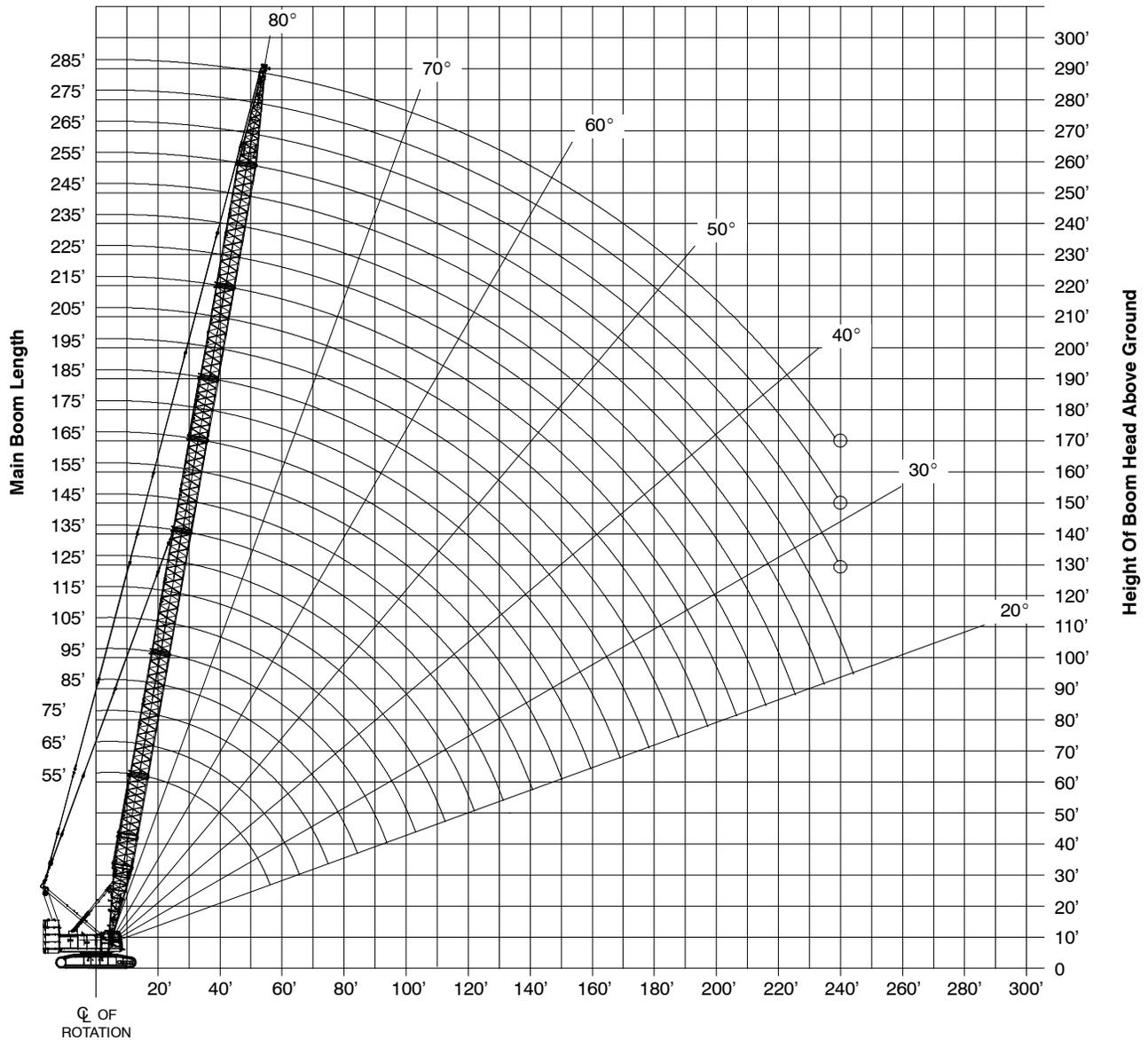


Main Boom Working Range Diagram



Notes:

Operating Radius From Centerline Of Rotation

1. Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.
2. Maximum and minimum boom angles are equal to the values listed in the capacity charts for each boom length.

