



CLAMSHELL CAPACITIES 4000W VI

**BOOM NO. 22 WITH OPEN THROAT TOP
 75,900 LB. COUNTERWEIGHT**

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 67.5% of a static tipping load. Capacities are based on tipping, structural competence, operating speeds and other factors. Capacities based on structural competence are shown by shaded areas.

Capacities are shown in pounds. Weight of bucket is considered part of the load. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine is to be operated by controlled converter lowering of the load for capacities above 20,000 lb.

Machine to operate in a level position on a firm surface up. Refer to rigging drawing No. 48168 and specification chart No. 5342. Crane operator judgment to be used to allow for adverse operating conditions and actual machine depreciation.

OPERATING RADIUS: Operating radius is the horizontal distance from the axis of rotation to the center of gravity of a freely suspended load. Boom angle is the angle above horizontal of a line drawn through the boom hinge to the upper boom point shaft centerline.

MACHINE EQUIPMENT: Machine equipped with 24' retractable gantry, 12 portable crawlers, 48" treads, 15' retractable gantry, 12 portable hoist reeving, four 1 1/2" boom pendants, 1st cwt. 40,000 lb., 2nd cwt. 35,800 lb.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity: Crawlers Retracted	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity: Crawlers Retracted	Capacity: Crawlers Extended
70	34	66.9	28,000	28,000	100	45	67.3	28,000	28,000
	36	65.2	28,000	28,000		50	64.3	28,000	28,000
	38	63.4	28,000	28,000		55	61.2	28,000	28,000
	40	61.7	28,000	28,000		60	58.0	28,000	28,000
	45	57.2	28,000	28,000		65	54.7	26,600	28,000
	50	52.4	28,000	28,000		70	51.2	23,700	27,900
	55	47.3	28,000	28,000		75	47.6	21,200	25,000
	60	41.8	28,000	28,000		80	43.7	19,100	22,600
	65	35.6	28,000	28,000		85	39.6	17,200	20,500
	70	28.2	25,400	28,000		90	35.0	15,600	18,600
80	38	66.8	28,000	28,000	95	29.8	14,100	16,900	
	40	65.3	28,000	28,000	100	23.7	12,800	15,500	
	45	61.5	28,000	28,000	110	50	66.7	28,000	28,000
	50	57.5	28,000	28,000		55	63.9	28,000	28,000
	55	53.4	28,000	28,000		60	61.1	28,000	28,000
	60	49.0	28,000	28,000		65	58.2	26,200	28,000
	65	44.2	27,700	28,000		70	55.2	23,300	27,500
	70	39.1	24,800	28,000		75	52.0	20,800	24,600
75	33.3	22,300	26,100	80		48.8	18,600	22,200	
80	26.4	20,200	23,700	85		45.3	16,800	20,000	
90	40	68.1	28,000	28,000	90	41.7	15,100	18,200	
	45	64.8	28,000	28,000	95	37.7	13,700	16,500	
	50	61.3	28,000	28,000	100	33.4	12,400	15,000	
	55	57.8	28,000	28,000	105	28.5	11,200	13,700	
	60	54.1	28,000	28,000	120	55	66.2	28,000	28,000
	65	50.2	27,200	28,000		60	63.6	28,000	28,000
	70	46.1	24,300	28,000		65	61.0	25,600	28,000
	75	41.7	21,900	25,700		70	58.3	22,700	26,900
	80	36.9	19,700	23,200		75	55.6	20,200	24,100
	85	31.4	17,900	21,100		80	52.7	18,100	21,600
90	25.0	16,200	19,200	85		49.7	16,200	19,500	
				90		46.6	14,500	17,600	
				95		43.3	13,100	15,900	
				100		39.9	11,800	14,500	
				105	36.1	10,600	13,100		
				110	32.0	9,600	11,900		
				115	27.3	8,600	10,600		