**FEATURES**
- 65 SAE net hp (65.9 PS)
- Single-lever loader control
- Power Shift Hi-Lo-Reverse
- Hydraulic track adjustment
- Sealed track rollers and idlers
- Sealed track links
- Self-adjusting, oil-cooled steering clutches and brakes
- Roll-over protective structure (ROPS)
- Vandal protection

**ADD VERSATILITY WITH:**
- Winch
- Fairlead and drawbar
- Ripper
- Backhoe
- Log and Lumber fork
- Integral log arch

**ENGINE PERFORMANCE**

![Engine Performance Chart]

**LOADER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Buckets:</th>
<th>SAE Heaped Capacity</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digging</td>
<td>1 1/4 cu. yd.</td>
<td>72.25 in.</td>
</tr>
<tr>
<td>Light Materials</td>
<td>1 1/4 cu. yd.</td>
<td>76.25 in.</td>
</tr>
<tr>
<td>Multipurpose</td>
<td>1 1/4 cu. yd.</td>
<td>73 in.</td>
</tr>
</tbody>
</table>

**Operating Information:**
- Breakout force: 14,360 lb (64.4 kN) (6513 kg)
- SAE tipping load: 9,200 lb (4173 kg)
- Maximum dumping angle: 50 deg.
- Raising time: 7.0 sec.
- Dumping time: 1.6 sec.
- Lowering time: 4.0 sec.
### JD450-C Loader Specifications

**Power (at 2500 engine rpm):**
- **SAE**
  - Gross: 70 hp (52.2 kW)
  - Net: 65 hp (48.5 kW)
- **DIN**
  - Gross: 65.9 PS

Net engine flywheel power is for an engine equipped with fan, air cleaner, water pump, lubricating oil pump, fuel pump, and alternator. The gross engine power is without fan. Flywheel power ratings are under SAE standard conditions of 500-ft altitude and 85° F. temperature, and DIN 0276 conditions (non-corrected). No derating is required up to 10,000 feet (3000 m) altitude.

**Engine:**
- John Deere 4-cyl. turbocharged diesel, 4-stroke cycle
- Bore and stroke: 4.02x4.33 in. (102x110 mm)
- Piston displacement: 218 cu. in. (3586 cm³)
- Compression ratio: 16.2 to 1
- Maximum torque @ 1400 rpm 164.5 lb-ft (223 Nm) (22.74 kg-m)
- NACC or AMA (U.S. Tax) horsepower: 23.84 hp
- Internal lubrication: Pressure system w/full-flow filter
- Fan blower
- Air cleaner w/restriction indicator: Dry

**Transmission:**
- H-L-R: 4 speed ranges; with high, low, and reverse speeds shifted hydraulically without clutching in each range.
- Travel speeds: 11-in. (279mm) single-disk

<table>
<thead>
<tr>
<th>Gear Range</th>
<th>Travel Speeds</th>
<th>Travel Speeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>1.3 mph</td>
<td>3.0 km/h</td>
</tr>
<tr>
<td>High</td>
<td>1.8 mph</td>
<td>3.0 km/h</td>
</tr>
<tr>
<td>Reverse</td>
<td>1.7 mph</td>
<td>3.0 km/h</td>
</tr>
</tbody>
</table>

**Steering:**
- Steering clutches and brakes are controlled by a single lever for each track. A pedal provides braking, and lock-down for parking.
- Clutches: Oil-cooled, hydraulically-actuated, multiple-disk, 11-in. (279mm) disks; 16 friction surfaces per clutch.
- Brakes: Self-adjusting, self-energizing, oil-cooled contracting band with bonded lining.

**Hydraulic System:**
- Control: Single-lever, triple hydraulic system
- Pump: Gear, 28 gpm (175 L/s)
- Pressure: 2250 psi (15.514 kPa) (158.2 kg/cm²)
- Oil lines: Seamless steel tubing; double-wire-braid hose
- Filter: Micronic in return line

**Special Equipment:**
- Two batteries
- Rear counterweight for multipurpose bucket or log loader
- Winch drive
- Brush screens

**Engine Specifications:**
- **Net engine flywheel power is for an engine equipped with fan, air cleaner, water pump, lubricating oil pump, fuel pump, and alternator. The gross engine power is without fan. Flywheel power ratings are under SAE standard conditions of 500-ft altitude and 85° F. temperature, and DIN 0276 conditions (non-corrected). No derating is required up to 10,000 feet (3000 m) altitude.**

**Engine Details:**
- **Bore and stroke:** 4.02x4.33 in. (102x110 mm)
- **Piston displacement:** 218 cu. in. (3586 cm³)
- **Compression ratio:** 16.2 to 1
- **Maximum torque:** 1400 rpm 164.5 lb-ft (223 Nm) (22.74 kg-m)
- **NACC or AMA (U.S. Tax) horsepower:** 23.84 hp
- **Internal lubrication:** Pressure system w/full-flow filter
- **Fan blower:**
- **Air cleaner w/restriction indicator:** Dry

**Transmission Details:**
- **H-L-R:** 4 speed ranges; with high, low, and reverse speeds shifted hydraulically without clutching in each range.
- **Travel speeds:** 11-in. (279mm) single-disk

<table>
<thead>
<tr>
<th>Gear Range</th>
<th>Travel Speeds</th>
<th>Travel Speeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>1.3 mph</td>
<td>3.0 km/h</td>
</tr>
<tr>
<td>High</td>
<td>1.8 mph</td>
<td>3.0 km/h</td>
</tr>
<tr>
<td>Reverse</td>
<td>1.7 mph</td>
<td>3.0 km/h</td>
</tr>
</tbody>
</table>

**Additional Standard Equipment:**
- Front and rear bottom guards
- Front hitch
- Deluxe cushion seat w/ armrests
- Key switch w/push-button safety start
- Electric horn
- Cigarette lighter
- Electric hourmeter
- Vandal protection
- Bucket level indicator
- Radiator sand shield
- Engine side shields
- Trash resistant radiator
- Sprocket weights
- Lights
- Ether starting aid
- Return to dig
- Tachometer
- Front idler shield
- Master electrical disconnect switch
- ROPS w/canopy and seat belt
- Boom safety lock bar

**SAE Operating Weight w/ROPS:** 16,700 lb. (7582 kg)