

## SUGGESTED SPECIFICATIONS LIFTMOORE MODEL L-8 CRANE

**CAPACITIES:** Moment Rating is 4,500 Ft.-Lbs. with maximum lift capacity of 800 Lbs.

**HOIST WINCH:** The hoist winch uses a planetary gear drive for most efficient operation. An efficient permanent magnet motor powers the winch. Winch up performance is as follows:

Load (Lbs.)	Hook Speed (Ft./Min.)	AMP Draw
0	30	25
350	25	48
750	22	86

An automatic load apportioned brake on the winch supplements the dynamic braking of the permanent magnet motor. Winch operation is controlled by an enclosed contactor.

**WIRE ROPE AND SHEAVES:** The crane is supplied with 25 Ft. of 3/16 In. galvanized aircraft cable with a 4200 Lb. breaking strength. The crane is supplied with a nylatron sheave to reduce wire rope wear.

**ROTATION:** 360 degree rotation without restriction is standard. To control the swing a manual band brake is provided. Two tapered roller bearings on the rotation spindle allow the crane to easily rotate when fully loaded.

**BOOM:** The boom can be set at four positions between horizontal and 75 degrees. It will store vertically reducing space requirements when not in use.

The boom can be manually extended from 3.8 Ft. to 5.75 Ft. There is an intermediate position at 4.8 Ft.

**PENDANT CONTROL:** A 12.5 Ft. remote pendant is supplied with each crane. For safest use, the pendant control is removable from the crane and the operation is controlled by a momentary contact toggle switch.

**BATTERY CABLE:** The crane is supplied with 25 Ft. of battery power, cable with quick disconnects, an additional 3 Ft. ground wire, and a 150 AMP circuit breaker.

**MOUNTING:** Four 0.50 In. X 2.5 In. long, grade 8 hex head cap screws are supplied for mounting. The base plate is ½ In. thick X 12 In. square. The bolt pattern is 9.5 In. square.

**CHASSIS:** Minimum recommended Vehicle GVWR is 8,600Lbs.

