lifting capacities in 1000 lbs



33 – 171 ft



360°

Counterweight **132,2*** lbs

Radius	Main boom length – 174'							Radius
ft	33 ft	56 ft	79 ft	102 ft	125 ft	148 ft	171 ft	ft
30	39.2							30
35	39.2							35
40	39.2	29.2						40
45	38.2	27.4						45
50	35.2	25.8	19.4					50
55	33.8	24.4	18.4					55
60	32.0	23.2	17.6	13.6				60
65	30.4	22.2	16.8	13.2				65
70	29.2	21.4	16.2	12.8				70
75	28.0	20.6	15.6	12.4	10.4			75
80	27.0	19.8	15.2	12.0	10.0	6.6		80
85	26.2	19.2	14.6	11.6	9.8	6.6		85
90	25.4	18.6	14.2	11.4	9.6	6.4		90
95	24.6	18.2	14.0	11.0	9.4	6.2	5.0	95
100	24.2	17.8	13.6	10.8	9.2	6.0	5.0	100
105	23.6	17.4	13.2	10.6	9.0	5.8	4.8	105
110	23.2	17.0	13.0	10.4	8.8	5.8	4.8	110
115	22.8	16.8	12.8	10.2	8.6	5.6	4.6	115
120	21.8	16.4	12.6	10.0	8.6	5.6	4.6	120
125	19.6	16.2	12.4	9.8	8.4	5.4	4.6	125
130	17.6	16.0	12.2	9.8	8.2	5.4	4.4	130
135	15.8	16.0	12.2	9.6	8.2	5.4	4.4	135
140	14.2	15.4	12.0	9.6	8.2	5.2	4.4	140
145	12.6	13.8	12.0	9.4	8.0	5.2	4.2	145
150	11.0	12.4	11.8	9.4	8.0	5.2	4.2	150
155	9.8	11.0	11.8	9.4	7.8	5.0	4.0	155
160	8.4	9.6	11.4	9.2	7.8	5.0	3.8	160
165	7.2	8.4	10.2	9.2	7.8	5.0	3.6	165
170	6.0	7.2	9.0	9.2	7.8	5.0	3.4	170
175	5.0	6.2	8.0	8.6	7.4	5.0	3.2	175
180	4.0	5.2	6.8	7.6	7.2	4.8	3.0	180
185	3.0	4.2	5.8	6.6	6.8	4.8	2.8	185
190	2.2	3.2	5.0	5.6	6.2	4.6	2.6	190
195		2.4	4.0	4.6	5.2	4.4	2.4	195
200			3.2	3.8	4.4	4.2	2.2	200
205			2.4	3.0	3.6	4.0	2.2	205
210				2.2	2.8	4.0		210
215					2.0	3.6		215
220						2.8		220
225						2.2		225

Counterweight **88,2*** lbs

Radius	Main boom length – 174'							Radius
ft	33 ft	56 ft	79 ft	102 ft	125 ft	148 ft	171 ft	ft
30	39.2							30
35	39.2							35
40	39.2	29.2						40
45	38.2	27.4						45
50	35.8	25.8	19.4					50
55	33.8	24.4	18.4					55
60	32.0	23.2	17.6	13.6				60
65	30.4	22.2	16.8	13.2				65
70	29.2	21.4	16.2	12.8				70
75	28.0	20.6	15.6	12.4	10.4			75
80	27.0	19.8	15.2	12.0	10.0	6.6		80
85	26.2	19.2	14.6	11.6	9.8	6.6		85
90	25.4	18.6	14.2	11.4	9.6	6.4		90
95	24.6	18.2	14.0	11.0	9.4	6.2	5.0	95
100	21.8	17.8	13.6	10.8	9.2	6.0	5.0	100
105	19.0	17.4	13.2	10.6	9.0	5.8	4.8	105
110	16.4	17.0	13.0	10.4	8.8	5.8	4.8	110
115	14.2	16.0	12.8	10.2	8.6	5.6	4.6	115
120	12.2	13.8	12.6	10.0	8.6	5.6	4.6	120
125	10.4	12.0	12.4	9.8	8.4	5.4	4.6	125
130	8.6	10.2	12.2	9.8	8.2	5.4	4.4	130
135	7.0	8.6	10.6	9.6	8.2	5.4	4.4	135
140	5.6	7.2	9.2	9.6	8.2	5.2	4.4	140
145	4.4	5.8	7.8	8.6	8.0	5.2	4.2	145
150	3.2	4.6	6.4	7.4	8.0	5.2	4.2	150
155	2.0	3.4	5.2	6.2	6.8	5.0	4.0	155
160		2.4	4.2	5.0	5.8	5.0	3.8	160
165			3.2	4.0	4.6	5.0	3.6	165
170			2.2	3.0	3.6	5.0	3.4	170
175					2.6	4.2	3.2	175
180						3.4	3.0	180
185						2.4	2.8	185

