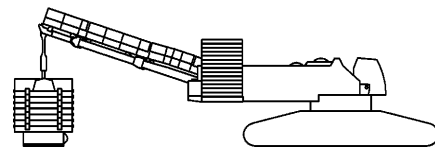


Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



LIFTING CAPACITIES: 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 (*).

Note 1: Capacities above 600 000 kg thru 661 200 kg require 55A boom top.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum boom capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging counterweight.

Simultaneous hoisting of both load drums is required for even block travel.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib 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: Machine to operate in a level position on a firm uniformly supporting surface with mast up. Refer to boom rigging **No. A05377**, Wire Rope Specification chart **No. 8573-A or 8573-B** and Counterweight Arrangement chart **No. 8577-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

Deduct From Capacities When Jib is Attached	
Jib Length	Jib No. 79A
15.2m	48 100 kg
21.3m	56 100 kg
27.4m	65 200 kg
33.5m	72 300 kg
Weight of jib and 12 300 kg suspended beneath jib point sheaves have been included in deduct.	

Consult jib chart No. 8665-AM for jib capacities.
Upper boom point cannot be used when boom is attached.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8664-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle 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 ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER, 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 42.7m mast, 16 part boom hoist reeving, boom support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and hanging counterweight as specified.

WARNING: Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly

Boom Catwalks Deduct

Deduct 400 kg from capacities when boom catwalks are attached.

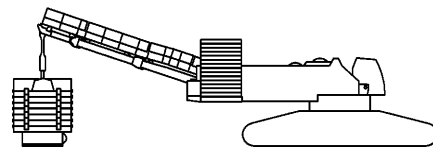
Upper Boom Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. 170419		
27 220 kg	27 220 kg	27 220 kg
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.		

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



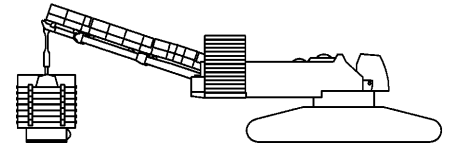
Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over Side or End of Unblocked Crawlers	
Boom Length	Jib Length	Boom Length	Jib Length
0 kg Hanging Counterweight			
103.6m	—	91.4m	—
97.5m	—	85.3m	—
91.4m	—	79.2m	—
85.3m	—	73.2m	—
79.2m	—	67.1m	—
73.2m	—	61.0m	15.2m
67.1m	15.2m	54.9m	27.4m
61.0m	27.4m	48.8m	33.5m
54.9m	33.5m		
Over Side or End of Unblocked Crawlers			
112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight	
121.9m	—	134.1m	—
115.8m	—	128.0m	—
109.7m	—	121.9m	—
103.6m	—	115.8m	—
97.5m	—	109.7m	—
91.4m	—	103.6m	15.2m
85.3m	15.2m	97.5m	21.3m
79.2m	27.4m	91.4m	33.5m
73.2m	33.5m		
272 060 kg Hanging Counterweight		351 900 kg - 391 810 kg Hanging Counterweight	
134.1m	—	134.1m	—
128.0m	—		
121.9m	—		
115.8m	—		
109.7m	—		
103.6m	21.3m		
97.5m	33.5m		
Load block, hook and weight ball on ground at start.			

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



42.7m (140 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
8.5	82.6	45.6	500 500*	481 100	661 200* ¹					8.5
10.0	80.6	45.3	427 800*	386 800	566 300*					10.0
12.0	77.8	44.8	355 800*	302 500	472 400*	480 100	576 300*			12.0
14.0	75.0	44.3	303 200*	246 000	404 100*	393 600	493 500*			14.0
16.0	72.2	43.6	260 500*	205 600	352 200*	332 100	430 800*			16.0
18.0	69.3	42.8	227 300*	175 400	311 500*	286 000	381 700*	353 200	424 400*	18.0
20.0	66.4	42.0	201 000*	151 700	278 700*	250 100	342 100*	309 200	380 100*	20.0
22.0	63.3	40.9	179 600*	132 800	251 600*	221 200	309 400*	274 300	344 100*	22.0
24.0	60.2	39.8	161 900*	117 200	229 000*	197 500	282 000*	245 800	313 900*	24.0
26.0	57.0	38.5	146 900*	104 300	209 200*	177 800	258 800*	222 000	288 200*	26.0
28.0	53.7	37.0	133 800	93 200	191 900*	161 000	238 700*	201 800	266 100*	28.0
30.0	50.2	35.3	121 100	83 700	176 900*	146 600	221 300*	184 400	246 900*	30.0
32.0	46.5	33.4	110 200	75 400	163 800*	134 100	206 000*	169 300	230 000*	32.0
34.0	42.5	31.2	100 900	68 200	152 200*	123 100	192 400*	156 000	215 100*	34.0
36.0	38.2	28.6	92 600	61 700	142 000*	113 200	180 300*	144 300	201 700*	36.0
38.0	33.3	25.6	85 300	55 900	132 700*	104 500	169 400*	133 700	189 800*	38.0
40.0	27.7	22.0	78 800	50 600	124 500*	96 500	159 600*	124 100	175 100*	40.0
42.0	20.6	17.0	73 000	45 600	116 900*	89 100	148 600*	115 200	160 100*	42.0

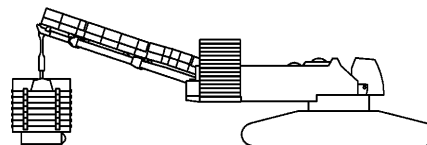
Note 1: Capacities above 600 000 kg thru 661 200 kg require
 55A boom top.

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



42.7m (140 Ft.) Boom

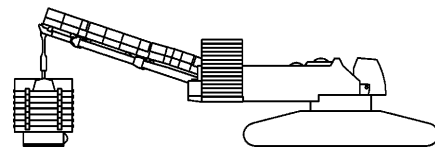
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight	
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms
8.5				
10.0				
12.0				
14.0				
16.0				
18.0				
20.0				
22.0				
24.0				
26.0				
28.0	53.7	37.0	256 400	302 900*
30.0	50.2	35.3	234 900	281 000*
32.0	46.5	33.4	216 300	262 100*
34.0	42.5	31.2	200 000	244 900*
36.0	38.2	28.6	185 600	226 600*
38.0	33.3	25.6	172 600	208 700*
40.0	27.7	22.0	160 900	192 200*
42.0	20.6	17.0	150 000	176 000*

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



48.8m (160 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
9.1	82.8	51.7	465 800*	444 000	616 500* ¹					9.1
10.0	81.7	51.5	426 000*	392 100	564 500*					10.0
12.0	79.4	51.1	354 100*	305 600	470 700*					12.0
14.0	76.9	50.6	301 600*	247 900	402 500*	397 500	491 800*			14.0
16.0	74.5	50.0	259 000*	206 700	350 600*	334 700	429 200*			16.0
18.0	72.0	49.4	225 800*	175 900	309 900*	287 800	380 100*			18.0
20.0	69.5	48.6	199 600*	151 900	277 100*	251 300	340 500*	311 000	378 600*	20.0
22.0	66.9	47.7	178 200*	132 700	250 100*	222 000	307 800*	275 600	342 500*	22.0
24.0	64.3	46.8	160 400*	116 900	227 400*	198 000	280 500*	246 700	312 300*	24.0
26.0	61.6	45.7	145 500*	103 800	207 800*	178 000	257 300*	222 600	286 700*	26.0
28.0	58.9	44.4	132 500	92 600	190 500*	161 100	237 200*	202 200	264 600*	28.0
30.0	56.0	43.1	120 100	83 100	175 500*	146 500	219 800*	184 700	245 400*	30.0
32.0	53.1	41.6	109 200	74 700	162 400*	133 900	204 500*	169 500	228 500*	32.0
34.0	50.0	39.9	99 800	67 400	150 900*	122 800	191 000*	156 100	213 600*	34.0
36.0	46.8	38.0	91 600	61 000	140 600*	113 000	178 900*	144 300	200 300*	36.0
38.0	43.4	35.9	84 300	55 200	131 500*	104 300	168 100*	133 800	188 400*	38.0
40.0	39.7	33.5	77 900	50 000	123 200*	96 400	158 300*	124 300	177 600*	40.0
42.0	35.7	30.7	72 100	45 300	115 800*	89 300	149 400*	115 700	167 800*	42.0
44.0	31.2	27.5	66 900	40 900	109 000*	82 800	141 300*	107 900	158 900*	44.0
46.0	26.0	23.5	62 100	36 900	102 800*	76 700	133 700*	100 700	148 400*	46.0
48.0	19.5	18.3	57 800	33 100	97 000*	71 100	125 600*	93 900	136 300*	48.0

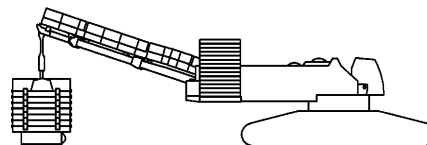
Note 1: Capacities above 600 000 kg thru 661 200 kg require
55A boom top.

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



48.8m (160 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight	
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms
9.1				
10.0				
12.0				
14.0				
16.0				
18.0				
20.0				
22.0				
24.0				
26.0				
28.0				
30.0	56.0	43.1	235 800	279 800*
32.0	53.1	41.6	216 900	260 600*
34.0	50.0	39.9	200 500	243 900*
36.0	46.8	38.0	186 000	228 900*
38.0	43.4	35.9	173 100	215 500*
40.0	39.7	33.5	161 500	203 200*
42.0	35.7	30.7	151 000	190 500*
44.0	31.2	27.5	141 400	176 500*
46.0	26.0	23.5	132 600	163 400*
48.0	19.5	18.3	124 300	150 500*

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

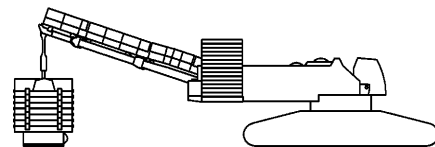
145 150 kg Carbody Counterweight

 0 kg thru 391 810 kg Hanging Counterweight
at 18m Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



