

LIFTMOORE 206 CRANE

**6,500 FT.-LB. MOMENT RATING
2,000 LB. MAXIMUM CAPACITY**

This is the only crane in the 6500 Ft.-Lb. size range featuring both power rotation and power boom elevation. This crane is perfectly suited for mounting on 3/4 ton trucks where the safety of powered rotation and the convenience of power boom elevation are required.

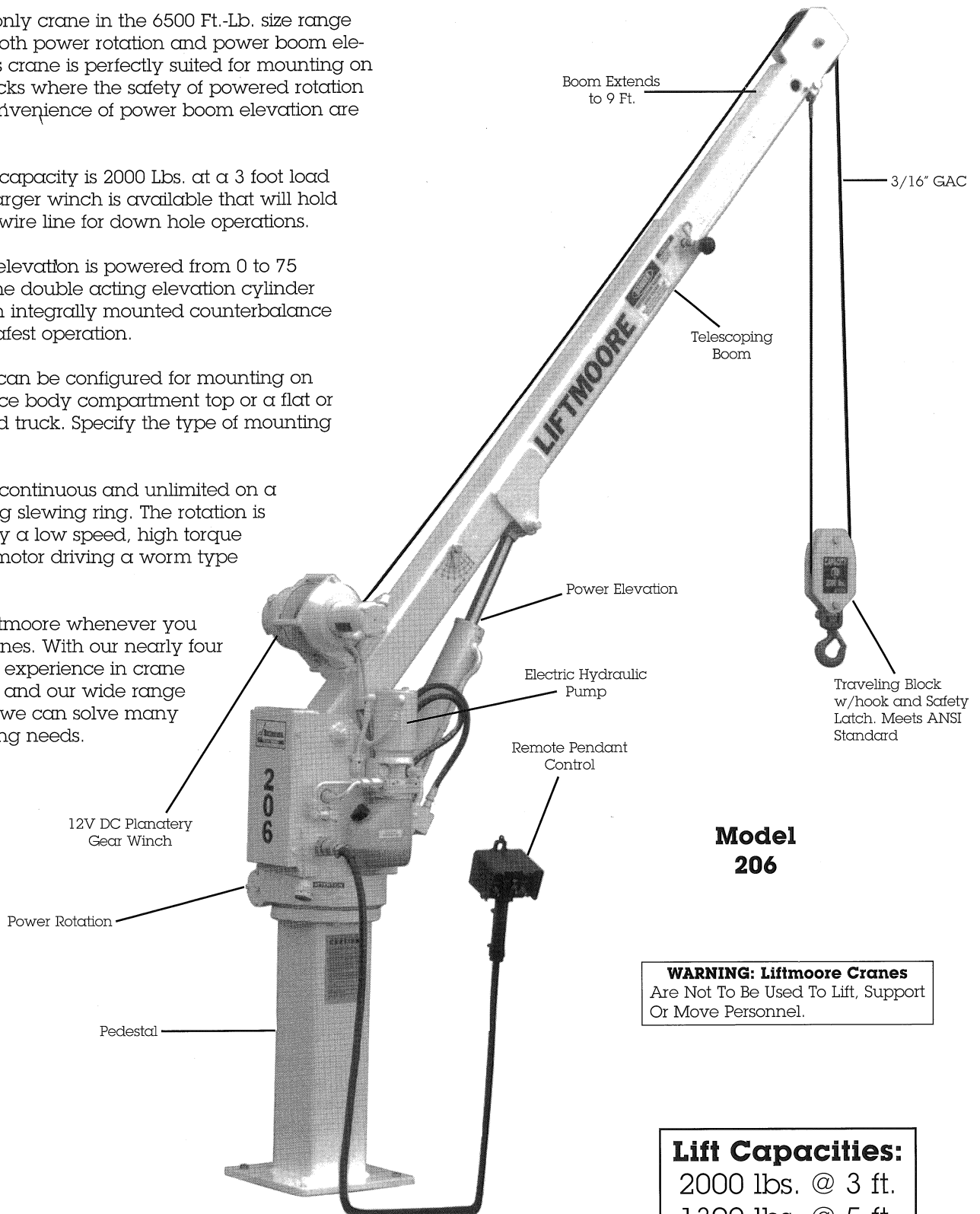
Maximum capacity is 2000 Lbs. at a 3 foot load radius. A larger winch is available that will hold additional wire line for down hole operations.

The boom elevation is powered from 0 to 75 degrees. The double acting elevation cylinder includes an integrally mounted counterbalance valve for safest operation.

