FCC100C Load Chart

Boom

Unit: ton

Radius(m) \ Boom (m)	13.0m	16.0m	19.0m	22.0m	25.0m	28.0m	31.0m	34.0m	37.0m	40.0m	43.0m	46.0m	49.0m	52.0m	55.0m	58.0m	61.0m
3.0m	3.9m/100																
4.0m	90.0	4.4m/83.8	4.9m/68.4														
5.0m	72.9	69.8	67.0	5.4m/57.5	6.0m/49.5												
6.0m	56.5	54.4	52.6	50.8	49.1	6.5m/43.2											
7.0m	45.7	44.5	43.2	41.9	40.6	39.4	7.0m/38.2	7.5m/34.1									
8.0m	37.5	37.4	36.6	35.5	34.6	33.6	32.7	31.8	8.0m/30.7	8.6m/27.7							
9.0m	31.8	31.6	31.5	30.8	30.0	29.3	28.5	27.7	27.0	26.2	9.1m/25.2	9.6m/23.0					
10.0m	27.5	27.3	27.3	27.1	26.5	25.9	25.2	24.5	23.9	23.2	22.6	22.0	10.1m/21.0	10.7m/19.3	11.2m/17.7	11.7m/16.3	
12.0m	21.6	21.4	21.3	21.1	21.0	20.9	20.3	19.8	19.3	18.8	18.3	17.8	17.3	16.8	16.3	15.8	12.2m/15.0
14.0m	12.7m/20.0	17.5	17.4	17.2	17.1	17.0	16.8	16.5	16.1	15.6	15.2	14.8	14.4	13.9	13.6	13.1	12.7
16.0m		15.3m/15.6	14.6	14.4	14.3	14.2	14.0	13.9	13.7	13.3	13.0	12.6	12.2	11.8	11.5	11.1	10.7
18.0m			17.9m/12.6	12.3	12.2	12.1	11.9	11.8	11.7	11.5	11.2	10.9	10.5	10.1	9.8	9.5	9.2
20.0m				10.7	10.6	10.5	10.3	10.2	10.1	9.9	9.7	9.5	9.1	8.8	8.5	8.2	7.9
22.0m				20.5m/10.3	9.3	9.2	9.0	8.9	8.8	8.6	8.4	8.3	8.0	7.7	7.5	7.2	6.9
24.0m					23.1m/8.7	8.1	7.9	7.8	7.7	7.5	7.4	7.3	7.1	6.8	6.6	6.3	6.0
26.0m						25.7m/7.4	7.0	6.9	6.8	6.6	6.5	6.4	6.2	6.1	5.8	5.6	5.3
28.0m							6.3	6.2	6.1	5.9	5.8	5.6	5.4	5.3	5.2	4.9	4.7
30.0m							28.3m/6.2	5.6	5.4	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.1
32.0m								30.9m/5.3	4.9	4.7	4.6	4.4	4.2	4.1	4.0	3.9	3.7
34.0m									33.5m/4.5	4.2	4.1	3.9	3.7	3.6	3.5	3.4	3.2
36.0m										3.8	3.6	3.5	3.3	3.2	3.1	3.0	2.8
38.0m										36.1m/3.7	3.3	3.1	2.9	2.8	2.7	2.6	2.4
40.0m											38.7m/3.1	2.8	2.6	2.5	2.4	2.2	2.1
42.0m												41.3m/2.6	2.3	2.2	2.1	1.9	1.8
44.0m													43.9m/2.0	1.9	1.8	1.6	1.5
46.0m														1.6	1.5	1.4	1.2

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	25.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
10.0m																					
12.0m	18.4																				
14.0m	15.8			15.4			15.1														
16.0m	13.9			13.6			13.2			12.9			12.6								
18.0m	12.4			12.1			11.8			11.5			11.2			10.9			9.8		
20.0m	11.2	10.2		10.9			10.6			10.3			10.1			9.8			9.1		
22.0m	10.2	9.3		9.9	9.0		9.7	8.8		9.4			9.2			8.9			8.4		
24.0m	9.5	8.5		9.1	8.3		8.9	8.0		8.6	7.8		8.4			8.2			7.8		
26.0m		7.9		8.4	7.6		8.2	7.4		7.9	7.2		7.7	7.0		7.5			7.3		
28.0m		7.3	6.6		7.1		7.6	6.9		7.4	6.6		7.2	6.4		7.0	6.3		6.7	6.0	
30.0m			6.1		6.6	6.0		6.4	5.8	6.9	6.2		6.7	6.0		6.5	5.8		6.3	5.6	
32.0m			5.6			5.5		6.0	5.4	6.5	5.8	5.2	6.2	5.6		6.0	5.4		5.8	5.2	
34.0m						5.1		5.6	5.0		5.4	4.9	5.9	5.2	4.7	5.7	5.1		5.4	4.9	
36.0m									4.7		5.1	4.6		4.9	4.4	5.3	4.7	4.2	5.1	4.5	
38.0m									4.4			4.2		4.6	4.1	5.1	4.5	4.0	4.7	4.3	3.8
40.0m												4.0		4.3	3.9		4.2	3.7	4.4	4.0	3.5
42.0m															3.6		4.0	3.5		3.8	3.3
44.0m															3.4			3.3		3.6	3.2
46.0m																		3.1			3.0
48.0m																					2.8
50.0m																					2.6

