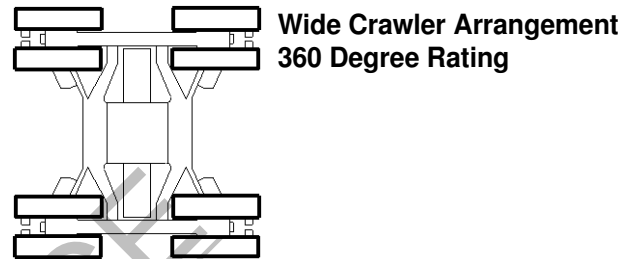
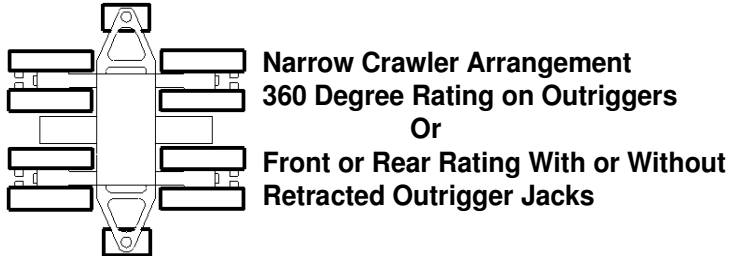
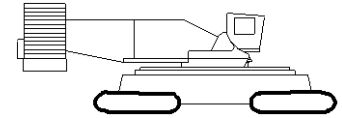


Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). **360 degree operation requires set outrigger jacks for narrow crawler arrangement.**

Narrow Crawler Arrangement: Narrow crawler arrangement (9,1m) requires outriggers with jacks set for 360 degree operation (no travel). Refer to operators manual for jacking instructions. Operation restricted to limited swing over front or rear with outrigger jacks retracted or outriggers removed. Refer to Operating Range Diagram chart No. 8141-A.

Upper boom point capacity for liftcrane service with single part whip line is 22 140 kg or 44 270 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Wide Crawler Arrangement: Wide crawler arrangement (14,5m) travel allowed with 360 degree rating.

Minimum boom operating angle is 36 degrees when drum 2 lead line is reeved over upper sheave in boom top wire rope guide.

Operating Radius: Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom point sheaves is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

Boom Angle: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

OPERATING CONDITIONS

General: Machine to operate on a firm uniformly supporting surface with gantry and mast up, and list not to exceed degrees noted. Refer to boom rigging No. 192590 and Wire Rope Specification chart No. 8139-B Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

Boom Point Elevation: Boom point elevation is vertical distance from barge deck to centerline of boom point shaft

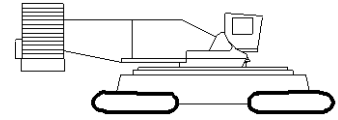
MACHINE EQUIPMENT: Machine equipped with **four swing drives**, lowerworks carbody beams, outriggers, eight 4 978 mm crawlers, 1 219 mm treads, 30,5m mast, 8 534 mm retractable gantry, 20 part boom hoist reeving, boom support straps, 240 720 kg. crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights.



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Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



Warning: Front carbody platform must be removed when raising or lowering boom.

WITH OR WITHOUT BOOM CATWALKS		
Maximum Boom Length Lifted Unassisted		
List	Over End of Blocked Crawlers	Over End of Unblocked Crawlers
	Boom Length	Boom Length
0 Degree	121,9m	115,8m
1 Degree	115,8m	115,8m
2 Degree	115,8m	115,8m
3 Degree	109,7m	109,7m

Load block, hook and weight ball on barge deck at start.

Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

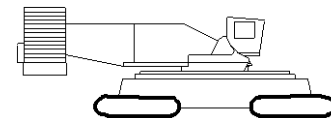
Machine may tip over side with outrigger jacks retracted or removed. Refer to wind folio for restrictions.

