

SUGGESTED SPECIFICATIONS LIFTMOORE MODEL 206EL CRANE

CAPACITY: 6,500 ft.-lb. Moment Rating with capacities as follows:

*2000 Lbs. at 3 Ft.
*1300 Lbs. at 5 Ft.
*1083 Lbs. at 6 Ft.
929 Lbs. at 7 Ft.
722 Lbs. at 9 Ft.

*use traveling block double line, for loads above 1000 Lbs.

HOIST WINCH: The hoist winch uses a planetary gear drive for most efficient operation. The winch is powered by a permanent magnet electric motor. The single line capacity of the winch is 1200 Lbs. An integral mechanical brake is included with the winch. Winch performance is as follows:

Load (Lbs.)	Hook Speed (Ft./Min.)	Amp Draw
0	26	25
500	22	70
1000	18	115

WIRE ROPE AND SHEAVES: The crane is supplied with 35 Ft. of 3/16 In. galvanized aircraft cable with a 4200 Lb. breaking strength. All sheaves meet ANSI requirements.

ROTATION: 360 degrees of continuous and unlimited rotation is standard. The crane rotates on tapered roller bearings. A manual band brake is included to help control rotation. The band brake is applied using a reversible hand ratchet.

BOOM: The standard boom length in the horizontal position is 5.5 Ft. with a manually telescoping section to 9.0 Ft. An intermediate boom position is included.

A single acting hydraulic cylinder elevates the boom. An electric-hydraulic pump powers the cylinder.

PENDANT CONTROL: A remote pendant is supplied with each crane. For safety, the pendant control is removable from the crane. Each function is controlled by a momentary contact toggle switch. A 18-Ft. control wire is supplied.



ELECTRICAL: The crane is powered by a 12 Volt DC electric battery. Installation of a second battery near the crane is advised. This will maintain the voltage at the highest possible level and extend the life of the crane's motors and solenoids.

The winch motor is reversed by a double pole electrical contactor. Standard automotive solenoids are not used for winch control. 25 Ft. of battery cable with quick disconnects; a 3-Ft. ground wire, and a 150 Amp. Circuit breaker is supplied with each crane.

MOUNTING: Four ½ In. x 2-3/4 In. long grade 8 bolts are supplied. The base plate is a 12 In. square with a 9.5-In. square bolt pattern.

PEDESTAL: Standard pedestal height of 27 in., other heights available depending upon needs. A mounting plate (Liftmoore Part No. 30684) can be purchased for mounting on top of a flat bed or utility body compartment (properly reinforced). Contact Liftmoore for your application requirements.

LOAD SENSOR: A load sensor is supplied on the 206EL. This sensor will shutdown winch up and boom down when an overload is detected. The pressure setting on the pump limits the boom up function.

ACCESSORIES: Jackstands or outriggers are necessary on most installations to keep the truck as level as possible and reduce the load on the rotation gear and on the trucks spring, axle, wheels, and tires.

If an outrigger is not used a jackstand would be required for stability to keep the truck level. A boom rest is required to support the boom whenever the truck is in motion. Liftmoore offers boom rests as optional equipment.

CHASSIS: Minimum recommended vehicle GVWR for the 206EL is 8.600 Lbs.