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	28.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
10.0m																					
12.0m	17.9																				
14.0m	15.4			15.0			14.7														
16.0m	13.6			13.2			12.9			12.6			12.2								
18.0m	12.1			11.8			11.5			11.2			10.9			10.6			9.8		
20.0m	11.0.	9.9		10.6			10.4			10.1			9.8			9.6			9.1		
22.0m	10.0	9.0		9.7	8.7		9.4			9.2			8.9			8.7			8.4		
24.0m	9.2	8.2		8.9	8.0		8.7	7.7		8.4			8.2			8.0			7.7		
26.0m		7.6		8.3	7.3		8.0	7.1		7.7	6.9		7.5	6.7		7.3			7.1		
28.0m		7.1	6.3		6.8		7.4	6.6		7.2	6.4		7.0	6.2		6.8	6.0		6.6		
30.0m			5.9		6.4	5.6	7.0	6.1		6.7	5.9		6.5	5.7		6.3	5.6		6.1	5.3	
32.0m			5.4		5.9	5.3		5.8	5.1	6.3	5.5		6.1	5.3		5.9	5.2		5.7	5.0	
34.0m						4.9		5.4	4.8		5.2	4.6	5.7	5.0		5.5	4.8		5.3	4.6	
36.0m						4.6			4.5		4.9	4.3		4.7	4.1	5.2	4.5		5.0	4.3	
38.0m									4.2			4.0		4.4	3.9	4.9	4.3	3.7	4.7	4.1	
40.0m												3.8		4.2	3.6		4.0	3.5	4.5	3.8	3.3
42.0m												3.5			3.4		3.8	3.3		3.6	3.1
44.0m															3.2			3.1		3.4	2.9
46.0m																		3.0		3.3	2.8
48.0m																		2.8			2.6
50.0m																					2.5

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	31.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
10.0m																					
12.0m	17.4																				
14.0m	15.0			14.6			14.3														
16.0m	13.2			12.9			12.6			12.2			11.9								
18.0m	11.8			11.5			11.2			10.9			10.6			10.3			9.9		
20.0m	10.7			10.4			10.1			9.8			9.6			9.3			9.1		
22.0m	9.8	8.6		9.5	8.3		9.2			8.9			8.7			8.5			8.2		
24.0m	9.0	7.9		8.7	7.6		8.5	7.4		8.2			8.0			7.8			7.5		
26.0m		7.3		8.1	7.0		7.8	6.8		7.6	6.6		7.4			7.1			6.9		
28.0m		6.8			6.5		7.3	6.3		7.0	6.1		6.8	5.9		6.6	5.7		6.4		
30.0m			5.5		6.1		6.8	5.9		6.6	5.7		6.3	5.5		6.2	5.3		5.9	5.1	
32.0m			5.2		5.7	4.9		5.5		6.2	5.3		5.9	5.1		5.7	4.9		5.5	4.7	
34.0m			4.8			4.6		5.2	4.4		4.9		5.6	4.8		5.4	4.6		5.2	4.4	
36.0m						4.4			4.2		4.7	4.0	5.3	4.5		5.1	4.3		4.9	4.1	
38.0m						4.1			3.9		4.4	3.7		4.2	3.6	4.8	4.1		4.6	3.9	
40.0m									3.7			3.5		4.0	3.4		3.8	3.2	4.4	3.6	
42.0m												3.3			3.2		3.6	3.0		3.4	2.8
44.0m															3.0		3.5	2.8		3.3	2.7
46.0m															2.9			2.7		3.1	2.5
48.0m																		2.6			2.4
50.0m																					2.3
52.0m																					2.2

