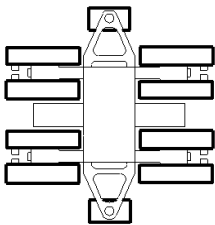
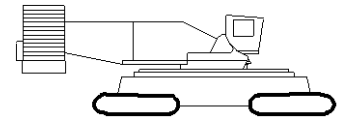
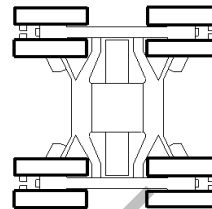


Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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



Narrow Crawler Arrangement
360 Degree Rating on Outriggers
Or
Front or Rear Rating With or Without
Retracted Outrigger Jacks



Wide Crawler Arrangement
360 Degree Rating

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.**

Capacities above 544 300 kg require tandem lower boom points. 54.9m thru 109,7m boom lengths require only the single lower boom point (15 sheaves) to be used. Second lower boom point must be removed from boom on 54,9m thru 109.7m boom lengths.

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.

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

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.

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. 192587** and Wire Rope Specification chart **No. 8139-A**. 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.

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**.

Wide Crawler Arrangement: Operation with wide crawler arrangement (14,5m) is 360 degrees.

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

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.

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.

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast

240 720 kg Crane Counterweight

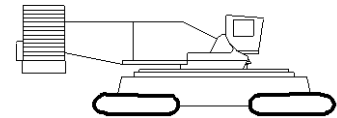
90 720 kg Carbody Counterweight

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


21000

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

WITH OR WITHOUT BOOM CATWALKS		
Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over End of Unblocked Crawlers
	Boom Length	Boom Length
0 Degree	(a) 109,7m	103,6m
1 Degree	103,6m	103,6m
2 Degree	103,6m	103,6m
3 Degree	103,6m	103,6m
Load block, hook and weight ball on barge deck at start.		
(a) Upper boom point cannot be used on 109,7m boom.		

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

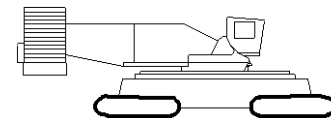
Machine may tip over side with outrigger jacks retracted or removed. Refer to wind folio for restrictions.

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
30,5m (100 Ft.) Boom							
7,0	82,7	33,2	756 600 *				7,0
8,0	80,8	33,1	667 400 *	617 900 *	573 300 *		8,0
9,0	78,8	32,8	595 800 *	555 200 *	518 400 *	485 900 *	9,0
10,0	76,9	32,6	537 500 *	503 800 *	472 900 *	445 100 *	10,0
11,0	74,9	32,3	489 100 *	460 800 *	434 400 *	410 500 *	11,0
12,0	72,9	31,9	448 300 *	424 100 *	401 400 *	380 700 *	12,0
14,0	68,9	31,1	383 100 *	365 000 *	347 700 *	331 700 *	14,0
16,0	64,7	30,2	333 600 *	319 300 *	305 300 *	291 800 *	16,0
18,0	60,4	29,0	292 900 *	281 300 *	269 400 *	258 400 *	18,0
20,0	55,8	27,6	259 100 *	249 800 *	240 400 *	231 500 *	20,0
22,0	51,0	26,0	231 600 *	224 200 *	216 600 *	209 300 *	22,0
24,0	45,7	24,0	208 900 *	202 900 *	196 600 *	190 300 *	24,0
26,0	39,9	21,7	189 800 *	184 900 *	179 700 *	173 300 *	26,0
28,0	33,2	18,7	173 300 *	169 400 *	165 200 *	158 500 *	28,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000



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
36,6m (120 Ft.) Boom							
7,9	82,4	39,3	670 700 *				7,9
8,0	82,3	39,3	665 000 *				8,0
9,0	80,7	39,1	593 000 *	546 800 *			9,0
10,0	79,1	38,8	534 800 *	496 100 *	461 200 *	430 600 *	10,0
11,0	77,5	38,6	486 500 *	453 800 *	424 100 *	397 500 *	11,0
12,0	75,9	38,3	445 700 *	417 800 *	392 100 *	368 900 *	12,0
14,0	72,6	37,7	380 700 *	359 700 *	340 000 *	321 900 *	14,0
16,0	69,2	36,9	331 200 *	314 600 *	298 600 *	283 100 *	16,0
18,0	65,8	36,0	290 900 *	277 100 *	263 400 *	250 800 *	18,0
20,0	62,2	34,9	257 100 *	246 000 *	235 100 *	224 800 *	20,0
22,0	58,6	33,7	229 700 *	220 700 *	211 700 *	203 100 *	22,0
24,0	54,7	32,2	207 000 *	199 600 *	192 000 *	184 900 *	24,0
26,0	50,6	30,6	187 900 *	181 800 *	175 400 *	169 300 *	26,0
28,0	46,3	28,7	171 600 *	166 400 *	161 000 *	155 800 *	28,0
30,0	41,6	26,4	157 500 *	153 100 *	148 500 *	143 900 *	30,0
32,0	36,4	23,8	145 100 *	141 400 *	137 600 *	132 800 *	32,0
34,0	30,3	20,5	134 200 *	131 200 *	127 900 *	122 900 *	34,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast

