FEATURES

Inside-mounted with one-lever hydraulic control.
Walk-through compartment.
Excellent visibility.
Choice of 90-inch or 72-inch blade.
3-piece, reversible, replaceable cutting edge.
High, fast-acting lift.
Positive down pressure.
Float position.
Right and left manual angling.
Right and left manual tilt.
Load-shaped blade provides maximum rolling action.
Available in combination with Rotoboom, winch, log arch.

SPECIFICATIONS

(Capacities and design are subject to change without notice. Wherever applicable, specifications are in accordance with EEC and SAE Standards.)

Crawler... JD350 (gasoline or Diesel) with 46 gross flywheel and 42 net flywheel h.p. (at 500 ft. altitude and 85° F. temp.). Engine equipped with fan, air cleaner, water pump, lubricating oil pump, fuel pump, and alternator.
Lift height above ground level: 37-1/4 in.
Cutting depth below ground level: 11-1/2 in.
Angle positions: Straight or 25 degrees left or right (set manually).
Tilt positions: 72-in. blade 90-in. blade Right end down (set manually) 12-1/2 in. 16-1/2 in. Left end down (set manually) 8-1/8 in. 10-3/16 in.
Blade: Reinforced, box-welded, 72 or 90 in. long.
Cutting edge: 3-piece, reversible replaceable, heat-treated, high-carbon steel; center section 1/2 in.; end bits 5/8 in.
Blade height: 23 in.
Boom: Reinforced box-welded.
Hydraulic system: Control: Single-lever, 2-spool valve (1 for bulldozer, 1 for ripper).
Reservoir capacity: 4 U.S. gal.
Pump: Gear type, 15 or 23 gpm, 2,500 rpm (1,750 psi).
Cylinders: Two, double-acting, 3 in. x 12-1/8 in.
Cylinder rods: Ground heat-treated, chrome-plated polished.
Cylinder pivot pins: Hardened steel (replaceable bushings).

Shipping weight (Approximate):
Bulldozer and Crawler: Gasoline Diesel with 72-in blade 9,140 lb. 9,210 lb.
Bulldozer only: with 72-in blade 1,315 lb.
with 90-in. blade 1,440 lb.
Special equipment: Six 100-lb. front counterweights and brackets; for use in conjunction with 93 Series-A Backhoe. Adjustable depth shoes.
JD350 with 6360 bulldozer—Specifications

**Horsepower** (at 2,500 engine rpm):
- Gasoline: 46
- Diesel: 46

**Gross engine flywheel**
- Gasoline: 46
- Diesel: 46

**Net engine flywheel**
- Gasoline: 30
- Diesel: 30

**Drawbar at 2,500 engine rpm (with adequate weight and traction)**

<table>
<thead>
<tr>
<th>Shift Lever</th>
<th>Travel Speed at 2,500 rpm</th>
<th>Drawbar lb. at 2,500 rpm</th>
<th>Drawbar lb. at maximum torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>1.4</td>
<td>7,500</td>
<td>9,000</td>
</tr>
<tr>
<td>2nd</td>
<td>1.9</td>
<td>6,000</td>
<td>7,200</td>
</tr>
<tr>
<td>3rd</td>
<td>3.3</td>
<td>3,500</td>
<td>4,200</td>
</tr>
<tr>
<td>4th</td>
<td>6.5</td>
<td>1,500</td>
<td>1,800</td>
</tr>
</tbody>
</table>

**Maximum torque**
- 1st: 1,400 lb. ft.
- 2nd: 1,200 lb. ft.
- 3rd: 1,000 lb. ft.
- 4th: 800 lb. ft.

**Shift lever position**
- Forward or reverse travel without shifting transmission gears.
- Hydraulically controlled. Oil clutches replace engine clutch.

**Engine:**
- John Deere, variable speed, 3-cylinder, valve-in-head, 4-stroke cycle.
- Induction-hardened, counterbalanced, statically and dynamically balanced.

**Oil clutch**
- Steel-backed, aluminum-lined, removable.

**Lubrication**
- (Gas and Diesel engines) Pressure system with full-flow filter.

**Cooling system**
- Pressurized; radiator sand screen for blower fan.
- Thermostat, and fixed bypass.
- Water pump, lubricating oil pump, and alternator.

**Fuel injection**
- Type with injection pump.
- Carburetor
  - Conventional
  - Inlet metering, suction type

**Cooling**
- Fan
- Suction or blower
- Suction fan.

**Governor**
- Enclosed flyweight
- Flyweight integral type

**Air cleaner**
- Dry type.
- Inlet system
- Inlet metering, single cylinder, distributor type.

**Starting**
- 12-volt electric starter.

**Transmission**
- Selective sliding gear, 4 forward speeds and 1 reverse.

**Engine Clutch**
- Foot-operated, 11-inch single disk. (Replaced by oil clutches when direction reverser is installed.)

**Steering**
- Clutch-brake system.
- Clutch brakes
- Multiple disk, 16 friction surfaces per clutch.

**Brakes**
- Contracting band, Bonded lining.

**Over-all gear reduction ratio:**
- In first gear: 112 to 1
- In high gear: 24 to 1

**Hydraulic system**
- Double with choice of crankshaft-driven pump—15 gpm or 23 gpm.

**Power takeoff**
- Transmission driven, rear, 540 rpm.

**Track and track frame**
- Track rollers, each side
- Track carrier roller, each side

**Track shoes (types and sizes):**
- Grouser, 12- or 14-inch. Open-center grouser, 12- or 14-inch. Triple semi-grouser, open-center, 12- or 14-inch. Snow shoes, 12- or 14-inch. Rubber, 12- or 14-inch. Rubber, 12- or 14-inch.

**Dimensions**
- Over-all height with exhaust stack: 76 in.
- Over-all length: 132 in.
- Clearance at rear crossbar: 13-1/4 in.

**Capacities (U.S. Measure):**
- Fuel tank, gasoline and Diesel: 22 gal.
- Transmission: 2-1/4 gal.
- Final-drive cases (each): 3 qt.
- Direction reverser case: 3 gal.

**Base equipment:**
- Alternator-charge gauge.
- Water-temperature gauge.
- Electric hour meter.
- Deluxe posture seat with armrests.
- Tool tray.
- Transistorized voltage regulator.
- Hydraulic track-tension adjuster.
- Outer sprocket shields.
- Lights: front, rear, and panel.
- Engine side shields.
- Rear bottom guard.
- Air cleaner restriction indicator.

**Special equipment:**
- Direction reverser.
- Auxiliary remote hydraulic system and breakaway couplings.
- Remote hydraulic cylinder.
- 3-point hitch (Category 2).
- Power takeoff assembly and tachometer.
- Swinging drawbar.
- Ca lks for triple semi-grouser shoes.
- 180 amp. hr. battery installation—two 90 amp. batteries (Diesel).
- Notched snow sprockets.
- High-altitude gasoline engine.
- Track shoe types and sizes as listed above.
- Engine coolant heater.
- Sprocket shields (inner).
- Spark arrestor muffler.
- Power steering.
- Tachometer.
- Winch drive.
- Cigarette lighter.
- Pre-cleaner.
- Bolt pulley.
- Ether starting aid (Diesel).
- Breather fan.
- Grille screen.
- Radiator sand screen for blower fan.
- Long muffler stack extension.
- Canopy and seat belt.
- Instrument panel cover.