Main Boom Load Charts

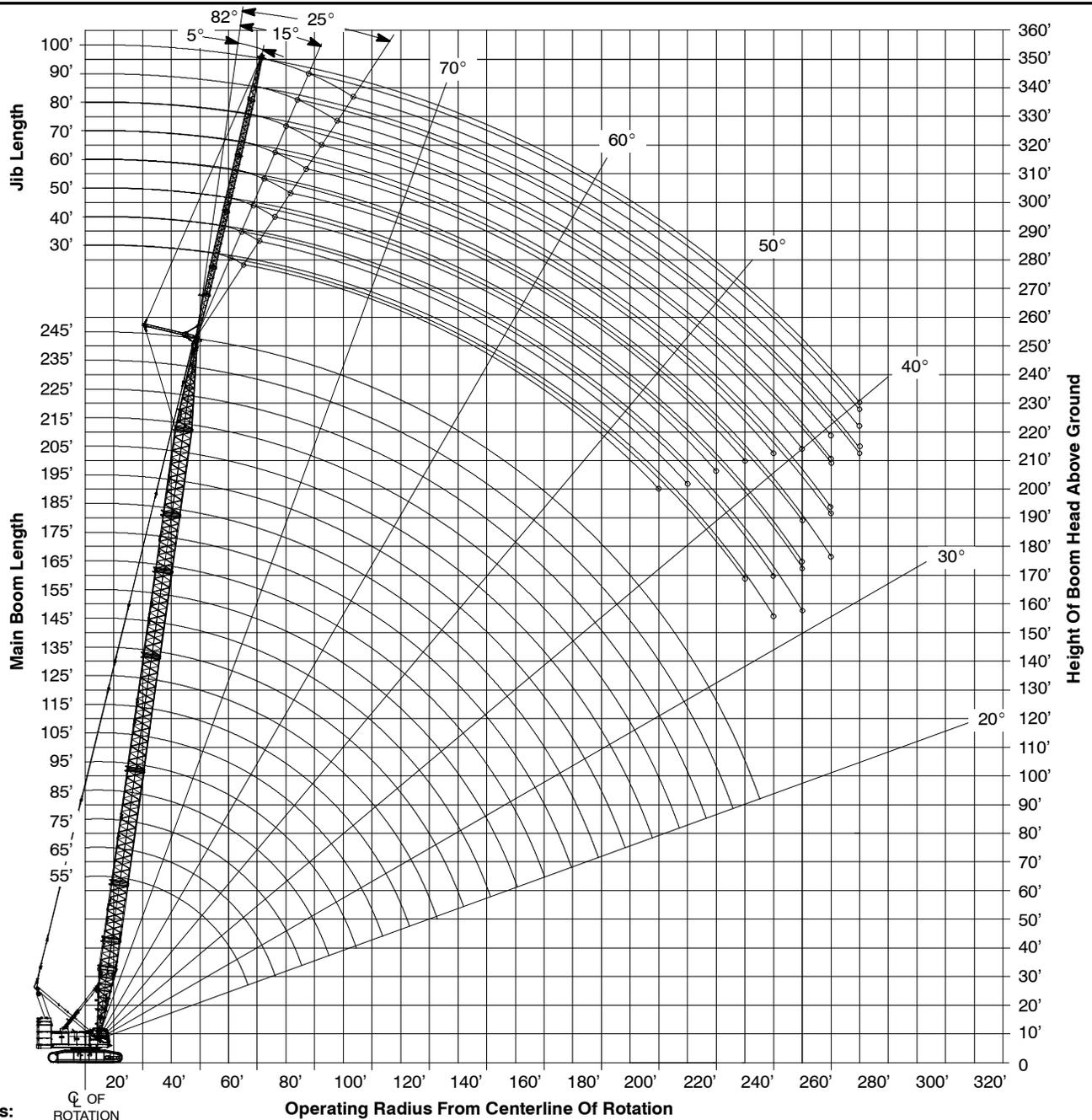
Main Boom Lift Capacity Chart - 360° Rotation ABCDE+A Counterweight [All capacities are listed in kips (mt)]														
Load Radius ft (m)	Boom Length - ft (m)												Load Radius ft (m)	
	55 (16.8)	65 (19.8)	75 (22.9)	85 (25.9)	95 (29.0)	105 (32.0)	115 (35.1)	125 (38.1)	135 (41.1)	145 (44.2)	155 (47.2)	165 (50.3)		
12 (3.7)	400.0 (181.4)													12 (3.7)
15 (4.6)	333.6 (151.3)													15 (4.6)
16 (4.9)	314.4 (142.6)	313.3 (142.1)												16 (4.9)
17 (5.2)	297.1 (134.8)	296.1 (134.3)												17 (5.2)
18 (5.5)	281.7 (127.8)	280.8 (127.4)	279.7 (126.9)											18 (5.5)
19 (5.8)	267.6 (121.4)	266.8 (121.0)	265.8 (120.6)											19 (5.8)
20 (6.1)	255.0 (115.7)	254.3 (115.3)	253.4 (114.9)	252.8 (114.7)										20 (6.1)
25 (7.6)	205.8 (93.3)	205.3 (93.1)	204.6 (92.8)	204.2 (92.6)	203.4 (92.3)	202.5 (91.9)	201.8 (91.5)							25 (7.6)
30 (9.1)	172.3 (78.2)	171.9 (78.0)	171.4 (77.7)	171.1 (77.6)	170.4 (77.3)	169.7 (77.0)	169.0 (76.7)	168.2 (76.3)	167.4 (75.9)	166.6 (75.6)				30 (9.1)
35 (10.7)	147.2 (66.8)	145.1 (65.8)	143.4 (65.0)	146.7 (66.5)	146.1 (66.3)	145.4 (66.0)	144.8 (65.7)	144.3 (65.5)	144.0 (65.3)	142.8 (64.8)	141.7 (64.3)	140.7 (63.8)		35 (10.7)
