

2.3 RATED CRANE LOAD TABLE
(1) BOOM RATED LOADS (ton)/WITH OUTRIGGERS USED



Boom Length (m) Operating Radius (m)		Outriggers Max. (5.1m) Extended (Whole around)					Outriggers Mid. (4.2m) Extended (Over side)					Outriggers Mid. (3.2m) Extended (Over side)					Outriggers Min. Extended (Over side)					Boom Length (m) Operating Radius (m)	
		6.7	11.3	15.9	20.4	25	6.7	11.3	15.9	20.4	25	6.7	11.3	15.9	20.4	25	6.7	11.3	15.9	20.4	25		
2.5		16.00	12.00	9.00	7.00		16.00	12.00	9.00	7.00		16.00	12.00	9.00	7.00		7.75	7.80	7.80	7.00		2.5	
3.0		16.00	12.00	9.00	7.00		16.00	12.00	9.00	7.00		13.00	12.00	9.00	7.00		5.55	5.60	5.60	6.10		3.0	
3.5		14.00	12.00	9.00	7.00	5.00	14.00	12.00	9.00	7.00	5.00	10.00	10.00	9.00	7.00	5.00	4.20	4.30	4.25	4.70	4.70	3.5	
4.0		12.50	12.00	9.00	7.00	5.00	12.50	12.00	9.00	7.00	5.00	7.70	7.80	7.20	7.00	5.00	3.30	3.40	3.35	3.70	3.80	4.0	
4.5		11.50	11.10	8.50	7.00	5.00	11.20	10.55	8.30	7.00	5.00	5.40	6.20	6.10	6.45	5.00	2.65	2.70	2.70	3.00	3.10	4.5	
5.0			10.25	8.05	7.00	5.00		9.15	7.65	7.00	5.00		5.10	5.00	5.30	5.00		2.20	2.25	2.55	2.65	5.0	
5.5			9.40	7.60	6.60	4.75		7.75	6.95	6.55	4.75		4.30	4.20	4.50	4.70		1.80	1.85	2.10	2.25	5.5	
6.0			8.55	7.15	6.20	4.55		6.55	6.30	6.10	4.55		3.60	3.60	3.85	4.05		1.50	1.55	1.80	1.90	6.0	
6.5			7.70	6.70	5.80	4.35		5.65	5.60	5.70	4.35		3.10	3.10	3.35	3.55		1.25	1.30	1.55	1.65	6.5	
7.0			6.85	6.20	5.50	4.15		4.90	4.95	5.25	4.15		2.70	2.70	2.95	3.10		1.05	1.05	1.30	1.45	7.0	
7.5			6.00	5.70	5.15	3.90		4.30	4.40	4.70	3.95		2.40	2.35	2.60	2.80		0.85	0.85	1.15	1.30	7.5	
8.0			5.30	5.20	4.85	3.70		3.80	3.85	4.20	3.70		2.10	2.05	2.30	2.50		0.70	0.70	0.95	1.10	8.0	
9.0			4.25	4.25	4.30	3.30		3.05	3.10	3.40	3.30		1.65	1.60	1.85	2.00			0.45	0.70	0.85	9.0	
10.0				3.50	3.75	3.00			2.50	2.80	2.90			1.25	1.50	1.65			0.30 (9.5m)	0.50	0.65	10.0	
11.0				2.90	3.20	2.70			2.05	2.35	2.50			1.00	1.20	1.35				0.29	0.50	11.0	
12.0				2.45	2.75	2.50			1.70	1.95	2.15			0.80	1.00	1.15					0.30	12.0	
13.0				2.05	2.35	2.30			1.40	1.65	1.85			0.63	0.80	0.95						13.0	
14.0				1.85 (13.6m)	2.05	2.10			1.25 (13.6m)	1.45	1.60			0.50 (13.6m)	0.65	0.80						14.0	
15.0				1.75	1.90					1.20	1.40				0.55	0.65						15.0	
16.0				1.50	1.70					1.00	1.20				0.40	0.55						16.0	
17.0				1.32	1.50					0.80	1.00					0.45						17.0	
18.0				1.15	1.30					0.65	0.85					0.35						18.0	
19.0				1.15 (18.1m)	1.15					0.60 (18.1m)	0.70											19.0	
20.0					1.00						0.60											20.0	
21.0					0.90						0.50											21.0	
22.0					0.80						0.40											22.0	
24.0					0.74 (22.7m)						0.35 (22.7m)											24.0	
26.0																						26.0	
28.0																						28.0	
30.0																						30.0	
Min. Boom Angle		0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	29°	37°	0°	0°	45°	52°	57°	Min. Boom Angle	

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