Main boom + lattice extension (25° off-set)

Lifting capacities in 1000 lbs



33 – 171 ft



360°

Counterweight **132,2*** lbs

Radius ft	Main boom length – 174'							Radius ft
	33 ft	56 ft	79 ft	102 ft	125 ft	148 ft	171 ft	ft
45	35.8							45
50	34.0							50
55	32.2							55
60	30.8	21.8						60
65	29.6	21.0						65
70	28.4	20.4						70
75	27.4	19.8	14.8					75
80	26.6	19.2	14.4					80
85	26.0	18.6	14.0					85
90	25.2	18.2	13.8	10.8				90
95	24.6	17.8	13.4	10.6				95
100	24.2	17.6	13.2	10.4				100
105	23.8	17.2	13.0	10.2	8.6			105
110	23.4	17.0	12.8	10.2	8.4			110
115	23.0	16.8	12.8	10.0	8.4			115
120	22.2	16.6	12.6	9.8	8.4			120
125	20.6	16.6	12.4	9.8	8.2	5.4		125
130	18.6	16.4	12.4	9.8	8.0	5.2		130
135	16.6	16.4	12.4	9.6	7.8	5.2		135
140	15.0	16.0	12.2	9.6	7.6	5.2	3.2	140
145	13.2	15.2	12.2	9.6	7.4	5.2	3.2	145
150	11.8	13.6	12.2	9.6	7.2	5.0	3.0	150
155	10.2	12.2	12.2	9.6	7.2	4.8	2.8	155
160	9.0	10.8	11.8	9.6	7.0	4.6	2.6	160
165	7.6	9.4	11.2	9.4	6.8	4.4	2.4	165
170	6.4	8.2	10.6	9.0	6.6	4.2	2.2	170
175	5.2	7.0	9.4	8.8	6.6	4.0	2.2	175
180		6.0	8.2	8.4	6.4	4.0	2.0	180
185		4.8	7.2	8.2	6.2	3.8		185
190		3.8	6.0	7.4	6.2	3.6		190
195		2.8	5.2	6.4	6.0	3.6		195
200			4.2	5.4	5.8	3.4		200
205			3.2	4.4	5.6	3.2		205
210			2.4	3.6	4.6	3.2		210
215				2.8	3.8	3.0		215
220					3.0	3.0		220
225					2.2	2.8		225
230						2.8		230
235						2.6		235

Counterweight **88,2*** lbs

Radius ft	Main boom length – 174'							Radius ft
	33 ft	56 ft	79 ft	102 ft	125 ft	148 ft	171 ft	ft
45	35.8							45
50	34.0							50
55	32.2							55
60	30.8	21.8						60
65	29.6	21.0						65
70	28.4	20.4						70
75	27.4	19.8	14.8					75
80	26.6	19.2	14.4					80
85	26.0	18.6	14.0					85
90	25.2	18.2	13.8	10.8				90
95	24.6	17.8	13.4	10.6				95
100	23.4	17.6	13.2	10.4				100
105	20.4	17.2	13.0	10.2	8.6			105
110	17.8	17.0	12.8	10.2	8.4			110
115	15.4	16.8	12.8	10.0	8.4			115
120	13.4	16.0	12.6	9.8	8.4			120
125	11.4	14.0	12.4	9.8	8.2	5.4		125
130	9.6	12.0	12.4	9.8	8.0	5.2		130
135	8.0	10.4	12.4	9.6	7.8	5.2		135
140	6.4	8.8	11.6	9.6	7.6	5.2	3.2	140
145	5.2	7.2	10.0	9.6	7.4	5.2	3.2	145
150	3.8	6.0	8.6	9.6	7.2	5.0	3.0	150
155	2.6	4.6	7.2	8.8	7.2	4.8	2.8	155
160		3.4	6.0	7.4	7.0	4.6	2.6	160
165		2.4	4.8	6.2	6.8	4.4	2.4	165
170			3.8	5.2	6.4	4.2	2.2	170
175			2.8	4.0	5.4	4.0	2.2	175
180				3.0	4.4	4.0	2.0	180
185				2.2	3.4	3.8		185
190					2.4	3.6		190
195						3.6		195
200						2.8		200