240 720 kg Crane Counterweight

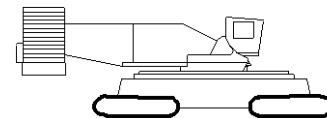
90 720 kg Carbody Counterweight

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

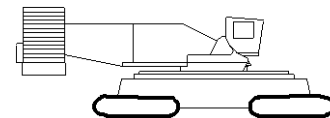
21000


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
42,7m (140 Ft.) Boom							
8,5	82,7	45,3	622 700 *				8,5
9,0	82,1	45,3	591 800 *				9,0
10,0	80,7	45,1	533 100 *	489 400 *	451 200 *		10,0
11,0	79,3	44,9	484 900 *	448 000 *	415 000 *	386 700 *	11,0
12,0	78,0	44,6	444 200 *	412 600 *	384 000 *	358 600 *	12,0
14,0	75,2	44,1	379 200 *	355 300 *	333 300 *	313 300 *	14,0
16,0	72,3	43,4	329 800 *	310 800 *	292 900 *	275 500 *	16,0
18,0	69,5	42,7	289 500 *	273 700 *	258 400 *	244 400 *	18,0
20,0	66,5	41,8	255 800 *	243 100 *	230 700 *	219 200 *	20,0
22,0	63,5	40,8	228 400 *	218 000 *	207 700 *	198 100 *	22,0
24,0	60,4	39,6	205 800 *	197 100 *	188 500 *	180 300 *	24,0
26,0	57,2	38,3	186 700 *	179 500 *	172 100 *	165 100 *	26,0
28,0	53,9	36,8	170 400 *	164 200 *	157 900 *	151 900 *	28,0
30,0	50,4	35,2	156 300 *	151 000 *	145 600 *	140 400 *	30,0
32,0	46,7	33,3	144 000 *	139 500 *	134 700 *	130 200 *	32,0
34,0	42,8	31,1	133 200 *	129 200 *	125 200 *	121 200 *	34,0
36,0	38,5	28,7	123 500 *	120 100 *	116 600 *	113 100 *	36,0
38,0	33,7	25,7	114 300 *	112 000 *	108 900 *	105 300 *	38,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

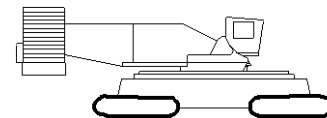


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
48,8m (160 Ft.) Boom							
9,1	82,9	51,4	579 400 *				9,1
10,0	81,9	51,3	530 300 *				10,0
11,0	80,7	51,1	482 100 *	441 000 *	406 000 *		11,0
12,0	79,5	50,9	441 500 *	406 300 *	375 100 *	347 800 *	12,0
14,0	77,1	50,4	376 600 *	349 900 *	325 800 *	304 100 *	14,0
16,0	74,6	49,8	327 200 *	306 100 *	286 400 *	267 300 *	16,0
18,0	72,2	49,2	287 200 *	269 500 *	252 600 *	237 300 *	18,0
20,0	69,6	48,4	253 600 *	239 200 *	225 500 *	212 900 *	20,0
22,0	67,1	47,6	226 300 *	214 400 *	203 000 *	192 400 *	22,0
24,0	64,5	46,6	203 600 *	193 700 *	184 100 *	175 100 *	24,0
26,0	61,8	45,5	184 600 *	176 200 *	167 900 *	160 200 *	26,0
28,0	59,1	44,3	168 300 *	161 200 *	154 000 *	147 300 *	28,0
30,0	56,2	43,0	154 200 *	148 100 *	141 900 *	136 000 *	30,0
32,0	53,3	41,5	141 900 *	136 600 *	131 200 *	126 000 *	32,0
34,0	50,2	39,8	131 100 *	126 500 *	121 700 *	117 200 *	34,0
36,0	47,0	37,9	121 500 *	117 400 *	113 300 *	109 200 *	36,0
38,0	43,6	35,8	112 400 *	109 300 *	105 600 *	102 100 *	38,0
40,0	40,0	33,5	103 700 *	101 300 *	98 700 *	95 600 *	40,0
42,0	36,0	30,7	95 800 *	93 800 *	91 900 *	89 700 *	42,0
44,0	31,6	27,5	88 600 *	86 900 *	85 300 *	83 800 *	44,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