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
54,9m (180 Ft.) Boom							
9,8	82,7	57,5	544 300 *				9,8
10,0	82,4	57,4	533 200 *				10,0
11,0	81,3	57,3	487 100 *	442 100 *			11,0
12,0	80,3	57,1	446 400 *	407 800 *	374 200 *		12,0
14,0	78,1	56,7	381 600 *	352 400 *	326 200 *	303 100 *	14,0
16,0	76,0	56,2	332 300 *	309 100 *	287 600 *	267 100 *	16,0
18,0	73,8	55,6	292 400 *	273 000 *	254 600 *	238 200 *	18,0
20,0	71,6	54,9	258 900 *	243 000 *	228 000 *	214 400 *	20,0
22,0	69,4	54,2	231 600 *	218 500 *	206 000 *	194 500 *	22,0
24,0	67,1	53,3	209 000 *	198 000 *	187 400 *	177 600 *	24,0
26,0	64,8	52,4	190 000 *	180 700 *	171 500 *	163 100 *	26,0
28,0	62,5	51,4	173 600 *	165 700 *	157 800 *	150 400 *	28,0
30,0	60,0	50,2	159 600 *	152 700 *	145 800 *	139 400 *	30,0
32,0	57,6	49,0	147 300 *	141 400 *	135 300 *	129 600 *	32,0
34,0	55,0	47,6	136 500 *	131 300 *	125 900 *	120 900 *	34,0
36,0	52,4	46,0	126 900 *	122 300 *	117 600 *	113 100 *	36,0
38,0	49,7	44,4	118 400 *	114 300 *	110 000 *	106 000 *	38,0
40,0	46,8	42,5	110 600 *	107 000 *	103 200 *	99 600 *	40,0
42,0	43,8	40,5	103 500 *	100 500 *	97 000 *	93 800 *	42,0
44,0	40,7	38,2	96 500 *	94 200 *	91 400 *	88 500 *	44,0
46,0	37,3	35,6	90 000 *	88 000 *	86 200 *	83 700 *	46,0
48,0	33,6	32,7	84 000 *	82 300 *	80 700 *	79 100 *	48,0
50,0	29,5	29,3	78 400 *	77 000 *	75 700 *	74 500 *	50,0

Liftcrane Boom Capacities

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Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



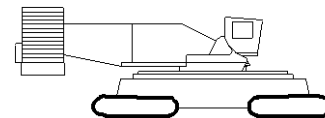
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
61,0m (200 Ft.) Boom							
10,4	82,8	63,5	506 300 *				10,4
11,0	82,2	63,5	484 200 *				11,0
12,0	81,3	63,3	443 500 *	401 600 *			12,0
14,0	79,3	62,9	378 800 *	346 800 *	319 200 *	294 200 *	14,0
16,0	77,4	62,5	329 500 *	304 200 *	281 000 *	259 200 *	16,0
18,0	75,5	62,0	289 900 *	268 600 *	248 800 *	231 200 *	18,0
20,0	73,5	61,4	256 400 *	239 000 *	222 800 *	208 200 *	20,0
22,0	71,5	60,7	229 100 *	214 800 *	201 200 *	188 900 *	22,0
24,0	69,5	60,0	206 500 *	194 500 *	183 000 *	172 400 *	24,0
26,0	67,5	59,1	187 600 *	177 300 *	167 400 *	158 200 *	26,0
28,0	65,4	58,2	171 300 *	162 500 *	153 900 *	145 900 *	28,0
30,0	63,3	57,2	157 200 *	149 600 *	142 100 *	135 100 *	30,0
32,0	61,2	56,1	145 000 *	138 300 *	131 700 *	125 500 *	32,0
34,0	59,0	54,9	134 200 *	128 300 *	122 500 *	116 900 *	34,0
36,0	56,8	53,6	124 600 *	119 500 *	114 200 *	109 200 *	36,0
38,0	54,4	52,2	116 100 *	111 500 *	106 800 *	102 300 *	38,0
40,0	52,1	50,7	108 400 *	104 200 *	100 000 *	96 000 *	40,0
42,0	49,6	49,0	101 200 *	97 700 *	93 900 *	90 300 *	42,0
44,0	47,1	47,1	94 000 *	91 200 *	88 300 *	85 100 *	44,0
46,0	44,4	45,1	87 500 *	85 100 *	82 800 *	80 300 *	46,0
48,0	41,6	42,9	81 600 *	79 400 *	77 400 *	75 500 *	48,0
50,0	38,6	40,4	76 100 *	74 200 *	72 400 *	70 700 *	50,0
52,0	35,4	37,7	71 000 *	69 400 *	67 900 *	66 400 *	52,0
54,0	31,9	34,6	66 300 *	65 000 *	63 600 *	62 300 *	54,0
56,0	28,1	31,0	62 000 *	60 800 *	59 600 *	58 500 *	56,0