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	34.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
10.0m																					
12.0m	16.9																				
14.0m	14.6			14.2			13.9														
16.0m	12.9			12.5			12.2			11.9			11.6								
18.0m	11.5			11.2			10.9			10.6			10.3			10.1			9.8		
20.0m	10.4			10.1			9.9			9.6			9.3			9.1			8.8		
22.0m	9.5	8.3		9.2			9.0			8.7			8.5			8.2			8.0		
24.0m	8.8	7.6		8.5	7.3		8.2			8.0			7.8			7.6			7.3		
26.0m		7.0		7.9	6.7		7.6	6.5		7.4	6.3		7.2			7.0			6.7		
28.0m		6.5			6.2		7.1	6.0		6.8	5.8		6.6	5.6		6.4			6.2		
30.0m		6.1	5.2		5.8		6.7	5.6		6.4	5.4		6.2	5.2		6.0	5.0		5.8		
32.0m			4.8		5.5	4.6		5.3		6.0	5.0		5.8	4.9		5.6	4.7		5.4	4.5	
34.0m			4.5			4.3		4.9	4.1		4.7		5.4	4.5		5.3	4.4		5.0	4.2	
36.0m			4.3			4.1		4.7	3.9		4.4	3.7	5.2	4.3		4.9	4.1		4.7	3.9	
38.0m						3.8			3.7		4.2	3.5		4.0	3.3	4.7	3.9		4.5	3.7	
40.0m									3.5			3.3		3.8	3.1		3.6	2.9	4.2	3.4	
42.0m									3.3			3.1		3.6	2.9		3.4	2.8	4.0	3.2	2.6
44.0m												2.9			2.8		3.3	2.6		3.1	2.4
46.0m															2.6			2.5		2.9	2.3
48.0m																		2.3		2.8	2.2
50.0m																		2.2			2.0
52.0m																					1.9

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	37.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
14.0m	14.2			13.8																	
16.0m	12.5			12.2			11.9			11.5											
18.0m	11.2			10.9			10.6			10.3			10.0			9.8					
20.0m	10.2			9.9			9.6			9.3			9.1			8.8			8.5		
22.0m	9.3	7.9		9.0			8.7			8.5			8.2			8.0			7.7		
24.0m	8.6	7.2		8.3	6.9		8.0			7.8			7.5			7.3			7.1		
26.0m		6.6		7.7	6.4		7.4	6.2		7.2			7.0			6.8			6.5		
28.0m		6.2			5.9		6.9	5.7		6.7	5.5		6.5	5.3		6.3			6.0		
30.0m		5.8			5.5		6.5	5.3		6.2	5.1		6.0	4.9		5.8	4.7		5.6		
32.0m			4.5		5.2			5.0		5.8	4.8		5.6	4.6		5.4	4.4		5.2	4.2	
34.0m			4.2		4.9	4.0		4.7			4.5		5.3	4.3		5.1	4.1		4.9	3.9	
36.0m			3.9			3.7		4.4	3.6		4.2		5.0	4.0		4.8	3.8		4.6	3.7	
38.0m						3.5			3.3		4.0	3.1		3.8		4.5	3.6		4.3	3.4	
40.0m						3.3			3.2		3.8	3.0		3.6	2.8		3.4		4.1	3.2	
42.0m									3.0			2.8		3.4	2.6		3.2	2.5	3.9	3.0	
44.0m												2.6			2.5		3.1	2.3		2.9	2.1
46.0m												2.5			2.3			2.2		2.7	2.0
48.0m															2.2			2.1		2.6	1.9
50.0m																		2.0			1.8
52.0m																		1.9			1.7
54.0m																					1.6

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	40.8m																				
Luffingm	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
14.0m	13.8			13.4																	
16.0m	12.2			11.9			11.5			11.2											
18.0m	10.9			10.6			10.3			10.0			9.7			9.5					
20.0m	9.9			9.6			9.3			9.0			8.8			8.5			8.3		
22.0m	9.1			8.8			8.5			8.2			8.0			7.8			7.5		
24.0m	8.4	6.9		8.1			7.8			7.6			7.3			7.1			6.9		
26.0m		6.3		7.5	6.1		7.2	5.9		7.0			6.8			6.6			6.3		
28.0m		5.9		7.0	5.6		6.7	5.4		6.5	5.2		6.3			6.1			5.9		
30.0m		5.5			5.3		6.3	5.1		6.0	4.8		5.8	4.7		5.7			5.4		
32.0m		5.2			4.9			4.7		5.7	4.5		5.5	4.3		5.3	4.2		5.1	3.9	
34.0m			3.9		4.6			4.4			4.2		5.1	4.0		5.0	3.9		4.7	3.7	
36.0m			3.6			3.4		4.2			4.0		4.9	3.8		4.7	3.6		4.5	3.4	
38.0m			3.4			3.2			3.1		3.7	2.9		3.6		4.4	3.4		4.2	3.2	
40.0m						3.0			2.9		3.5	2.7		3.4	2.5		3.2		4.0	3.0	
42.0m									2.7			2.5		3.2	2.4		3.0	2.2	3.8	2.8	
44.0m									2.6			2.4			2.2		2.9	2.1		2.7	1.9
46.0m												2.3			2.1		2.7	1.9		2.5	1.8
48.0m															2.0			1.8		2.4	1.7
50.0m															1.9			1.7			1.6
52.0m																		1.6			1.5
54.0m																					1.4
56.0m																					1.3