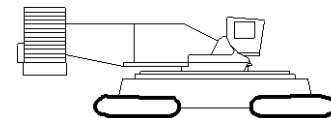


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
54,9m (180 Ft.) Boom							
10,4	82,4	57,4	512 900 *				10,4
11,0	81,7	57,3	483 200 *	439 000 *			11,0
12,0	80,7	57,1	442 500 *	403 800 *			12,0
14,0	78,5	56,7	377 700 *	348 400 *	322 200 *	299 200 *	14,0
16,0	76,4	56,2	328 400 *	305 100 *	283 500 *	263 000 *	16,0
18,0	74,2	55,6	288 500 *	268 900 *	250 500 *	234 100 *	18,0
20,0	72,0	55,0	254 900 *	239 000 *	224 000 *	210 400 *	20,0
22,0	69,8	54,2	227 600 *	214 500 *	202 000 *	190 500 *	22,0
24,0	67,5	53,3	205 000 *	194 000 *	183 400 *	173 600 *	24,0
26,0	65,2	52,4	186 100 *	176 700 *	167 600 *	159 100 *	26,0
28,0	62,9	51,4	169 800 *	161 800 *	153 900 *	146 500 *	28,0
30,0	60,5	50,2	155 700 *	148 800 *	141 900 *	135 500 *	30,0
32,0	58,0	49,0	143 500 *	137 500 *	131 400 *	125 700 *	32,0
34,0	55,4	47,6	132 700 *	127 400 *	122 000 *	117 000 *	34,0
36,0	52,8	46,1	123 100 *	118 400 *	113 700 *	109 200 *	36,0
38,0	50,1	44,4	114 600 *	110 400 *	106 200 *	102 200 *	38,0
40,0	47,2	42,5	106 500 *	103 100 *	99 400 *	95 800 *	40,0
42,0	44,3	40,5	98 600 *	96 000 *	93 200 *	90 000 *	42,0
44,0	41,1	38,2	91 400 *	89 200 *	87 000 *	84 700 *	44,0
46,0	37,7	35,6	84 900 *	83 000 *	81 100 *	79 400 *	46,0
48,0	34,0	32,7	78 900 *	77 300 *	75 700 *	74 200 *	48,0
50,0	29,9	29,3	73 400 *	72 000 *	70 700 *	69 400 *	50,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

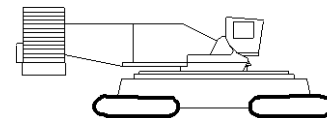


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
61,0m (200 Ft.) Boom							
11,0	82,6	63,5	482 400 *				11,0
12,0	81,6	63,3	440 500 *	398 500 *			12,0
14,0	79,7	62,9	375 700 *	343 700 *	315 900 *	290 900 *	14,0
16,0	77,8	62,5	326 300 *	300 900 *	277 500 *	255 800 *	16,0
18,0	75,8	62,0	286 500 *	265 200 *	245 300 *	227 800 *	18,0
20,0	73,9	61,4	253 000 *	235 500 *	219 300 *	204 700 *	20,0
22,0	71,9	60,7	225 700 *	211 300 *	197 600 *	185 300 *	22,0
24,0	69,9	60,0	203 000 *	190 900 *	179 400 *	168 800 *	24,0
26,0	67,9	59,1	184 000 *	173 700 *	163 800 *	154 600 *	26,0
28,0	65,8	58,2	167 700 *	158 900 *	150 300 *	142 300 *	28,0
30,0	63,7	57,2	153 700 *	146 000 *	138 400 *	131 400 *	30,0
32,0	61,5	56,1	141 400 *	134 700 *	128 100 *	121 800 *	32,0
34,0	59,4	54,9	130 600 *	124 700 *	118 800 *	113 200 *	34,0
36,0	57,1	53,6	121 000 *	115 800 *	110 500 *	105 500 *	36,0
38,0	54,8	52,2	112 400 *	107 800 *	103 100 *	98 600 *	38,0
40,0	52,4	50,7	104 000 *	100 500 *	96 300 *	92 300 *	40,0
42,0	50,0	49,0	96 200 *	93 000 *	90 000 *	86 600 *	42,0
44,0	47,4	47,1	89 100 *	86 300 *	83 700 *	81 100 *	44,0
46,0	44,8	45,1	82 500 *	80 100 *	77 800 *	75 500 *	46,0
48,0	41,9	42,9	76 600 *	74 400 *	72 400 *	70 500 *	48,0
50,0	39,0	40,5	71 100 *	69 200 *	67 400 *	65 700 *	50,0
52,0	35,8	37,7	66 000 *	64 400 *	62 900 *	61 300 *	52,0
54,0	32,3	34,6	61 300 *	59 900 *	58 600 *	57 300 *	54,0
56,0	28,4	31,0	56 900 *	55 700 *	54 600 *	53 500 *	56,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