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Liftcrane Boom Capacities

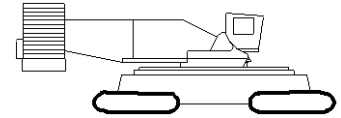
Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
67,1m (220 Ft.) Boom							
11,0	82,9	69,6	468 600 *				11,0
12,0	82,1	69,5	443 000 *				12,0
14,0	80,3	69,1	376 700 *	342 200 *	312 600 *		14,0
16,0	78,6	68,7	327 500 *	300 100 *	275 000 *	252 700 *	16,0
18,0	76,8	68,2	288 000 *	264 800 *	243 700 *	225 200 *	18,0
20,0	75,1	67,7	254 500 *	235 600 *	218 300 *	202 800 *	20,0
22,0	73,3	67,1	227 300 *	211 600 *	197 100 *	183 900 *	22,0
24,0	71,5	66,4	204 700 *	191 600 *	179 200 *	167 900 *	24,0
26,0	69,6	65,7	185 700 *	174 500 *	163 900 *	154 100 *	26,0
28,0	67,8	64,9	169 500 *	159 800 *	150 500 *	142 000 *	28,0
30,0	65,9	64,0	155 400 *	147 100 *	138 900 *	131 400 *	30,0
32,0	64,0	63,0	143 200 *	135 900 *	128 700 *	122 000 *	32,0
34,0	62,1	62,0	132 500 *	125 900 *	119 500 *	113 600 *	34,0
36,0	60,1	60,8	122 900 *	117 100 *	111 400 *	106 000 *	36,0
38,0	58,1	59,6	114 300 *	109 200 *	104 100 *	99 200 *	38,0
40,0	56,1	58,3	106 600 *	102 000 *	97 400 *	93 000 *	40,0
42,0	54,0	56,8	99 200 *	95 400 *	91 400 *	87 400 *	42,0
44,0	51,8	55,3	92 000 *	88 800 *	85 700 *	82 300 *	44,0
46,0	49,6	53,6	85 500 *	82 700 *	80 000 *	77 400 *	46,0
48,0	47,2	51,7	79 600 *	77 100 *	74 600 *	72 300 *	48,0
50,0	44,8	49,8	74 200 *	71 900 *	69 800 *	67 700 *	50,0
52,0	42,3	47,6	69 200 *	67 200 *	65 200 *	63 400 *	52,0
54,0	39,7	45,2	64 500 *	62 700 *	61 000 *	59 400 *	54,0
56,0	36,8	42,6	60 200 *	58 600 *	57 100 *	55 600 *	56,0
58,0	33,8	39,7	56 200 *	54 800 *	53 400 *	52 100 *	58,0
60,0	30,5	36,4	52 300 *	51 200 *	50 000 *	48 900 *	60,0

Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



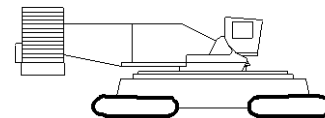
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
73,2m (240 Ft.) Boom							
12,2	82,6	75,6	430 100 *				12,2
14,0	81,1	75,3	374 600 *	337 900 *			14,0
16,0	79,5	74,9	325 200 *	295 800 *	269 600 *		16,0
18,0	77,9	74,5	285 800 *	261 000 *	238 500 *	219 200 *	18,0
20,0	76,3	74,0	252 400 *	232 100 *	213 600 *	197 200 *	20,0
22,0	74,7	73,5	225 100 *	208 300 *	192 700 *	178 800 *	22,0
24,0	73,1	72,9	202 500 *	188 400 *	175 100 *	163 200 *	24,0
26,0	71,4	72,2	183 600 *	171 500 *	160 000 *	149 600 *	26,0
28,0	69,7	71,5	167 300 *	156 900 *	146 900 *	137 800 *	28,0
30,0	68,1	70,7	153 300 *	144 200 *	135 400 *	127 400 *	30,0
32,0	66,4	69,8	141 000 *	133 100 *	125 300 *	118 100 *	32,0
34,0	64,6	68,8	130 200 *	123 200 *	116 300 *	109 900 *	34,0
36,0	62,9	67,8	120 700 *	114 400 *	108 200 *	102 400 *	36,0
38,0	61,1	66,7	112 100 *	106 500 *	100 900 *	95 800 *	38,0
40,0	59,3	65,5	104 300 *	99 400 *	94 400 *	89 700 *	40,0
42,0	57,4	64,3	96 500 *	92 500 *	88 300 *	84 100 *	42,0
44,0	55,5	62,9	89 400 *	85 700 *	82 300 *	78 900 *	44,0
46,0	53,6	61,4	82 900 *	79 600 *	76 500 *	73 600 *	46,0
48,0	51,6	59,9	77 000 *	74 000 *	71 200 *	68 600 *	48,0
50,0	49,5	58,2	71 500 *	68 900 *	66 400 *	64 000 *	50,0
52,0	47,4	56,3	66 500 *	64 100 *	61 900 *	59 700 *	52,0
54,0	45,2	54,4	61 900 *	59 700 *	57 700 *	55 700 *	54,0
56,0	42,9	52,2	57 500 *	55 600 *	53 800 *	52 000 *	56,0
58,0	40,5	50,0	53 500 *	51 800 *	50 100 *	48 600 *	58,0
60,0	38,0	47,4	49 800 *	48 200 *	46 700 *	45 300 *	60,0
62,0	35,3	44,7	46 200 *	44 900 *	43 500 *	42 300 *	62,0
64,0	32,5	41,6	42 900 *	41 700 *	40 500 *	39 400 *	64,0
66,0	29,3	38,1	39 800 *	38 700 *	37 700 *	36 700 *	66,0



