



Operating Radius (m)	Total Rated Loads - Main Boom Outriggers fully extended 360° Full Range			
	9.50m	16.50m	23.50m	30.50m
2.50	25.00	18.00		
3.00	25.00	18.00	12.50	
3.50	25.00	18.00	12.50	
4.00	23.00	18.00	12.50	7.00
4.50	21.20	18.00	12.50	7.00
5.00	19.40	16.70	12.50	7.00
5.50	17.80	15.60	11.85	7.00
6.00	16.30	14.60	11.20	7.00
6.50	15.10	13.80	10.60	7.00
7.00		13.00	10.10	7.00
7.50		12.20	9.60	7.00
8.00		11.40	9.10	7.00
9.00		9.20	8.20	6.40
10.00		7.50	7.40	5.90
11.00		6.20	6.60	5.35
12.00		5.20	5.90	4.90
13.00		4.40	5.05	4.50
13.50		4.10	4.70	4.30
14.00			4.40	4.15
15.00			3.85	3.85
15.50			3.60	3.70
16.00			3.35	3.55
17.00			2.95	3.20
18.00			2.60	2.85
19.00			2.25	2.55
20.00			1.95	2.30
20.50			1.85	2.15
21.00				2.05
22.00				1.80
24.00				1.40
26.00				1.15
27.50				0.95

Total Rated Loads – 30.5m + 7.9m Manual Jib Outriggers fully extended 360° Full Range			
Boom angle (°)	30.5m		
	5°	25°	45°
83°	3.00	2.10	1.60
74°	3.00	2.10	1.60
72°	3.00	2.10	1.60
69.5°	2.75	2.10	1.56
65°	2.32	1.83	1.51
60°	1.98	1.61	1.38
55°	1.71	1.41	1.26
52.5°	1.44	1.33	1.21
51°	1.30	1.21	1.19
50°	0.21	1.14	1.12
46°	0.94	0.87	0.86
40°	0.60	0.56	
36°	0.41	0.39	
Critical Angle	34°	34°	44°

Total Rated Loads – 30.5m + 13m Manual Jib Outriggers fully extended 360° Full Range			
Boom angle (°)	30.5m		
	5°	25°	45°
83°	2.00	1.25	0.85
76.5°	2.00	1.25	0.85
75.5°	2.00	1.21	0.85
70°	1.68	1.08	0.82
65°	1.43	0.98	0.79
60°	1.22	0.91	0.77
55°	1.08	0.86	0.75
51°	0.99	0.82	0.74
49°	0.87	0.81	0.74
47.5°	0.79	0.73	0.73
46°	0.70	0.66	0.67
39°	0.40	0.38	
Critical Angle	34°	34°	44°

OPERATING RADIUS - LIFTING HEIGHT