79 - 155 ft



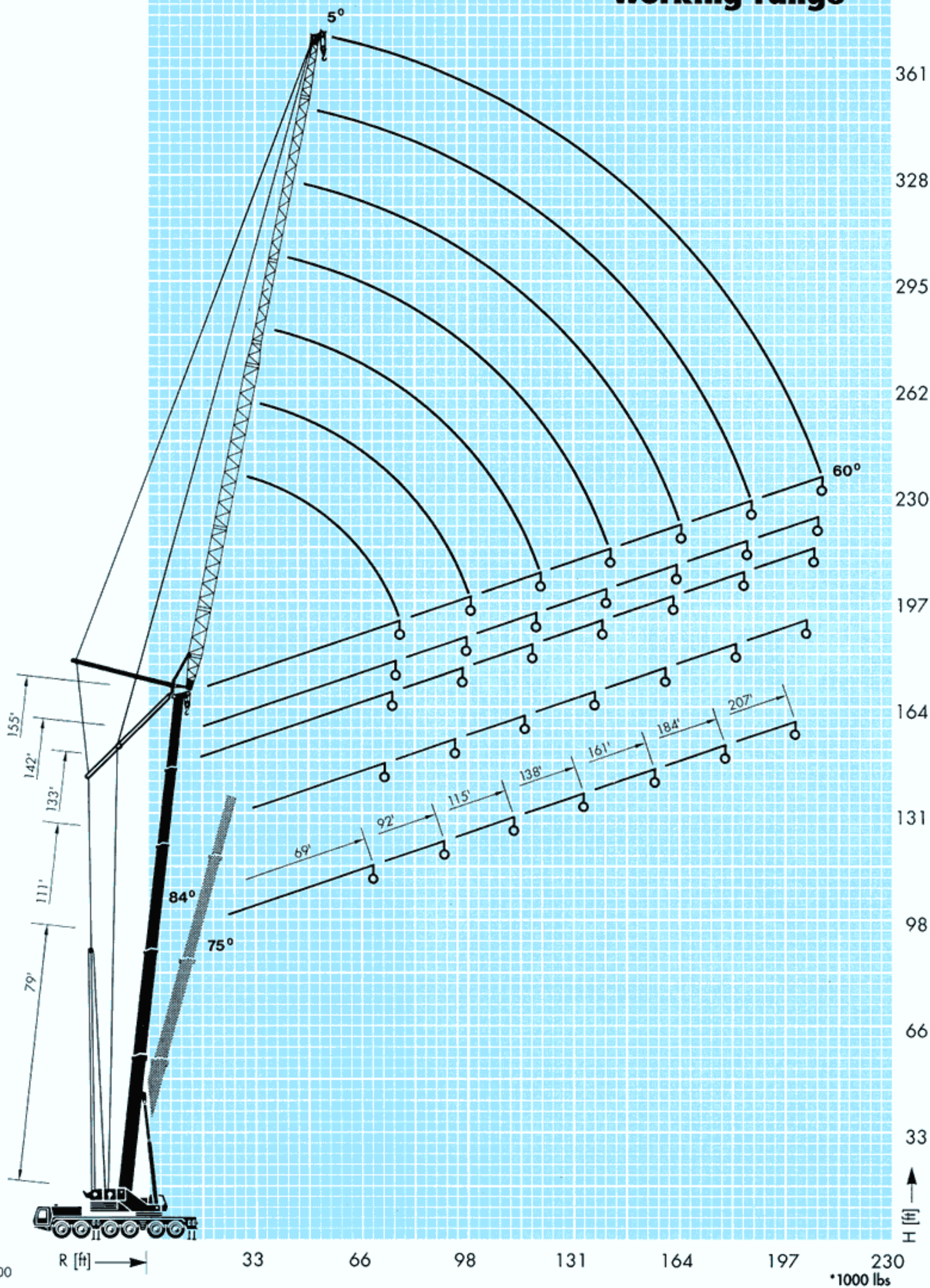
69 - 207 ft



360°

132*

Working range





Main boom + luffing jib

Lifting capacities in 1000 lbs
Main boom at 75°

79 ft



360°

132* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
60		77.5							60
65		73.5	60.6						65
70		68.3	59.9						70
75		63.3	59.1						75
80		58.5	57.4	43.0					80
85		54.3	53.2	43.0	32.0				85
90			49.8	43.0	32.0				90
95			46.9	43.0	31.7				95
100			44.2	42.4	31.3	24.3			100
105			41.2	40.6	31.1	24.3			105
110				38.2	31.1	24.3			110
115				36.1	31.1	24.3	17.6		115
120				34.1	31.1	24.2	17.6	10.1	120
125				32.3	31.1	24.0	17.6	10.1	125
130				30.6	29.8	23.9	17.6	10.1	130
135					28.4	23.7	17.6	10.1	135
140					27.0	23.5	17.6	10.1	140
145					25.6	23.3	17.6	10.1	145
150					24.7	23.0	17.6	10.1	150
155						22.5	17.6	10.1	155
160						21.7	17.6	10.1	160
165						20.6	17.6	10.1	165
170						19.7	17.6	10.1	170
175						18.7	17.5	10.1	175
180							16.9	10.1	180
185							16.1	10.1	185
190							15.5	10.1	190
195							14.8	10.1	195
200								10.1	200
205								10.1	205
210								10.1	210
215								10.1	215
220									220
225									225
% T1		50	50	50	50	50	50	50	T1 %
% T2		50	50	50	50	50	50	50	T2 %
% T3		0	0	0	0	0	0	0	T3 %
% T4		0	0	0	0	0	0	0	T4 %

111 ft



360°

132* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
65		51.8							65
70		48.9							70
75		46.5							75
80		44.5	41.9						80
85		41.6	40.2						85
90		39.6	38.4						90
95			36.4	31.7					95
100			35.0	31.6	23.8				100
105			33.5	31.1	23.8				105
110			31.8	30.1	23.5				110
115			30.3	29.0	23.4	18.1			115
120				27.8	23.4	17.8	13.9		120
125				26.6	23.4	17.2	13.9		125
130				25.6	23.4	16.8	13.9		130
