



Dependable | Custom | American-Made

# 7000 Series

## Market-Leading Powerful Loader



**The Hood 7000 Series knuckle boom loader is a proven, efficient, one-man solution to any material handling challenge. It is a very powerful loader, and is recognized as the industry leader in forestry, construction, recycling, and waste clean-up.**

# hood

## 7000 Series Market Leading Powerful Loader

**Flexible  
Stable  
Strong  
Multiple  
Mounting  
Options:**

- **Back of cab**
- **Rear tail**
- **Trailer**
- **Electric motor stem**

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### Specifications

#### Lift Capacity

- 7,871 pounds @ 10 feet radius

#### Booms

- standard boom length 22 feet
- optional boom lengths available up to 27 feet
- 48" extend-o-boom option available
- main and knuckle boom sections: fabricated high tensile steel and reinforced at all stress points
- 2.5" diameter pivot pins made of high strength yield steel

#### Stabilizers

- 12" square pivoting pad size
- 3" bore x 40" stroke x 2" rod cylinders
- individually controlled from operators' seat with a 10.5 foot wide spread at ground level
- Automatic cylinder load locks for maximizing stability on uneven terrain

#### Swing System

- 630 degrees rotation
- hydraulic motor with failsafe brake-powered planetary gearbox driving external tooth 28" turntable bearing

#### Frame Structure

- fabricated high-tensile steel octagon construction
- operator's platform: open grate steel flooring and leg guard for safety

#### Hydraulic System

- main cylinder: 6" bore x 36" stroke x 2.5" rod fabricated heavy wall tubing barrel
- knuckle cylinder: 5" bore x 30" stroke x 2.5" rod fabricated heavy wall tubing barrel
- joystick operated linkage controls
- tandem hydraulic circuits operating at 2,250 PSI allow simultaneous operations
- double and triple section gear or vane pumps providing up to 31 + 31 + 20 GPM @ 1500 RPM
- 40 gallon loader: frame mounted or truck mounted hydraulic reservoir with 10 micron return line filters
- 4-wire reinforced braided hoses in all pressure applications
- high pressure tubing used in non-flex areas

#### Options

- telescoping extend-o-boom with separate valve & foot operator
- fold-out stabilizers with a 14' wide spread at ground level
- continuous rotation 10 port pressure manifold
- hydraulic joystick servo system controls
- hydraulic oil cooler
- hydraulic oil tank heater
- light kits and over the road travel light bars
- ladder mounted chain boxes
- full range of attachments including continuous grapples

#### Weight

- 5,900 pounds with hydraulic oil (less attachments)