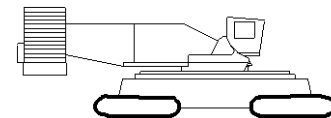


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
67,1m (220 Ft.) Boom							
11,6	82,7	69,5	454 600 *				11,6
12,0	82,4	69,5	438 600 *				12,0
14,0	80,6	69,1	373 500 *	339 400 *	309 200 *		14,0
16,0	78,9	68,7	324 100 *	296 700 *	271 600 *	249 200 *	16,0
18,0	77,2	68,3	284 500 *	261 400 *	240 100 *	221 500 *	18,0
20,0	75,4	67,7	251 000 *	232 000 *	214 600 *	199 100 *	20,0
22,0	73,6	67,1	223 600 *	208 000 *	193 400 *	180 200 *	22,0
24,0	71,8	66,5	201 000 *	187 800 *	175 400 *	164 100 *	24,0
26,0	70,0	65,7	181 900 *	170 700 *	160 000 *	150 200 *	26,0
28,0	68,1	64,9	165 700 *	156 000 *	146 700 *	138 100 *	28,0
30,0	66,3	64,0	151 500 *	143 200 *	135 000 *	127 400 *	30,0
32,0	64,4	63,0	139 300 *	131 900 *	124 700 *	118 000 *	32,0
34,0	62,4	62,0	128 500 *	121 900 *	115 500 *	109 500 *	34,0
36,0	60,5	60,8	118 900 *	113 100 *	107 300 *	102 000 *	36,0
38,0	58,5	59,6	110 200 *	105 100 *	100 000 *	95 100 *	38,0
40,0	56,4	58,3	101 500 *	97 400 *	93 300 *	88 900 *	40,0
42,0	54,3	56,8	93 700 *	90 000 *	86 600 *	83 100 *	42,0
44,0	52,1	55,3	86 500 *	83 300 *	80 200 *	77 300 *	44,0
46,0	49,9	53,6	80 000 *	77 100 *	74 400 *	71 800 *	46,0
48,0	47,6	51,8	74 100 *	71 500 *	69 100 *	66 700 *	48,0
50,0	45,2	49,8	68 600 *	66 300 *	64 100 *	62 100 *	50,0
52,0	42,6	47,6	63 500 *	61 500 *	59 600 *	57 700 *	52,0
54,0	40,0	45,2	58 900 *	57 000 *	55 300 *	53 700 *	54,0
56,0	37,2	42,6	54 500 *	52 900 *	51 400 *	49 900 *	56,0
58,0	34,2	39,7	50 400 *	49 000 *	47 700 *	46 400 *	58,0
60,0	30,9	36,4	46 600 *	45 400 *	44 200 *	43 100 *	60,0
62,0	27,2	32,6	43 000 *	42 000 *	41 000 *	40 000 *	62,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

