

Fully Extended Outriggers – 12,000# Counterweight

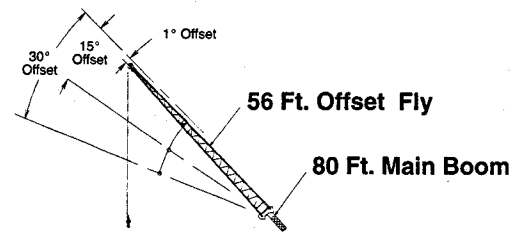
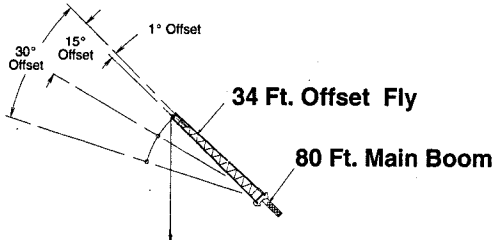
Section 1 - Fully Extended Outriggers

BOOM MODE "A" 12000# CTWT										
Maximum Allowable Lifting Capacities Rated Lifting Capacities in Pounds On Fully Extended Outriggers See Set Up Note 2.										
35.5 Ft. To 60 Ft. Main Boom										
Load Radius In Feet	35.5 Ft.			50 Ft.			60 Ft.			Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	
10	65.5	130,000	130,000	73.5	75,300	75,300				10
12	62.0	110,000	110,000	71.0	75,300	75,300	74.5	74,900	74,900	12
15	56.0	96,300	96,300	67.0	75,300	75,300	71.5	74,900	74,900	15
20	45.0	74,700	74,700	60.5	74,500	74,500	66.5	70,800	70,800	20
25	30.0	55,500	55,500	53.5	55,500	55,500	61.0	55,500	55,500	25
30				45.5	40,400	40,400	55.0	40,300	40,300	30
35				36.0	31,000	31,000	48.5	31,000	31,000	35
40				23.5	24,700	24,700	41.5	24,700	24,700	40
45							33.0	20,100	20,100	45
50							21.0	16,800	16,800	50
Min. Boom Angle/Cap.	0°	29,300	29,300	0°	16,100	16,100	0°	11,500	11,500	Min. Boom Angle/Cap.

70 Ft. To 80 Ft. Main Boom							
Load Radius In Feet	70 Ft.			80 Ft.			Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	
12	77.0	57,800	57,800				12
15	74.5	52,600	52,600	77.0	42,800	42,800	15
20	70.5	45,200	45,200	73.5	37,500	37,500	20
25	66.0	39,700	39,700	69.5	32,700	32,700	25
30	61.0	35,200	35,200	65.5	29,200	29,200	30
35	56.0	31,000	31,000	61.5	26,200	26,200	35
40	51.0	24,700	24,700	57.0	23,700	23,700	40
45	45.0	20,100	20,100	52.5	20,100	20,100	45
50	38.5	16,700	16,700	47.5	16,700	16,700	50
55	30.5	13,900	13,900	42.0	13,900	13,900	55
60	19.5	11,800	11,800	36.0	11,800	11,800	60
65				28.5	10,000	10,000	65
70				18.5	8,500	8,500	70
Min. Boom Angle/Cap.	0°	8,400	8,400	0°	6,200	6,200	Min. Boom Angle/Cap.

BOOM MODE "A" 12000# CTWT										
Maximum Allowable Lifting Capacities Rated Lifting Capacities in Pounds On Fully Extended Outriggers See Set Up Note 2.										
90 Ft. To 110 Ft. Main Boom										
Load Radius In Feet	90 Ft.			100 Ft.			110 Ft.			Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	Loaded Boom Angle (Deg.)	360°	Over Rear	
20	75.5	28,300	28,300	77.0	28,000	28,000				20
25	72.0	28,300	28,300	74.5	28,000	28,000	76.0	19,600	19,600	25
30	68.5	24,800	24,800	71.5	24,100	24,100	73.5	19,600	19,600	30
35	65.0	21,200	21,200	68.5	20,700	20,700	71.0	19,600	19,600	35
40	61.5	18,400	18,400	65.0	17,900	17,900	68.0	17,300	17,300	40
45	57.5	16,300	16,300	61.5	15,900	15,900	65.0	15,800	15,800	45
50	53.5	14,300	14,300	58.5	14,000	14,000	62.0	13,800	13,800	50
55	49.5	12,700	12,700	54.5	12,400	12,400	59.0	12,200	12,200	55
60	45.0	11,300	11,300	51.0	11,000	11,000	55.5	10,900	10,900	60
65	40.0	10,100	10,100	47.0	9,900	9,900	52.5	9,700	9,700	65
70	34.0	8,900	8,900	42.5	8,900	8,900	48.5	8,700	8,700	70
75	27.5	7,600	7,600	38.0	8,000	8,000	45.0	7,900	7,900	75
80	17.5	6,400	6,500	32.5	7,100	7,100	41.0	7,100	7,100	80
85				26.0	6,100	6,100	36.5	6,400	6,400	85
90				17.0	5,200	5,300	31.5	5,700	5,800	90
95							25.0	5,000	5,000	95
100							16.5	4,300	4,400	100
Min. Boom Angle/Cap.	0°	5,400	5,400	0°	4,100	4,100	0°	3,100	3,100	Min. Boom Angle/Cap.

