



Knuckle Boom Loader

Model 9000

The Lemco Model 9000, Knuckle Boom Loader, is designed for the serious logger, with longer boom options for the Michigan market. This loader can be installed on the back of the cab, rear(tail) mounted or trailer mounted.



KEY FEATURES & BENEFITS INCLUDE:

High Lift Capacity To Weight Ratio - Better steel, better design, and better fabrication techniques equals a higher lift capacity to weight ratio, increasing your overall payload.

Tandem, Gear Pump, Hydraulic System - Dual, manual joystick controls are easy to operate and maintain.

Stable - "A" frame style stabilizers provide for excellent stability. Metered stabilizer controls are provided on the operator's platform.

Easier Access - Dual ladders on standard operator's platform allow the loader to be accessed from either side.

Rotation - The Model 9000 is offered either with 550° non-continuous or optional, continuous rotation.

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TENAMEC

ENGINEERED TOUGH

Model 9000 Specifications

LIFT CAPACITY with 22'6" Boom

Option (Less Attachment)

- 10,350# (4,705 Kg.) @ 10' (3.0M)
- 7,000# (3,182 Kg.) @ 15' (4.6M)
- 5,050# (2,295 Kg.) @ 20' (6.1 M)

LOADER WEIGHT (Less Grapple)

- 5,650 Lbs. (2,955 Kg.)
Note: Loader dry weight. Weight does not include tank, oil or cooler

BOOM OPTIONS

- 22'6" (6.86 M)
- 24'6" (7.5 M)
- 28' (8.1M)
- 28' (8.1M) + 4' (1.2M) Extension

BOOM CONSTRUCTION

- High quality, high tensile steel
- 4140, turned, ground and polished pins with aluminized bronze bushings

CYLINDERS

- Main Cylinder: 6" Bore x 36" Stroke x 3" Solid Chrome Steel Rod
- Jib Cylinder: 5" Bore x 36" Stroke x 3" Solid Chrome Steel Rod
- Stabilizer Cylinders: 3.5" Bore x 43" Stroke x 2" solid chrome steel rod
- Cylinder Wear Rings on Pistons & Glands
- Rods with heavy chrome plating

TOWER & STABILIZERS

- "A" Frame type stabilizers for maximum stability
- Open tower center for easy access to hydraulic swivel manifold, hoses and fittings
- Dual access ladders

ROTATION SYSTEM

- 550° or optional, continuous rotation
- 28" Diameter external tooth bearing.
- Swing Torque = 12,537 Ft. Lbs.

MINIMUM TRUCK FRAME

STRENGTH REQUIREMENT (RBM)

- 1.5 Million Inch Pounds



HYDRAULIC SYSTEM

- Tandem Gear Pump - 2 x 30 GPM @ 1500 RPM pump speed
- Manual hydraulic controls (joysticks and foot pedal)
- 55 Gallon Hydraulic Reservoir with site gauge, thermometer, in-tank screen filters & stainless steel coil for cold weather heating
- 2200 PSI Operating System
- Dual micron filters protect the hydraulic system
- Stack valves
- Main relief, anti-cavitation and port relief are used for precise control and unit protection

OPERATOR'S PLATFORM

- Fully supported seat, positioned for maximum visibility
- Two joystick operating system
- Front operator's guard
- Dual access ladders

AVAILABLE OPTIONS

- Platform and/or boom lights
- Custom colors

ATTACHMENTS

Builtrite and Lemco offers a wide range of grapples, including:

- Bypass log grapples
- Bypass log grapples with protective wraps (for pole handling)
- Butt styled grapples
- Trash (municipal waste) grapples

Let us know your specific application and we will match it with the attachment that will best suit your application.

