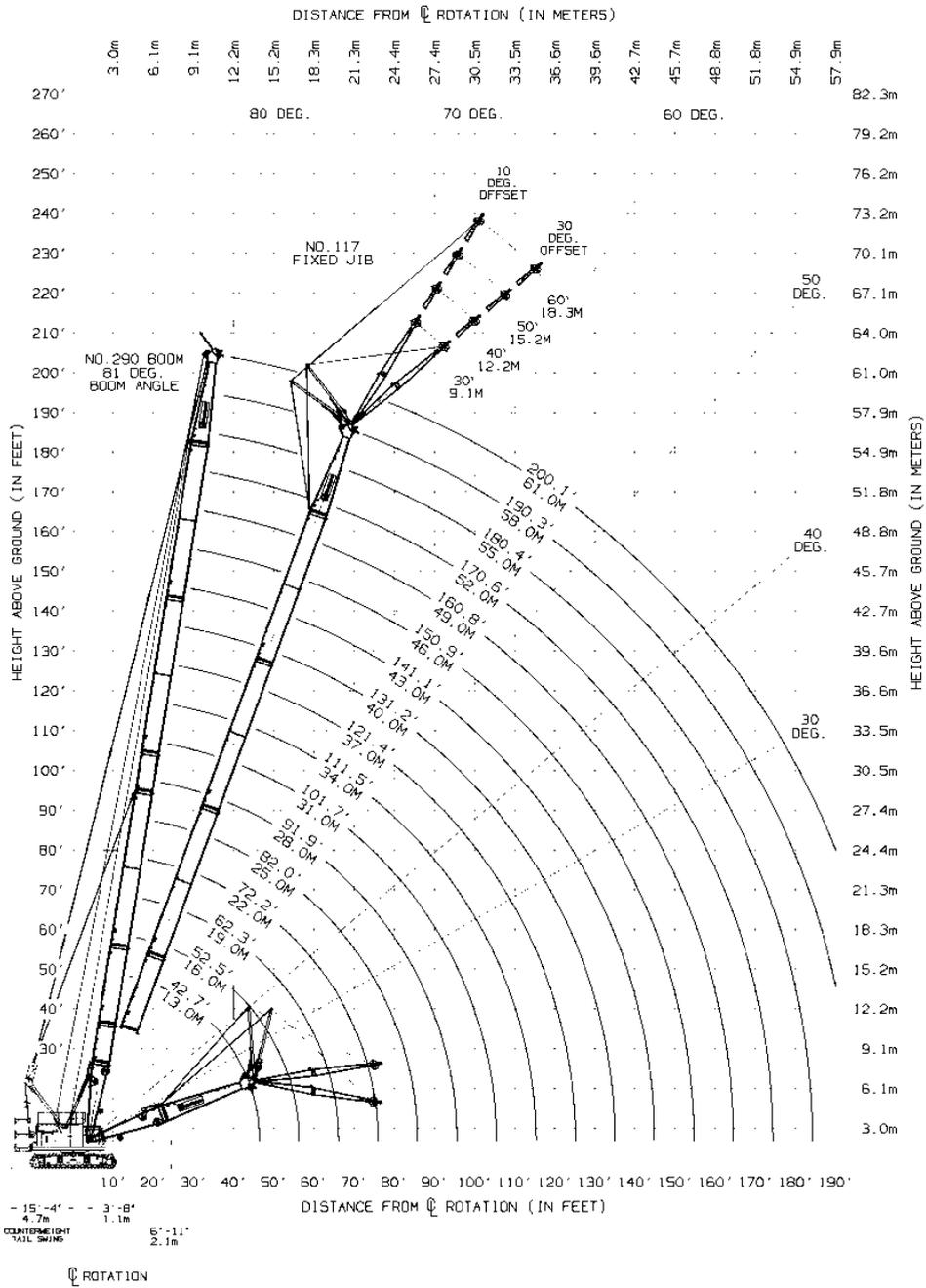


Main boom range diagram

B10:290 boom



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Main boom load chart

B10:290 boom

33 120 kg upper counterweight, 10 500 kg carbody counterweight

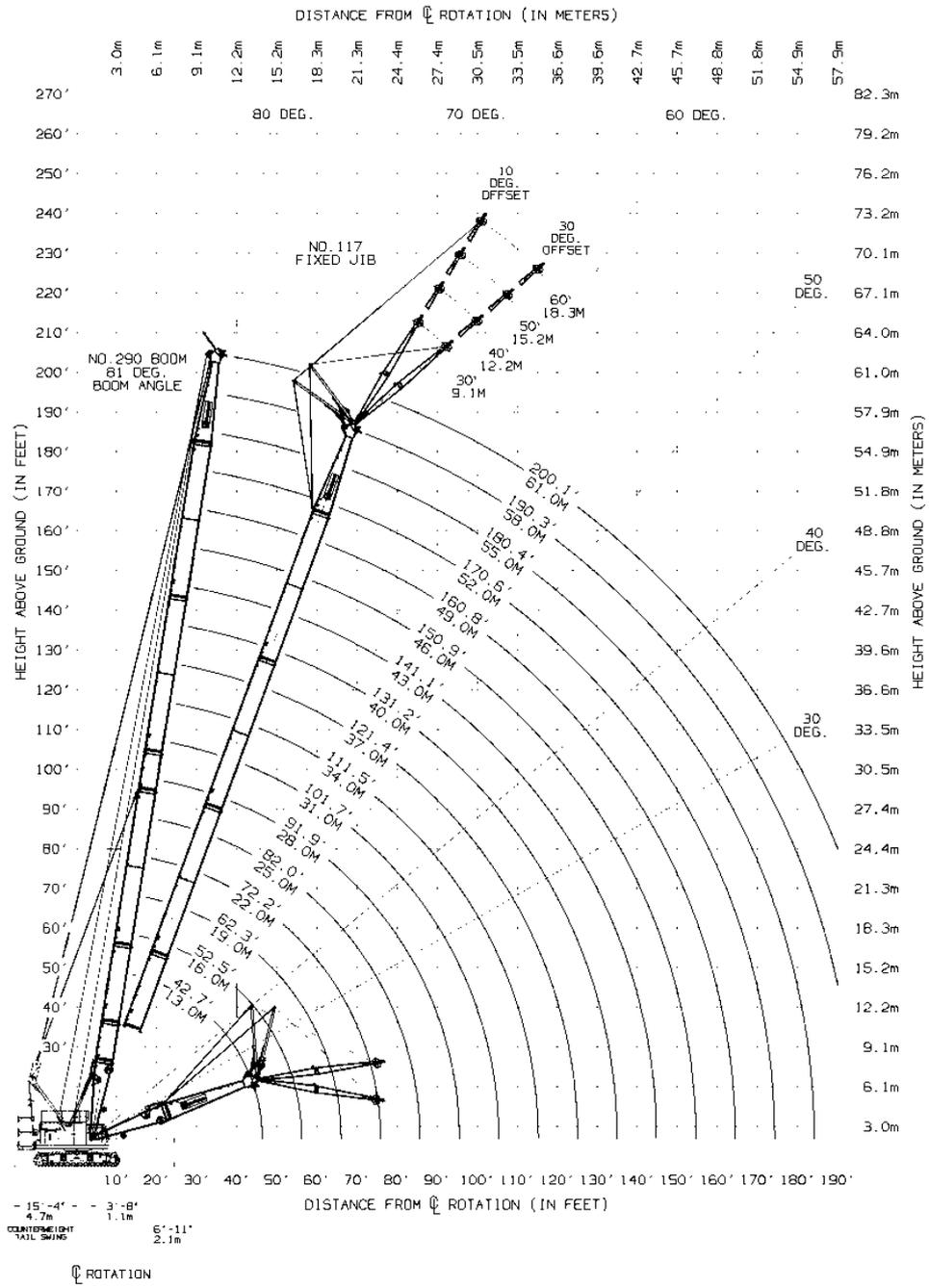
360° Radius (m)	Metric ton													
	Boom length (m)													
	13	19	25	28	31	34	37	40	43	46	49	55	61	
3,7	100													
4,0	87,8													
5,0	73,5	73,3												
6,0	61,7	61,5	61,4	57,9										
7,0	49,3	49,4	49,5	49,5	49,1	47								
8,0	40,2	40,3	40,4	40,3	40,3	40,2	40,2	39,2						
9,0	34	34	34,1	34,1	34	33,9	33,9	33,8	33,5					
10,0	29,3	29,3	29,4	29,4	29,3	29,2	29,2	29,1	29	28,9	27,8			
12,0	22,6	22,8	22,9	22,9	22,8	22,7	22,6	22,6	22,5	22,4	22,3	20,1	17,2	
14,0		18,5	18,6	18,6	18,5	18,4	18,3	18,3	18,2	18,1	18	17,8	16,5	
16,0		15,5	15,6	15,6	15,5	15,4	15,3	15,3	15,2	15,1	15	14,8	14,6	