54.9m (180 Ft.) Boom

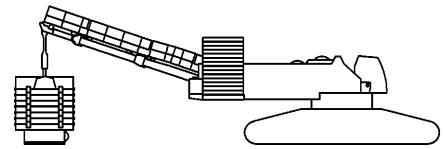
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
9.8	82.9	57.7	435 400*	411 400	577 300*					9.8
10.0	82.7	57.7	425 000*	397 900	563 700*					10.0
12.0	80.6	57.3	352 800*	308 800	469 400*					12.0
14.0	78.4	56.9	300 300*	249 900	401 200*	402 500	491 500*			14.0
16.0	76.3	56.4	257 900*	208 000	349 400*	337 400	427 900*			16.0
18.0	74.1	55.8	224 800*	176 700	308 700*	289 700	378 900*			18.0
20.0	71.9	55.1	198 500*	152 400	275 900*	252 700	339 300*	312 900	377 400*	20.0
22.0	69.7	54.4	177 100*	132 900	248 900*	223 000	306 700*	277 100	341 400*	22.0
24.0	67.4	53.5	159 400*	116 900	226 300*	198 700	279 400*	247 900	311 200*	24.0
26.0	65.1	52.6	144 500*	103 600	206 800*	178 500	256 100*	223 500	285 600*	26.0
28.0	62.7	51.5	131 500	92 400	189 400*	161 400	236 100*	202 800	263 500*	28.0
30.0	60.3	50.4	119 400	82 700	174 500*	146 700	218 700*	185 200	244 300*	30.0
32.0	57.8	49.1	108 400	74 400	161 400*	134 000	203 500*	169 800	227 500*	32.0
34.0	55.3	47.7	99 000	67 000	149 900*	122 800	189 900*	156 400	212 600*	34.0
36.0	52.6	46.2	90 800	60 500	139 700*	113 000	177 900*	144 500	199 300*	36.0
38.0	49.9	44.5	83 600	54 700	130 500*	104 200	167 000*	133 900	187 300*	38.0
40.0	47.0	42.6	77 100	49 500	122 300*	96 300	157 300*	124 400	176 600*	40.0
42.0	44.0	40.5	71 400	44 800	114 900*	89 200	148 400*	115 900	166 800*	42.0
44.0	40.9	38.2	66 200	40 500	108 100*	82 700	140 400*	108 100	157 900*	44.0
46.0	37.4	35.6	61 500	36 600	101 900*	76 900	132 900*	101 000	149 800*	46.0
48.0	33.7	32.7	57 200	33 000	96 300*	71 400	125 900*	94 500	142 300*	48.0
50.0	29.5	29.2	53 200	29 700	91 000*	66 400	119 400*	88 400	135 400*	50.0
52.0	24.7	25.0	49 600	26 500	86 200*	61 700	113 500*	82 800	127 300*	52.0
54.0	18.6	19.5	46 200	23 500	81 700*	57 200	107 300*	77 400	117 400*	54.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



54.9m (180 Ft.) Boom

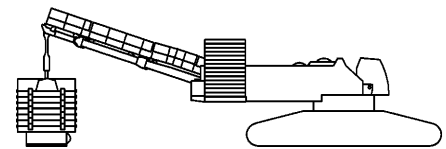
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight	
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms
9.8				
10.0				
12.0				
14.0				
16.0				
18.0				
20.0				
22.0				
24.0				
26.0				
28.0				
30.0				
32.0	57.8	49.1	217 600	259 600*
34.0	55.3	47.7	201 100	242 800*
36.0	52.6	46.2	186 500	227 800*
38.0	49.9	44.5	173 600	214 500*
40.0	47.0	42.6	162 000	202 300*
42.0	44.0	40.5	151 500	191 400*
44.0	40.9	38.2	142 000	181 400*
46.0	37.4	35.6	133 300	172 200*
48.0	33.7	32.7	125 300	162 600*
50.0	29.5	29.2	117 900	151 300*
52.0	24.7	25.0	111 000	140 800*
54.0	18.6	19.5	104 400	130 100*

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



61.0m (200 Ft.) Boom

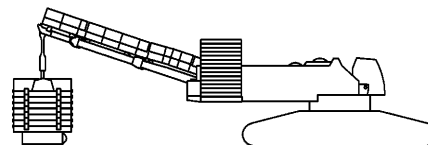
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
11.0	82.5	63.7	385 100*	353 100	512 000*					11.0
12.0	81.5	63.5	351 200*	311 700	467 800*					12.0
14.0	79.6	63.2	298 700*	251 600	399 600*	405 800	489 800*			14.0
16.0	77.7	62.7	256 500*	208 800	347 700*	339 500	426 300*			16.0
18.0	75.7	62.2	223 300*	177 000	307 100*	291 000	377 300*			18.0
20.0	73.8	61.6	197 000*	152 200	274 300*	253 400	337 700*	314 500	376 000*	20.0
22.0	71.8	60.9	175 600*	132 400	247 200*	223 200	305 000*	277 800	339 700*	22.0
24.0	69.8	60.1	157 900*	116 200	224 600*	198 600	277 700*	248 200	309 500*	24.0
26.0	67.7	59.3	142 900*	102 800	205 200*	178 200	254 500*	223 500	283 900*	26.0
28.0	65.7	58.4	130 000	91 300	187 800*	160 900	234 400*	202 600	261 800*	28.0
30.0	63.6	57.4	118 200	81 600	172 800*	146 000	217 000*	184 700	242 600*	30.0
32.0	61.4	56.3	107 200	73 100	159 800*	133 100	201 700*	169 200	225 800*	32.0
34.0	59.2	55.1	97 700	65 600	148 300*	121 900	188 200*	155 700	210 900*	34.0
36.0	57.0	53.8	89 500	59 100	138 000*	111 900	176 100*	143 700	197 600*	36.0
38.0	54.7	52.3	82 200	53 200	128 900*	103 100	165 300*	133 000	185 600*	38.0
40.0	52.3	50.8	75 700	48 000	120 700*	95 100	155 600*	123 500	174 900*	40.0
42.0	49.8	49.1	69 900	43 300	113 200*	88 000	146 700*	114 900	165 100*	42.0
44.0	47.2	47.2	64 700	39 000	106 500*	81 500	138 600*	107 100	156 200*	44.0
46.0	44.6	45.2	60 000	35 100	100 300*	75 600	131 200*	100 000	148 100*	46.0
48.0	41.7	42.9	55 800	31 500	94 600*	70 200	124 300*	93 500	140 600*	48.0
50.0	38.7	40.5	51 800	28 200	89 400*	65 200	117 900*	87 500	133 700*	50.0
52.0	35.5	37.7	48 200	25 100	84 600*	60 600	111 900*	81 900	127 300*	52.0
54.0	32.0	34.5	44 900	22 300	80 200*	56 300	106 500*	76 800	121 400*	54.0
56.0	28.1	30.9	41 800	19 600	76 000*	52 300	101 300*	71 900	115 900*	56.0
58.0	23.6	26.5	38 900	17 000	72 100*	48 500	96 500*	67 400	108 800*	58.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



61.0m (200 Ft.) Boom

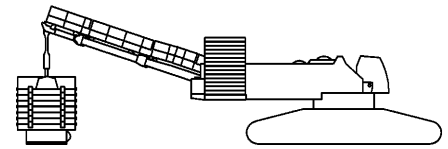
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
11.0							11.0
12.0							12.0
14.0							14.0
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0	61.4	56.3	217 300	257 800*			32.0
34.0	59.2	55.1	200 700	241 100*			34.0
36.0	57.0	53.8	186 000	226 100*			36.0
38.0	54.7	52.3	172 900	212 700*			38.0
40.0	52.3	50.8	161 300	200 700*			40.0
42.0	49.8	49.1	150 700	189 700*	168 700	199 400*	42.0
44.0	47.2	47.2	141 100	179 700*	158 200	188 900*	44.0
46.0	44.6	45.2	132 500	170 500*	148 700	179 400*	46.0
48.0	41.7	42.9	124 500	162 100*	140 000	170 600*	48.0
50.0	38.7	40.5	117 100	154 400*	132 000	162 500*	50.0
52.0	35.5	37.7	110 400	147 200*	124 600	153 300*	52.0
54.0	32.0	34.5	104 100	139 100*	117 700	143 500*	54.0
56.0	28.1	30.9	98 200	129 800*	111 300	134 300*	56.0
58.0	23.6	26.5	92 600	121 100*	105 200	125 300*	58.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



67.1m (220 Ft.) Boom

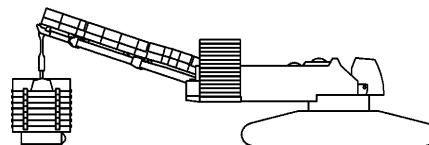
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
11.6	82.6	69.8	362 600*	330 300	483 200*					11.6
12.0	82.3	69.7	349 800*	314 500	466 400*					12.0
14.0	80.6	69.4	297 000*	252 800	397 900*	408 700	488 100*			14.0
16.0	78.8	68.9	255 000*	209 300	346 000*	341 200	424 600*			16.0
18.0	77.1	68.5	221 700*	176 900	305 300*	292 000	375 500*			18.0
20.0	75.3	67.9	195 400*	151 800	272 500*	253 800	336 000*	315 400	374 200*	20.0
22.0	73.5	67.3	174 000*	131 700	245 500*	223 300	303 300*	278 300	337 900*	22.0
24.0	71.7	66.7	156 200*	115 300	222 800*	198 300	275 900*	248 300	307 800*	24.0
26.0	69.9	65.9	141 200*	101 700	203 600*	177 600	252 700*	223 300	282 200*	26.0
28.0	68.0	65.1	128 400*	90 100	186 200*	160 100	232 700*	202 200	260 100*	28.0
30.0	66.2	64.2	116 800	80 200	171 200*	145 100	215 300*	184 100	240 900*	30.0
32.0	64.2	63.2	105 800	71 700	158 100*	132 100	200 000*	168 400	224 000*	32.0
34.0	62.3	62.2	96 300	64 200	146 600*	120 700	186 400*	154 700	209 100*	34.0
36.0	60.3	61.0	88 100	57 600	136 400*	110 700	174 400*	142 600	195 800*	36.0
38.0	58.3	59.7	80 800	51 700	127 200*	101 800	163 600*	131 900	183 900*	38.0
40.0	56.3	58.4	74 300	46 400	119 000*	93 800	153 800*	122 300	173 100*	40.0
42.0	54.2	56.9	68 500	41 600	111 500*	86 600	145 000*	113 600	163 400*	42.0
44.0	52.0	55.4	63 300	37 300	104 800*	80 100	136 900*	105 800	154 500*	44.0
46.0	49.7	53.7	58 600	33 400	98 600*	74 100	129 500*	98 600	146 400*	46.0
48.0	47.4	51.8	54 300	29 800	92 900*	68 700	122 600*	92 100	138 900*	48.0
50.0	45.0	49.8	50 300	26 500	87 800*	63 700	116 200*	86 100	132 000*	50.0
52.0	42.5	47.6	46 700	23 400	82 900*	59 100	110 200*	80 600	125 600*	52.0
54.0	39.8	45.2	43 400	20 600	78 500*	54 900	104 800*	75 500	119 700*	54.0
56.0	37.0	42.6	40 300	17 900	74 300*	50 900	99 700*	70 700	114 200*	56.0
58.0	33.9	39.6	37 400	15 400	70 500*	47 200	95 000*	66 300	109 000*	58.0
60.0	30.6	36.3	34 400*	13 100	66 900*	43 700	90 500*	62 100	104 200*	60.0
62.0	26.9	32.5	31 500*	10 900	63 500*	40 400	86 300*	58 100	99 500*	62.0
64.0	22.6	27.9	28 700*	8 800	60 200*	37 200	82 400*	54 400	93 100*	64.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