40 (12.2)	125.1 (56.7)	123.2 (55.9)	121.3 (55.0)	127.3 (57.7)	126.0 (57.2)	124.8 (56.6)	123.6 (56.1)	122.5 (55.6)	121.4 (55.1)	120.3 (54.6)	119.3 (54.1)	118.4 (53.7)		40 (12.2)
50 (15.2)	94.6 (42.9)	93.7 (42.5)	92.5 (42.0)	94.9 (43.0)	94.7 (43.0)	94.3 (42.8)	94.0 (42.6)	93.4 (42.4)	92.4 (41.9)	91.5 (41.5)	90.6 (41.1)	89.7 (40.7)		50 (15.2)
60 (18.3)		31.3 (33.8)	74.1 (33.6)	74.8 (33.9)	74.6 (33.8)	74.3 (33.7)	73.9 (33.5)	73.6 (33.4)	73.2 (33.2)	72.8 (33.0)	72.4 (32.8)	71.7 (32.5)		60 (18.3)
70 (21.3)			60.4 (27.4)	61.3 (27.8)	61.0 (27.7)	60.7 (27.5)	60.4 (27.4)	60.0 (27.2)	59.6 (27.0)	59.2 (26.9)	58.8 (26.7)	58.4 (26.5)		70 (21.3)
80 (24.4)				51.7 (23.5)	51.5 (23.4)	51.2 (23.2)	50.9 (23.1)	50.5 (22.9)	50.1 (22.7)	49.8 (22.6)	49.4 (22.4)	49.0 (22.2)		80 (24.4)
90 (27.4)					44.2 (20.0)	43.9 (19.9)	43.6 (19.8)	43.2 (19.6)	42.9 (19.5)	42.5 (19.3)	42.1 (19.1)	41.7 (18.9)		90 (27.4)
100 (30.5)						38.2 (17.3)	37.9 (17.2)	37.6 (17.1)	37.2 (16.9)	36.8 (16.7)	36.4 (16.5)	36.0 (16.3)		100 (30.5)
110 (33.5)							33.4 (15.1)	33.0 (15.0)	32.6 (14.8)	32.2 (14.6)	31.8 (14.4)	31.4 (14.2)		110 (33.5)
120 (36.6)								29.3 (13.3)	28.9 (13.1)	28.7 (13.0)	28.4 (12.9)	28.0 (12.7)		120 (36.6)
130 (39.6)									26.0 (11.8)	25.6 (11.6)	25.2 (11.4)	24.9 (11.3)		130 (39.6)
140 (42.7)										23.0 (10.4)	22.6 (10.3)	22.1 (10.0)		140 (42.7)
150 (45.7)											23.0 (10.4)	19.9 (9.0)	19.5 (8.8)	150 (45.7)