135				14.6	23.4	16.7	13.5	9.0	135
140					23.2	16.7	12.9	9.0	140
145					22.6	16.7	12.1	9.0	145
150					21.4	16.7	11.9	9.0	150
155					20.3	16.7	11.9	9.0	155
160					19.4	16.7	11.9	9.0	160
165					18.7	16.7	11.9	9.0	165
170						16.7	11.7	9.0	170
175						16.0	11.7	9.0	175
180						15.3	11.7	9.0	180
185							11.7	9.0	185
190							11.7	9.0	190
195							11.7	9.0	195
200							11.5	9.0	200
205							11.0	9.0	205
210							10.4	9.0	210
215								9.0	215
220								8.7	220
225								8.2	225
230								7.7	230
% T1		100	100	100	100	100	100	100	T1 %
% T2		100	100	100	100	100	100	100	T2 %
% T3		0	0	0	0	0	0	0	T3 %
% T4		0	0	0	0	0	0	0	T4 %

133 ft



360°

132* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
80		35.5							80
85		33.6	28.4						85
90		32.1	28.4						90
95		30.5	28.1						95
100			27.4	21.2					100
105			26.0	21.2	15.9				105
110			24.5	21.2	15.9				110
115			23.5	21.2	15.9				115
120			22.7	20.8	15.9	11.5			120
125			22.3	20.5	15.9	11.5			125
130				19.4	15.9	11.5			130
135				18.7	15.9	11.5	8.8		135
140				18.0	15.9	11.5	8.8	7.1	140
145				17.4	15.9	11.5	8.8	7.1	145
150					15.9	11.5	8.8	7.1	150
155					15.9	11.5	8.8	7.1	155
160					15.9	11.1	8.8	7.1	160
165					15.7	11.1	8.8	7.1	165
170					15.4	11.1	8.8	7.1	170
175						11.1	8.8	7.1	175
180						11.1	8.8	7.1	180
185						11.1	8.8	7.1	185
190						11.1	8.8	7.1	190
195							8.8	7.1	195
200							8.8	7.1	200
205							8.8	7.1	205
210							8.8	7.1	210
215								7.1	215
220								7.1	220
225								7.1	225
230								6.6	230
235								6.0	235
240									240
% T1		100	100	100	100	100	100	100	T1 %
% T2		100	100	100	100	100	100	100	T2 %
% T3		70	70	70	70	70	70	70	T3 %
% T4		0	0	0	0	0	0	0	T4 %