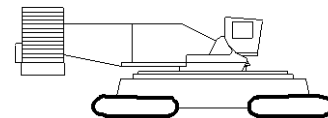


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
73,2m (240 Ft.) Boom							
12,2	82,9	75,6	430 000 *				12,2
14,0	81,4	75,3	372 200 *	335 600 *			14,0
16,0	79,8	75,0	322 900 *	293 400 *	267 100 *		16,0
18,0	78,2	74,5	283 300 *	258 500 *	235 900 *	216 600 *	18,0
20,0	76,6	74,0	249 900 *	229 400 *	210 900 *	194 500 *	20,0
22,0	75,0	73,5	222 500 *	205 600 *	190 000 *	176 100 *	22,0
24,0	73,4	72,9	199 800 *	185 600 *	172 300 *	160 300 *	24,0
26,0	71,7	72,2	180 800 *	168 600 *	157 100 *	146 700 *	26,0
28,0	70,0	71,5	164 500 *	154 000 *	144 000 *	134 900 *	28,0
30,0	68,4	70,7	150 400 *	141 300 *	132 500 *	124 400 *	30,0
32,0	66,7	69,8	138 100 *	130 100 *	122 300 *	115 100 *	32,0
34,0	64,9	68,9	127 300 *	120 200 *	113 300 *	106 800 *	34,0
36,0	63,2	67,8	117 700 *	111 400 *	105 200 *	99 400 *	36,0
38,0	61,4	66,7	109 000 *	103 500 *	97 900 *	92 700 *	38,0
40,0	59,6	65,6	100 300 *	95 700 *	91 200 *	86 600 *	40,0
42,0	57,7	64,3	92 400 *	88 300 *	84 400 *	80 700 *	42,0
44,0	55,8	62,9	85 300 *	81 600 *	78 100 *	74 800 *	44,0
46,0	53,9	61,5	78 700 *	75 500 *	72 300 *	69 400 *	46,0
48,0	51,9	59,9	72 800 *	69 800 *	67 000 *	64 400 *	48,0
50,0	49,8	58,2	67 300 *	64 700 *	62 100 *	59 700 *	50,0
52,0	47,7	56,3	62 300 *	59 900 *	57 600 *	55 400 *	52,0
54,0	45,5	54,4	57 600 *	55 400 *	53 400 *	51 400 *	54,0
56,0	43,2	52,3	53 200 *	51 300 *	49 500 *	47 700 *	56,0
58,0	40,8	50,0	49 200 *	47 500 *	45 800 *	44 200 *	58,0
60,0	38,3	47,4	45 400 *	43 900 *	42 400 *	41 000 *	60,0
62,0	35,6	44,7	41 900 *	40 500 *	39 200 *	37 900 *	62,0
64,0	32,8	41,6	38 500 *	37 300 *	36 100 *	35 000 *	64,0
66,0	29,6	38,2	35 400 *	34 300 *	33 300 *	32 300 *	66,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

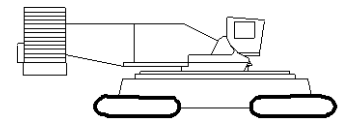


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
79,2m (260 Ft.) Boom							
13,7	82,3	81,5	378 200 *				13,7
14,0	82,1	81,5	370 700 *				14,0
16,0	80,6	81,2	320 600 *	289 700 *			16,0
18,0	79,2	80,8	281 300 *	254 700 *	231 100 *		18,0
20,0	77,7	80,3	247 800 *	225 900 *	206 200 *	189 000 *	20,0
22,0	76,2	79,8	220 400 *	202 200 *	185 700 *	171 100 *	22,0
24,0	74,7	79,3	197 700 *	182 400 *	168 300 *	155 700 *	24,0
26,0	73,2	78,7	178 600 *	165 600 *	153 400 *	142 400 *	26,0
28,0	71,7	78,0	162 300 *	151 100 *	140 400 *	130 700 *	28,0
30,0	70,1	77,2	148 200 *	138 400 *	129 100 *	120 500 *	30,0
32,0	68,6	76,4	135 900 *	127 300 *	119 000 *	111 400 *	32,0
34,0	67,0	75,6	125 100 *	117 400 *	110 100 *	103 200 *	34,0
36,0	65,4	74,7	115 500 *	108 700 *	102 000 *	95 900 *	36,0
38,0	63,8	73,7	106 400 *	100 600 *	94 800 *	89 300 *	38,0
40,0	62,1	72,6	97 700 *	92 500 *	87 800 *	83 200 *	40,0
42,0	60,5	71,5	89 800 *	85 200 *	80 900 *	76 900 *	42,0
44,0	58,8	70,2	82 600 *	78 500 *	74 700 *	71 000 *	44,0
46,0	57,1	68,9	76 000 *	72 400 *	68 900 *	65 600 *	46,0
48,0	55,3	67,6	70 100 *	66 800 *	63 600 *	60 700 *	48,0
50,0	53,5	66,1	64 600 *	61 600 *	58 800 *	56 100 *	50,0
52,0	51,6	64,5	59 600 *	56 900 *	54 300 *	51 800 *	52,0
54,0	49,7	62,8	54 900 *	52 400 *	50 100 *	47 800 *	54,0
56,0	47,8	61,0	50 600 *	48 300 *	46 200 *	44 100 *	56,0
58,0	45,8	59,0	46 500 *	44 500 *	42 600 *	40 700 *	58,0
60,0	43,7	56,9	42 700 *	40 900 *	39 200 *	37 500 *	60,0
62,0	41,5	54,7	39 200 *	37 500 *	35 900 *	34 400 *	62,0
64,0	39,2	52,2	35 900 *	34 400 *	32 900 *	31 600 *	64,0
66,0	36,8	49,6	32 800 *	31 400 *	30 100 *	28 900 *	66,0
68,0	34,3	46,7	29 800 *	28 600 *	27 400 *	26 300 *	68,0
70,0	31,5	43,5	27 000 *	25 900 *	24 900 *	23 900 *	70,0
72,0	28,6	39,9	24 300 *	23 400 *	22 500 *	21 600 *	72,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

