

6.3 RATED CRANE LOAD TABLE

(1) BOOM RATED LOADS (ton) WITH OUTRIGGERS USED

[Unit: ton]

Boom Length (m) Operating Radius (m)	Outriggers Max. (5.1m) Ext. (Whole around)					Outriggers Mid. (4.2m) Ext. (Over side)					Outriggers Mid. (3.2m) Ext. (Over side)					Outriggers Min. Ext. (Over side)					Boom Length (m) Operating Radius (m)
	6.7	11.3	15.9	20.4	25.0	6.7	11.3	15.9	20.4	25.0	6.7	11.3	15.9	20.4	25.0	6.7	11.3	15.9	20.4	25.0	
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		16.00	12.00	9.00	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		13.00	12.00	9.00	7.00		3.0
3.5	14.00	12.00	9.00	7.00		14.00	12.00	9.00	7.00		10.00	10.00	9.00	7.00		10.00	10.00	9.00	7.00		3.5
4.0	12.50	12.00	9.00	7.00		12.50	12.00	9.00	7.00		7.70	7.80	7.20	7.00		7.00	7.00	7.00	5.00		4.0
4.5	11.50	11.10	8.50	7.00		11.20	10.55	8.30	7.00		6.20	6.10	6.10	6.45		5.00	5.00	5.00	3.30		4.5
5.0		10.25	8.05	7.00			9.15	7.65	7.00		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			7.75	6.95	6.55		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			6.55	6.30	6.10		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			5.65	5.60	5.70		3.10	3.10	3.35	3.55		1.25	1.30	1.55	1.65		6.5
7.0		6.84	6.20	5.50			4.90	4.95	5.25		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			4.30	4.40	4.70		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			3.80	3.85	4.20		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			3.05	3.10	3.40		1.65	1.60	1.85	2.00		0.45	0.45	0.70	0.85		9.0
10.0			3.50	3.75			2.50	2.80	2.90		1.25	1.50	1.65			0.30 (9.5m)	0.50	0.70	0.65		10.0
11.0			2.90	3.20			2.05	2.35	2.50		1.00	1.20	1.35				0.29	0.50	0.50		11.0
12.0			2.45	2.75			1.70	1.95	2.15		0.80	0.80	1.00	1.15				0.30	0.30		12.0
13.0			2.05	2.35			1.40	1.65	1.85		0.63	0.63	0.80	0.95							13.0
14.0			1.85 (13.6m)	2.05			1.25 (13.6m)	1.45	1.60		0.50 (13.6m)	0.65	0.80								14.0
15.0				1.75				1.20	1.40		0.55	0.65									15.0
16.0				1.50				1.00	1.20		0.40	0.55									16.0
17.0				1.32				0.80	1.00			0.45									17.0
18.0				1.15				0.65	0.85			0.35									18.0
19.0				1.15 (18.1m)				0.60 (18.1m)	0.70												19.0
20.0								0.60	0.60												20.0
21.0								0.50	0.50												21.0
22.0								0.40	0.40												22.0
24.0									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

(2) BOOM RATED LOADS (ton)/WITH OUTRIGGERS USED

[Unit: ton]

Boom Length (m)	Stationary Lifting										Picking and Carrying (2 km/h and less)										Boom Length (m)	Operating Radius (m)
	6.7		11.3		15.9		20.4		6.7		11.3		15.9		20.4							
Operating Radius(m)	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around	Front	Whole Around				
3.0	9.50	4.40	9.50	4.50	8.50	8.30	4.65	6.50	5.00	7.00	4.35	7.20	4.40	6.50	4.45	6.00	3.00	3.00				
3.5	8.30	3.50	8.30	3.65	8.30	3.70	6.50	4.00	6.15	3.30	3.30	6.30	3.35	5.75	3.60	6.00	3.00	3.00				
4.0	7.30	2.80	7.30	2.90	7.30	3.00	6.50	3.30	5.40	2.60	2.60	5.60	2.65	5.00	2.85	5.60	3.00	3.00				
4.5	6.60	2.20	6.40	2.40	6.60	2.45	6.50	2.75	4.75	2.10	2.10	4.70	2.10	4.15	2.30	4.80	2.50	2.50				
5.0			5.45	1.90	5.65	2.00	5.35	2.30				3.90	1.75	3.50	1.90	4.10	2.10	2.10				
5.5			4.60	1.60	4.70	1.65	4.45	2.00				3.30	1.45	3.00	1.55	3.50	1.80	1.80				
6.0			3.95	1.30	4.00	1.35	3.90	1.70				2.80	1.20	2.65	1.30	3.00	1.50	1.50				
6.5			3.40	1.05	3.50	1.10	3.60	1.40				2.40	1.00	2.30	1.10	2.60	1.30	1.30				
7.0			3.00	0.85	3.00	0.90	3.25	1.20				2.10	0.80	2.00	0.90	2.30	1.10	1.10				
7.5			2.60	0.65	2.70	0.70	2.95	1.00				1.85	0.65	1.80	0.70	2.05	0.90	0.90				
8.0			2.30	0.50	2.30	0.50	2.65	0.80				1.60	0.50	1.65	0.50	1.80	0.77	0.77				
9.0			1.80		1.85		2.15	0.55				1.30		1.30		1.50	0.50	0.50				
10.0					1.50		1.75	0.35						1.00		1.20	0.30	0.30				
11.0					1.20		1.45							0.70		1.00						
12.0					0.95		1.20							0.55		0.80						
13.0					0.75		1.00							0.40		0.65						
14.0							0.80									0.55						
15.0							0.65									0.45						
16.0							0.50									0.35						
17.0							0.35									0.30						
Min. Boom Angle	0°	0°	11°	29°	19°	48°	22°	55°	0°	0°	11°	29°	19°	48°	22°	55°	Min. Boom Angle					

(3) JIB AND BOOM RATED LOADS (ton) WITH OUTRIGGERS USE (OPTIONAL)

Jib Angle Boom Angle	Outriggers Max. Extended (Whole around)			Outriggers Mid. (4.2m) Extended (Over side)			Outriggers Mid. (3.2m) Extended (Over side)		
	5°	17°	30°	5°	17°	30°	5°	17°	30°
80.0°	2.00	1.50	1.20	2.00	1.50	1.20	2.00	1.50	1.20
75.0°	2.00	1.50	1.20	2.00	1.50	1.20	2.00	1.50	1.20
70.0°	2.00	1.50	1.20	2.00	1.50	1.20	2.00	1.50	1.20
65.0°	1.62	1.25	1.12	1.60	1.25	1.06	1.50	1.15	1.00
60.0°	1.35	1.09	1.02	1.32	1.09	0.94	0.98	0.84	0.78
55.0°	1.15	0.98	0.91	1.07	0.93	0.82	0.65	0.58	0.56
50.0°	1.00	0.87	0.82	0.85	0.78	0.69	0.43	0.40	0.37
45.0°	0.87	0.78	0.75	0.65	0.63	0.57	0.22		
40.0°	0.75	0.70	0.68	0.50	0.49	0.45			
35.0°	0.65	0.62	0.60	0.35	0.35	0.32			
30.0°	0.56	0.54	0.52	0.25					
25.0°	0.48	0.46							
20.0°	0.41	0.38							
15.0°	0.35								
10.0°	0.30								
5.0°	0.25								
Min. Boom Angle	5°	20°	30°	30°	35°	35°	45°	50°	50°