This material is supplied for reference use only. Operator must refer to in-cab Crane Rating Manual and Operator's Manual to determine allowable crane lifting capacities and assembly and operating procedures.

Main Boom Lift Capacity Chart - 360° Rotation ABCDE+A Counterweight [All capacities are listed in kips (mt)]													
Load Radius ft (m)	Boom Length - ft (m)												Load Radius ft (m)
	175 (53.3)	185 (56.4)	195 (59.4)	205 (62.5)	215 (65.5)	225 (68.6)	235 (71.6)	245 (74.7)	255 (77.7)	265 (80.8)	275 (83.8)	285 (86.9)	
35 (10.7)	139.7 (63.4)												35 (10.7)
40 (12.2)	117.4 (53.3)	116.5 (52.8)	115.5 (52.4)										40 (12.2)
50 (15.2)	88.8 (40.3)	88.0 (39.9)	87.1 (39.5)	86.5 (39.2)	85.8 (38.9)	86.1 (39.1)	81.1 (36.8)	74.7 (33.9)	71.1 (32.3)				50 (15.2)
60 (18.3)	70.9 (32.2)	70.1 (31.8)	69.3 (31.4)	68.7 (31.2)	68.1 (30.9)	67.8 (30.8)	67.4 (30.6)	59.4 (26.9)	61.8 (28.0)	59.7 (27.1)	54.5 (24.7)	49.6 (22.5)	60 (18.3)
70 (21.3)	57.7 (26.2)	57.6 (26.1)	57.4 (26.0)	56.9 (25.8)	56.3 (25.5)	56.0 (25.4)	55.6 (25.2)	53.9 (24.4)	52.3 (23.7)	50.9 (23.1)	49.2 (22.3)	44.9 (20.4)	70 (21.3)
80 (24.4)	48.6 (22.0)	48.2 (21.9)	47.6 (21.6)	47.0 (21.3)	46.5 (21.1)	46.2 (21.0)	45.8 (20.8)	46.2 (21.0)	45.4 (20.6)	44.2 (20.0)	42.9 (19.5)	40.3 (18.3)	80 (24.4)
90 (27.4)	41.2 (18.7)	40.8 (18.5)	40.1 (18.2)	39.6 (18.0)	39.0 (17.7)	38.8 (17.6)	38.4 (17.4)	38.8 (17.6)	38.5 (17.5)	38.2 (17.3)	37.4 (17.0)	36.1 (16.4)	90 (27.4)
100 (30.5)	35.6 (16.1)	34.9 (15.8)	34.2 (15.5)	33.7 (15.3)	33.2 (15.1)	32.9 (14.9)	32.6 (14.8)	33.1 (15.0)	32.7 (14.8)	32.4 (14.7)	32.1 (14.6)	31.6 (14.3)	100 (30.5)
110 (33.5)	30.9 (14.0)	30.2 (13.7)	29.5 (13.4)	29.0 (13.2)	28.5 (12.9)	28.7 (13.0)	28.7 (13.0)	28.4 (12.9)	28.1 (12.7)	28.3 (12.8)	27.2 (12.3)	26.4 (12.0)	110 (33.5)
120 (36.6)	27.6 (12.5)	27.2 (12.3)	26.6 (12.1)	26.1 (11.8)	25.7 (11.7)	25.4 (11.5)	25.1 (11.4)	25.2 (11.4)	24.9 (11.3)	24.5 (11.1)	23.8 (10.8)	23.2 (10.5)	120 (36.6)
130 (39.6)	24.5 (11.1)	23.8 (10.8)	23.2 (10.5)	22.7 (10.3)	22.3 (10.1)	22.1 (10.0)	21.7 (9.8)	22.0 (10.0)	21.7 (9.8)	21.4 (9.7)	20.8 (9.4)	20.2 (9.2)	130 (39.6)
140 (42.7)	21.5 (9.8)	20.9 (9.5)	20.3 (9.2)	19.9 (9.0)	19.4 (8.8)	19.2 (8.7)	18.9 (8.6)	19.4 (8.8)	19.0 (8.6)	18.6 (8.4)	18.1 (8.2)	17.7 (8.0)	140 (42.7)
150 (45.7)	19.0 (8.6)	18.4 (8.3)	17.8 (8.1)	17.4 (7.9)	16.9 (7.7)	16.7 (7.6)	16.4 (7.4)	17.1 (7.8)	16.6 (7.5)	16.3 (7.4)	15.8 (7.2)	15.4 (7.0)	150 (45.7)
160 (48.8)	16.8 (7.6)	16.2 (7.3)	15.7 (7.1)	15.2 (6.9)	14.8 (6.7)	14.6 (6.6)	14.3 (6.5)	14.9 (6.8)	14.3 (6.5)	14.1 (6.4)	13.7 (6.2)	13.3 (6.0)	160 (48.8)
170 (51.8)		14.3 (6.5)	13.7 (6.2)	13.3 (6.0)	12.9 (5.9)	12.7 (5.8)	12.4 (5.6)	12.9 (5.9)	12.4 (5.6)	12.1 (5.5)	11.7 (5.3)	11.5 (5.2)	170 (51.8)
180 (54.9)			12.0 (5.4)	11.7 (5.3)	11.3 (5.1)	11.1 (5.0)	10.8 (4.9)	11.1 (5.0)	8.9 (4.0)	10.4 (4.7)	10.1 (4.6)	9.8 (4.4)	180 (54.9)
190 (57.9)				10.2 (4.6)	9.8 (4.4)	9.6 (4.4)	9.3 (4.2)	9.5 (4.3)	7.6 (3.4)	8.8 (4.0)	8.5 (3.9)	8.3 (3.8)	190 (57.9)
200 (61.0)					8.4 (3.8)	8.2 (3.7)	8.0 (3.6)	7.9 (3.6)	6.2 (2.8)	7.2 (3.3)	7.1 (3.2)	6.9 (3.1)	200 (61.0)
210 (64.0)						7.0 (3.2)	6.8 (3.1)	6.6 (3.0)	5.0 (2.3)	5.9 (2.7)	5.9 (2.7)	5.7 (2.6)	210 (64.0)
220 (67.1)							5.7 (2.6)	5.3 (2.4)	3.8 (1.7)	4.7 (2.1)	4.7 (2.1)	4.6 (2.1)	220 (67.1)
230 (70.1)								4.2 (1.9)	2.8 (1.3)	3.6 (1.6)	3.6 (1.6)	3.5 (1.6)	230 (70.1)
240 (73.2)										2.7 (1.2)	2.7 (1.2)	2.6 (1.2)	240 (73.2)

This material is supplied for reference use only. Operator must refer to in-cab Crane Rating Manual and Operator's Manual to determine allowable crane lifting capacities and assembly and operating procedures.

