

HOOD

32000

LOG & PULPWOOD
LOADER

The HOOD 32000 is available in truck mount, trailer mount and 4-wheel hydrostatic carrier.

- Knuckle cylinder guard and full floating pins with the LATEST CONCEPT IN BOOM DESIGNS
- Large 43" TURNTABLE BEARING with dual planetary gears and easy access
- Full visibility WINDSHIELD GUARD



The HOOD Model 32000 mounted on optional heavy-duty trailer with fifth wheel pin and boom rest.

HOOD 32000 LOADER

DESIGN FEATURES

ROTATION SYSTEM - The 43 inch diameter heavy duty turntable bearing is rated for loads in excess of 600,000 ft. lbs. The one inch diameter mounting bolts provide mounting capability to match bearing capacity.



BOOMS - Heavy duty high tensile boom weldments incorporate secondary boom cylinder guarding integral to the boom. High tensile alloy hinge pins are free floating within manganese bronze bushings. Boom actuation cylinders are two 7" bore cylinders for main boom with one 7" bore cylinder for secondary boom. A 32 foot boom is standard with variations, stationary heel racks and live heel booms available as options.

OPERATOR CAB - Deluxe cab 38" wide x 60" long x 61" high with deluxe operator seat. Tinted safety glass forward sloping front window, roof window, sliding side window and rear window. Insulated with bifold door. Instrument panel, wiper/washer, heater/defroster and interior lights.



SPECIFICATIONS

LIFT CAPACITY: 38,500 lbs @ 10' Radius

ENGINE OPTIONS

John Deere 6414T	175 HP @ 2500 RPM
Navistar DT466	210 HP @ 2500 RPM
Cummins 6BTA5.9	177 HP @ 2500 RPM
Detroit 453T	185 HP @ 2500 RPM

ENGINE ACCESSORIES/INSTRUMENTATION - Twelve volt alternator/regulator, oil/fuel filters, engine gauges/hourmeter, muffler and air cleaner with precleaner. Automatic engine shutdown system controlled by engine coolant temperature and oil pressure. Ninety gallon diesel fuel reservoir for engine.

HYDRAULIC SYSTEM - Eighty-seven gallon oil reservoir with filtered breather, double element 300 GPM 9 micron absolute return line filters with sight gauge and condition indicators. High capacity constant volume oil cooler. - Seven inch bore outrigger cylinders with load holding valves (4). Seven inch bore main boom (2) and secondary boom cylinders (1). - Three Vickers hydraulic pumps providing 150 GPM with individual pumps for main boom, secondary boom and swing functions. Ten GPM pump for auxiliary and servo functions. - High capacity high pressure control valves have combined operating ratings of up to 200 GPM at pressures up to 3600 PSI. - Optional hydraulic over hydraulic joystick servo system available for infinite control response with maximum operator comfort. Pilot system flow and pressure controlled to fine tune control response with valve activation. Deluxe ultra adjustable seat incorporates control mounting in armrests for additional operator comfort.

ROTATION SYSTEM - Continuous rotation capability is provided by two heavy duty planetary/hydraulic motor swing drive units with built in fail safe disc brakes. The swing drives provide 37,500 ft lbs of rotational force in conjunction with the additional safety of automatically actuated fail safe swing brakes.

SUBFRAME - Heavy duty 21" deep H beam design high tensile steel sub-frame weldment with integral stabilizer housings and fenders. Four high-tensile steel stabilizers extend to a working width of 17 feet at grade with additional below grade travel of approximately 18 inches. Seven inch bore stabilizer cylinders provide unmatched machine leveling capability under virtually any conditions.

UPPER STRUCTURE - The upper structure incorporates a 90 gallon fuel tank fabricated of heavy plate which also serves as a counterweight. Structure is designed to provide good access to components and routine service areas. Cab guard is integral with upper structure, independent of cab, preventing cab damage which can occur on minor impact when guarding is supported by the cab. High tensile alloy main boom pin and main lift cylinder pin are free floating within manganese bronze bushings.

ELEVATING CAB - OPTIONAL - Hydraulically actuated cab platform allows operator to adjust cab height at any time while seated within the cab. The 42" of infinitely adjustable cab height allows cab heights of up to 17 ft. above ground level. This feature enhances operator visibility when conditions warrant, yet furnishes a normal cab height for routine operation. Also available with joystick servo system option and air conditioning option.

OPTIONS - Live Heel Boom, Stationary Heel Boom with detachable heel rack, Boom lengths to 40 ft, Elevated cab (fixed height), Air conditioning, Counterweight, Cold weather clutch, Trailer Type carrier, Self propelled Trailer Type carrier, 2 or 4 wheel drive rough terrain type carrier.

HOOD *Listening... and Building the Best!*

Designing and Manufacturing High Quality Forestry Equipment
for the Cost-Conscious Log and Pulpwood Producer

HOOD EQUIPMENT, INC.

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