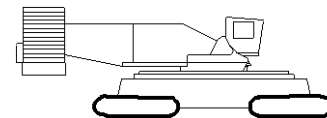


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
85,3m (280 Ft.) Boom							
13,7	82,9	87,7	376 700 *				13,7
14,0	82,7	87,7	369 300 *				14,0
16,0	81,3	87,3	319 100 *	286 300 *			16,0
18,0	79,9	87,0	279 900 *	251 600 *	226 800 *		18,0
20,0	78,6	86,6	246 400 *	223 100 *	202 400 *	184 400 *	20,0
22,0	77,2	86,1	219 000 *	199 700 *	182 300 *	166 900 *	22,0
24,0	75,8	85,6	196 400 *	180 000 *	165 100 *	151 900 *	24,0
26,0	74,4	85,0	177 300 *	163 300 *	150 400 *	138 900 *	26,0
28,0	73,0	84,4	160 900 *	148 900 *	137 600 *	127 500 *	28,0
30,0	71,6	83,7	146 800 *	136 300 *	126 400 *	117 400 *	30,0
32,0	70,2	83,0	134 500 *	125 300 *	116 500 *	108 500 *	32,0
34,0	68,7	82,2	123 700 *	115 500 *	107 700 *	100 400 *	34,0
36,0	67,3	81,4	114 000 *	106 800 *	99 700 *	93 200 *	36,0
38,0	65,8	80,5	104 800 *	98 500 *	92 600 *	86 700 *	38,0
40,0	64,3	79,5	96 000 *	90 400 *	85 200 *	80 500 *	40,0
42,0	62,8	78,4	88 100 *	83 100 *	78 500 *	74 100 *	42,0
44,0	61,3	77,3	80 900 *	76 400 *	72 200 *	68 300 *	44,0
46,0	59,7	76,2	74 400 *	70 300 *	66 500 *	63 000 *	46,0
48,0	58,1	74,9	68 500 *	64 800 *	61 300 *	58 100 *	48,0
50,0	56,5	73,6	63 000 *	59 600 *	56 500 *	53 500 *	50,0
52,0	54,9	72,2	57 900 *	54 900 *	52 000 *	49 300 *	52,0
54,0	53,2	70,7	53 200 *	50 500 *	47 900 *	45 400 *	54,0
56,0	51,5	69,1	48 900 *	46 400 *	44 000 *	41 700 *	56,0
58,0	49,7	67,4	44 900 *	42 600 *	40 400 *	38 300 *	58,0
60,0	47,9	65,6	41 100 *	39 000 *	37 000 *	35 100 *	60,0
62,0	46,0	63,6	37 600 *	35 700 *	33 800 *	32 100 *	62,0
64,0	44,1	61,6	34 300 *	32 500 *	30 900 *	29 300 *	64,0
66,0	42,1	59,4	31 200 *	29 600 *	28 000 *	26 600 *	66,0
68,0	40,0	57,0	28 200 *	26 800 *	25 400 *	24 000 *	68,0
70,0	37,8	54,4	25 400 *	24 100 *	22 800 *	21 700 *	70,0
72,0	35,5	51,6	22 800 *	21 600 *	20 500 *	19 400 *	72,0
74,0	33,1	48,6	20 300 *	19 200 *	18 200 *		74,0
76,0	30,5	45,3	17 900 *	17 000 *			76,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

