



Knuckle Boom Loader

Model 7000

The Lemco Model 7000, Knuckle Boom Loader, is designed for loggers, municipalities for road-side pick-up, storm clean-up and other applications requiring a lighter weight, yet durable loader.



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 or on the walk through, operator's console.

Two, Operator Station Options - The Model 7000 comes standard with crow's nest style operator's platform (photo above) or an optional, dual, stand-up control design which is preferred by some municipalities.

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

550° Rotation - Allows operator to work at all angles in an efficient manner.

Builrite Lemco
530 Recycle Center Drive
Two Harbors, MN 55616

☎ 218-834-5555 ✉ sales@builrite.com 🌐 www.builrite.com

P/N LEMCO 7000 1-24-2024



TENAMEC

ENGINEERED TOUGH

Model 7000 Specifications

LIFT CAPACITY with 20' Boom

Option (Less Attachment)

- 7,000# (3,181 Kg.) @ 10' (3.0M)
- 4,000# (1,818 Kg.) @ 15' (4.6M)
- 3,500# (1,590 Kg.) @ 20' (6.1 M)

LOADER WEIGHT

- 5,650 Lbs. (2,568 Kg.) -
Note: Dry weight. Does not include grapple, link, hydraulic oil and hydraulic tank. Cooler is included.

BOOM OPTIONS

- 18'6" (Standard)
- 18'6" with 4' telescopic boom
- 20' with 4' telescopic boom
- 22'6"

BOOM CONSTRUCTION

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

CYLINDERS

- Main Cylinder: 6" Bore x 24" Stroke x 3"
- Solid Chrome Steel Rod
- Jib Cylinder: 5" Bore x 24" 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 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)

- 1.1 Million Inch Pounds



HYDRAULIC SYSTEM

- Tandem Gear Pump - 2 x 25 GPM @ 1500 RPM pump speed
- Manual hydraulic controls (joysticks and foot pedal)
- 40 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.