Jib Attachment Working Range Diagram



Notes:

CL OF ROTATION

Operating Radius From Centerline Of Rotation

1. Boom geometry shown is for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.
2. Maximum and minimum boom angles are equal to the values listed in the capacity charts for each boom length.

Jib Attachment Load Charts

Tubular Main Boom + 30 ft (9.14m) Offset Tube Jib Length - 360° Rotation ABCDE+A [152,100 lb (68 991kg)] Counterweight [All capacities are listed in kips (mt)]																	
5 Degree Offset						15 Degree Offset					25 Degree Offset						
Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)				
	55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)
35 (10.7)	58.0 (26.3)					35 (10.7)	56.3 (25.5)					35 (10.7)	44.4 (20.1)				
40 (12.2)	57.6 (26.1)	57.8 (26.2)				40 (12.2)	52.2 (23.7)	56.4 (25.6)				40 (12.2)	40.8 (18.5)	46.2 (21.0)			
50 (15.2)	51.2 (23.2)	57.7 (26.2)	57.6 (26.1)			50 (15.2)	43.2 (19.6)	54.4 (24.7)	54.5 (24.7)			50 (15.2)	35.3 (16.0)	41.1 (18.6)	45.7 (20.7)		
60 (18.3)	42.1 (19.1)	55.8 (25.3)	56.4 (25.6)			60 (18.3)	37.0 (16.8)	47.3 (21.5)	53.4 (24.2)			60 (18.3)	31.3 (14.2)	37.1 (16.8)	42.0 (19.1)		
70 (21.3)	35.8 (16.2)	50.9 (23.1)	55.1 (25.0)	52.4 (23.8)		70 (21.3)	32.6 (14.8)	42.0 (19.1)	51.5 (23.4)	49.9 (22.6)		70 (21.3)	29.0 (13.2)	33.9 (15.4)	38.9 (17.6)	42.4 (19.2)	
80 (24.4)	31.3 (14.2)	44.4 (20.1)	46.1 (20.9)	44.3 (20.1)	34.6 (15.7)	80 (24.4)		37.9 (17.2)	46.6 (21.1)	44.9 (20.4)	33.4 (15.1)	80 (24.4)		31.4 (14.2)	36.3 (16.5)	39.8 (18.1)	31.4 (14.2)
90 (27.4)		39.4 (17.9)	39.3 (17.8)	37.4 (17.0)	33.5 (15.2)	90 (27.4)		34.6 (15.7)	39.7 (18.0)	37.9 (17.2)	32.3 (14.7)	90 (27.4)		29.4 (13.3)	34.1 (15.5)	37.7 (17.1)	30.4 (13.8)
100 (30.5)		35.4 (16.1)	34.0 (15.4)	32.0 (14.5)	30.0 (13.6)	100 (30.5)		32.0 (14.5)	34.3 (15.6)	32.5 (14.7)	30.6 (13.9)	100 (30.5)		29.0 (13.2)	32.2 (14.6)	32.9 (14.9)	29.4 (13.3)
110 (33.5)		31.5 (14.3)	29.7 (13.5)	28.1 (12.7)	26.1 (11.8)	110 (33.5)		29.9 (13.6)	30.0 (13.6)	28.5 (12.9)	26.7 (12.1)	110 (33.5)			30.2 (13.7)	28.4 (12.9)	27.0 (12.2)
120 (36.6)		28.2 (12.8)	26.5 (12.0)	24.6 (11.2)	22.6 (10.3)	120 (36.6)			26.7 (12.1)	24.9 (11.3)	23.1 (10.5)	120 (36.6)			26.9 (12.2)	25.2 (11.4)	23.5 (10.7)
130 (39.6)			23.5 (10.7)	21.6 (9.8)	19.7 (8.9)	130 (39.6)			23.7 (10.8)	21.9 (9.9)	20.1 (9.1)	130 (39.6)			23.9 (10.8)	22.2 (10.1)	20.4 (9.3)
140 (42.7)			21.1 (9.6)	19.1 (8.7)	17.2 (7.8)	140 (42.7)			21.2 (9.6)	19.4 (8.8)	17.5 (7.9)	140 (42.7)				19.6 (8.9)	17.8 (8.1)
150 (45.7)			18.9 (8.6)	17.0 (7.7)	15.0 (6.8)	150 (45.7)			19.1 (8.7)	17.3 (7.8)	15.4 (7.0)	150 (45.7)				17.4 (7.9)	15.6 (7.1)
160 (48.8)			17.1 (7.8)	15.2 (6.9)	13.0 (5.9)	160 (48.8)				15.4 (7.0)	13.3 (6.0)	160 (48.8)				15.5 (7.0)	13.7 (6.2)
170 (51.8)				13.6 (6.2)	11.1 (5.0)	170 (51.8)				13.7 (6.2)	11.4 (5.2)	170 (51.8)				13.9 (6.3)	11.7 (5.3)
180 (54.9)				12.1 (5.5)	9.4 (4.3)	180 (54.9)				12.3 (5.6)	9.7 (4.4)	180 (54.9)					10.0 (4.5)
190 (57.9)				10.8 (4.9)	7.9 (3.6)	190 (57.9)				11.0 (5.0)	8.2 (3.7)	190 (57.9)					8.5 (3.9)
200 (61.0)				9.5 (4.3)	6.6 (3.0)	200 (61.0)					6.9 (3.1)	200 (61.0)					7.1 (3.2)
210 (64.0)				7.8 (3.5)	5.4 (2.4)	210 (64.0)					5.7 (2.6)	210 (64.0)					
220 (67.1)					4.4 (2.0)	220 (67.1)					4.5 (2.0)	220 (67.1)					
230 (70.1)					3.4 (1.5)	230 (70.1)					3.5 (1.6)	230 (70.1)					
240 (73.2)					2.5 (1.1)	240 (73.2)						240 (73.2)					
250 (76.2)						250 (76.2)						250 (76.2)					