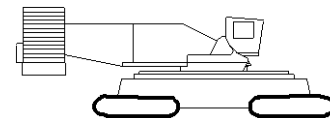


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
91,4m (300 Ft.) Boom							
15,2	82,4	93,6	334 300 *				15,2
16,0	81,9	93,5	317 700 *				16,0
18,0	80,6	93,2	277 800 *	248 000 *			18,0
20,0	79,3	92,8	244 400 *	219 600 *	197 800 *	179 200 *	20,0
22,0	78,1	92,4	216 900 *	196 400 *	178 000 *	162 000 *	22,0
24,0	76,8	91,9	194 200 *	176 900 *	161 200 *	147 400 *	24,0
26,0	75,5	91,4	175 100 *	160 300 *	146 700 *	134 600 *	26,0
28,0	74,2	90,8	158 700 *	145 900 *	134 100 *	123 400 *	28,0
30,0	72,9	90,2	144 600 *	133 400 *	123 000 *	113 600 *	30,0
32,0	71,5	89,5	132 300 *	122 500 *	113 200 *	104 700 *	32,0
34,0	70,2	88,8	121 500 *	112 700 *	104 400 *	96 900 *	34,0
36,0	68,9	88,0	111 700 *	104 000 *	96 600 *	89 700 *	36,0
38,0	67,5	87,1	102 200 *	95 400 *	89 100 *	83 300 *	38,0
40,0	66,1	86,2	93 300 *	87 300 *	81 700 *	76 500 *	40,0
42,0	64,7	85,3	85 400 *	79 900 *	74 900 *	70 200 *	42,0
44,0	63,3	84,3	78 200 *	73 300 *	68 700 *	64 500 *	44,0
46,0	61,9	83,2	71 700 *	67 200 *	63 100 *	59 200 *	46,0
48,0	60,5	82,1	65 700 *	61 700 *	57 900 *	54 300 *	48,0
50,0	59,0	80,9	60 200 *	56 500 *	53 100 *	49 800 *	50,0
52,0	57,5	79,6	55 100 *	51 800 *	48 600 *	45 700 *	52,0
54,0	56,0	78,2	50 500 *	47 400 *	44 500 *	41 800 *	54,0
56,0	54,5	76,8	46 100 *	43 300 *	40 700 *	38 200 *	56,0
58,0	52,9	75,3	42 100 *	39 500 *	37 100 *	34 800 *	58,0
60,0	51,3	73,7	38 300 *	35 900 *	33 700 *	31 600 *	60,0
62,0	49,6	72,0	34 800 *	32 600 *	30 600 *	28 600 *	62,0
64,0	48,0	70,2	31 400 *	29 500 *	27 600 *	25 800 *	64,0
66,0	46,2	68,2	28 400 *	26 500 *	24 800 *	23 200 *	66,0
68,0	44,4	66,2	25 400 *	23 800 *	22 200 *	20 600 *	68,0
70,0	42,6	64,0	22 700 *	21 100 *	19 700 *	18 300 *	70,0
72,0	40,7	61,7	20 000 *	18 600 *			72,0
74,0	38,7	59,2	17 600 *				74,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000

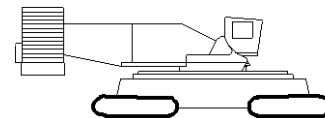


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Feet
97,5m (320 Ft.) Boom							
15,2	82,9	99,8	332 700 *				15,2
16,0	82,4	99,7	316 100 *				16,0
18,0	81,2	99,4	276 300 *	244 900 *			18,0
20,0	80,0	99,0	242 900 *	216 700 *	194 000 *		20,0
22,0	78,8	98,6	215 400 *	193 700 *	174 500 *	158 100 *	22,0
24,0	77,6	98,2	192 700 *	174 400 *	157 900 *	143 500 *	24,0
26,0	76,4	97,7	173 500 *	157 900 *	143 700 *	131 000 *	26,0
28,0	75,2	97,1	157 200 *	143 700 *	131 200 *	120 100 *	28,0
30,0	74,0	96,6	143 100 *	131 200 *	120 300 *	110 400 *	30,0
32,0	72,7	95,9	130 800 *	120 400 *	110 600 *	101 800 *	32,0
34,0	71,5	95,2	119 900 *	110 700 *	101 900 *	94 000 *	34,0
36,0	70,3	94,5	110 000 *	101 800 *	94 100 *	87 000 *	36,0
38,0	69,0	93,8	100 300 *	93 000 *	86 300 *	80 200 *	38,0
40,0	67,7	92,9	91 500 *	85 000 *	78 900 *	73 400 *	40,0
42,0	66,4	92,0	83 500 *	77 700 *	72 200 *	67 200 *	42,0
44,0	65,1	91,1	76 300 *	71 100 *	66 100 *	61 600 *	44,0
46,0	63,8	90,1	69 800 *	65 000 *	60 500 *	56 400 *	46,0
48,0	62,5	89,1	63 800 *	59 400 *	55 400 *	51 600 *	48,0
50,0	61,2	88,0	58 300 *	54 300 *	50 600 *	47 100 *	50,0
52,0	59,8	86,8	53 300 *	49 600 *	46 200 *	43 000 *	52,0
54,0	58,4	85,6	48 600 *	45 200 *	42 100 *	39 200 *	54,0
56,0	57,0	84,2	44 200 *	41 200 *	38 300 *	35 600 *	56,0
58,0	55,6	82,9	40 200 *	37 300 *	34 700 *	32 200 *	58,0
60,0	54,1	81,4	36 400 *	33 800 *	31 400 *	29 100 *	60,0
62,0	52,7	79,9	32 900 *	30 500 *	28 200 *	26 100 *	62,0
64,0	51,1	78,3	29 600 *	27 400 *	25 300 *	23 300 *	64,0
66,0	49,6	76,6	26 500 *	24 400 *	22 500 *	20 700 *	66,0
68,0	48,0	74,8	23 500 *	21 700 *	19 900 *	18 200 *	68,0
70,0	46,4	72,9	20 800 *	19 000 *	17 400 *		70,0
72,0	44,7	70,8	18 200 *				72,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast
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

