



# 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.

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**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

- 5,200 Lbs. (2,364 Kg.) -  
Note: Dry weight. Does not include grapple, link, hydraulic oil, hydraulic tank and cooler

## 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.