This material is supplied for reference use only. Operator must refer to in-cab Crane Rating Manual and Operator's Manual to determine allowable crane lifting capacities and assembly and operating procedures.

**Tubular Main Boom + 60 ft (18.3m) Offset Tube Jib Length - 360° Rotation
ABCDE+A [152,100 lb (68 991kg)] Counterweight
[All capacities are listed in kips (mt)]**

5 Degree Offset						15 Degree Offset					25 Degree Offset						
Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)				
	55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)
35 (10.7)	33.2 (15.1)					35 (10.7)						35 (10.7)					
40 (12.2)	32.2 (14.6)	33.0 (15.0)				40 (12.2)	28.4 (12.2)					40 (12.2)					
50 (15.2)	28.4 (12.9)	31.5 (14.3)	31.5 (14.3)			50 (15.2)	27.0 (12.2)	27.6 (12.5)				50 (15.2)	24.1 (10.9)				
60 (18.3)	27.0 (12.2)	28.3 (12.8)	28.7 (13.0)	27.8 (12.6)		60 (18.3)	25.6 (11.6)	26.7 (12.1)	26.8 (12.2)			60 (18.3)	21.0 (9.5)	23.4 (10.6)			
70 (21.3)	25.2 (11.4)	27.3 (12.4)	27.9 (12.7)	27.2 (12.3)	25.2 (11.4)	70 (21.3)	22.2 (10.1)	25.8 (11.7)	26.1 (11.8)	25.5 (11.6)		70 (21.3)	18.7 (8.5)	21.2 (9.6)	23.3 (10.6)		
80 (24.4)	21.8 (9.9)	26.4 (12.0)	27.1 (12.3)	26.6 (12.1)	24.7 (11.2)	80 (24.4)	19.6 (8.9)	23.9 (10.8)	25.5 (11.6)	25.0 (11.3)	23.2 (10.5)	80 (24.4)	16.9 (7.7)	19.4 (8.8)	21.6 (9.8)	23.2 (10.5)	
90 (27.4)	19.1 (8.7)	25.4 (11.5)	26.4 (12.0)	26.1 (11.8)	24.2 (11.0)	90 (27.4)	17.6 (8.0)	21.7 (9.8)	25.0 (11.3)	24.5 (11.1)	22.7 (10.3)	90 (27.4)	15.5 (7.0)	17.9 (8.1)	20.2 (9.2)	21.8 (9.9)	19.7 (8.9)
100 (30.5)	17.1 (7.8)	22.7 (10.3)	25.8 (11.7)	25.6 (11.6)	23.7 (10.8)	100 (30.5)	16.1 (7.3)	19.8 (9.0)	23.8 (10.8)	24.1 (10.9)	22.2 (10.1)	100 (30.5)	14.4 (6.5)	16.7 (7.6)	19.0 (8.6)	20.6 (9.3)	19.3 (8.8)
110 (33.5)	15.5 (7.0)	20.5 (9.3)	25.2 (11.4)	25.1 (11.4)	23.2 (10.5)	110 (33.5)		18.3 (8.3)	22.1 (10.0)	23.7 (10.8)	21.7 (9.8)	110 (33.5)		15.7 (7.1)	17.9 (8.1)	19.6 (8.9)	18.9 (8.6)
120 (36.6)		18.7 (8.5)	24.4 (11.1)	24.6 (11.2)	22.8 (10.3)	120 (36.6)		17.0 (7.7)	20.6 (9.3)	23.3 (10.6)	21.2 (9.6)	120 (36.6)		14.8 (6.7)	17.0 (7.7)	18.7 (8.5)	18.5 (8.4)
130 (39.6)		17.3 (7.8)	22.4 (10.2)	22.5 (10.2)	20.6 (9.3)	130 (39.6)		16.0 (7.3)	19.3 (8.8)	22.3 (10.1)	20.7 (9.4)	130 (39.6)			16.2 (7.3)	17.8 (8.1)	18.2 (8.3)
140 (42.7)		16.0 (7.3)	20.8 (9.4)	20.0 (9.1)	18.0 (8.2)	140 (42.7)		15.1 (6.8)	18.2 (8.3)	20.5 (9.3)	18.8 (8.5)	140 (42.7)			15.5 (7.0)	17.1 (7.8)	17.8 (8.1)
150 (45.7)			19.4 (8.8)	17.8 (8.1)	15.9 (7.2)	150 (45.7)			17.2 (7.8)	18.3 (8.3)	16.5 (7.5)	150 (45.7)			14.8 (6.7)	16.4 (7.4)	17.1 (7.8)
160 (48.8)			17.9 (8.1)	16.0 (7.3)	14.0 (6.4)	160 (48.8)			16.4 (7.4)	16.4 (7.4)	14.6 (6.6)	160 (48.8)			14.3 (6.5)	15.8 (7.2)	15.1 (6.8)
170 (51.8)			16.3 (7.4)	14.4 (6.5)	12.2 (5.5)	170 (51.8)			15.7 (7.1)	14.7 (6.7)	12.9 (5.9)	170 (51.8)				15.1 (6.8)	13.4 (6.1)
180 (54.9)			14.8 (6.7)	12.9 (5.9)	10.5 (4.8)	180 (54.9)			15.0 (6.8)	13.3 (6.0)	11.2 (5.1)	180 (54.9)				13.6 (6.2)	11.7 (5.3)
190 (57.9)			13.6 (6.2)	11.6 (5.3)	9.0 (4.1)	190 (57.9)				12.0 (5.4)	9.6 (4.4)	190 (57.9)				12.2 (5.5)	10.1 (4.6)
200 (61.0)				10.5 (4.8)	7.7 (3.5)	200 (61.0)				10.8 (4.9)	8.2 (3.7)	200 (61.0)				11.0 (5.0)	8.7 (3.9)
210 (64.0)				9.4 (4.3)	6.5 (2.9)	210 (64.0)				9.7 (4.4)	7.0 (3.2)	210 (64.0)					7.4 (3.4)
220 (67.1)				8.2 (3.7)	5.4 (2.4)	220 (67.1)				8.5 (3.9)	5.9 (2.7)	220 (67.1)					6.2 (2.8)
230 (70.1)				7.2 (3.3)	4.4 (2.0)	230 (70.1)					4.8 (2.2)	230 (70.1)					5.1 (2.3)
240 (73.2)					3.5 (1.6)	240 (73.2)					3.9 (1.8)	240 (73.2)					
250 (76.2)					2.7 (1.2)	250 (76.2)					3.0 (1.4)	250 (76.2)					