142 ft



360°

132* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
80									80
85		30.0							85
90		28.7							90
95		27.4	24.0						95
100		26.0	24.0						100
105		24.7	23.8	17.9					105
110			22.8	17.9					110
115			21.4	17.9	13.2				115
120			20.2	17.9	13.2				120
125			20.0	17.9	13.2	9.5			125
130				17.4	13.2	9.5			130
135				16.9	13.2	9.5			135
140				16.1	13.2	9.5	6.2		140
145				15.6	13.2	9.5	6.2	3.7	145
150				14.8	13.2	9.5	6.2	3.7	150
155					13.2	9.5	6.2	3.7	155
160					13.2	9.5	6.2	3.7	160
165					13.2	9.5	6.2	3.7	165
170					13.2	9.5	6.2	3.7	170
175						9.5	6.2	3.7	175
180						9.5	6.2	3.7	180
185						9.5	6.2	3.7	185
190						9.5	6.2	3.7	190
195						9.5	6.2	3.7	195
200							6.2	3.7	200
205							6.2	3.7	205
210							6.2	3.7	210
215								3.7	215
220								3.7	220
225								3.7	225
230								3.7	230
235									235
240									240
% T1		100	100	100	100	100	100	100	T1 %
% T2		100	100	100	100	100	100	100	T2 %
% T3		100	100	100	100	100	100	100	T3 %
% T4		0	0	0	0	0	0	0	T4 %



Main boom + luffing jib

Lifting capacities in 1000 lbs
Main boom at 84°



79 ft



360°

57.3* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
35		87.8							35
40		86.9	66.0						40
45		85.2	65.2	49.6					45
50		82.1	64.4	49.6					50
55		76.3	63.5	49.2	36.3				55
60		68.2	62.4	48.5	36.1	27.6			60
65		61.5	59.8	48.5	36.0	27.6	19.8		65
70			55.1	48.5	35.9	27.6	19.8		70
75			50.5	47.6	35.8	27.6	19.8	11.5	75
80			46.3	45.5	35.7	27.6	19.8	11.5	80
85			42.1	42.1	35.7	27.6	19.8	11.5	85
90				38.9	35.7	27.6	19.8	11.5	90
95				36.1	34.7	27.6	19.8	11.5	95
100				33.7	32.8	27.6	19.8	11.5	100
105				31.3	30.6	27.6	19.8	11.5	105
110					28.6	27.4	19.8	11.5	110
115					26.8	26.1	19.8	11.5	115
120					25.2	24.6	19.8	11.5	120
125					23.5	23.1	19.8	11.5	125
130					21.8	21.7	19.8	11.5	130
135						20.5	19.3	11.5	135
140						19.3	18.4	11.5	140
145						18.1	17.3	11.5	145
150						17.0	16.3	11.5	150
155							15.3	11.5	155
160							14.4	11.5	160
165							13.5	11.5	165
170							12.9	11.5	170
175								11.1	175
180								10.6	180
185								10.0	185
190								9.5	190
% T1		50	50	50	50	50	50	50	T1
% T2		50	50	50	50	50	50	50	T2
% T3		0	0	0	0	0	0	0	T3
% T4		0	0	0	0	0	0	0	T4



111 ft



360°

57.3* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
35									35
40		58.4							40
45		58.4	42.3						45
50		58.4	42.3						50
55		58.4	42.3	32.0					55
60		58.1	42.3	32.0	24.3				60
65		56.4	42.3	32.0	24.3	18.7			65
70		51.8	42.3	32.0	24.3	18.7			70
75			42.3	32.0	24.3	18.7	14.3		75
80			41.7	32.0	24.3	18.7	14.3	8.8	80
85			39.4	32.0	24.3	18.7	14.3	8.8	85
90			36.6	32.0	24.3	18.7	14.3	8.8	90
95				31.8	24.3	18.7	14.3	8.8	95
100				30.8	24.3	18.7	14.3	8.8	100
105				28.7	24.3	18.7	14.3	8.8	105
110				26.8	24.3	18.7	14.3	8.8	110
115					23.9	18.7	14.3	8.8	115
120					23.0	18.7	14.3	8.8	120
125					21.5	18.7	14.3	8.8	125
130					20.4	18.7	14.3	8.8	130
135						18.7	14.3	8.8	135
140						17.2	14.3	8.8	140
145						16.2	14.3	8.8	145
150						15.2	14.3	8.8	150
155						14.3	13.5	8.8	155
160							12.7	8.8	160
165							12.0	8.8	165
170							11.1	8.8	170
175							10.4	8.8	175
180								8.7	180
185								8.5	185
190								8.0	190
195								7.5	195
% T1		100	100	100	100	100	100	100	T1
% T2		100	100	100	100	100	100	100	T2
% T3		0	0	0	0	0	0	0	T3
% T4		0	0	0	0	0	0	0	T4



