

## SUGGESTED SPECIFICATIONS LIFTMOORE MODEL L-21W AND L-21W-7

**CAPACITY:** Moment Rating is 6,000 ft.-lb. with capacities as follows:

2000 lb. at 3 Ft.  
1500 lb. at 4 Ft.  
1200 lb. at 5 Ft.  
1000 lb. at 6 Ft.  
857 lb. at 7 Ft.

**HOIST WINCH:** The hoist winch uses a planetary gear drive for most efficient operation. A 2.7 HP permanent magnet motor powers the winch. The single line capacity of the winch is 2,000 Lbs. An integral mechanical brake is included with the winch. First Layer winch performance is as follows:

Load (Lbs.)	Hook Speed (Ft./Min.)	AMP Draw
500	13.7	37
1000	13.1	64
2000	11.9	115

**WIRE ROPE AND SHEAVES:** The crane is supplied with 62 Ft. of ¼ In. galvanized aircraft cable with a 7000 Lb. breaking strength. All sheaves meet ANSI requirements.

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

**BOOM:** 20 degree and 45 degree boom positions are standard. The boom telescopes manually from 3 Ft. to 5 Ft. with the boom at a 20 degree position. When the boom is at 45 degrees and 5 Ft., the maximum lift is 8 Ft. 9 In. The boom can be folded vertically for storage while traveling, with an overall height of 54 In.

The L-21W-7 boom has the same features as the L-21W except it telescopes from 3 Ft. 3 In. to 7 Ft. 3 In. in three stages.



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

**POWER 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 0.50 In. thick x 12 In. square with a 9.5 In. square bolt pattern.

**OPTION:** Anti Two-Block for use when crane is used in construction. ( L-21W-7 only)

**CHASSIS:** Minimum recommended GVWR for the L-21W Crane is 8,600



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