67.1m (220 Ft.) Boom

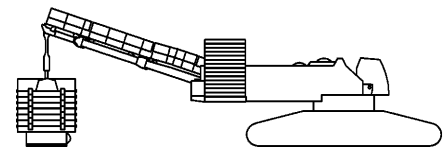
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
11.6							11.6
12.0							12.0
14.0							14.0
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0	64.2	63.2	216 900	256 000*			30.0
32.0	62.3	62.2	200 100	239 300*			32.0
34.0	60.3	61.0	185 200	224 300*			34.0
36.0	58.3	59.7	172 100	211 000*			36.0
38.0							38.0
40.0	56.3	58.4	160 300	198 900*			40.0
42.0	54.2	56.9	149 700	187 900*			42.0
44.0	52.0	55.4	140 100	177 900*	157 300	187 200*	44.0
46.0	49.7	53.7	131 400	168 800*	147 700	177 600*	46.0
48.0	47.4	51.8	123 300	160 400*	139 000	168 900*	48.0
50.0	45.0	49.8	116 000	152 700*	131 000	160 800*	50.0
52.0	42.5	47.6	109 300	145 500*	123 600	153 300*	52.0
54.0	39.8	45.2	103 000	138 800*	116 700	146 400*	54.0
56.0	37.0	42.6	97 100	132 600*	110 300	139 700*	56.0
58.0	33.9	39.6	91 700	126 800*	104 400	131 500*	58.0
60.0	30.6	36.3	86 600	119 300*	98 800	123 500*	60.0
62.0	26.9	32.5	81 800	111 800*	93 600	115 700*	62.0
64.0	22.6	27.9	77 200	104 400*	88 600	108 200*	64.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom

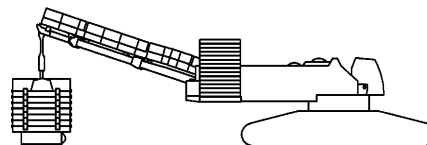
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
12.2	82.8	75.8	342 800*	310 300	457 700*					12.2
14.0	81.4	75.6	296 100*	254 800	396 800*					14.0
16.0	79.8	75.2	254 200*	210 600	345 000*	345 100	424 700*			16.0
18.0	78.2	74.7	220 900*	177 800	304 400*	293 700	374 500*			18.0
20.0	76.5	74.3	194 600*	152 300	271 500*	255 100	335 000*			20.0
22.0	74.9	73.7	173 100*	131 900	244 500*	224 100	302 300*	280 100	337 400*	22.0
24.0	73.3	73.1	155 400*	115 400	221 900*	198 900	274 900*	249 200	306 800*	24.0
26.0	71.6	72.4	140 400*	101 600	202 600*	178 000	251 700*	224 000	281 200*	26.0
28.0	70.0	71.7	127 600*	89 900	185 300*	160 300	231 700*	202 600	259 100*	28.0
30.0	68.3	70.9	116 100	79 900	170 300*	145 200	214 300*	184 400	239 900*	30.0
32.0	66.6	70.0	105 200	71 300	157 200*	132 100	199 000*	168 600	223 100*	32.0
34.0	64.8	69.0	95 700	63 700	145 700*	120 600	185 500*	154 800	208 100*	34.0
36.0	63.1	68.0	87 400	57 000	135 400*	110 500	173 400*	142 600	194 800*	36.0
38.0	61.3	66.9	80 100	51 100	126 300*	101 500	162 600*	131 800	182 900*	38.0
40.0	59.4	65.7	73 600	45 800	118 100*	93 400	152 900*	122 100	172 200*	40.0
42.0	57.6	64.4	67 800	41 000	110 600*	86 200	144 000*	113 400	162 400*	42.0
44.0	55.7	63.0	62 600	36 600	103 900*	79 600	136 000*	105 500	153 500*	44.0
46.0	53.7	61.6	57 800	32 700	97 700*	73 700	128 600*	98 300	145 400*	46.0
48.0	51.7	60.0	53 500	29 100	92 100*	68 200	121 700*	91 800	137 900*	48.0
50.0	49.7	58.3	49 600	25 700	86 900*	63 200	115 300*	85 700	131 000*	50.0
52.0	47.5	56.4	46 000	22 700	82 100*	58 600	109 400*	80 200	124 700*	52.0
54.0	45.3	54.5	42 700	19 800	77 600*	54 300	103 900*	75 100	118 800*	54.0
56.0	43.0	52.3	39 600	17 200	73 500*	50 400	98 800*	70 300	113 300*	56.0
58.0	40.6	50.0	36 700	14 700	69 600*	46 700	94 100*	65 900	108 100*	58.0
60.0	38.1	47.4	33 700*	12 400	66 000*	43 200	89 700*	61 700	103 400*	60.0
62.0	35.4	44.6	30 800*	10 300	62 700*	40 000	85 500*	57 800	98 800*	62.0
64.0	32.5	41.5	28 200*	8 200	59 500*	36 900	81 600*	54 200	94 600*	64.0
66.0	29.4	38.0	25 600*	6 300	56 500*	34 000	77 900*	50 700	90 600*	66.0
68.0	25.9	34.0	23 200*	4 400	53 400*	31 300	74 500*	47 400	86 400*	68.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



73.2m (240 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
12.2							12.2
14.0							14.0
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0	66.5	70.0	217 300	255 100*			32.0
34.0	64.8	69.0	200 400	238 300*			34.0
36.0	63.1	68.0	185 500	223 400*			36.0
38.0	61.3	66.9	172 200	210 000*			38.0
40.0	59.4	65.7	160 300	197 900*			40.0
42.0	57.6	64.4	149 600	187 000*			42.0
44.0	55.7	63.0	140 000	177 000*			44.0
46.0	53.7	61.6	131 200	167 800*	147 600	176 700*	46.0
48.0	51.7	60.0	123 100	159 400*	138 900	167 900*	48.0
50.0	49.7	58.3	115 800	151 700*	130 800	159 900*	50.0
52.0	47.5	56.4	109 000	144 600*	123 400	152 400*	52.0
54.0	45.3	54.5	102 700	137 900*	116 500	145 500*	54.0
56.0	43.0	52.3	96 900	131 800*	110 200	139 000*	56.0
58.0	40.6	50.0	91 500	126 000*	104 300	133 000*	58.0
60.0	38.1	47.4	86 400	120 600*	98 800	127 400*	60.0
62.0	35.4	44.6	81 700	115 600*	93 600	121 400*	62.0
64.0	32.5	41.5	77 200	110 300*	88 700	114 400*	64.0
66.0	29.4	38.0	73 000	103 700*	84 100	107 600*	66.0
68.0	25.9	34.0	69 000	97 300*	79 700	100 900*	68.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

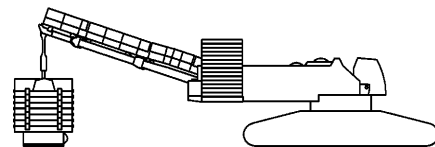
145 150 kg Carbody Counterweight

 0 kg thru 391 810 kg Hanging Counterweight
at 18m Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom

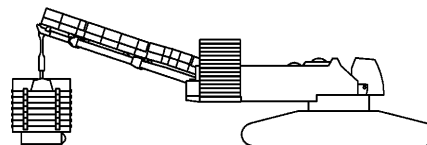
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
13.7	82.2	81.8	301 000*	263 500	403 600*					13.7
14.0	82.0	81.7	294 800*	256 600	395 800*					14.0
16.0	80.6	81.4	252 600*	210 800	343 100*					16.0
18.0	79.1	81.0	219 200*	177 400	302 500*	294 900	373 200*			18.0
20.0	77.6	80.5	192 900*	151 600	269 700*	255 100	333 100*			20.0
22.0	76.1	80.0	171 400*	131 000	242 600*	223 800	300 400*	280 100	335 500*	22.0
24.0	74.6	79.5	153 600*	114 200	220 000*	198 300	273 100*	248 900	304 900*	24.0
26.0	73.1	78.8	138 700*	100 300	200 700*	177 200	249 800*	223 400	279 300*	26.0
28.0	71.6	78.2	125 800*	88 500	183 600*	159 300	229 800*	201 900	257 200*	28.0
30.0	70.0	77.4	114 600	78 400	168 500*	144 000	212 400*	183 400	238 000*	30.0
32.0	68.5	76.6	103 800	69 600	155 500*	130 800	197 200*	167 500	221 200*	32.0
34.0	66.9	75.8	94 300	62 000	143 900*	119 200	183 600*	153 600	206 300*	34.0
36.0	65.3	74.8	85 900	55 300	133 700*	109 000	171 600*	141 300	193 000*	36.0
38.0	63.7	73.8	78 600	49 300	124 500*	99 900	160 800*	130 400	181 100*	38.0
40.0	62.0	72.8	72 100	43 900	116 300*	91 800	151 000*	120 700	170 300*	40.0
42.0	60.4	71.6	66 300	39 100	108 900*	84 600	142 200*	111 900	160 600*	42.0
44.0	58.7	70.4	61 000	34 700	102 100*	78 000	134 100*	104 000	151 700*	44.0
46.0	56.9	69.1	56 300	30 800	96 000*	72 000	126 700*	96 700	143 500*	46.0
48.0	55.2	67.7	52 000	27 100	90 300*	66 500	119 900*	90 100	136 100*	48.0
50.0	53.4	66.2	48 000	23 800	85 100*	61 500	113 500*	84 100	129 200*	50.0
52.0	51.5	64.6	44 400	20 700	80 300*	56 800	107 600*	78 500	122 900*	52.0
54.0	49.6	62.9	41 100	17 900	75 900*	52 500	102 200*	73 400	117 000*	54.0
56.0	47.7	61.0	37 900	15 200	71 700*	48 600	97 100*	68 600	111 500*	56.0
58.0	45.6	59.1	34 700*	12 800	67 900*	44 900	92 300*	64 200	106 300*	58.0
60.0	43.5	57.0	31 700*	10 500	64 300*	41 400	87 900*	60 000	101 600*	60.0
62.0	41.4	54.7	28 900*	8 300	60 900*	38 200	83 800*	56 200	97 100*	62.0
64.0	39.1	52.2	26 200*	6 300	57 800*	35 200	79 900*	52 500	92 900*	64.0
66.0	36.6	49.6	23 700*	4 400	54 800*	32 300	76 200*	49 100	88 900*	66.0
68.0	34.1	46.6	21 300*	2 500	51 700*	29 600	72 800*	45 800	85 100*	68.0
72.0	28.3	39.7	16 900*		45 400*	24 600	66 500*	39 900	78 100*	72.0
76.0	21.1	30.6	12 800*		39 700*	20 000	60 700*	34 400	68 500*	76.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