133 ft



360°

57.3* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
40		38.1							40
45		38.1	28.4						45
50		38.1	28.4						50
55		38.1	28.4	21.4					55
60		38.1	28.4	21.4	16.1				60
65		38.1	28.4	21.4	16.1	13.2			65
70		38.1	28.4	21.4	16.1	13.2			70
75			28.4	21.4	16.1	13.2	9.5		75
80			28.4	21.4	16.1	13.2	9.5	6.6	80
85			28.4	21.4	16.1	13.2	9.5	6.6	85
90			28.4	21.4	16.1	13.2	9.5	6.6	90
95				21.4	16.1	13.2	9.5	6.6	95
100				21.4	16.1	13.2	9.5	6.6	100
105				21.4	16.1	13.2	9.5	6.6	105
110				21.4	16.1	13.2	9.5	6.6	110
115					16.1	13.2	9.5	6.6	115
120					16.1	13.2	9.5	6.6	120
125					16.1	13.2	9.5	6.6	125
130					16.1	13.2	9.5	6.6	130
135					16.1	13.2	9.5	6.6	135
140						13.2	9.5	6.6	140
145						13.2	9.5	6.6	145
150						13.2	9.5	6.6	150
155						13.2	9.5	6.6	155
160							9.5	6.6	160
165							9.5	6.6	165
170							9.5	6.6	170
175							9.3	6.6	175
180								6.6	180
185								6.6	185
190								6.6	190
195								6.4	195
% T1		100	100	100	100	100	100	100	T1
% T2		100	100	100	100	100	100	100	T2
% T3		70	70	70	70	70	70	70	T3
% T4		0	0	0	0	0	0	0	T4



142 ft



360°

57.3* lbs

Radius		Fly jib length						Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft
40									40
45		32.0							45
50		32.0							50
55		32.0	24.0						55
60		32.0	24.0	18.1					60
65		32.0	24.0	18.1	13.4				65
70		32.0	24.0	18.1	13.4				70
75		32.0	24.0	18.1	13.4	11.0			75
80			24.0	18.1	13.4	11.0	6.2		80
85			24.0	18.1	13.4	11.0	6.2	4.0	85
90			24.0	18.1	13.4	11.0	6.2	4.0	90
95			24.0	18.1	13.4	11.0	6.2	4.0	95
100				18.1	13.4	11.0	6.2	4.0	100
105				18.1	13.4	11.0	6.2	4.0	105
110				18.1	13.4	11.0	6.2	4.0	110
115				18.1	13.4	11.0	6.2	4.0	115
120					13.4	11.0	6.2	4.0	120
125					13.4	11.0	6.2	4.0	125
130					13.4	11.0	6.2	4.0	130
135					13.4	11.0	6.2	4.0	135
140					13.4	11.0	6.2	4.0	140
145					13.4	11.0	6.2	4.0	145
150						11.0	6.2	4.0	150
155						11.0	6.2	4.0	155
160						11.0	6.2	4.0	160
165						11.0	6.2	4.0	165
170							6.2	4.0	170
175							6.2	4.0	175
180							6.2	4.0	180
185								4.0	185
190								4.0	190
195								4.0	195
200								4.0	200
% T1		100	100	100	100	100	100	100	T1
% T2		100	100	100	100	100	100	100	T2
% T3		100	100	100	100	100	100	100	T3
% T4		0	0	0	0	0	0	0	T4

Main boom + luffing jib

Lifting capacities in 1000 lbs
Main boom at 84°



155 ft



360°

57.3* lbs

Radius		Fly jib length							Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft	
45		24.2							45	
50		24.2							50	
55		24.2	17.8						55	
60		24.2	17.8	13.0					60	
65		24.2	17.8	13.0	9.5				65	
70		24.2	17.8	13.0	9.5				70	
75		24.2	17.8	13.0	9.5	7.5			75	
80			17.8	13.0	9.5	7.5	5.1		80	
85			17.8	13.0	9.5	7.5	5.1	2.2	85	
90			17.8	13.0	9.5	7.5	5.1	2.2	90	
95			17.8	13.0	9.5	7.5	5.1	2.2	95	
100				13.0	9.5	7.5	5.1	2.2	100	
105				13.0	9.5	7.5	5.1	2.2	105	
110				13.0	9.5	7.5	5.1	2.2	110	
115				13.0	9.5	7.5	5.1	2.2	115	
120					9.5	7.5	5.1	2.2	120	
125					9.5	7.5	5.1	2.2	125	
130					9.5	7.5	5.1	2.2	130	
135					9.5	7.5	5.1	2.2	135	
140					9.5	7.5	5.1	2.2	140	
145					9.5	7.5	5.1	2.2	145	
150						7.5	5.1	2.2	150	
155						7.5	5.1	2.2	155	
160						7.5	5.1	2.2	160	
165						7.5	5.1	2.2	165	
170							5.1	2.2	170	
175							5.1	2.2	175	
180							5.1	2.2	180	
185								2.2	185	
190								2.2	190	
195								2.2	195	
200								2.2	200	
%	T1	100	100	100	100	100	100	100	T1	%
	T2	100	100	100	100	100	100	100	T2	
	T3	70	70	70	70	70	70	70	T3	
	T4	70	70	70	70	70	70	70	T4	

