



MEGA CRANES LTD.



22 Ton Capacity Chart

NOTE: When lifting off main boom head and jib is erected, DEDUCT 800 lbs. for stow away jib or 1300 lbs. For side stow jib from main boom load chart capacities.

On Tires Straight Over Front				
Radius	Max. Angle	Min. Angle	17.50 x 25 20.5 x 25	16.00 x 24
10	70°	59°	26,000	35,000
12	70°	57°	22,800	30,300
15	70°	52°	18,100	24,600
20	70°	38°	13,400	14,400
25	70°	0°	9,600	9,600
30	63°	0°	7,100	7,100
35	59°	0°	5,400	5,400
40	54°	0°	4,000	4,000
45	49°	0°	3,100	3,100
50	42°	0°	2,300	2,300
55	36°	0°	1,700	1,700

On Tires 360°				
Radius	Max. Angle	Min. Angle	17.50 x 25 20.5 x 25	16.00 x 24
10	70°	59°	15,900	18,800
12	70°	57°	13,700	15,200
15	70°	52°	9,500	11,500
20	70°	38°	5,500	6,900
25	70°	0°	3,400	4,200
30	63°	0°	2,200	2,600
35	59°	0°	1,400	1,600

Out and Down Outriggers Over Front

Radius	Angle	Boom Length Retracted	Angle	Boom Length 37'	Angle	Boonm Length 44'	Angle	Boom length 51'	Angle	Boom Length 58'	Angle	Boom Length 65'	Angle	Boom Length Extended
10	59°	44,000	68°	44,000										
12	56°	33,800	65°	32,000	69°	30,900								
15	50°	29,200	60°	27,700	65°	26,600	69°	25,700						
20	36°	21,800	49°	22,100	57°	21,600	63°	20,800	67°	20,200				
25			38°	16,800	49°	16,900	56°	17,000	62°	16,600	65°	16,000	68°	15,500
30			23°	13,200	40°	13,400	49°	13,500	55°	13,600	60°	13,200	64°	12,800
35					28°	10,800	41°	10,900	49°	11,000	54°	11,100	59°	10,800
40							31°	8,000	42°	9,000	49°	9,150	54°	9,000
45							16°	7,100	33°	7,200	42°	7,300	48°	7,400
50									22°	5,900	35°	5,900	43°	6,000
55											26°	4,900	36°	4,900
60											0°	4,000	29°	4,000
65													18°	3,350

Out and Down Outriggers 360°

Radius	Angle	Boom Length Retracted	Angle	Boom Length 37'	Angle	Boonm Length 44'	Angle	Boom length 51'	Angle	Boom Length 58'	Angle	Boom Length 65'	Angle	Boom Length Extended
10	59°	44,000	68°	44,000										
12	56°	33,800	65°	32,000	69°	30,900								
15	50°	29,200	60°	27,700	65°	26,600	69°	25,700						
20	36°	21,800	49°	22,100	57°	21,600	63°	20,800	67°	20,200				
25			38°	16,800	49°	16,900	56°	17,000	62°	16,600	65°	16,000	68°	15,500
30			23°	12,400	40°	12,600	49°	12,700	55°	12,800	60°	12,900	64°	12,800
35					28°	9,400	41°	9,500	49°	9,600	54°	9,700	59°	9,800
40							31°	7,400	42°	7,500	49°	7,500	54°	7,600
45							16°	5,800	33°	5,900	42°	6,000	48°	6,000
50									22°	5,500	35°	5,600	43°	5,600
55											26°	4,600	36°	4,600

42' Boom Out/Down - 2800 LB CWT						
Radius	Angle	25' Length	Angle	32' Length	Angle	42' Length
20	70°	10,200				
25	65°	8,800	69°	6,500		
30	59°	7,600	63°	5,700	67°	4,300
35	54°	6,900	59°	5,100	63°	3,800
40	49°	6,200	54°	4,700	59°	3,500
45	43°	5,700	49°	4,300	55°	3,300
50	36°	5,200	43°	4,000	51°	3,000
55	29°	4,600	38°	3,700	46°	2,800
60	18°	3,900	31°	3,400	42°	2,700
65			22°	3,200	36°	2,500
70			5°	3,100	30°	2,300
75					22°	2,200
80					5°	2,000

1. Jib Capacities are based on strength.
2. Consult portion "with outriggers" of standard chart to determine load of radius to be used.
3. Check angle of jib and determine from Side Stow Jib Charts for maximum jib load.
4. Use lesser of these values.

60											0°	3,700	29°	3,800
65													18°	2,500
70														2,700
75														2,200
80														1,800
85														1,600

Side Stow Jib Charts

60' Boom Out/Down - 5100 LB CWT						
Radius	Angle	25' Length	Angle	32' Length	Angle	42' Length
30	70°	9,500				
35	67°	8,300	70°	6,300		
40	64°	7,200	67°	6,100	70°	4,500
45	60°	6,300	64°	5,700	67°	4,300
50	56°	5,500	61°	5,300	64°	3,900
55	51°	4,800	57°	4,900	61°	3,700
60	45°	4,100	53°	4,600	58°	3,400
65	39°	3,400	48°	3,700	54°	3,200
70	31°	2,950	41°	3,200	49°	2,900
75	20°	2,450	34°	2,750	44°	2,700
80	0°	2,050	25°	2,350	38°	2,500
87			0°	1,850	29°	2,100
97					10°	1,600

72' Boom Out/Down - 5100 LB CWT						
Radius	Angle	25' Length	Angle	32' Length	Angle	42' Length
35	70°	8,600				
40	67°	7,400	68°	6,300		
45	64°	6,400	65°	5,900	69°	4,400
50	60°	5,300	62°	5,200	66°	4,100
55	57°	4,300	59°	4,600	63°	3,800
60	53°	3,600	55°	3,900	60°	3,600
65	49°	2,900	52°	3,200	57°	3,400
70	44°	2,400	48°	2,700	54°	3,000
75	38°	1,900	44°	2,300	51°	2,500
80	31°	1,500	39°	1,900	47°	2,100
85	23°	1,200	34°	1,500	43°	1,800
95			18°	1,000	33°	1,200
100					28°	1,000