79.2m (260 Ft.) Boom

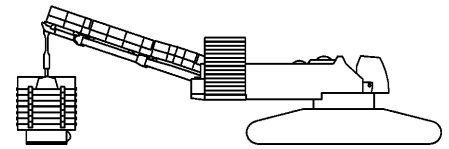
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
13.7							13.7
14.0							14.0
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0	66.9	75.8	199 600	236 600*			32.0
34.0	65.3	74.8	184 400	221 500*			34.0
36.0	63.7	73.8	171 000	208 100*			36.0
38.0	62.0	72.8	159 100	196 100*			38.0
40.0							40.0
42.0	60.4	71.6	148 300	185 100*			42.0
44.0	58.7	70.4	138 600	175 100*			44.0
46.0	56.9	69.1	129 800	166 000*	146 300	174 800*	46.0
48.0	55.2	67.7	121 700	157 600*	137 500	166 100*	48.0
50.0	53.4	66.2	114 300	149 900*	129 400	158 000*	50.0
52.0	51.5	64.6	107 500	142 700*	121 900	150 600*	52.0
54.0	49.6	62.9	101 200	136 100*	115 100	143 700*	54.0
56.0	47.7	61.0	95 300	130 000*	108 700	137 200*	56.0
58.0	45.6	59.1	89 900	124 200*	102 800	131 200*	58.0
60.0	43.5	57.0	84 800	118 800*	97 300	125 600*	60.0
62.0	41.4	54.7	80 100	113 800*	92 100	120 400*	62.0
64.0	39.1	52.2	75 700	109 100*	87 200	115 400*	64.0
66.0	36.6	49.6	71 500	104 600*	82 700	110 600*	66.0
68.0	34.1	46.6	67 500	100 300*	78 400	104 700*	68.0
72.0	28.3	39.7	60 200	89 200*	70 400	92 700*	72.0
76.0	21.1	30.6	53 500	78 100*	63 100	81 400*	76.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



85.3m (280 Ft.) Boom

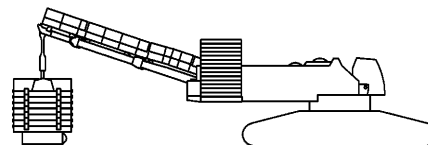
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
13.7	82.8	87.9	299 800*	265 100	344 400*					13.7
14.0	82.6	87.9	293 600*	258 100	344 400*					14.0
16.0	81.2	87.6	251 600*	211 600	334 900*					16.0
18.0	79.9	87.2	218 100*	177 800	302 500*					18.0
20.0	78.5	86.8	191 800*	151 700	268 500*	255 900	333 100*			20.0
22.0	77.1	86.3	170 300*	130 800	241 500*	224 200	299 200*	280 900	333 900*	22.0
24.0	75.7	85.8	152 500*	113 900	218 800*	198 500	271 900*	249 400	303 800*	24.0
26.0	74.3	85.2	137 600*	99 800	199 600*	177 100	248 700*	223 700	278 100*	26.0
28.0	72.9	84.6	124 700*	87 900	182 500*	159 100	228 600*	201 900	256 100*	28.0
30.0	71.5	83.9	113 600	77 700	167 400*	143 700	211 200*	183 300	236 900*	30.0
32.0	70.1	83.2	102 900	68 900	154 400*	130 300	196 000*	167 300	220 000*	32.0
34.0	68.6	82.4	93 400	61 200	142 800*	118 700	182 500*	153 200	205 100*	34.0
36.0	67.2	81.5	85 100	54 400	132 600*	108 400	170 400*	140 900	191 800*	36.0
38.0	65.7	80.6	77 700	48 400	123 400*	99 300	159 600*	129 900	179 900*	38.0
40.0	64.2	79.7	71 200	43 000	115 200*	91 100	149 900*	120 100	169 200*	40.0
42.0	62.7	78.6	65 400	38 100	107 800*	83 800	141 000*	111 200	159 400*	42.0
44.0	61.2	77.5	60 100	33 700	101 000*	77 200	133 000*	103 300	150 500*	44.0
46.0	59.6	76.3	55 400	29 700	94 900*	71 100	125 600*	96 000	142 400*	46.0
48.0	58.0	75.1	51 100	26 100	89 200*	65 600	118 800*	89 400	135 000*	48.0
50.0	56.4	73.7	47 100	22 700	84 000*	60 600	112 400*	83 300	128 100*	50.0
52.0	54.7	72.3	43 500	19 600	79 200*	55 900	106 500*	77 700	121 700*	52.0
54.0	53.1	70.8	40 100	16 800	74 800*	51 600	101 100*	72 500	115 900*	54.0
56.0	51.3	69.2	36 900	14 100	70 700*	47 600	96 000*	67 800	110 400*	56.0
58.0	49.6	67.5	33 600*	11 700	66 800*	43 900	91 300*	63 300	105 200*	58.0
60.0	47.8	65.6	30 600*	9 300	63 200*	40 500	86 900*	59 200	100 500*	60.0
62.0	45.9	63.7	27 700*	7 200	59 900*	37 300	82 700*	55 300	96 000*	62.0
64.0	44.0	61.6	25 100*	5 200	56 700*	34 200	78 800*	51 700	91 800*	64.0
66.0	41.9	59.4	22 600*	3 300	53 700*	31 400	75 200*	48 200	87 800*	66.0
68.0	39.9	57.0	20 200*	1 500	50 700*	28 700	71 800*	45 000	84 100*	68.0
72.0	35.3	51.6	15 800*		44 500*	23 700	65 500*	39 100	77 200*	72.0
76.0	30.2	45.2	11 900*		39 000*	19 300	59 800*	33 700	71 000*	76.0
80.0	24.2	37.0	8 300*		33 900*	15 100	54 700*	28 800	63 200*	80.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



85.3m (280 Ft.) Boom

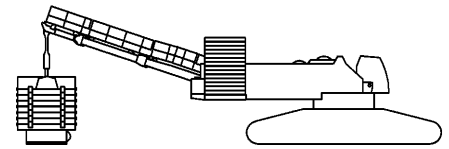
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
13.7							13.7
14.0							14.0
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0	68.6	82.4	199 400	235 500*			32.0
34.0	67.2	81.5	184 100	220 400*			34.0
36.0	65.7	80.6	170 700	207 000*			36.0
38.0	64.2	79.7	158 700	194 900*			38.0
40.0							40.0
42.0	62.7	78.6	147 800	184 000*			42.0
44.0	61.2	77.5	138 100	174 000*			44.0
46.0	59.6	76.3	129 200	164 900*	145 800	173 700*	46.0
48.0	58.0	75.1	121 100	156 500*	136 900	165 000*	48.0
50.0	56.4	73.7	113 700	148 800*	128 800	156 900*	50.0
52.0	54.7	72.3	106 800	141 600*	121 300	149 400*	52.0
54.0	53.1	70.8	100 500	135 000*	114 400	142 600*	54.0
56.0	51.3	69.2	94 600	128 800*	108 000	136 100*	56.0
58.0	49.6	67.5	89 200	123 100*	102 100	130 100*	58.0
60.0	47.8	65.6	84 100	117 700*	96 600	124 500*	60.0
62.0	45.9	63.7	79 300	112 700*	91 400	119 300*	62.0
64.0	44.0	61.6	74 900	108 000*	86 600	114 300*	64.0
66.0	41.9	59.4	70 800	103 500*	82 000	109 700*	66.0
68.0	39.9	57.0	66 800	99 300*	77 700	105 300*	68.0
72.0	35.3	51.6	59 600	91 600*	69 800	96 400*	72.0
76.0	30.2	45.2	53 100	82 300*	62 700	85 600*	76.0
80.0	24.2	37.0	47 100	72 500*	56 200	75 700*	80.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



91.4m (300 Ft.) Boom

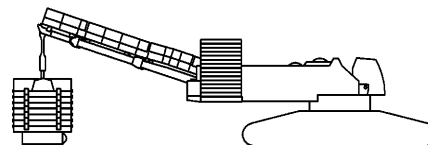
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
15.2	82.3	93.9	264 800*	227 600	297 100*					15.2
16.0	81.8	93.8	250 400*	212 500	297 100*					16.0
18.0	80.6	93.4	216 400*	177 300	294 800*					18.0
20.0	79.3	93.0	190 100*	150 800	266 600*					20.0
22.0	78.0	92.6	168 600*	129 700	239 600*	224 100	291 800*			22.0
24.0	76.7	92.1	150 700*	112 600	216 900*	197 700	271 000*			24.0
26.0	75.4	91.6	135 700*	98 300	197 700*	176 100	246 800*	222 900	276 200*	26.0
28.0	74.1	91.0	122 900*	86 300	180 700*	157 900	226 700*	200 900	254 200*	28.0
30.0	72.8	90.4	111 800*	76 000	165 600*	142 300	209 300*	182 200	235 000*	30.0
32.0	71.5	89.7	101 400	67 100	152 600*	128 900	194 100*	166 000	218 100*	32.0
34.0	70.1	88.9	91 900	59 400	141 000*	117 100	180 600*	151 900	203 200*	34.0
36.0	68.8	88.2	83 500	52 500	130 800*	106 800	168 500*	139 400	189 900*	36.0
38.0	67.4	87.3	76 200	46 500	121 600*	97 600	157 700*	128 300	178 000*	38.0
40.0	66.1	86.4	69 600	41 000	113 400*	89 400	148 000*	118 500	167 300*	40.0
42.0	64.7	85.5	63 800	36 100	105 900*	82 000	139 100*	109 600	157 500*	42.0
44.0	63.3	84.4	58 500	31 700	99 200*	75 300	131 100*	101 600	148 600*	44.0
46.0	61.8	83.4	53 700	27 700	93 100*	69 300	123 700*	94 300	140 600*	46.0
48.0	60.4	82.2	49 400	24 000	87 400*	63 700	116 900*	87 600	133 100*	48.0
50.0	58.9	81.0	45 400	20 600	82 200*	58 700	110 600*	81 500	126 200*	50.0
52.0	57.4	79.7	41 800	17 500	77 400*	54 000	104 700*	75 900	119 900*	52.0
54.0	55.9	78.4	38 200*	14 700	72 900*	49 700	99 300*	70 700	113 900*	54.0
56.0	54.4	76.9	34 700*	12 000	68 800*	45 600	94 200*	65 900	108 500*	56.0
58.0	52.8	75.4	31 500*	9 600	65 000*	41 900	89 500*	61 400	103 400*	58.0
60.0	51.2	73.8	28 500*	7 200	61 400*	38 500	85 000*	57 300	98 600*	60.0
62.0	49.5	72.1	25 600*	5 100	58 100*	35 200	80 900*	53 400	94 100*	62.0
64.0	47.8	70.2	23 000*	3 000	54 900*	32 200	77 000*	49 700	89 900*	64.0
66.0	46.1	68.3	20 400*	1 100	51 900*	29 400	73 400*	46 300	86 000*	66.0
68.0	44.3	66.3	18 100*		48 600*	26 600	70 000*	43 100	82 200*	68.0
72.0	40.5	61.7	13 700*		42 500*	21 700	63 700*	37 200	75 400*	72.0
76.0	36.4	56.5	9 800*		37 000*	17 300	58 000*	31 900	69 200*	76.0
80.0	31.8	50.4			32 000*	13 300	52 900*	27 100	63 500*	80.0
84.0	26.5	43.0			27 400*	9 500	48 300*	22 600	56 900*	84.0
88.0	19.9	33.2			23 100*	6 100	42 900*	18 500	49 000*	88.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