*1000 lbs

Notes for lifting capacities

Rated loads do not exceed 85% of tipping load with the machine properly levelled on firm ground.

360° duties – on outriggers fully extended.

Note counterweight required as listed in relevant lifting capacity columns.

For safe crane operation due allowance must be made to compensate for high winds, side load, pendulum action and other hazardous conditions. No side pull permitted.

Hook blocks, sling and/or boom attachments are considered part of load, and their weight must be deducted from the rated lifting capacity to determine the net load.
Boom must be extended in accordance with sequence as noted on lifting capacity chart.

Consult crane manual to determine weight reduction for load handling devices and boom attachments.
Operate crane strictly in compliance with operator's manual.

Main boom + luffing jib

Lifting capacities in 1000 lbs
Main boom at 75°



155 ft



360°

132* lbs

Radius		Fly jib length							Radius	
ft		69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	ft	
80									80	
85		24.7							85	
90		24.7							90	
95		24.4							95	
100		23.7	17.9						100	
105		22.7	17.9						105	
110			17.9						110	
115			17.9	13.0					115	
120			17.8	13.0	9.5				120	
125			17.6	13.0	9.5				125	
130				13.0	9.5	7.5			130	
135				13.0	9.5	7.5			135	
140				13.0	9.5	7.5			140	
145				13.0	9.5	7.5	4.9		145	
150				12.8	9.5	7.5	4.9	2.9	150	
155					9.5	7.5	4.9	2.9	155	
160					9.5	7.5	4.9	2.9	160	
165					9.5	7.5	4.9	2.9	165	
170					9.5	7.5	4.9	2.9	170	
175					9.5	7.5	4.9	2.9	175	
180						7.5	4.9	2.9	180	
185						7.5	4.9	2.9	185	
190						7.5	4.9	2.9	190	
195						7.5	4.9	2.9	195	
200							4.9	2.9	200	
205							4.9	2.9	205	
210							4.9	2.9	210	
215								2.9	215	
220								2.9	220	
225								2.9	225	
230								2.9	230	
235									235	
240									240	
%	T1	100	100	100	100	100	100	100	T1	%
	T2	100	100	100	100	100	100	100	T2	
	T3	70	70	70	70	70	70	70	T3	
	T4	70	70	70	70	70	70	70	T4	

*1000 lbs

Notes for lifting capacities

- Rated loads do not exceed 85% of tipping load with the machine properly levelled on firm ground.
- 360° duties – on outriggers fully extended.
- Note counterweight required as listed in relevant lifting capacity columns.
- For safe crane operation due allowance must be made to compensate for high winds, side load, pendulum action and other hazardous conditions. No side pull permitted.

- Hook blocks, sling and/or boom attachments are considered part of load, and their weight must be deducted from the rated lifting capacity to determine the net load.
- Boom must be extended in accordance with sequence as noted on lifting capacity chart.
- Consult crane manual to determine weight reduction for load handling devices and boom attachments.
- Operate crane strictly in compliance with operator's manual.

Weights / Working speeds



Axle	1	2	3	4	5	6	Total weight
1000 lbs	26,5	26,5	26,5	26,5	26,5	26,5	159,0



Lifting capacity	Sheaves	Parts of line	Weight lbs
150	7	2 – 15	5730
110	5	2 – 11	3300
70	3	1 – 7	2200
30	1	1 – 3	1320



Gear	1	2	3	4	5	R	Gradeability max.
On-Road (mph)	8	13	21	30	42	9	
Off-Road (mph)	4,5	7,5	12	17,5	24,5	5	47%
Tires	14.00 R 25						



