

DRAGLINE CAPACITIES 3900 B, 3900 VICON

BOOM NO. 8 WITH OPEN THROAT TOP REVOLVING FAIRLEAD 58,500 LB. COUNTERWEIGHT

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed **75%** 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. Deduct 500 lb. from capacities based on tipping (marked with an asterisk) if lower boom point sheaves are not removed. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm surface with gantry in working position and be rigged in accordance with and under conditions referred to in rigging drawing No. 48029, No. 48237 or No. 49990 and wire rope specification chart No. 6652-A.

Crane operator judgment must be used to allow for adverse operating conditions and physical machine depreciation.

OPERATING RADIUS: 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 centerline and the upper boom point shaft centerline.

MACHINE EQUIPMENT: Machine equipped with 20'4" crawlers, 38" or 48" treads, 15' retractable gantry, 10 or 12 part boom hoist reeving, two 1½" boom pendants, 1st cwt. = 32,000 lbs., 2nd cwt. = 26,500 lbs.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:
60	50	43.5	20,000
	55	36.3	20,000
	60	27.6	20,000
70	60	40.2	20,000
	65	33.6	20,000
	70	25.6	20,000
80	65	43.0	20,000
	70	37.6	20,000
	75	31.5	18,800*
	80	24.0	17,200*