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Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

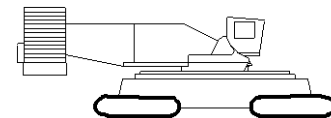


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
79,2m (260 Ft.) Boom							
13,7	82,0	81,5	381 100 *	340 000 *			13,7
14,0	81,8	81,5	373 600 *	333 900 *			14,0
16,0	80,4	81,2	323 700 *	292 300 *	264 500 *		16,0
18,0	78,9	80,8	284 400 *	257 900 *	234 100 *	213 900 *	18,0
20,0	77,4	80,3	251 000 *	229 200 *	209 600 *	192 500 *	20,0
22,0	75,9	79,8	223 700 *	205 600 *	189 200 *	174 600 *	22,0
24,0	74,4	79,3	201 100 *	185 900 *	171 800 *	159 300 *	24,0
26,0	72,9	78,6	182 100 *	169 100 *	157 000 *	146 000 *	26,0
28,0	71,4	78,0	165 900 *	154 700 *	144 100 *	134 400 *	28,0
30,0	69,8	77,2	151 800 *	142 000 *	132 700 *	124 200 *	30,0
32,0	68,3	76,4	139 600 *	131 000 *	122 700 *	115 100 *	32,0
34,0	66,7	75,6	128 800 *	121 200 *	113 800 *	107 000 *	34,0
36,0	65,1	74,7	119 200 *	112 500 *	105 800 *	99 700 *	36,0
38,0	63,5	73,7	110 700 *	104 600 *	98 600 *	93 100 *	38,0
40,0	61,9	72,6	102 800 *	97 400 *	92 100 *	87 100 *	40,0
42,0	60,2	71,5	94 900 *	90 300 *	86 000 *	81 600 *	42,0
44,0	58,5	70,2	87 700 *	83 700 *	79 800 *	76 200 *	44,0
46,0	56,8	68,9	81 300 *	77 600 *	74 100 *	70 900 *	46,0
48,0	55,0	67,5	75 300 *	72 000 *	68 900 *	65 900 *	48,0
50,0	53,2	66,1	69 900 *	66 900 *	64 000 *	61 400 *	50,0
52,0	51,4	64,5	64 900 *	62 100 *	59 600 *	57 100 *	52,0
54,0	49,5	62,8	60 200 *	57 700 *	55 400 *	53 200 *	54,0
56,0	47,5	61,0	55 900 *	53 600 *	51 600 *	49 500 *	56,0
58,0	45,5	59,0	51 900 *	49 900 *	47 900 *	46 100 *	58,0
60,0	43,4	56,9	48 100 *	46 300 *	44 600 *	42 900 *	60,0
62,0	41,2	54,7	44 600 *	43 000 *	41 400 *	39 900 *	62,0
64,0	38,9	52,2	41 300 *	39 800 *	38 400 *	37 000 *	64,0
66,0	36,5	49,6	38 200 *	36 900 *	35 600 *	34 300 *	66,0
68,0	34,0	46,7	35 300 *	34 100 *	32 900 *	31 800 *	68,0
70,0	31,3	43,5	32 500 *	31 400 *	30 400 *	29 400 *	70,0
72,0	28,3	39,8	29 900 *	28 900 *	28 000 *	27 200 *	72,0

Liftcrane Boom Capacities

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Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