The crane can be configured for mounting on either service body compartment top or a flat or pick up bed truck. Specify the type of mounting you prefer.

Rotation is continuous and unlimited on a ball bearing slewing ring. The rotation is powered by a low speed, high torque hydraulic motor driving a worm type gearset.

Contact Liftmoore whenever you require cranes. With our nearly four decades of experience in crane production and our wide range of models, we can solve many of your lifting needs.



**Model
206**

WARNING: Liftmoore Cranes
Are Not To Be Used To Lift, Support
Or Move Personnel.

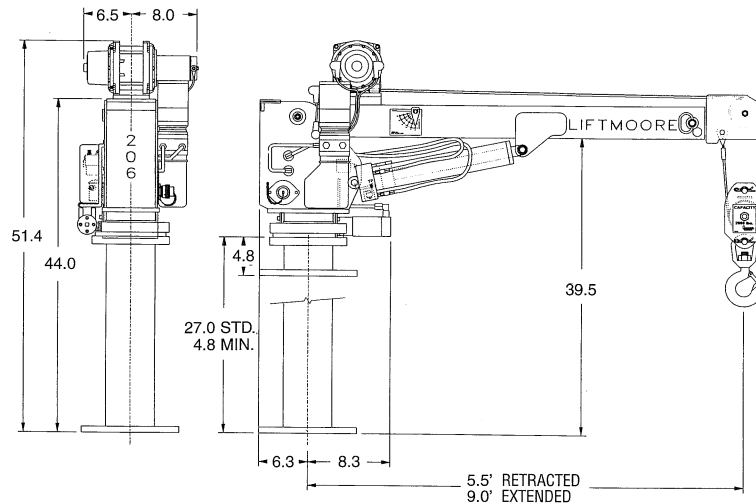
Lift Capacities:

2000 lbs. @ 3 ft.
1300 lbs. @ 5 ft.
1083 lbs. @ 6 ft.
929 lbs. @ 7 ft.
722 lbs. @ 9 ft.



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206 SPECIFICATIONS



Moment Rating:

6,500 Ft.-Lbs.

Lift Capacities:

*2000 Lbs. @ 3 Ft.

929 Lbs. @ 7 Ft.

*1300 Lbs. @ 5 Ft.

722 Lbs. @ 9 Ft.

*1083 Lbs. @ 6 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 12 Volt DC, permanent magnet electric motor. Single line capacity of the winch is 1200 Lbs. 35 Ft. of 3/16 In. Galvanized aircraft cable is supplied. Breaking strength of the wire rope is 4200 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

Boom:

The standard boom length in the horizontal position is 5.5 Ft. with a manually telescoping section to 9.0 Ft. Boom is elevated from 0 to 75 degrees by a double acting hydraulic cylinder. For safest operation, the cylinder includes a counterbalance valve that will hold the load should a hydraulic hose fail.

Pedestal:

Standard pedestal height is 24 In. Height can be varied depending upon need. Minimum pedestal height is 4.8 In. for mounting on top of a utility body compartment.

Rotation:

The hydraulic powered rotation is continuous and unlimited. The crane rotates on an external gear ball bearing slewing ring. A high torque, low speed hydraulic motor drives the rotation.

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 type solenoids are not used for winch control. The electric-hydraulic pump motor is controlled by a single pole solenoid. 25 Ft. of battery cable with quick disconnects; a 3 Ft. ground wire, quick disconnect switch and a 150 Amp. circuit breaker is supplied with each crane.

Pendant Control:

A 18 Ft remote pendant is supplied with each crane. For safety, the pendant control is removable from the crane and each function is controlled by a momentary contact toggle switch.

Hydraulic System:

A 12 Volt electric-hydraulic pump powers boom elevation and crane rotation. Four way directional control valves are used to control the hydraulically driven functions.

Load Sensor:

A load sensing pressure switch is mounted on the base end of the elevation cylinder. The switch will shut down winch up and boom down when the cylinders pressure indicates an overload condition. Boom up is limited by the pressure relief setting in the pump.

Outriggers:

Outriggers or Jackstands are required to keep the truck bed as level as possible. This reduces the load on the rotation gear and on the truck's springs, axle, wheels and tires.

Boom Rest:

A boom rest is required to support the boom whenever the vehicle is in motion. Liftmoore offers boom rests as optional equipment.

Mounting:

Four 1/2 In. x 2-3/4 In. grade 8 bolts are supplied. The base plate is a 12 In. square with a 9.5 In square bolt pattern.

Shipping Weight:

465 Lbs.



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