



DRAGLINE CAPACITIES _____ 3900B, 3900 VICON

**BOOM NO. 8 WITH OPEN THROAT TOP
HINGED 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 denoted 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. 42925, No. 43258, No. 48029, No. 48237 or No. 49990, wire rope specification chart No. 6663-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 or 1¾" boom pendants, 1st cwt. = 32,000 lbs., 2nd cwt. = 26,500 lbs.

CAUTION: FAIRLEAD EXTENSION LIMITS ALL LIFT CAPACITIES AT SHORTER RADII TO 20,000 LBS.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:
60	45	53.3	20,000	90	60	55.5	20,000
	50	47.3	20,000		65	51.7	20,000
	55	40.7	20,000		70	47.6	20,000
	60	33.1	20,000		75	43.3	18,400 *
	65	23.4	20,000		80	38.5	16,800 *
70	50	54.2	20,000	85	33.2	15,400 *	
	55	49.2	20,000	90	27.1	14,200 *	
	60	43.8	20,000	100	65	56.0	20,000
	65	37.7	20,000		70	52.5	19,800 *
70	30.7	20,000	75		48.9	17,900 *	
80	55	55.0	20,000		80	45.1	16,400 *
	60	50.6	20,000		85	41.0	15,000 *
	65	45.9	20,000	90	36.5	13,700 *	
	70	40.9	20,000	95	31.5	12,700 *	
	75	35.3	18,600 *	100	25.7	11,700 *	
	80	28.7	17,000 *				