



Equipment

8000 Series

Market-Leading Most Powerful Loader

Dependable | Custom | American-Made



The Hood 8000 Series knuckle boom loader is a proven, efficient, one-man solution to any material handling challenge. It is our most powerful loader, and is recognized as the industry leader in forestry, construction, recycling, and waste clean-up.

hood

8000 Series Market Leading Most Powerful Loader

**Flexible
Stable
Strong**

**Multiple
Mounting
Options:**

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

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Specifications

Lift Capacity

- 11,900 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
- 3" diameter pivot pins made of high strength yield steel

Stabilizers

- 12" square pivoting pad size
- 3.5" 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 30" 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 42" stroke x 3" rod fabricated heavy wall tubing barrel
- knuckle cylinder: 6" bore x 30" stroke x 3" 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

- 6,100 pounds with hydraulic oil (less attachments)