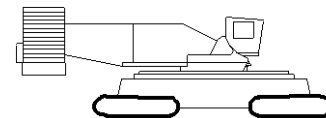
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
85,3m (280 Ft.) Boom							
13,7	82,6	87,7	378 800 *				13,7
14,0	82,4	87,7	371 300 *				14,0
16,0	81,1	87,3	321 400 *	288 600 *			16,0
18,0	79,7	87,0	282 300 *	254 000 *	229 300 *		18,0
20,0	78,3	86,6	248 900 *	225 600 *	205 000 *	187 100 *	20,0
22,0	76,9	86,1	221 600 *	202 300 *	184 900 *	169 600 *	22,0
24,0	75,6	85,6	199 000 *	182 700 *	167 800 *	154 700 *	24,0
26,0	74,2	85,0	179 900 *	166 000 *	153 200 *	141 700 *	26,0
28,0	72,8	84,4	163 700 *	151 600 *	140 500 *	130 300 *	28,0
30,0	71,3	83,7	149 600 *	139 100 *	129 300 *	120 300 *	30,0
32,0	69,9	83,0	137 400 *	128 200 *	119 400 *	111 400 *	32,0
34,0	68,5	82,2	126 600 *	118 400 *	110 600 *	103 400 *	34,0
36,0	67,0	81,4	117 000 *	109 700 *	102 700 *	96 200 *	36,0
38,0	65,5	80,4	108 400 *	101 900 *	95 500 *	89 700 *	38,0
40,0	64,0	79,5	100 000 *	94 400 *	89 000 *	83 700 *	40,0
42,0	62,5	78,4	92 100 *	87 100 *	82 500 *	78 100 *	42,0
44,0	61,0	77,3	85 000 *	80 500 *	76 300 *	72 400 *	44,0
46,0	59,4	76,2	78 500 *	74 400 *	70 600 *	67 000 *	46,0
48,0	57,9	74,9	72 500 *	68 800 *	65 400 *	62 200 *	48,0
50,0	56,2	73,6	67 100 *	63 800 *	60 600 *	57 700 *	50,0
52,0	54,6	72,2	62 100 *	59 000 *	56 200 *	53 500 *	52,0
54,0	52,9	70,7	57 400 *	54 600 *	52 100 *	49 600 *	54,0
56,0	51,2	69,1	53 100 *	50 600 *	48 200 *	45 900 *	56,0
58,0	49,4	67,4	49 100 *	46 800 *	44 600 *	42 500 *	58,0
60,0	47,6	65,6	45 300 *	43 200 *	41 300 *	39 400 *	60,0
62,0	45,8	63,6	41 800 *	39 900 *	38 100 *	36 400 *	62,0
64,0	43,8	61,6	38 500 *	36 800 *	35 100 *	33 500 *	64,0
66,0	41,8	59,3	35 400 *	33 800 *	32 300 *	30 900 *	66,0
68,0	39,7	57,0	32 500 *	31 100 *	29 700 *	28 400 *	68,0
70,0	37,6	54,4	29 800 *	28 400 *	27 200 *	26 000 *	70,0
72,0	35,3	51,6	27 100 *	25 900 *	24 800 *	23 700 *	72,0
74,0	32,8	48,6	24 700 *	23 600 *	22 600 *	21 600 *	74,0
76,0	30,2	45,2	22 300 *	21 300 *	20 400 *	19 600 *	76,0



21000

Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives

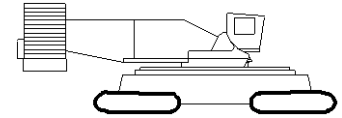


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
91,4m (300 Ft.) Boom							
15,2	82,1	93,6	337 600 *				15,2
16,0	81,7	93,5	321 200 *				16,0
18,0	80,4	93,2	281 300 *	251 600 *			18,0
20,0	79,1	92,8	248 000 *	223 300 *	201 700 *	183 100 *	20,0
22,0	77,8	92,4	220 600 *	200 100 *	181 900 *	165 900 *	22,0
24,0	76,5	91,9	198 000 *	180 700 *	165 100 *	151 300 *	24,0
26,0	75,2	91,4	178 900 *	164 200 *	150 700 *	138 600 *	26,0
28,0	73,9	90,8	162 700 *	149 900 *	138 100 *	127 500 *	28,0
30,0	72,6	90,2	148 600 *	137 500 *	127 100 *	117 600 *	30,0
32,0	71,3	89,5	136 400 *	126 600 *	117 300 *	108 900 *	32,0
34,0	70,0	88,8	125 600 *	116 900 *	108 600 *	101 000 *	34,0
36,0	68,6	88,0	116 000 *	108 200 *	100 800 *	93 900 *	36,0
38,0	67,3	87,1	107 400 *	100 500 *	93 700 *	87 500 *	38,0
40,0	65,9	86,2	98 900 *	92 900 *	87 200 *	81 700 *	40,0
42,0	64,5	85,3	91 000 *	85 600 *	80 600 *	76 000 *	42,0
44,0	63,1	84,3	83 800 *	79 000 *	74 500 *	70 200 *	44,0
46,0	61,7	83,2	77 400 *	72 900 *	68 800 *	65 000 *	46,0
48,0	60,2	82,1	71 400 *	67 400 *	63 600 *	60 100 *	48,0
50,0	58,8	80,9	65 900 *	62 300 *	58 900 *	55 700 *	50,0
52,0	57,3	79,6	60 900 *	57 600 *	54 400 *	51 500 *	52,0
54,0	55,8	78,2	56 200 *	53 200 *	50 300 *	47 700 *	54,0
56,0	54,2	76,8	51 900 *	49 200 *	46 500 *	44 000 *	56,0
58,0	52,7	75,3	47 900 *	45 400 *	43 000 *	40 700 *	58,0
60,0	51,1	73,7	44 200 *	41 800 *	39 600 *	37 500 *	60,0
62,0	49,4	72,0	40 700 *	38 500 *	36 500 *	34 600 *	62,0
64,0	47,7	70,2	37 400 *	35 400 *	33 500 *	31 800 *	64,0
66,0	46,0	68,2	34 300 *	32 500 *	30 700 *	29 100 *	66,0
68,0	44,2	66,2	31 400 *	29 700 *	28 100 *	26 600 *	68,0
70,0	42,3	64,0	28 600 *	27 100 *	25 700 *	24 200 *	70,0
72,0	40,4	61,7	26 100 *	24 600 *	23 300 *	22 000 *	72,0
74,0	38,4	59,2	23 600 *	22 300 *	21 100 *	19 900 *	74,0
76,0	36,3	56,5	21 200 *	20 100 *	18 900 *	17 900 *	76,0
78,0	34,1	53,6	19 000 *				78,0

