



Dependable | Custom | American-Made

45000 Series

Industry Leading Heavy Duty Loader
Achieving Incredible Results



The Hood 45000 Series loaders provide you unprecedented results for any material handling challenge. The 45000 is widely regarded an excellent choice for the forestry, pipe line, and construction industries. It is also an efficient loader for recycling and refuse clean-up applications.

hood

45000 Series Industry Leading Heavy Duty Loader

Market
Leader

Highest
Capacity
in the
Industry

AKM
Series

Unrivaled
Stability

Hood Equipment, Inc.
P.O. Box 307
Iron River, WI 54847
715-372-4222

Specifications

Lift Capacity

- 38,500 lbs @ 10' radius

Booms

- standard boom length **36 feet**
- high tensile alloy hinge pins within manganese bronze bushings
- engineering requests longer boom lengths available

Outriggers

- **24"** square pivoting pad size
- **7"** bore x **20.5"** stroke x **3.5"** rod cylinders
- automatic cylinder load locks for maximizing stability on uneven terrain

Swing System

- 360 degrees continuous rotation
- dual hydraulic motor with failsafe brake-powered planetary gearboxes driving internal tooth **53"** turntable
- bearing brakes rated for 600,000 loads

Subframe

- heavy duty **24"** deep H beam design using high tensile steel
- sub-frame weldment with integral stabilizer housings and fenders
- unmatched machine-leveling capability under virtually any conditions

Engine

- John Deere: 6.8L Final Tier IV, 200 HP @ 2200 RPM
- automatic engine shutdown system controlled by engine coolant and oil pressure
- **155 gallon** diesel fuel tank

Hydraulic System

- main cylinder: two **6"** bore x **48"** stroke x **3.5"** rod-fabricated heavy wall tubing barrel
- knuckle cylinder: **7"** bore x **48"** stroke x **3.5"** rod-fabricated heavy wall tubing barrel
- hydraulic joystick servo system
- **120 gallon** oil reservoir with dual **9 micron** return filters
- variable displacement piston pumps for the main and knuckle functions
- vane hydraulic pumps for the swing, servo, and other functions
- deluxe cab: **50"** wide x **60"** long with a comfortable ultra-adjustable seat with joysticks in armrests

Options

- hydraulically actuated cab platform up to 42" height
- self propelled carrier: 4 x 4 axels wheel drive
- stationary heel racks and full-powered live heels