GENERAL INFORMATION ONLY



BOOM MODE "A" 12000# CTWT							
Maximum Allowable Lifting Capacities Rated Lifting Capacities in Pounds On Fully Extended Outriggers See Set Up Note 2.							
80 Ft. Main Boom + 34 Ft. Offset Fly							
Load Radius In Feet	1° Offset		15° Offset		30° Offset		Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Loaded Boom Angle (Deg.)	360°	Loaded Boom Angle (Deg.)	360°	
25	76.0	20,400					25
30	73.5	18,700	77.5	14,000			30
35	71.0	17,300	75.0	12,900			35
40	68.5	16,100	72.0	12,000	76.0	9,400	40
45	65.5	14,900	69.5	11,200	73.0	8,900	45
50	63.0	13,500	66.5	10,500	70.5	8,500	50
55	60.0	12,400	63.5	9,800	67.5	8,200	55
60	57.0	11,500	60.5	9,300	64.0	7,800	60
65	54.0	10,700	57.5	8,800	61.0	7,600	65
70	50.5	9,900	54.5	8,400	57.5	7,300	70
75	47.0	9,100	51.0	8,000	54.0	7,100	75
80	43.0	8,000	47.0	7,600	50.5	6,900	80
85	39.0	7,000	43.0	7,300	46.0	6,700	85
90	34.5	6,200	38.5	6,500	41.5	6,600	90
95	29.5	5,400	33.0	5,700	35.5	5,800	95
100	23.0	4,700	27.0	4,900	28.0	5,000	100
105	14.0	4,100	17.0	4,200			105
Min. Boom Angle/Cap.	0°	2,600	0°	2,700	0°	2,900	Min. Boom Angle/Cap.

BOOM MODE "A" 12000# CTWT							
Maximum Allowable Lifting Capacities Rated Lifting Capacities in Pounds On Fully Extended Outriggers See Set Up Note 2.							
80 Ft. Main Boom + 56 Ft. Offset Fly							
Load Radius In Feet	1° Offset		15° Offset		30° Offset		Load Radius In Feet
	Loaded Boom Angle (Deg.)	360°	Loaded Boom Angle (Deg.)	360°	Loaded Boom Angle (Deg.)	360°	
30	77.0	12,300					30
35	75.0	11,000					35
40	72.5	9,900	78.0°	7,300			40
45	70.5	9,100	76.0	6,800			45
50	68.0	8,300	73.5	6,400			50
55	66.0	7,700	71.5	6,000	77.0	4,900	55
60	63.5	7,100	69.0	5,700	74.5	4,700	60
65	61.0	6,600	66.5	5,400	72.0	4,500	65
70	59.0	6,200	64.0	5,100	69.5	4,300	70
75	56.5	5,800	61.5	4,800	67.0	4,100	75
80	53.5	5,400	59.0	4,600	64.0	4,000	80
85	51.0	5,100	56.5	4,400	61.5	3,900	85
90	48.0	4,800	53.5	4,200	58.5	3,700	90
95	45.0	4,600	50.5	4,000	55.0	3,600	95
100	42.0	4,300	47.0	3,900	51.5	3,500	100
105	38.5	4,100	43.5	3,700	48.0	3,500	105
110	34.5	3,900	40.0	3,600	43.5	3,400	110
115	30.0	3,700	35.5	3,500	39.0	3,400	115
120	25.0	3,300	30.0	3,400	32.5	3,400	120
125	18.0	2,900	23.0	3,100	21.5	3,000	125
Min. Boom Angle/Cap.	0°	1,500	0°	1,600	0°	1,900	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.