

# DRAGLINE CAPACITIES

**6400**
**BOOM NO. 62**
**140,000 LB. COUNTERWEIGHT**

**DRAGLINE CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed **75%** 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. **RAISING OR LOWERING OF BOOM MUST BE DONE WITHOUT LOAD ON BOOM.** Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Refer to Rigging No. 65626 and Wire Rope Specification Chart No. 6597-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 vertical hoist line. Boom angle is the angle above true horizontal of a line drawn through the boom hinge pin centerline and the boom point sheave pin centerline.

**MACHINE EQUIPMENT:** Machine equipped with 39'9" crawlers, 83" treads, 49'6" mast, 38' gantry, 20 part boom hoist reeving, four 2" boom pendants, and total counterweight of 140,000 lbs.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Capacity:
<b>160</b>	130	40.9	80,000	<b>200</b>	160	41.0	55,000
	135	38.1	80,000		165	38.8	55,000
	140	35.1	80,000		170	36.4	55,000
	145	31.8	80,000		175	33.9	55,000
	150	28.3	75,500		180	31.3	55,000
<b>180</b>	145	41.0	66,000		185	28.4	52,400
	150	38.5	66,000				
	155	35.8	66,000				
	160	33.0	66,000				
	165	30.0	66,000				
	170	26.6	62,800				