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



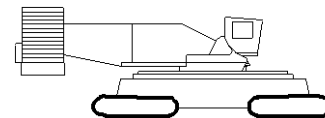
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
97,5m (320 Ft.) Boom							
15,2	82,6	99,8	337 200 *				15,2
16,0	82,2	99,7	320 700 *				16,0
18,0	81,0	99,4	281 000 *	249 700 *			18,0
20,0	79,8	99,0	247 700 *	221 600 *	199 000 *	179 700 *	20,0
22,0	78,6	98,6	220 300 *	198 700 *	179 600 *	163 000 *	22,0
24,0	77,4	98,2	197 700 *	179 500 *	163 100 *	148 700 *	24,0
26,0	76,2	97,7	178 700 *	163 000 *	148 800 *	136 300 *	26,0
28,0	75,0	97,1	162 300 *	148 800 *	136 500 *	125 400 *	28,0
30,0	73,7	96,6	148 300 *	136 500 *	125 600 *	115 700 *	30,0
32,0	72,5	95,9	136 100 *	125 700 *	115 900 *	107 100 *	32,0
34,0	71,3	95,2	125 200 *	116 000 *	107 300 *	99 400 *	34,0
36,0	70,0	94,5	115 700 *	107 400 *	99 600 *	92 400 *	36,0
38,0	68,8	93,7	107 100 *	99 700 *	92 600 *	86 100 *	38,0
40,0	67,5	92,9	98 700 *	92 300 *	86 200 *	80 400 *	40,0
42,0	66,2	92,0	90 800 *	84 900 *	79 600 *	74 700 *	42,0
44,0	64,9	91,1	83 600 *	78 400 *	73 500 *	69 000 *	44,0
46,0	63,6	90,1	77 100 *	72 300 *	67 900 *	63 800 *	46,0
48,0	62,3	89,1	71 200 *	66 800 *	62 800 *	59 000 *	48,0
50,0	60,9	87,9	65 700 *	61 700 *	58 000 *	54 600 *	50,0
52,0	59,6	86,8	60 600 *	57 000 *	53 700 *	50 500 *	52,0
54,0	58,2	85,6	56 000 *	52 700 *	49 600 *	46 700 *	54,0
56,0	56,8	84,2	51 700 *	48 700 *	45 800 *	43 100 *	56,0
58,0	55,4	82,9	47 700 *	44 900 *	42 300 *	39 800 *	58,0
60,0	53,9	81,4	43 900 *	41 300 *	38 900 *	36 600 *	60,0
62,0	52,4	79,9	40 400 *	38 000 *	35 800 *	33 700 *	62,0
64,0	50,9	78,3	37 200 *	35 000 *	32 900 *	30 900 *	64,0
66,0	49,4	76,6	34 100 *	32 000 *	30 100 *	28 300 *	66,0
68,0	47,8	74,8	31 200 *	29 300 *	27 500 *	25 800 *	68,0
70,0	46,2	72,9	28 400 *	26 700 *	25 100 *	23 500 *	70,0
72,0	44,5	70,8	25 800 *	24 200 *	22 700 *	21 300 *	72,0
74,0	42,8	68,7	23 400 *	21 900 *	20 500 *	19 200 *	74,0
76,0	41,0	66,4	21 000 *	19 700 *	18 400 *	17 200 *	76,0
78,0	39,2	64,0	18 800 *				78,0



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Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
 240 720 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 Narrow or Wide Crawler Arrangement
 Crawler Machine On a Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating - Four Swing Drives

