

CLAMSHELL CAPACITIES 4600 SERIES-4

BOOM NO. 27B WITH OPEN THROAT TOP
82,000 LB. COUNTERWEIGHT OR 85,000 LB. COUNTERWEIGHT

CRAWLER

Capacities for various operating radii are for freely suspended loads and do not exceed **67.5%** of a static tipping load in the least stable position with machine on a firm, level surface. 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.

Refer to rigging No. 65234 and wire rope specification chart No. 6531-A. Crane operator judgment must be used to allow for adverse operating conditions and physical machine depreciation.

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

Machine equipped with 30'5" crawlers, 60" treads, 33' retractable gantry, 12 part boom hoist reeving, four 1-3/8" boom pendants and total counterweight of 82,000 lbs. (85,000 lbs. with ctwt. assembly No. 49667).

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:
	65	68.5	50,000
	70	66.5	50,000
	75	64.5	50,000
	80	62.4	48,700
150	85	60.3	43,000
	90	58.1	39,000
	95	55.9	35,000
	100	53.7	32,000
	105	51.3	29,100
	110	48.9	26,600
	115	46.4	24,400
	120	43.8	22,500
	125	41.1	20,900
	130	38.2	19,400
	135	35.1	18,000
	140	31.7	17,000