Drives	infinitely variable	Rope diameter / Rope length	Max. single line pull
Main hoist	0 – 426 ft / min single line	24 mm (1") 1000 ft	21,600 lbs
Auxiliary hoist	0 – 426 ft / min single line	24 mm (1") 1100 ft	21,600 lbs
Slewing gear	0 – 1,6 min ⁻¹		
Boom elevation	approx. 78 s from – 1,2° + 85° boom angle		
Telescoping	approx. 165 s from 49 to 143 ft 340 s from 49 to 174 ft boom length		



Telescopic boom



On outriggers



Working range



Axle load



Hook blocks and hook



Crane movements



Speed



Boom extension

Carrier

Chassis:	Special KRUPP 6-axle carrier, all-welded torsion-resistant box-type construction in high strength steel.
Outriggers:	4 double hydraulically telescoping beams with vertical cylinders and outrigger pads. Independent horizontal and vertical movement control on each side of the chassis.
Engine:	Mercedes-Benz OM 444 A diesel, 12 cylinders, water-cooled, 406 kW (552 HP) at 2100 min ⁻¹ (DIN 6271 IFN). Max. torque: 2400 Nm at 1000 – 1500 min ⁻¹ . Tank capacity: approx. 125 gal.
Transmission:	Allison 5-gear-automatic powershift.
Transfer case:	Transfer case with 2 speeds and longitudinal differential lock.
Axle lines:	6 axle lines; 1st, 2nd, 3rd, 5th and 6th steering axle lines; 1st, 2nd, 4th and 5th driven axle line.
Suspension:	All axle lines with hydropneumatic suspension and axle lock-out. Level regulation. Suspension range: + 6 ½" / – 5". Possible combinations for transverse slope.
Tires:	12 tires 14.00 R 25.
Steering:	ZF dual-circuit hydraulic power assisted steering.
Brakes:	Service brake: pneumatic dual-circuit, acting on all wheels, air dryer. Permanent brake: hydraulic retarder integrated with Allison automatic transmission, exhaust brake. Hand brake: pneumatically operated springloaded brake acting on 2nd, 4th, 5th and 6th axle line.
Driver's cab:	Aluminium , 2-man-design, safety glass, driver's seat with hydraulic suspension, engine hot-water heating. Complete instrumentation and driving controls.
Electrical system:	Three-phase generator 28 V/55 A, 2 batteries 12 V/170 Ah, lighting system and signals.

Superstructure

Frame:	KRUPP-made, torsion-resistant welded construction in high strength steel.
Engine:	Mercedes-Benz OM 447 A diesel, 6 cylinders, water-cooled, 213 kW (290 HP) at 1800 min ⁻¹ (DIN 6271 IFN). Max. torque: 1270 Nm at 1000 – 1600 min ⁻¹ . Tank capacity: 75 gal.
Hydraulic system:	4 separate circuits, 3 axial piston variable displacement pumps in open circuit with electronic engine speed related pump control and 1 axial piston variable displacement pump in closed circuit. Tank capacity: 500 gal hydraulic oil.
Control system:	Infinite variation of all crane movements by electrically, controlled hydraulic pilot circuit and control levers with automatic reset to zero.
Main hoist:	Axial-piston variable displacement motor with planetary gear and automatic brake.
Boom elevation:	1 cylinder with safety check valve, boom angle from – 1,2° to +84°.
Swing:	2 axial piston fixed displacement motors, planetary gear, holding brake and service brake.
Cab:	Aluminium , full vision, safety glass, adjustable operator's seat with hydraulic suspension, engine hot-water-heating. Armrest integrated crane controls. Ergonomically arranged instrumentation and crane operating controls.
Safety installations:	Hoist and lowering limit switch, pipe burst safety valves, pressure relief valves.
Telescopic boom:	Welded construction in high strength steel, 1 base section, 4 telescopic sections. Total boom length: 174 ft, all-hydraulic extension under partial load.
Electrical system:	Three-phase generator 28 V/55 A, 2 batteries 12 V/143 Ah.

Additional equipment

Tires:	12 tires, 16.00 R 25. / 20.5 R 25
Boom extension:	Lattice design, 33 – 171 ft, in section of 23 ft.
Luffing jib:	Lattice design, 69 – 207 ft, in section of 23 ft.
Aux. hoist:	2nd hoisting gear.
Safe load indicator:	Electronic load moment safety device (type EKS 83) with automatic cut-out and digital display for actual and admissible load, radius and various working conditions.
Driver's cab:	Engine-independent heater, also to be used as engine preheater.

Further equipment upon request.

Subject to change without notice.



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