18,0		13,2	13,3	13,3	13,2	13,1	13	13	12,9	12,8	12,7	12,5	12,2	
20,0			11,5	11,5	11,4	11,3	11,2	11,2	11,1	11	10,9	10,7	10,5	
21,0			10,8	10,8	10,7	10,6	10,5	10,4	10,3	10,3	10,1	10	9,7	
22,0			10,1	10,1	10	9,9	9,8	9,8	9,7	9,6	9,5	9,3	9	
23,0			9,5	9,5	9,4	9,3	9,2	9,2	9,1	9	8,9	8,7	8,4	
24,0			9	9	8,9	8,8	8,7	8,6	8,5	8,4	8,3	8,1	7,9	
25,0				8,5	8,4	8,3	8,2	8,1	8	7,9	7,8	7,6	7,4	
26,0				8	7,9	7,8	7,7	7,7	7,6	7,5	7,4	7,2	6,9	
27,0				7,6	7,5	7,4	7,3	7,2	7,1	7	6,9	6,7	6,5	
28,0					7,1	7	6,9	6,9	6,8	6,7	6,6	6,4	6,1	
29,0						6,7	6,6	6,5	6,4	6,3	6,2	6	5,7	
30,0							6,3	6,2	6,2	6,1	6	5,9	5,7	5,4
32,0							5,7	5,6	5,6	5,5	5,4	5,2	5,1	4,8
34,0								5,1	5	4,9	4,8	4,7	4,5	4,3
36,0									4,6	4,5	4,4	4,3	4,1	3,8
38,0									4,2	4	4	3,8	3,7	3,4
40,0										3,7	3,6	3,5	3,3	3
42,0											3,3	3,1	3	2,7
44,0											2,9	2,8	2,7	2,4
46,0												2,5	2,4	2,1
48,0													2,1	1,9
50,0													1,9	