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**Tubular Main Boom + 100 ft (30.5m) Offset Tube Jib Length - 360° Rotation
ABCDE+A [152,100 lb (68 991kg)] Counterweight
[All capacities are listed in kips (mt)]**

5 Degree Offset						15 Degree Offset						25 Degree Offset					
Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)					Load Radius ft (m)	Boom Length - ft (m)				
	55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)		55 (16.8)	95 (29.0)	145 (44.2)	195 (59.4)	245 (74.5)
50 (15.2)	11.4 (5.2)	12.0 (5.4)				50 (15.2)					50 (15.2)						
60 (18.3)	10.4 (4.7)	11.2 (5.1)	11.7 (5.3)			60 (18.3)	9.5 (4.3)				60 (18.3)						
70 (21.3)	9.5 (4.3)	10.4 (4.7)	11.1 (5.0)	11.3 (5.1)		70 (21.3)	8.7 (3.9)	9.2 (4.2)			70 (21.3)						
80 (24.4)	8.7 (3.9)	9.7 (4.4)	10.4 (4.7)	10.8 (4.9)	10.9 (4.9)	80 (24.4)	8.0 (3.9)	8.6 (3.9)	9.1 (4.1)		80 (24.4)	7.4 (3.4)	7.7 (3.5)				
90 (27.4)	7.9 (3.6)	9.0 (4.1)	9.9 (4.5)	10.3 (4.7)	10.5 (4.8)	90 (27.4)	7.3 (3.3)	8.1 (3.7)	8.6 (3.9)	8.9 (4.0)	8.9 (4.0)	6.8 (3.1)	7.2 (3.3)	7.5 (3.4)			
100 (30.5)	7.3 (3.3)	8.4 (3.8)	9.3 (4.2)	9.9 (4.5)	10.1 (4.6)	100 (30.5)	6.8 (3.1)	7.5 (3.4)	8.1 (3.7)	8.5 (3.9)	8.6 (3.9)	6.3 (2.9)	6.8 (3.1)	7.2 (3.3)	7.3 (3.3)		
110 (33.5)	6.7 (3.0)	7.8 (3.5)	8.8 (4.0)	9.4 (4.3)	9.7 (4.4)	110 (33.5)	6.3 (3.0)	7.1 (3.2)	7.7 (3.5)	8.1 (3.7)	8.3 (3.8)	5.9 (2.7)	6.4 (2.9)	6.8 (3.1)	7.0 (3.2)	7.1 (3.2)	
120 (36.6)	6.2 (2.8)	7.3 (3.3)	8.3 (3.8)	9.0 (4.1)	9.3 (4.2)	120 (36.6)	5.8 (2.6)	6.6 (3.0)	7.3 (3.3)	7.8 (3.5)	8.0 (3.6)	5.5 (2.5)	6.0 (2.7)	6.5 (2.9)	6.8 (3.1)	6.9 (3.1)	
130 (39.6)	5.7 (2.6)	6.8 (3.1)	7.9 (3.6)	8.6 (3.9)	9.0 (4.1)	130 (39.6)	5.4 (2.4)	6.2 (2.8)	7.0 (3.2)	7.4 (3.4)	7.7 (3.5)	5.2 (2.4)	5.7 (2.6)	6.2 (2.8)	6.5 (2.9)	6.6 (3.0)	
