

Dragline Capacities

888 SERIES 1

Boom No. 22E With Open Throat Top
109,100 Lb. Counterweight
360 Degree Rating

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.

Weight of bucket is considered part of load. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. 176519** and Wire Rope Specification chart **No. 8091-A**. Crane operator judgment must be used to allow for adverse operating conditions and

physical machine depreciation. Refer to operators manual for operating guidelines.

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

MACHINE EQUIPMENT: Machine equipped with 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants and 109,100 Lb. counterweight.

Deduct 4,000 Lbs. from capacities when boom butt is equipped with auxiliary drum.

Oper. Rad. Feet	Boom Ang. Deg.	Boom Capacity Crawlers Retracted Pounds	Boom Capacity Crawlers Extended Pounds
70 Ft. BOOM			
55	48.7	20,000 *	20,000 *
60	43.3	20,000 *	20,000 *
65	37.3	20,000 *	20,000 *
70	30.3	20,000 *	20,000 *
80 Ft. BOOM			
65	45.5	20,000 *	20,000 *
70	40.5	20,000 *	20,000 *
75	34.9	20,000 *	20,000 *
80	28.4	20,000 *	20,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Capacity Crawlers Retracted Pounds	Boom Capacity Crawlers Extended Pounds
90 Ft. BOOM			
70	47.2	20,000 *	20,000 *
75	42.9	20,000 *	20,000 *
80	38.2	20,000 *	20,000 *
85	33.0	20,000 *	20,000 *
90	26.8	20,000 *	20,000 *
100 Ft. BOOM			
75	48.6	20,000 *	20,000 *
80	44.8	20,000 *	20,000 *
85	40.7	20,000 *	20,000 *
90	36.3	20,000 *	20,000 *
95	31.3	20,000 *	20,000 *
100	25.5	20,000 *	20,000 *