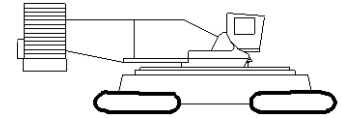


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
103,6m (340 Ft.) Boom							
16,8	82,2	105,7	302 700 *				16,8
18,0	81,5	105,6	280 100 *				18,0
20,0	80,4	105,2	246 500 *	219 000 *	195 500 *		20,0
22,0	79,3	104,8	219 100 *	196 300 *	176 300 *	158 000 *	22,0
24,0	78,2	104,4	196 400 *	177 200 *	160 000 *	145 400 *	24,0
26,0	77,0	103,9	177 400 *	160 900 *	146 000 *	133 000 *	26,0
28,0	75,9	103,4	161 000 *	146 800 *	133 800 *	122 300 *	28,0
30,0	74,7	102,9	147 000 *	134 500 *	123 000 *	112 800 *	30,0
32,0	73,6	102,3	134 700 *	123 700 *	113 500 *	104 300 *	32,0
34,0	72,4	101,7	123 900 *	114 100 *	105 000 *	96 700 *	34,0
36,0	71,3	101,0	114 300 *	105 600 *	97 400 *	89 900 *	36,0
38,0	70,1	100,3	105 700 *	97 900 *	90 500 *	83 600 *	38,0
40,0	68,9	99,5	97 100 *	90 200 *	83 800 *	77 900 *	40,0
42,0	67,7	98,7	89 200 *	82 900 *	77 100 *	71 900 *	42,0
44,0	66,5	97,8	82 000 *	76 300 *	71 100 *	66 300 *	44,0
46,0	65,3	96,9	75 500 *	70 300 *	65 600 *	61 200 *	46,0
48,0	64,0	95,9	69 500 *	64 800 *	60 500 *	56 400 *	48,0
50,0	62,8	94,9	64 000 *	59 700 *	55 800 *	52 000 *	50,0
52,0	61,5	93,8	59 000 *	55 100 *	51 400 *	48 000 *	52,0
54,0	60,3	92,7	54 300 *	50 700 *	47 400 *	44 200 *	54,0
56,0	59,0	91,5	50 000 *	46 700 *	43 600 *	40 700 *	56,0
58,0	57,7	90,2	46 000 *	42 900 *	40 000 *	37 400 *	58,0
60,0	56,3	88,9	42 200 *	39 400 *	36 700 *	34 200 *	60,0
62,0	55,0	87,5	38 700 *	36 100 *	33 700 *	31 300 *	62,0
64,0	53,6	86,0	35 400 *	33 000 *	30 700 *	28 600 *	64,0
66,0	52,2	84,5	32 300 *	30 100 *	28 000 *	26 000 *	66,0
68,0	50,8	82,9	29 400 *	27 300 *	25 400 *	23 500 *	68,0
70,0	49,4	81,2	26 700 *	24 800 *	22 900 *	21 200 *	70,0
72,0	47,9	79,4	24 100 *	22 300 *	20 600 *	19 000 *	72,0
74,0	46,3	77,5	21 600 *	20 000 *	18 400 *		74,0
76,0	44,8	75,5	19 300 *	17 800 *			76,0

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



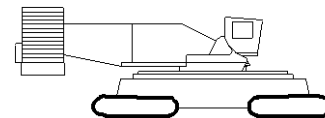
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
109,7m (360 Ft.) Boom							
16,8	82,7	111,9	302 100 *				16,8
18,0	82,0	111,7	279 600 *				18,0
20,0	80,9	111,4	246 000 *	217 200 *	192 800 *		20,0
22,0	79,9	111,0	218 600 *	194 700 *	173 900 *		22,0
24,0	78,8	110,6	195 900 *	175 700 *	157 900 *	138 100 *	24,0
26,0	77,8	110,2	176 900 *	159 500 *	144 000 *	130 600 *	26,0
28,0	76,7	109,7	160 500 *	145 500 *	132 000 *	120 100 *	28,0
30,0	75,6	109,2	146 500 *	133 300 *	121 400 *	110 800 *	30,0
32,0	74,5	108,7	134 200 *	122 600 *	112 000 *	102 400 *	32,0
34,0	73,4	108,1	123 300 *	113 100 *	103 500 *	95 000 *	34,0
36,0	72,3	107,4	113 800 *	104 600 *	96 000 *	88 200 *	36,0
38,0	71,2	106,8	105 200 *	96 900 *	89 100 *	82 100 *	38,0
40,0	70,1	106,0	96 600 *	89 200 *	82 500 *	76 300 *	40,0
42,0	69,0	105,3	88 700 *	82 000 *	75 900 *	70 300 *	42,0
44,0	67,9	104,5	81 500 *	75 400 *	69 900 *	64 800 *	44,0
46,0	66,7	103,6	75 000 *	69 400 *	64 400 *	59 700 *	46,0
48,0	65,6	102,7	69 000 *	64 000 *	59 300 *	55 100 *	48,0
50,0	64,4	101,7	63 500 *	58 900 *	54 700 *	50 700 *	50,0
52,0	63,3	100,7	58 400 *	54 200 *	50 300 *	46 700 *	52,0
54,0	62,1	99,7	53 700 *	49 900 *	46 300 *	43 000 *	54,0
56,0	60,9	98,6	49 400 *	45 900 *	42 600 *	39 500 *	56,0
58,0	59,7	97,4	45 400 *	42 100 *	39 000 *	36 200 *	58,0
60,0	58,5	96,2	41 600 *	38 600 *	35 800 *	33 100 *	60,0
62,0	57,2	94,9	38 100 *	35 300 *	32 700 *	30 200 *	62,0
64,0	56,0	93,6	34 800 *	32 300 *	29 800 *	27 500 *	64,0
66,0	54,7	92,1	31 800 *	29 400 *	27 000 *	24 900 *	66,0
68,0	53,4	90,7	28 800 *	26 600 *	24 500 *	22 400 *	68,0
70,0	52,1	89,1	26 100 *	24 000 *	22 000 *	20 200 *	70,0
72,0	50,7	87,5	23 500 *	21 600 *	19 700 *	18 000 *	72,0
74,0	49,3	85,8	21 100 *	19 300 *	17 500 *		74,0
76,0	47,9	84,0	18 700 *	17 000 *			76,0



