



Operating Radius (m)	Total Rated Loads - Main Boom				
	Outriggers fully extended				
	Front jack extended (360°) / Front jack not extended (over sides and rear)				
	10.9m	18.55m	26.2m	33.85m	41.5m
3.00	50.00	28.00			
3.50	43.00	28.00			
4.00	38.00	28.00	18.00		
4.50	34.00	28.00	18.00		
5.00	30.20	28.00	18.00	13.50	
5.50	27.50	25.80	18.00	13.50	
6.00	25.00	23.70	18.00	13.50	7.50
6.50	22.70	22.00	18.00	13.50	7.50
7.00	20.70	20.20	17.40	13.50	7.50
7.50	18.90	18.60	16.30	13.10	7.50
8.00	17.40	17.10	15.40	12.70	7.50
8.50	16.00	15.80	14.50	12.10	7.50
9.00	14.40	14.00	13.70	11.50	7.50
10.00		11.40	11.05	10.50	7.50
11.00		9.45	9.30	9.60	7.10
12.00		7.90	7.75	8.80	6.60
13.00		6.70	6.50	7.40	6.15
14.00		5.65	5.50	6.35	5.75
16.00		4.05	3.90	4.75	5.00
18.00			2.55	3.55	4.05
20.00			1.55	2.50	3.10
22.00			0.75	1.70	2.25
24.00				1.05	1.60
26.00				0.50	1.05
28.00					0.55

		Total Rated Loads – 41.5m Boom + 15m Jib					
		<ul style="list-style-type: none"> • Outriggers fully extended (7.5m) Over Side • Outriggers full extended (7.5m) intermediately extended (6.2m/5.05m/4.0m) : Over Rear • Outriggers full extended (7.5m) intermediately extended (6.2m/5.05m) with front jack : Over Front 					
E	D	OFFSET 5°		OFFSET 25°		OFFSET 45°	
		Working radius (m)	Load (t)	Working radius (m)	Load (t)	Working radius (m)	Load (t)
83°		9.05	2.40	13.90	1.35	17.45	0.80
81°		11.25	2.40	15.90	1.35	19.30	0.80
80°		12.30	2.40	16.85	1.32	20.15	0.80
79°		13.40	2.39	17.80	1.28	21.00	0.80
78°		14.40	2.26	18.80	1.24	21.90	0.80
77°		15.40	2.14	19.80	1.21	22.80	0.78
76°		16.40	2.04	20.75	1.18	23.70	0.77
75°		17.40	1.95	21.70	1.15	24.50	0.76
74°		18.45	1.87	22.60	1.12	25.40	0.74
72°		20.35	1.71	24.40	1.07	27.05	0.72
70°		22.20	1.57	26.10	1.03	28.70	0.70
68°		24.00	1.45	27.80	0.99	30.25	0.69
66°		25.80	1.32	29.40	0.94	31.80	0.67
64°		27.50	1.21	31.00	0.88	33.25	0.66
62°		29.10	1.06	32.55	0.82	34.60	0.65
60°		30.65	0.55	34.10	0.48	36.00	0.63
58°		32.10	0.32				
Critical Angle		55°		56°		57°	