91.4m (300 Ft.) Boom

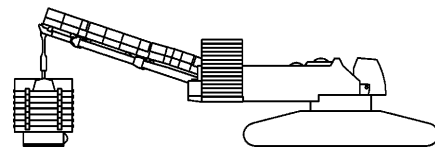
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
15.2							15.2
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0	68.8	88.2	183 000	218 600*			34.0
36.0	67.4	87.3	169 400	205 100*			36.0
38.0	66.1	86.4	157 300	193 000*			38.0
40.0	64.7	85.5	146 400	182 100*			40.0
42.0							42.0
44.0	63.3	84.4	136 500	172 100*			44.0
46.0	61.8	83.4	127 600	163 000*	144 200	171 800*	46.0
48.0	60.4	82.2	119 400	154 600*	135 300	163 100*	48.0
50.0	58.9	81.0	111 900	146 900*	127 200	155 000*	50.0
52.0	57.4	79.7	105 100	139 700*	119 700	147 600*	52.0
54.0	55.9	78.4	98 700	133 100*	112 700	140 700*	54.0
56.0	54.4	76.9	92 800	127 000*	106 300	134 200*	56.0
58.0	52.8	75.4	87 400	121 200*	100 400	128 200*	58.0
60.0	51.2	73.8	82 300	115 900*	94 800	122 700*	60.0
62.0	49.5	72.1	77 500	110 800*	89 700	117 400*	62.0
64.0	47.8	70.2	73 100	106 100*	84 800	112 500*	64.0
66.0	46.1	68.3	68 900	101 700*	80 200	107 800*	66.0
68.0	44.3	66.3	65 000	97 500*	75 900	103 500*	68.0
72.0	40.5	61.7	57 800	89 800*	68 100	95 400*	72.0
76.0	36.4	56.5	51 300	82 800*	61 000	87 500*	76.0
80.0	31.8	50.4	45 400	74 700*	54 600	77 900*	80.0
84.0	26.5	43.0	40 000	65 900*	48 800	68 900*	84.0
88.0	19.9	33.2	35 000	57 300*	43 300	60 200*	88.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



97.5m (320 Ft.) Boom

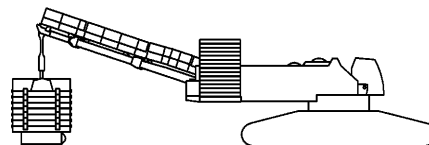
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
15.2	82.8	100.0	255 000*							15.2
16.0	82.3	99.9	245 600*							16.0
18.0	81.2	99.6	217 300*	179 600	255 000*					18.0
20.0	80.0	99.2	190 200*	152 400	254 100*					20.0
22.0	78.8	98.8	168 700*	131 100	241 400*					22.0
24.0	77.6	98.4	150 900*	113 800	217 000*	199 600	255 000*			24.0
26.0	76.3	97.9	135 900*	99 400	197 700*	177 600	247 100*			26.0
28.0	75.1	97.3	123 100*	87 300	180 900*	159 200	226 800*	202 700	251 200*	28.0
30.0	73.9	96.8	112 000*	76 900	165 800*	143 600	209 400*	183 600	235 600*	30.0
32.0	72.7	96.1	101 800	68 000	152 700*	130 000	194 200*	167 300	218 200*	32.0
34.0	71.4	95.4	92 200	60 200	141 200*	118 200	180 700*	153 100	203 300*	34.0
36.0	70.2	94.7	83 900	53 300	130 900*	107 800	168 600*	140 500	190 000*	36.0
38.0	68.9	93.9	76 500	47 100	121 800*	98 500	157 800*	129 400	178 100*	38.0
40.0	67.6	93.1	69 900	41 700	113 500*	90 300	148 100*	119 400	167 400*	40.0
42.0	66.4	92.2	64 100	36 800	106 100*	82 800	139 300*	110 500	157 700*	42.0
44.0	65.1	91.3	58 800	32 300	99 400*	76 100	131 200*	102 500	148 800*	44.0
46.0	63.8	90.3	54 100	28 300	93 200*	70 000	123 800*	95 100	140 700*	46.0
48.0	62.4	89.2	49 700	24 600	87 600*	64 500	117 100*	88 400	133 200*	48.0
50.0	61.1	88.1	45 800	21 200	82 400*	59 400	110 800*	82 300	126 400*	50.0
52.0	59.7	86.9	42 100	18 100	77 600*	54 700	104 900*	76 600	120 000*	52.0
54.0	58.3	85.7	38 700	15 200	73 100*	50 400	99 400*	71 500	114 100*	54.0
56.0	56.9	84.4	35 300*	12 600	69 000*	46 300	94 400*	66 700	108 700*	56.0
58.0	55.5	83.0	32 000*	10 100	65 200*	42 600	89 700*	62 200	103 600*	58.0
60.0	54.0	81.5	29 000*	7 800	61 600*	39 100	85 200*	58 000	98 800*	60.0
62.0	52.6	80.0	26 100*	5 600	58 200*	35 900	81 100*	54 100	94 300*	62.0
64.0	51.0	78.4	23 500*	3 600	55 100*	32 800	77 300*	50 400	90 100*	64.0
66.0	49.5	76.7	21 000*	1 700	52 200*	30 000	73 600*	47 000	86 100*	66.0
68.0	47.9	74.8	18 600*		49 200*	27 300	70 200*	43 800	82 400*	68.0
72.0	44.6	70.9	14 300*		43 100*	22 400	63 900*	37 900	75 600*	72.0
76.0	41.1	66.5	10 400*		37 600*	18 000	58 300*	32 600	69 400*	76.0
80.0	37.3	61.4			32 700*	14 000	53 200*	27 800	63 800*	80.0
84.0	33.2	55.5			28 200*	10 300	48 600*	23 500	58 700*	84.0
88.0	28.4	48.6			24 000*	7 000	44 400*	19 500	53 500*	88.0
92.0	22.8	39.9			20 100*	3 800	39 900*	15 700	46 400*	92.0
96.0	15.3	27.7			16 500*	800	33 600*	12 200	39 200*	96.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



97.5m (320 Ft.) Boom

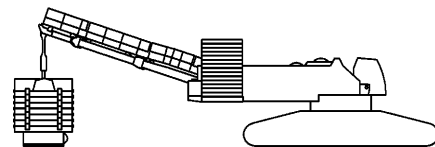
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
15.2							15.2
16.0							16.0
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0	70.2	94.7	184 300	218 700*			34.0
36.0	68.9	93.9	170 600	205 200*			36.0
38.0	67.6	93.1	158 400	193 100*			38.0
40.0	66.4	92.2	147 500	182 200*			40.0
42.0							42.0
44.0	65.1	91.3	137 600	172 200*			44.0
46.0	63.8	90.3	128 600	163 100*	145 400	172 000*	46.0
48.0	62.4	89.2	120 400	154 700*	136 400	163 200*	48.0
50.0	61.1	88.1	112 900	147 000*	128 200	155 200*	50.0
52.0	59.7	86.9	106 000	139 900*	120 700	147 700*	52.0
54.0	58.3	85.7	99 600	133 300*	113 700	140 800*	54.0
56.0	56.9	84.4	93 700	127 100*	107 200	134 400*	56.0
58.0	55.5	83.0	88 200	121 400*	101 300	128 400*	58.0
60.0	54.0	81.5	83 100	116 000*	95 700	122 800*	60.0
62.0	52.6	80.0	78 400	111 000*	90 500	117 600*	62.0
64.0	51.0	78.4	73 900	106 300*	85 700	112 600*	64.0
66.0	49.5	76.7	69 700	101 900*	81 100	108 000*	66.0
68.0	47.9	74.8	65 800	97 700*	76 800	103 700*	68.0
72.0	44.6	70.9	58 600	90 000*	68 900	95 700*	72.0
76.0	41.1	66.5	52 100	83 100*	61 900	88 500*	76.0
80.0	37.3	61.4	46 300	76 800*	55 500	81 800*	80.0
84.0	33.2	55.5	41 000	70 100*	49 700	73 200*	84.0
88.0	28.4	48.6	36 100	62 100*	44 400	65 100*	88.0
92.0	22.8	39.9	31 600	54 500*	39 500	57 300*	92.0
96.0	15.3	27.7	27 300	46 700*	34 800	49 300*	96.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