For complete chart, refer to www.cranelibrary.com.

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Fixed jib working range

J10:117 fixed jib on B10:290 boom



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Fixed jib load chart

FJ10:117 fixed jib on B10:290 boom

33 120 kg upper counterweight, 10 500 kg carbody counterweight

360° kg x 1000

9,1 m jib at 10° offset

Radius (m)	Boom Length (m)				
	19	28	37	46	55
8,0	12.5				
10,0	12.5	12.5			
12,0	12.5	12.5	12.5		
14,0	12.5	12.5	12.5	12.5	12.5
16,0	12.5	12.5	12.5	12.5	12.5
18,0	12.4	12.5	12.5	12.4	12.1
20,0	11.4	11.6	11.3	10.9	10.6
22,0	10.4	10.2	9.9	9.5	9.2
26,0	8.3	8.1	7.7	7.4	7.1
30,0		6.6	6.2	5.9	5.6
34,0		5.4	5.1	4.8	4.4
38,0			4.2	3.9	3.5
42,0			3.5	3.2	2.8
46,0				2.6	2.3
50,0				2.1	1.8
54,0					1.3

12,2 m jib at 10° offset

Radius (m)	Boom Length (m)				
	19	28	37	46	55
9,1	12				
10,0	11.8				
12,0	11.4	11.7			
14,0	11.1	11.4	11.5	11.4	
16,0	10.8	11.2	11.4	11.3	11
18,0	10.6	11	11.2	11.2	10.9
20,0	10.1	10.8	11	11	10.7
22,0	9.3	10.3	10	9.7	9.4
26,0	8.1	8.2	7.9	7.6	7.2
30,0	7	6.7	6.4	6	5.7
34,0		5.5	5.2	4.9	4.6
38,0		4.6	4.3	4	3.7
42,0			3.6	3.3	3
46,0			3	2.7	2.4
50,0				2.2	1.9
54,0				1.8	1.5

15,2 m jib at 10° offset

Radius (m)	Boom Length (m)				
	19	28	37	46	55
10,4	10.4				
12,0	10.1	10.3			
14,0	9.8	10.1	10.1		
16,0	9.5	9.8	9.9	9.8	
18,0	9.3	9.6	9.8	9.7	9.5
20,0	8.8	9.5	9.6	9.6	9.4
22,0	8	9.3	9.5	9.4	9.2
26,0	6.8	8.3	8	7.7	7.3
30,0	5.9	6.8	6.4	6.1	5.8
34,0		5.6	5.3	5	4.7
38,0		4.7	4.4	4.1	3.8
42,0		4	3.7	3.4	3
46,0			3.1	2.8	2.5
50,0			2.6	2.3	2
54,0				1.9	1.5
58,0				1.4	1.2

18,3 m jib at 10° offset

Radius (m)	Boom Length (m)				
	19	28	37	46	55
11,0	9.3				
12,0	9.2				
14,0	8.9	9	9		
16,0	8.6	8.8	8.9	8.7	
18,0	8.3	8.6	8.7	8.6	7.9
20,0	8.1	8.4	8.5	8.5	7.8
22,0	7.3	8.3	8.4	8.4	7.7
26,0	6.1	7.9	8	7.7	7.4
30,0	5.3	6.8	6.5	6.2	5.9
34,0	4.7	5.7	5.4	5	4.7
38,0		4.8	4.5	4.1	3.8
42,0		4.1	3.7	3.4	3.1
46,0			3.2	2.8	2.5
50,0			2.7	2.3	2
54,0				1.9	1.6
58,0				1.5	1.2

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