140 (42.7)	5.3 (2.4)	6.4 (2.9)	7.5 (3.4)	8.2 (3.7)	8.6 (3.9)	140 (42.7)	5.1 (2.3)	5.9 (2.7)	6.6 (3.0)	7.1 (3.2)	7.4 (3.4)	5.4 (2.4)	5.9 (2.7)	6.2 (2.8)	6.2 (2.9)	6.4 (3.0)	
150 (45.7)	5.0 (2.3)	6.0 (2.7)	7.1 (3.2)	7.9 (3.6)	8.3 (3.8)	150 (45.7)		5.6 (2.5)	6.3 (2.9)	6.8 (3.1)	7.1 (3.2)	5.2 (2.4)	5.7 (2.6)	6.0 (2.7)	6.2 (2.8)	6.2 (2.8)	
160 (48.8)		5.7 (2.6)	6.7 (3.0)	7.5 (3.4)	8.0 (3.6)	160 (48.8)		5.3 (2.4)	6.0 (2.7)	6.6 (3.0)	6.9 (3.1)	5.0 (2.3)	5.5 (2.5)	5.8 (2.6)	6.0 (2.7)	6.0 (2.7)	
170 (51.8)		5.3 (2.4)	6.4 (2.9)	7.2 (3.3)	7.7 (3.5)	170 (51.8)		5.0 (2.3)	5.8 (2.6)	6.3 (2.9)	6.7 (3.0)		5.3 (2.4)	5.6 (2.5)	5.8 (2.6)	6.0 (2.7)	
180 (54.9)		5.1 (2.3)	6.1 (2.8)	6.9 (3.1)	7.4 (3.4)	180 (54.9)			5.5 (2.5)	6.1 (2.8)	6.4 (2.9)		5.1 (2.3)	5.4 (2.4)	5.6 (2.5)	5.6 (2.5)	
190 (57.9)			5.8 (2.6)	6.6 (3.0)	7.2 (3.3)	190 (57.9)			5.3 (2.4)	5.8 (2.6)	6.2 (2.8)		4.9 (2.2)	5.3 (2.4)	5.5 (2.5)	5.5 (2.5)	
200 (61.0)			5.5 (2.5)	6.3 (2.9)	6.9 (3.1)	200 (61.0)			5.1 (2.3)	5.6 (2.5)	6.0 (2.7)			4.8 (2.2)	5.1 (2.3)	5.3 (2.4)	
210 (64.0)			5.3 (2.4)	6.1 (2.8)	6.7 (3.0)	210 (64.0)			4.9 (2.2)	5.4 (2.4)	5.8 (2.6)				5.0 (2.3)	5.2 (2.4)	
220 (67.1)			5.1 (2.3)	5.8 (2.6)	6.4 (2.9)	220 (67.1)				5.3 (2.4)	5.7 (2.6)				4.9 (2.2)	5.1 (2.3)	
230 (70.1)			4.9 (2.2)	5.6 (2.5)	6.2 (2.9)	230 (70.1)				5.1 (2.3)	5.5 (2.5)				4.8 (2.2)	4.9 (2.2)	
240 (73.2)				5.4 (2.4)	6.0 (2.7)	240 (73.2)				5.0 (2.3)	5.2 (2.4)					4.8 (2.2)	
250 (76.2)				5.2 (2.4)	5.7 (2.5)	250 (76.2)				4.8 (2.2)	4.3 (2.0)					4.7 (2.1)	
260 (79.2)				5.0 (2.3)	5.5 (2.5)	260 (79.2)				4.7 (2.1)	3.5 (1.6)					4 (1.8)	
270 (82.3)				4.9 (2.2)	5.2 (2.4)	270 (82.3)					2.7 (1.2)					3.1 (1.4)	

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