103.6m (340 Ft.) Boom

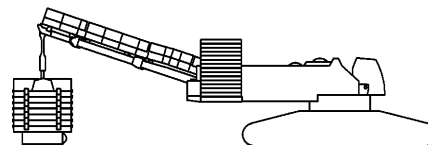
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Hanging Counterweight	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
16.8	82.4	106.0	223 100*							16.8
18.0	81.7	105.8	213 000*							18.0
20.0	80.6	105.4	188 400*	151 400	223 100*					20.0
22.0	79.4	105.1	166 900*	129 900	223 100*					22.0
24.0	78.3	104.6	149 100*	112 400	214 100*					24.0
26.0	77.2	104.2	134 100*	97 900	195 800*	176 600	223 100*			26.0
28.0	76.0	103.7	121 300*	85 600	179 100*	158 000	220 600*			28.0
30.0	74.9	103.1	110 100*	75 200	163 900*	142 200	208 300*			30.0
32.0	73.7	102.5	100 300	66 100	150 900*	128 500	192 300*	166 000	216 300*	32.0
34.0	72.6	101.9	90 700	58 300	139 300*	116 600	178 700*	151 600	201 400*	34.0
36.0	71.4	101.2	82 300	51 300	129 100*	106 100	166 700*	139 000	188 100*	36.0
38.0	70.2	100.5	74 900	45 200	119 900*	96 800	155 900*	127 800	176 200*	38.0
40.0	69.0	99.7	68 400	39 700	111 700*	88 400	146 100*	117 800	165 500*	40.0
42.0	67.8	98.9	62 500	34 700	104 300*	81 000	137 300*	108 800	155 700*	42.0
44.0	66.6	98.0	57 200	30 300	97 500*	74 200	129 300*	100 700	146 900*	44.0
46.0	65.4	97.1	52 400	26 200	91 400*	68 100	121 900*	93 300	138 700*	46.0
48.0	64.2	96.1	48 100	22 500	85 700*	62 500	115 200*	86 600	131 300*	48.0
50.0	62.9	95.1	44 100	19 100	80 500*	57 400	108 900*	80 400	124 500*	50.0
52.0	61.7	94.0	40 300*	16 000	75 700*	52 600	103 100*	74 700	118 100*	52.0
54.0	60.4	92.8	36 500*	13 100	71 300*	48 300	97 600*	69 500	112 200*	54.0
56.0	59.1	91.6	33 000*	10 400	67 200*	44 300	92 500*	64 700	106 700*	56.0
58.0	57.8	90.4	29 700*	7 900	63 300*	40 500	87 800*	60 200	101 700*	58.0
60.0	56.5	89.0	26 700*	5 600	59 800*	37 100	83 400*	56 000	96 900*	60.0
62.0	55.1	87.6	23 900*	3 400	56 400*	33 800	79 300*	52 100	92 400*	62.0
64.0	53.8	86.2	21 200*	1 400	53 300*	30 800	75 400*	48 400	88 200*	64.0
66.0	52.4	84.6	18 700*		50 300*	27 900	71 800*	45 000	84 300*	66.0
68.0	50.9	83.0	16 400*		47 100*	25 200	68 300*	41 800	80 500*	68.0
72.0	48.0	79.4	12 000*		41 000*	20 300	62 100*	35 800	73 700*	72.0
76.0	44.9	75.5	8 200*		35 500*	15 900	56 500*	30 500	67 600*	76.0
80.0	41.6	71.2			30 500*	11 900	51 400*	25 800	62 000*	80.0
84.0	38.1	66.2			26 100*	8 200	46 800*	21 400	56 900*	84.0
88.0	34.3	60.6			21 900*	4 900	42 600*	17 500	52 200*	88.0
92.0	30.0	54.0			18 200*	1 900	38 000*	13 800	47 500*	92.0
96.0	25.1	46.1			14 600*		33 600*	10 400	41 000*	96.0
100.0	19.0	35.8			11 300*		29 200*	7 200	34 700*	100.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



103.6m (340 Ft.) Boom

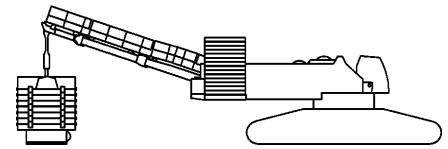
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
16.8							16.8
18.0							18.0
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0							34.0
36.0							36.0
38.0							38.0
40.0	69.0	99.7	156 900	191 300*			40.0
42.0	67.8	98.9	145 900	180 300*			42.0
44.0	66.6	98.0	135 900	170 300*			44.0
46.0	65.4	97.1	126 900	161 200*	143 700	170 100*	46.0
48.0	64.2	96.1	118 600	152 800*	134 700	161 300*	48.0
50.0	62.9	95.1	111 100	145 100*	126 500	153 200*	50.0
52.0	61.7	94.0	104 200	138 000*	118 900	145 800*	52.0
54.0	60.4	92.8	97 800	131 400*	111 900	138 900*	54.0
56.0	59.1	91.6	91 800	125 200*	105 400	132 500*	56.0
58.0	57.8	90.4	86 400	119 500*	99 400	126 500*	58.0
60.0	56.5	89.0	81 200	114 100*	93 800	120 900*	60.0
62.0	55.1	87.6	76 400	109 100*	88 600	115 700*	62.0
64.0	53.8	86.2	72 000	104 400*	83 700	110 800*	64.0
66.0	52.4	84.6	67 800	100 000*	79 100	106 200*	66.0
68.0	50.9	83.0	63 800	95 800*	74 800	101 800*	68.0
72.0	48.0	79.4	56 600	88 100*	67 000	93 800*	72.0
76.0	44.9	75.5	50 100	81 200*	59 900	86 600*	76.0
80.0	41.6	71.2	44 300	75 000*	53 600	80 100*	80.0
84.0	38.1	66.2	39 000	69 300*	47 800	74 200*	84.0
88.0	34.3	60.6	34 200	63 100*	42 600	66 100*	88.0
92.0	30.0	54.0	29 800	55 800*	37 800	58 600*	92.0
96.0	25.1	46.1	25 600	48 900*	33 300	51 500*	96.0
100.0	19.0	35.8	21 700	42 100*	29 000	44 600*	100.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



109.7m (360 Ft.) Boom

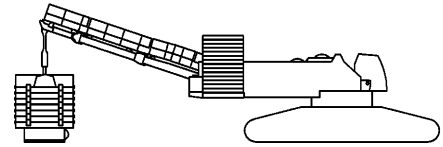
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
19.8	81.2	111.7	153 400	195 200*					19.8
20.0	81.1	111.6	151 200	195 200*					20.0
22.0	80.0	111.3	129 300	195 200*					22.0
24.0	79.0	110.9	111 600	195 200*					24.0
26.0	77.9	110.4	97 000	194 400*					26.0
28.0	76.8	110.0	84 600	177 700*	157 500	195 200*			28.0
30.0	75.7	109.4	74 100	162 600*	141 400	195 200*			30.0
32.0	74.7	108.9	65 000	149 600*	127 600	190 800*	165 200	195 200*	32.0
34.0	73.6	108.3	57 000	138 000*	115 600	177 300*	150 800	194 500*	34.0
36.0	72.5	107.6	50 100	127 800*	105 000	165 300*	138 100	187 700*	36.0
38.0	71.4	107.0	43 900	118 600*	95 700	154 500*	126 800	174 800*	38.0
40.0	70.3	106.2	38 300	110 400*	87 300	144 800*	116 800	164 100*	40.0
42.0	69.1	105.5	33 400	103 000*	79 800	135 900*	107 700	154 400*	42.0
44.0	68.0	104.6	28 900	96 200*	73 000	127 900*	99 500	145 500*	44.0
46.0	66.9	103.8	24 800	90 100*	66 800	120 600*	92 100	137 400*	46.0
48.0	65.7	102.9	21 000	84 400*	61 200	113 800*	85 400	129 900*	48.0
50.0	64.6	101.9	17 600	79 200*	56 100	107 600*	79 200	123 100*	50.0
52.0	63.4	100.9	14 500	74 400*	51 300	101 700*	73 500	116 700*	52.0
54.0	62.2	99.8	11 600	70 000*	46 900	96 300*	68 200	110 900*	54.0
56.0	61.0	98.7	8 900	65 900*	42 900	91 200*	63 400	105 400*	56.0
58.0	59.8	97.6	6 400	62 000*	39 200	86 500*	58 900	100 300*	58.0
60.0	58.6	96.3	4 100	58 500*	35 700	82 100*	54 600	95 500*	60.0
62.0	57.3	95.0	1 900	55 100*	32 400	78 000*	50 700	91 100*	62.0
64.0	56.1	93.7		52 000*	29 400	74 100*	47 000	86 900*	64.0
66.0	54.8	92.3		49 000*	26 500	70 500*	43 600	82 900*	66.0
68.0	53.5	90.8		45 600*	23 800	67 100*	40 400	79 200*	68.0
72.0	50.8	87.6		39 500*	18 800	60 800*	34 400	72 400*	72.0
76.0	48.0	84.1		34 000*	14 400	55 200*	29 200	66 200*	76.0
80.0	45.1	80.2		29 100*	10 400	50 100*	24 400	60 700*	80.0
84.0	42.1	75.8		24 600*	6 800	45 500*	20 100	55 600*	84.0
88.0	38.8	71.0		20 500*	3 500	41 300*	16 100	51 000*	88.0
92.0	35.2	65.6		16 800*		36 600*	12 500	46 700*	92.0
96.0	31.4	59.3		13 300*		32 300*	9 200	42 300*	96.0
100.0	27.0	51.9		10 100*		28 300*	6 000	36 400*	100.0
104.0	21.7	42.7				24 500*	3 100	30 700*	104.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



109.7m (360 Ft.) Boom

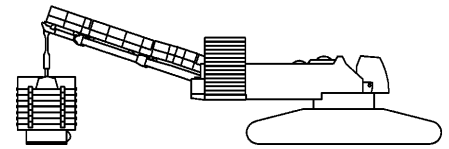
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
19.8							19.8
20.0							20.0
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0							34.0
36.0							36.0
38.0							38.0
40.0	70.3	106.2	156 100	189 900*			40.0
42.0	69.1	105.5	144 900	178 900*			42.0
44.0	68.0	104.6	134 900	168 900*			44.0
46.0	66.9	103.8	125 800	159 800*	142 700	168 700*	46.0
48.0	65.7	102.9	117 600	151 400*	133 700	159 900*	48.0
50.0	64.6	101.9	110 000	143 800*	125 400	151 900*	50.0
52.0	63.4	100.9	103 000	136 600*	117 800	144 400*	52.0
54.0	62.2	99.8	96 600	130 000*	110 800	137 600*	54.0
56.0	61.0	98.7	90 600	123 900*	104 300	131 100*	56.0
58.0	59.8	97.6	85 100	118 100*	98 300	125 200*	58.0
60.0	58.6	96.3	80 000	112 800*	92 600	119 600*	60.0
62.0	57.3	95.0	75 200	107 800*	87 400	114 300*	62.0
64.0	56.1	93.7	70 700	103 100*	82 500	109 400*	64.0
66.0	54.8	92.3	66 500	98 600*	77 900	104 800*	66.0
68.0	53.5	90.8	62 500	94 500*	73 600	100 500*	68.0
72.0	50.8	87.6	55 300	86 800*	65 700	92 500*	72.0
76.0	48.0	84.1	48 800	79 900*	58 700	85 300*	76.0
80.0	45.1	80.2	43 000	73 700*	52 300	78 800*	80.0
84.0	42.1	75.8	37 700	68 100*	46 600	73 000*	84.0
88.0	38.8	71.0	32 900	62 900*	41 300	67 300*	88.0
92.0	35.2	65.6	28 500	57 000*	36 500	60 000*	92.0
96.0	31.4	59.3	24 500	50 400*	32 100	53 100*	96.0
100.0	27.0	51.9	20 700	44 100*	28 000	46 700*	100.0
104.0	21.7	42.7	17 100	37 900*	24 100	40 400*	104.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



