

# RATED LIFTING CAPACITIES IN POUNDS

## 24 Ft. - 60 Ft. BOOM

### FULLY EXTENDED OUTRIGGERS – OVER REAR

Radius in Feet	Boom Length in Feet						
	24	30	36	42	48	54	60
12	25,000	21,200	19,800	18,400			
15	20,300	18,000	17,000	15,900	15,200	13,800	
20	14,600	14,000	13,300	12,500	12,100	11,900	11,500
25		10,900	10,300	9,850	9,600	9,500	9,300
30			8,600	8,000	7,900	7,750	7,700
35				6,700	6,700	6,700	6,700
40					5,375	5,375	5,375
45					4,400	4,400	4,400
50						3,700	3,700
55							3,175
57							3,000

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### FULLY EXTENDED OUTRIGGERS – OVER SIDE

Radius in Feet	Boom Length in Feet						
	24	30	36	42	48	54	60
12	25,000	21,200	19,800	18,400			
15	20,300	18,000	17,000	15,900	15,200	13,800	
20	14,300	14,000	13,300	12,500	12,100	11,900	11,500
25		10,000	10,000	9,850	9,600	9,500	9,300
30			7,400	7,400	7,400	7,400	7,400
35				5,600	5,600	5,600	5,600
40					4,450	4,450	4,450
45					3,500	3,500	3,500
50						2,800	2,800
55							2,350
57							2,200

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Capacities appearing above bold line are based upon structural strength and tipping should not be relied upon as a capacity limitation. Capacities are in pounds and do not exceed 85% of tipping loads.

Radius in Feet	On Rubber	
	Over Rear	Over Side
10	13,500	12,375
12	10,500	9,700
15	7,650	6,800
20	5,000	3,800
25	3,375	2,350
30	2,450	1,500
35	1,750	950
40	1,200	550
45	825	
50	500	

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### WEIGHT REDUCTION FOR LOAD HANDLING DEVICES

HOOK BLOCKS	
8 Ton, 1 Sheave	180 lbs.
15 Ton, 2 Sheave	200 lbs.
Auxiliary Boom Head	110 lbs.
5 Ton, 9 in. dia. Headache Ball	100 lbs.
5 Ton, 11 1/4 in. dia. Headache Ball	200 lbs.

20 ft. JIB WITH 24 ft. - 60 ft. BOOM	
JIB STOWED	210 lbs.
JIB ERECTED	970 lbs.

NOTE: All Load Handling Devices and Boom Attachments are Considered Part of the Load and Suitable Allowances MUST BE MADE for Their Combined Weight.

Weights are for Grove furnished equipment.