21000



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	82,4	105,7	297 100 *				16,8
18,0	81,7	105,6	274 500 *				18,0
20,0	80,6	105,2	240 800 *	213 200 *	189 600 *		20,0
22,0	79,5	104,8	213 300 *	190 400 *	170 400 *		22,0
24,0	78,4	104,4	190 500 *	171 200 *	154 000 *	139 200 *	24,0
26,0	77,2	103,9	171 400 *	154 800 *	140 000 *	126 900 *	26,0
28,0	76,1	103,4	155 000 *	140 700 *	127 700 *	116 100 *	28,0
30,0	74,9	102,9	140 900 *	128 400 *	116 900 *	106 600 *	30,0
32,0	73,8	102,3	128 600 *	117 500 *	107 300 *	98 100 *	32,0
34,0	72,6	101,7	117 700 *	107 900 *	98 800 *	90 400 *	34,0
36,0	71,5	101,0	107 600 *	98 800 *	90 700 *	83 400 *	36,0
38,0	70,3	100,3	97 600 *	89 800 *	82 700 *	76 200 *	38,0
40,0	69,1	99,5	88 700 *	81 700 *	75 300 *	69 500 *	40,0
42,0	67,9	98,7	80 800 *	74 500 *	68 700 *	63 400 *	42,0
44,0	66,7	97,8	73 600 *	67 900 *	62 600 *	57 800 *	44,0
46,0	65,5	96,9	67 000 *	61 800 *	57 000 *	52 600 *	46,0
48,0	64,3	95,9	61 000 *	56 300 *	51 900 *	47 900 *	48,0
50,0	63,0	94,9	55 500 *	51 200 *	47 200 *	43 500 *	50,0
52,0	61,8	93,8	50 400 *	46 500 *	42 800 *	39 400 *	52,0
54,0	60,5	92,7	45 700 *	42 100 *	38 700 *	35 600 *	54,0
56,0	59,2	91,5	41 400 *	38 000 *	34 900 *	32 000 *	56,0
58,0	57,9	90,2	37 300 *	34 300 *	31 400 *	28 700 *	58,0
60,0	56,6	88,9	33 500 *	30 700 *	28 100 *	25 600 *	60,0
62,0	55,2	87,5	30 000 *	27 400 *	24 900 *	22 600 *	62,0
64,0	53,8	86,0	26 700 *	24 300 *	22 000 *	19 900 *	64,0
66,0	52,4	84,5	23 600 *	21 400 *	19 200 *		66,0
68,0	51,0	82,9	20 700 *	18 600 *			68,0
70,0	49,6	81,2	17 900 *				70,0

Liftcrane Boom Capacities

Boom No. 80 with 30.5m Mast

240 720 kg Crane Counterweight

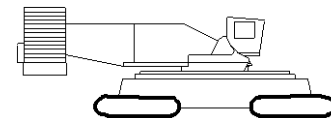
90 720 kg Carbody Counterweight

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 Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Kilograms
109,7m (360 Ft.) Boom			
16,8	82,9	111,9	295 500 *
18,0	82,2	111,7	272 800 *
20,0	81,1	111,4	239 200 *
22,0	80,1	111,0	211 700 *
24,0	79,0	110,7	188 900 *
26,0	78,0	110,2	169 800 *
28,0	76,9	109,7	153 400 *
30,0	75,8	109,2	139 200 *
32,0	74,7	108,7	126 900 *
34,0	73,6	108,1	116 000 *
36,0	72,5	107,4	105 600 *
38,0	71,4	106,8	95 600 *
40,0	70,3	106,0	86 700 *
42,0	69,2	105,3	78 700 *
44,0	68,1	104,5	71 500 *
46,0	66,9	103,6	64 900 *
48,0	65,8	102,7	58 900 *
50,0	64,6	101,7	53 400 *
52,0	63,5	100,7	48 400 *
54,0	62,3	99,7	43 700 *
56,0	61,1	98,6	39 300 *
58,0	59,9	97,4	35 200 *
60,0	58,7	96,2	31 500 *
62,0	57,4	94,9	27 900 *
64,0	56,2	93,6	24 600 *
66,0	54,9	92,1	21 600 *
68,0	53,6	90,7	18 600 *