115.8m (380 Ft.) Boom

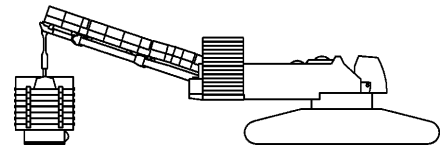
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
21.3	80.9	117.6	136 100	169 700*					21.3
22.0	80.6	117.5	129 600	169 700*					22.0
24.0	79.5	117.1	111 400	169 700*					24.0
26.0	78.5	116.7	96 700	169 700*					26.0
28.0	77.5	116.2	84 200	169 600*					28.0
30.0	76.5	115.7	73 600	163 000*					30.0
32.0	75.5	115.2	64 400	148 700*	127 300	169 700*			32.0
34.0	74.5	114.7	56 400	137 100*	115 200	169 700*			34.0
36.0	73.4	114.0	49 400	126 900*	104 600	164 400*	137 900	169 500*	36.0
38.0	72.4	113.4	43 200	117 700*	95 100	153 600*	126 400	168 900*	38.0
40.0	71.3	112.7	37 600	109 500*	86 800	143 800*	116 300	163 600*	40.0
42.0	70.3	112.0	32 600	102 100*	79 200	135 000*	107 200	153 400*	42.0
44.0	69.2	111.2	28 000	95 300*	72 300	127 000*	99 000	144 600*	44.0
46.0	68.2	110.4	23 900	89 200*	66 200	119 600*	91 500	136 400*	46.0
48.0	67.1	109.6	20 200	83 500*	60 500	112 900*	84 700	129 000*	48.0
50.0	66.0	108.7	16 700	78 300*	55 300	106 600*	78 500	122 200*	50.0
52.0	64.9	107.7	13 600	73 600*	50 600	100 900*	72 800	115 800*	52.0
54.0	63.8	106.7	10 700	69 100*	46 200	95 400*	67 500	109 900*	54.0
56.0	62.7	105.7	8 000	65 000*	42 100	90 300*	62 600	104 500*	56.0
58.0	61.6	104.6	5 500	61 200*	38 300	85 600*	58 100	99 300*	58.0
60.0	60.4	103.4	3 100	57 600*	34 800	81 200*	53 900	94 600*	60.0
62.0	59.3	102.2	1 000	54 200*	31 600	77 100*	49 900	90 100*	62.0
64.0	58.1	101.0		51 100*	28 500	73 200*	46 200	86 000*	64.0
66.0	56.9	99.7		48 000*	25 600	69 600*	42 800	82 000*	66.0
68.0	55.7	98.3		44 700*	22 900	66 200*	39 500	78 300*	68.0
72.0	53.3	95.4		38 600*	17 900	59 900*	33 600	71 500*	72.0
76.0	50.7	92.2		33 100*	13 500	54 300*	28 300	65 300*	76.0
80.0	48.1	88.7		28 100*	9 500	49 300*	23 500	59 800*	80.0
84.0	45.3	84.8		23 700*	5 900	44 700*	19 200	54 800*	84.0
88.0	42.4	80.5		19 600*	2 600	40 400*	15 300	50 100*	88.0
92.0	39.4	75.8		15 900*		35 800*	11 700	45 900*	92.0
96.0	36.1	70.5		12 400*		31 500*	8 400	42 000*	96.0
100.0	32.5	64.4		9 200*		27 500*	5 300	38 000*	100.0
104.0	28.5	57.5				23 700*	2 400	32 400*	104.0
108.0	23.9	49.1				20 300*		27 300*	108.0
112.0	18.2	38.3				16 900*		22 100*	112.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



115.8m (380 Ft.) Boom

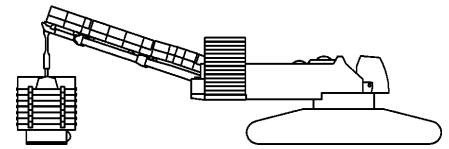
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
21.3							21.3
22.0							22.0
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0							34.0
36.0							36.0
38.0							38.0
40.0							40.0
42.0							42.0
44.0	69.2	111.2	134 500	166 400*			44.0
46.0	68.2	110.4	125 400	158 900*			46.0
48.0	67.1	109.6	117 000	150 500*	133 200	159 000*	48.0
50.0	66.0	108.7	109 400	142 800*	124 900	150 900*	50.0
52.0	64.9	107.7	102 400	135 700*	117 200	143 500*	52.0
54.0	63.8	106.7	95 900	129 100*	110 200	136 600*	54.0
56.0	62.7	105.7	90 000	122 900*	103 700	130 200*	56.0
58.0	61.6	104.6	84 400	117 200*	97 600	124 300*	58.0
60.0	60.4	103.4	79 300	111 900*	92 000	118 700*	60.0
62.0	59.3	102.2	74 500	106 800*	86 700	113 400*	62.0
64.0	58.1	101.0	70 000	102 100*	81 800	108 500*	64.0
66.0	56.9	99.7	65 700	97 700*	77 200	103 900*	66.0
68.0	55.7	98.3	61 700	93 500*	72 900	99 500*	68.0
72.0	53.3	95.4	54 500	85 900*	65 000	91 500*	72.0
76.0	50.7	92.2	48 000	79 000*	57 900	84 400*	76.0
80.0	48.1	88.7	42 200	72 800*	51 600	77 900*	80.0
84.0	45.3	84.8	36 900	67 200*	45 800	72 000*	84.0
88.0	42.4	80.5	32 200	62 000*	40 600	66 700*	88.0
92.0	39.4	75.8	27 800	57 300*	35 800	61 600*	92.0
96.0	36.1	70.5	23 700	51 900*	31 400	54 700*	96.0
100.0	32.5	64.4	20 000	45 700*	27 300	48 400*	100.0
104.0	28.5	57.5	16 500	39 900*	23 500	42 400*	104.0
108.0	23.9	49.1	13 200	34 300*	19 900	36 700*	108.0
112.0	18.2	38.3	10 000	28 700*	16 500	31 000*	112.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg thru 391 810 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



121.9m (400 Ft.) Boom

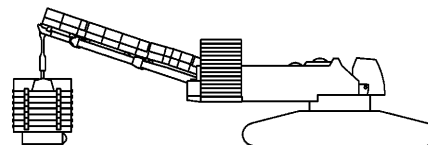
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	112 400 kg Hanging Counterweight		212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
22.9	80.6	123.5	120 400	150 000*					22.9
24.0	80.1	123.3	110 800	150 000*					24.0
26.0	79.1	122.9	95 700	150 000*					26.0
28.0	78.2	122.5	83 100	150 000*					28.0
30.0	77.2	122.0	72 400	150 000*					30.0
32.0	76.2	121.5	63 200	147 300*	126 300	150 000*			32.0
34.0	75.3	121.0	55 100	135 700*	114 100	150 000*			34.0
36.0	74.3	120.4	48 000	125 500*	103 400	149 900*			36.0
38.0	73.3	119.8	41 700	116 400*	93 900	149 500*			38.0
40.0	72.3	119.2	36 100	108 100*	85 500	142 600*	115 100	148 800*	40.0
42.0	71.3	118.5	31 100	100 700*	77 900	133 600*	106 000	148 100*	42.0
44.0	70.3	117.7	26 500	93 900*	71 000	125 500*	97 700	143 300*	44.0
46.0	69.3	117.0	22 400	87 700*	64 800	118 200*	90 200	135 000*	46.0
48.0	68.3	116.2	18 600	82 100*	59 100	111 400*	83 400	127 600*	48.0
50.0	67.3	115.3	15 200	76 900*	53 900	105 200*	77 100	120 700*	50.0
52.0	66.2	114.4	12 000	72 100*	49 100	99 400*	71 400	114 400*	52.0
54.0	65.2	113.5	9 100	67 700*	44 700	94 000*	66 100	108 500*	54.0
56.0	64.2	112.5	6 400	63 600*	40 600	88 900*	61 200	103 000*	56.0
58.0	63.1	111.5	3 900	59 800*	36 800	84 200*	56 600	97 900*	58.0
60.0	62.0	110.4	1 500	56 200*	33 300	79 800*	52 400	93 200*	60.0
62.0	61.0	109.3		52 800*	30 000	75 700*	48 500	88 700*	62.0
64.0	59.9	108.2		49 700*	27 000	71 900*	44 800	84 600*	64.0
66.0	58.8	106.9		46 400*	24 100	68 200*	41 300	80 600*	66.0
68.0	57.7	105.7		43 100*	21 300	64 800*	38 000	76 900*	68.0
72.0	55.4	103.0		36 900*	16 400	58 500*	32 100	70 100*	72.0
76.0	53.1	100.0		31 500*	12 000	53 000*	26 800	64 000*	76.0
80.0	50.6	96.8		26 500*	8 000	47 900*	22 000	58 400*	80.0
84.0	48.1	93.3		22 100*	4 400	43 300*	17 700	53 400*	84.0
88.0	45.5	89.4		18 000*	1 100	38 900*	13 700	48 800*	88.0
92.0	42.8	85.2		14 300*		34 200*	10 200	44 600*	92.0
96.0	39.9	80.5		10 800*		29 900*	6 900	40 600*	96.0
100.0	36.8	75.4		7 700*		26 000*	3 800	37 000*	100.0
104.0	33.5	69.5				22 300*	1 000	32 800*	104.0
108.0	29.9	62.9				18 900*		28 000*	108.0
112.0	25.7	55.0				15 600*		23 200*	112.0
116.0	20.8	45.4				12 500*		18 500*	116.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



121.9m (400 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
22.9							22.9
24.0							24.0
26.0							26.0
28.0							28.0
30.0							30.0
32.0							32.0
34.0							34.0
36.0							36.0
38.0							38.0
40.0							40.0
42.0							42.0
44.0							44.0
46.0							46.0
48.0	68.3	116.2	115 900	145 800*			48.0
50.0	67.3	115.3	108 200	141 600*			50.0
52.0	66.2	114.4	101 100	134 300*	116 000	142 300*	52.0
54.0	65.2	113.5	94 600	127 600*	108 900	135 200*	54.0
56.0	64.2	112.5	88 600	121 500*	102 400	128 800*	56.0
58.0	63.1	111.5	83 100	115 800*	96 300	122 800*	58.0
60.0	62.0	110.4	77 900	110 400*	90 600	117 300*	60.0
62.0	61.0	109.3	73 000	105 400*	85 300	112 000*	62.0
64.0	59.9	108.2	68 600	100 700*	80 400	107 100*	64.0
66.0	58.8	106.9	64 300	96 300*	75 800	102 500*	66.0
68.0	57.7	105.7	60 300	92 100*	71 500	98 100*	68.0
72.0	55.4	103.0	53 100	84 500*	63 500	90 100*	72.0
76.0	53.1	100.0	46 600	77 600*	56 500	83 000*	76.0
80.0	50.6	96.8	40 700	71 400*	50 100	76 500*	80.0
84.0	48.1	93.3	35 500	65 800*	44 300	70 700*	84.0
88.0	45.5	89.4	30 700	60 700*	39 100	65 300*	88.0
92.0	42.8	85.2	26 300	56 000*	34 400	60 400*	92.0
96.0	39.9	80.5	22 300	51 700*	30 000	55 300*	96.0
100.0	36.8	75.4	18 500	46 300*	25 900	49 000*	100.0
104.0	33.5	69.5	15 100	40 500*	22 200	43 200*	104.0
108.0	29.9	62.9	11 900	35 200*	18 600	37 600*	108.0
112.0	25.7	55.0	8 800	30 000*	15 400	32 400*	112.0
116.0	20.8	45.4	5 900	25 000*	12 200	27 200*	116.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

