

Fully Extended Outriggers - Main Boom Capacities - 16,000 lb. Counterweight

Maximum Allowable Lifting Capacities Rated Lifting Capacities In Pounds On Fully Extended Outriggers See Set Up Note 2.

16,000# COUNTERWEIGHT

38 Ft. To 45 Ft. Main Boom

Load Radius In Feet	38 Ft.			45 Ft.			Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	
9	69.0	140,000	140,000				9
10	67.0	132,000	132,000	71.0	87,400	87,400	10
12	64.0	117,900	117,900	68.5	87,400	87,400	12
15	58.5	101,300	101,300	64.0	87,400	87,400	15
20	48.5	76,600	76,600	56.5	76,000	76,000	20
25	36.5	59,400	59,400	48.0	58,900	58,900	25
30	17.5	45,600	45,600	38.0	45,100	45,100	30
35				24.5	34,600	34,600	35
Min. Boom Angle/Cap.	0°	26,300	26,300	0°	21,100	21,100	Min. Boom Angle/Cap.

Maximum Allowable Lifting Capacities Rated Lifting Capacities In Pounds On Fully Extended Outriggers See Set Up Note 2.

16,000# COUNTERWEIGHT

55 Ft. To 63.6 Ft. Main Boom

Load Radius In Feet	55 Ft.			63.6 Ft.			Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	
10	75.0	85,600	85,600				10
12	73.0	85,600	85,600	75.5	56,300	56,300	12
15	69.5	85,600	85,600	73.0	56,300	56,300	15
20	64.0	75,300	75,300	68.0	53,000	53,000	20
25	57.5	58,300	58,300	63.0	44,900	44,900	25
30	51.0	44,400	44,400	57.5	38,700	38,700	30
35	43.0	34,100	34,100	51.5	33,700	33,700	35
40	34.5	27,000	27,000	45.5	26,700	26,700	40
45	22.0	21,900	21,900	38.0	21,600	21,600	45
50				29.0	17,800	17,800	50
55				16.0	14,700	14,700	55
Min. Boom Angle/Cap.	0°	14,800	14,800	0°	11,000	11,000	Min. Boom Angle/Cap.

Maximum Allowable Lifting Capacities Rated Lifting Capacities In Pounds On Fully Extended Outriggers See Set Up Note 2.

BOOM MODE "B"

16,000# COUNTERWEIGHT

38 Ft. To 55 Ft. Main Boom

Load Radius In Feet	38 Ft.		45 Ft.		55 Ft.		Load Radius In Feet	
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear		
9	69.0	140,000	140,000				9	
10	67.0	132,000	132,000	71.0	42,000	42,000	10	
12	64.0	117,900	117,900	68.0	42,000	42,000	12	
15	58.5	101,300	101,300	64.0	42,000	42,000	15	
20	48.5	76,600	76,600	56.5	42,000	42,000	20	
25	36.5	59,400	59,400	48.0	42,000	42,000	25	
30	17.5	45,600	45,600	38.0	42,000	42,000	30	
35				24.5	35,700	35,700	35	
40					43.0	36,300	36,300	40
45					34.0	29,100	29,100	45
Min. Boom Angle/Cap.	0°	26,300	26,300	0°	20,100	20,100	Min. Boom Angle/Cap.	

Maximum Allowable Lifting Capacities Rated Lifting Capacities In Pounds On Fully Extended Outriggers See Set Up Note 2.

BOOM MODE "B"

16,000# COUNTERWEIGHT

95 Ft. To 115 Ft. Main Boom

Load Radius In Feet	95 Ft.		105 Ft.		115 Ft.		Load Radius In Feet	
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear		
20	76.5	38,600	38,600				20	
25	73.5	33,800	33,800	75.5	30,300	30,300	25	
30	70.0	29,800	29,800	72.5	27,000	27,000	30	
35	67.0	26,600	26,600	69.5	24,100	24,100	35	
40	63.5	23,900	23,900	66.5	21,700	21,700	40	
45	60.0	21,700	21,700	63.5	19,600	19,600	45	
50	56.0	19,800	19,800	60.5	17,900	17,900	50	
55	52.5	17,700	17,700	57.0	16,200	16,200	55	
60	48.0	15,200	15,200	53.5	14,900	14,900	60	
65	43.5	13,200	13,200	50.0	13,300	13,300	65	
70	38.5	11,600	11,600	46.0	11,600	11,600	70	
75	33.0	10,100	10,100	41.5	10,200	10,200	75	
80	26.5	8,800	8,900	37.0	8,900	8,900	80	
85	17.0	7,700	7,800	31.5	7,800	7,900	85	
90				25.5	6,800	6,900	90	
95				16.5	5,900	6,100	95	
100						24.5	5,200	100
105						16.0	4,600	105
Min. Boom Angle/Cap.	0°	4,700	4,700	0°	3,500	3,500	Min. Boom Angle/Cap.	

Maximum Allowable Lifting Capacities Rated Lifting Capacities In Pounds On Fully Extended Outriggers See Set Up Note 2.

65 Ft. To 85 Ft. Main Boom

Load Radius In Feet	65 Ft.		75 Ft.		85 Ft.		Load Radius In Feet	
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear		
12	75.5	42,000	42,000				12	
15	73.0	42,000	42,000	75.5	42,000	42,000	15	
20	68.0	42,000	42,000	71.5	42,000	42,000	20	
25	63.5	42,000	42,000	68.0	42,000	42,000	25	
30	58.0	42,000	42,000	63.5	42,000	42,000	30	
35	52.5	36,600	36,600	59.0	36,800	36,800	35	
40	46.5	29,400	29,400	54.0	29,600	29,600	40	
45	39.5	24,300	24,300	49.0	24,500	24,500	45	
50	31.5	20,300	20,300	43.0	20,600	20,600	50	
55	20.0	17,200	17,200	37.0	17,500	17,500	55	
60				29.5	15,000	15,000	60	
65				19.0	12,900	12,900	65	
70					27.5	11,400	11,400	70
75					18.0	10,000	10,000	75
Min. Boom Angle/Cap.	0°	10,700	10,700	0°	8,100	8,100	Min. Boom Angle/Cap.	

NOTE: Refer To Page 5 For "Lifting Capacity Deductions" For Capacity Reductions Caused By Stowed Or Erected Auxiliary Load Handling Equipment.