FCC100C Load Chart

Luffing jib

Unit: ton

Boom m	43.8m																				
Luffing m	21.0m			24.0m			27.0m			30.0m			33.0m			36.0m			39.0m		
Boom angle	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°	86°	76°	66°
14.0m	13.4			13.0																	
16.0m	11.9			11.5			11.2			10.8											
18.0m	10.6			10.3			10.0			9.7			9.4			9.2					
20.0m	9.6			9.3			9.1			8.8			8.5			8.3			8.0		
22.0m	8.8			8.5			8.3			8.0			7.8			7.5			7.3		
24.0m	8.1	6.5		7.8			7.6			7.3			7.1			6.9			6.7		
26.0m		6.0		7.3	5.8		7.0			6.8			6.6			6.4			6.1		
28.0m		5.6		6.8	5.3		6.5	5.1		6.3	4.9		6.1			5.9			5.7		
30.0m		5.2			5.0		6.1	4.8		5.9	4.6		5.7	4.4		5.5			5.3		
32.0m		4.9			4.7			4.5		5.5	4.3		5.3	4.1		5.1	3.9		4.9		
34.0m			3.5		4.4			4.2		5.2	4.0		5.0	3.8		4.8	3.6		4.6	3.4	
36.0m			3.3			3.1		3.9			3.7		4.7	3.6		4.5	3.4		4.3	3.2	
38.0m			3.1			2.9		3.7	2.8		3.5			3.3		4.3	3.2		4.1	3.0	
40.0m			3.0			2.8			2.6		3.3	2.4		3.2			3.0		3.8	2.8	
42.0m						2.6			2.4			2.2		3.0	2.1		2.8		3.7	2.6	
44.0m									2.3			2.1		2.8	2.0		2.7	1.8		2.5	
46.0m												2.0			1.8		2.5	1.7		2.3	1.5
48.0m												1.9			1.7			1.6		2.2	1.4
50.0m															1.6			1.5		2.1	1.3
52.0m																		1.4			1.2
54.0m																		1.3			1.1
56.0m																					1.1

FCC100C Load Chart

Runner

Unit: ton

Radius(m) \ Boom(m)	13.0m	16.0m	19.0m	22.0m	25.0m	28.0m	31.0m	34.0m	37.0m	40.0m	43.0m	46.0m	49.0m	52.0m	55.0m	58.0m	61.0m
4.0m	4.2m/9.0	4.7m/9.0															
5.0m	9.0	9.0	5.2m/9.0	5.7m/9.0													
6.0m	9.0	9.0	9.0	9.0	6.3m/9.0	6.8m/9.0											
7.0m	9.0	9.0	9.0	9.0	9.0	9.0	7.3m/9.0	7.8m/9.0									
8.0m	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.4m/9.0	8.9m/9.0							
9.0m	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.4m/9.0	9.9m/9.0					
10.0m	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	10.4m/9.0	11.0m/9.0			
11.0m	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	11.5m/9.0		
12.0m	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12.0m/9.0	12.5m/9.0
14.0m	12.9m/9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
16.0m		15.5m/9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
18.0m			9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7
20.0m				9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7	8.9	8.1	8.8	7.5
22.0m				20.6m/9.0	8.8	8.7	8.5	8.4	8.3	8.1	8.0	7.9	7.5	7.8	7.0	6.7	6.4
24.0m					23.2m/8.1	7.6	7.4	7.3	7.2	7.0	6.9	6.8	6.6	6.9	6.1	5.9	5.6
26.0m						25.8m/6.7	6.6	6.5	6.3	6.1	6.0	5.9	5.7	6.1	5.4	5.1	4.8
28.0m							5.8	5.7	5.6	5.4	5.3	5.2	5.0	5.3	4.7	4.5	4.2
30.0m							28.4m/5.7	5.1	4.9	4.7	4.6	4.5	4.3	4.7	4.1	3.9	3.7
32.0m								31.0m/4.8	4.4	4.2	4.1	4.0	3.8	4.1	3.5	3.4	3.2
34.0m									33.6m/4.0	3.7	3.6	3.5	3.3	3.6	3.0	2.9	2.8
36.0m										3.3	3.2	3.0	2.8	3.2	2.6	2.5	2.3
38.0m										36.2m/3.2	2.8	2.7	2.5	2.8	2.2	2.1	2.0
40.0m											38.8m/2.6	2.3	2.1	2.5	1.9	1.8	1.6
42.0m												41.4m/2.1	1.8	2.2	1.6	1.4	1.3
44.0m													1.5	1.9	1.3	1.3	1.0
46.0m													44.0m/1.5	1.6	1.0		