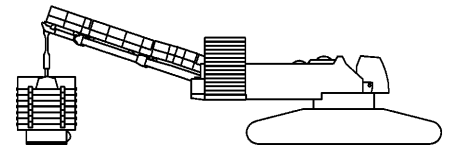
145 150 kg Carbody Counterweight

 0 kg thru 391 810 kg Hanging Counterweight
at 18m Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



128.0m (420 Ft.) Boom

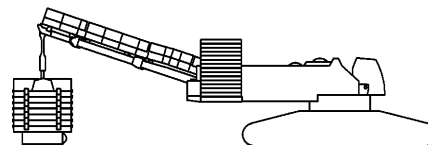
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
35.1	75.5	127.0	108 200	130 900*			35.1
36.0	75.0	126.7	103 300	130 700*			36.0
38.0	74.1	126.2	93 700	130 200*			38.0
40.0	73.2	125.6	85 100	129 700*			40.0
42.0	72.2	124.9	77 500	129 100*	105 800	129 100*	42.0
44.0	71.3	124.2	70 600	124 900*	97 400	128 600*	44.0
46.0	70.3	123.5	64 300	117 500*	89 900	128 000*	46.0
48.0	69.4	122.7	58 600	110 700*	83 000	126 300*	48.0
50.0	68.4	121.9	53 400	104 500*	76 700	120 200*	50.0
52.0	67.4	121.1	48 600	98 800*	71 000	113 600*	52.0
54.0	66.5	120.2	44 200	93 300*	65 600	107 800*	54.0
56.0	65.5	119.3	40 100	88 300*	60 700	102 300*	56.0
58.0	64.5	118.3	36 300	83 600*	56 100	97 300*	58.0
60.0	63.5	117.3	32 700	79 200*	51 900	92 500*	60.0
62.0	62.5	116.3	29 400	75 000*	47 900	88 000*	62.0
64.0	61.5	115.2	26 400	71 200*	44 200	83 800*	64.0
66.0	60.4	114.1	23 500	67 600*	40 700	79 900*	66.0
68.0	59.4	112.9	20 700	64 100*	37 500	76 200*	68.0
72.0	57.3	110.3	15 700	57 900*	31 500	69 400*	72.0
76.0	55.1	107.6	11 300	52 300*	26 200	63 300*	76.0
80.0	52.9	104.6	7 300	47 200*	21 400	57 700*	80.0
84.0	50.6	101.4	3 700	42 700*	17 100	52 800*	84.0
88.0	48.2	97.9	400	38 300*	13 200	48 100*	88.0
92.0	45.7	94.0		33 600*	9 500	43 900*	92.0
96.0	43.1	89.9		29 400*	6 300	40 000*	96.0
100.0	40.4	85.3		25 400*	3 200	36 400*	100.0
104.0	37.5	80.2		21 700*		32 300*	104.0
108.0	34.4	74.6		18 300*		28 400*	108.0
112.0	31.0	68.2		15 100*		24 600*	112.0
116.0	27.3	60.8		12 100*		20 100*	116.0
120.0	22.9	52.0		9 200*		15 800*	120.0
124.0	17.6	40.7				11 500*	124.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



128.0m (420 Ft.) Boom

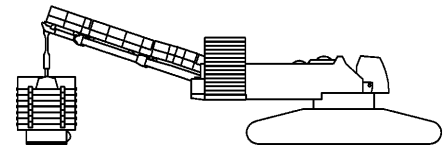
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
35.1							35.1
36.0							36.0
38.0							38.0
40.0							40.0
42.0							42.0
44.0							44.0
46.0							46.0
48.0							48.0
50.0							50.0
52.0	67.4	121.1	100 800	126 200*			52.0
54.0	66.5	120.2	94 200	125 200*			54.0
56.0	65.5	119.3	88 200	121 100*	102 000	124 900*	56.0
58.0	64.5	118.3	82 600	115 100*	95 900	122 200*	58.0
60.0	63.5	117.3	77 400	109 700*	90 200	116 500*	60.0
62.0	62.5	116.3	72 600	104 700*	84 900	111 300*	62.0
64.0	61.5	115.2	68 100	100 000*	80 000	106 400*	64.0
66.0	60.4	114.1	63 800	95 600*	75 400	101 800*	66.0
68.0	59.4	112.9	59 800	91 400*	71 000	97 500*	68.0
72.0	57.3	110.3	52 500	83 800*	63 000	89 500*	72.0
76.0	55.1	107.6	46 000	76 900*	55 900	82 300*	76.0
80.0	52.9	104.6	40 200	70 700*	49 600	75 800*	80.0
84.0	50.6	101.4	34 900	65 100*	43 800	70 000*	84.0
88.0	48.2	97.9	30 100	60 000*	38 600	64 700*	88.0
92.0	45.7	94.0	25 700	55 300*	33 800	59 800*	92.0
96.0	43.1	89.9	21 700	51 000*	29 400	55 300*	96.0
100.0	40.4	85.3	18 000	47 000*	25 400	50 400*	100.0
104.0	37.5	80.2	14 600	41 900*	21 700	44 500*	104.0
108.0	34.4	74.6	11 400	36 500*	18 200	39 100*	108.0
112.0	31.0	68.2	8 300	31 600*	14 900	33 900*	112.0
116.0	27.3	60.8	5 500	26 800*	11 800	29 000*	116.0
120.0	22.9	52.0	2 800	22 100*	8 900	24 300*	120.0
124.0	17.6	40.7		17 500*	6 100	19 500*	124.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



134.1m (440 Ft.) Boom

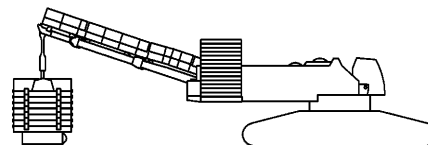
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	212 190 kg Hanging Counterweight		272 060 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
38.1	74.8	132.5	91 900	115 900*			38.1
40.0	74.0	131.9	83 800	115 500*			40.0
42.0	73.1	131.3	76 100	115 100*			42.0
44.0	72.2	130.7	69 200	114 600*			44.0
46.0	71.3	130.0	62 900	113 900*	88 500	114 100*	46.0
48.0	70.4	129.3	57 100	109 600*	81 600	113 600*	48.0
50.0	69.4	128.5	51 900	103 100*	75 300	113 100*	50.0
52.0	68.5	127.7	47 100	97 300*	69 500	112 300*	52.0
54.0	67.6	126.9	42 600	91 900*	64 100	106 400*	54.0
56.0	66.7	126.0	38 500	86 800*	59 200	100 800*	56.0
58.0	65.7	125.1	34 700	82 100*	54 600	95 800*	58.0
60.0	64.8	124.2	31 100	77 700*	50 300	91 000*	60.0
62.0	63.8	123.2	27 800	73 600*	46 400	86 600*	62.0
64.0	62.9	122.1	24 700	69 800*	42 600	82 400*	64.0
66.0	61.9	121.1	21 800	66 100*	39 200	78 400*	66.0
68.0	60.9	119.9	19 100	62 700*	35 900	74 700*	68.0
72.0	58.9	117.6	14 100	56 500*	29 900	67 900*	72.0
76.0	56.9	115.0	9 600	50 900*	24 600	61 800*	76.0
80.0	54.8	112.2	5 700	45 800*	19 800	56 300*	80.0
84.0	52.7	109.2	2 000	41 300*	15 500	51 300*	84.0
88.0	50.5	106.0		36 600*	11 500	46 800*	88.0
92.0	48.2	102.5		32 000*	7 900	42 500*	92.0
96.0	45.9	98.7		27 700*	4 600	38 700*	96.0
100.0	43.4	94.5		23 700*	1 600	34 700*	100.0
104.0	40.8	90.0		20 100*		30 700*	104.0
108.0	38.1	85.0		16 700*		26 900*	108.0
112.0	35.2	79.5		13 500*		23 300*	112.0
116.0	32.0	73.3		10 500*		19 900*	116.0
120.0	28.6	66.3		7 700*		16 100*	120.0
124.0	24.7	58.1				12 100*	124.0
128.0	20.1	48.1				8 200*	128.0

Liftcrane Boom Capacities

Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg thru 391 810 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



134.1m (440 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	351 900 kg Hanging Counterweight		391 810 kg Hanging Counterweight		Oper. Rad. m
			Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	Minimum Boom Capacity To Swing and Travel Kilograms	Boom Capacity Kilograms	
38.1							38.1
40.0							40.0
42.0							42.0
44.0							44.0
46.0							46.0
48.0							48.0
50.0							50.0
52.0							52.0
54.0	67.6	126.9	92 900	112 000*			54.0
56.0	66.7	126.0	86 800	111 500*			56.0
58.0	65.7	125.1	81 200	110 900*			58.0
60.0	64.8	124.2	76 000	108 600*	88 800	110 300*	60.0
62.0	63.8	123.2	71 100	103 300*	83 500	109 200*	62.0
64.0	62.9	122.1	66 600	98 600*	78 500	104 900*	64.0
66.0	61.9	121.1	62 300	94 200*	73 900	100 300*	66.0
68.0	60.9	119.9	58 300	90 000*	69 500	96 000*	68.0
72.0	58.9	117.6	51 000	82 300*	61 500	88 000*	72.0
76.0	56.9	115.0	44 500	75 500*	54 400	80 800*	76.0
80.0	54.8	112.2	38 600	69 300*	48 000	74 400*	80.0
84.0	52.7	109.2	33 300	63 700*	42 300	68 600*	84.0
88.0	50.5	106.0	28 500	58 600*	37 000	63 200*	88.0
92.0	48.2	102.5	24 100	53 900*	32 200	58 400*	92.0
96.0	45.9	98.7	20 100	49 600*	27 900	53 800*	96.0
100.0	43.4	94.5	16 400	45 600*	23 800	49 700*	100.0
104.0	40.8	90.0	13 000	41 800*	20 100	44 600*	104.0
108.0	38.1	85.0	9 800	36 600*	16 600	39 200*	108.0
112.0	35.2	79.5	6 900	31 700*	13 400	34 100*	112.0
116.0	32.0	73.3	4 000	27 000*	10 400	29 400*	116.0
120.0	28.6	66.3	1 400	22 600*	7 500	24 800*	120.0
124.0	24.7	58.1		18 300*	4 800	20 400*	124.0
128.0	20.1	48.1		14 100*	2 200	16 100*	128.0