21000

Liftcrane Boom Capacities

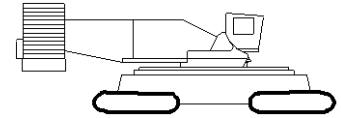
Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms
115,8m (380 Ft.) Boom					
18,3	82,3	117,8	265 600 *		
20,0	81,4	117,6	245 300 *	204 500 *	
22,0	80,4	117,2	217 500 *	189 900 *	154 600 *
24,0	79,4	116,9	194 800 *	174 000 *	151 800 *
26,0	78,4	116,4	175 700 *	157 500 *	141 500 *
28,0	77,4	116,0	159 300 *	143 600 *	129 500 *
30,0	76,4	115,5	145 200 *	131 500 *	119 000 *
32,0	75,4	115,0	133 000 *	120 800 *	109 700 *
34,0	74,3	114,4	122 100 *	111 300 *	101 400 *
36,0	73,3	113,8	112 500 *	102 900 *	93 900 *
38,0	72,3	113,2	104 000 *	95 200 *	87 100 *
40,0	71,2	112,5	95 200 *	87 300 *	80 200 *
42,0	70,2	111,8	87 200 *	80 100 *	73 700 *
44,0	69,1	111,0	80 000 *	73 600 *	67 700 *
46,0	68,0	110,2	73 500 *	67 600 *	62 300 *
48,0	67,0	109,4	67 500 *	62 200 *	57 200 *
50,0	65,9	108,5	62 000 *	57 100 *	52 600 *
52,0	64,8	107,6	56 900 *	52 500 *	48 300 *
54,0	63,7	106,6	52 200 *	48 100 *	44 300 *
56,0	62,6	105,5	47 900 *	44 100 *	40 600 *
58,0	61,4	104,4	43 900 *	40 400 *	37 100 *
60,0	60,3	103,3	40 100 *	36 900 *	33 800 *
62,0	59,1	102,1	36 600 *	33 600 *	30 800 *
64,0	58,0	100,9	33 300 *	30 500 *	27 900 *
66,0	56,8	99,6	30 200 *	27 600 *	25 200 *
68,0	55,6	98,2	27 300 *	24 900 *	22 600 *
70,0	54,4	96,8	24 600 *	22 300 *	20 200 *
72,0	53,2	95,3	22 000 *	19 900 *	
74,0	51,9	93,7	19 500 *	17 600 *	
76,0	50,6	92,1	17 200 *		

Liftcrane Boom Capacities

Boom No. 80-81 with 30,5m Mast No. 81
240 720 kg Crane Counterweight
90 720 kg Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
121,9m (400 Ft.) Boom			
18,3	82,7	124,0	228 900 *
20,0	81,9	123,7	213 500 *
22,0	80,9	123,4	210 100 *
24,0	80,0	123,1	195 400 *
26,0	79,0	122,7	175 000 *
28,0	78,0	122,3	158 700 *
30,0	77,1	121,8	144 600 *
32,0	76,1	121,3	132 300 *
34,0	75,1	120,8	121 500 *
36,0	74,2	120,2	111 800 *
38,0	73,2	119,6	103 200 *
40,0	72,2	119,0	94 400 *
42,0	71,2	118,3	86 500 *
44,0	70,2	117,6	79 300 *
46,0	69,2	116,8	72 700 *
48,0	68,2	116,0	66 700 *
50,0	67,2	115,2	61 200 *
52,0	66,1	114,3	56 200 *
54,0	65,1	113,3	51 500 *
56,0	64,0	112,4	47 100 *
58,0	63,0	111,4	43 100 *
60,0	61,9	110,3	39 300 *
62,0	60,9	109,2	35 800 *
64,0	59,8	108,0	32 500 *
66,0	58,7	106,8	29 400 *
68,0	57,6	105,5	26 500 *
70,0	56,4	104,2	23 800 *
72,0	55,3	102,8	21 200 *
74,0	54,1	101,4	18 800 *