FEATURES
67 SAE net hp (50 kW)
Single-lever loader control
Power Shift Hi-Lo-Reverse
Dura-Track™ undercarriage with boron-steel deep-heat-treated, strutted, sealed track links; deep-heat-treated sealed rollers; boron-steel through-hardened grousers; sealed front idler and carrier roller
Self-adjusting, oil-cooled steering clutches and brakes
Roll-over protective structure (ROPS)
Vandal protection
ADD VERSATILITY WITH:
Winch
Fairlead and drawbar
Ripper
Backhoe
Multipurpose bucket
Log and lumber fork
Integral log arch

ENGINE PERFORMANCE

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(\frac{1}{4}) cu. yd.</td>
<td>72.25 in. (1.84 m)</td>
</tr>
<tr>
<td>Multipurpose</td>
<td>1(\frac{1}{4}) cu. yd.</td>
<td>73 in. (1.85 m)</td>
</tr>
</tbody>
</table>

Operating Information:
Breakout force ............ 15,174 lb. (68 kN) (6883 kg)
SAE tipping load .......... 11,000 lb. (4990 kg)
Maximum dumping angle ......... 50 deg.
Raising time ............ 7.0 sec.
Dumping time .......... 1.6 sec.
Lowering time .......... 4.0 sec.
455D LOADER SPECIFICATIONS

(Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with ICED and SAE Standards. Except where otherwise noted, these specifications are based on a unit equipped with 1 1/4 cu. yd. (0.96 m³) digging bucket w/teeth, roll-over protective structure, full fuel tank, 175-lb. (79 kg operator) and standard equipment.)

Power (@ 2500 engine rpm): SAE Gross 72 hp (53.7 kW) Net 67 hp (50 kW) DIN 50 kW

Net engine power is with standard equipment including air cleaner, exhaust system, alternator and cooling fan. Power ratings are at standard conditions per SAE J1349 and DIN 6270. No derating is required up to 10,000 feet (3050 m) altitude.

Engine: John Deere 4-cylinder turbocharged diesel, 4-stroke cycle

- Bore and stroke: 4.02 x 4.33 in. (102 x 110 mm)
- Piston displacement: 219 cu. in. (3.589 L)
- Compression ratio: 16.2 to 1
- Maximum torque @ 1400 rpm: 190 lb-ft (258 Nm) (26.3 kg-m)
- Engine torque rise: 35 percent

Power system: Pressure system w/full-flow filter

Hydraulic System:

- Gear Pump: 28 gpm (1.76 L/s)
- Hydraulic oil pressure: 2250 psi (15,141 kPa) (158.2 kg/cm²)
- Oil lines: Stainless steel tubing; double-wire-braiding hose
- Filter: Spin-on micronic

Clutches: 11-in. (279 mm) single-disk

Steering:

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

Gearbox:

- H-L-R: 4 speed ranges; with high, low and reverse speeds shifted hydraulically without clutching in each range.

Undercarriage:

- 5-roller track frame with full-length rock guards.
- Track shoes, each side: 37 in. (940 mm)

 Capacities:

<table>
<thead>
<tr>
<th>Description</th>
<th>U.S.</th>
<th>Liters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling system</td>
<td>4 gal.</td>
<td>15</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>31 gal.</td>
<td>117</td>
</tr>
<tr>
<td>Crankcase, including filter</td>
<td>8 qt.</td>
<td>6.5</td>
</tr>
<tr>
<td>Transmission</td>
<td>8 gal.</td>
<td>30</td>
</tr>
<tr>
<td>Final drive (each)</td>
<td>6.25 qt.</td>
<td>6.91</td>
</tr>
<tr>
<td>Loader hydraulic reservoir</td>
<td>7 gal.</td>
<td>27</td>
</tr>
<tr>
<td>Loader hydraulic system</td>
<td>13 gal.</td>
<td>49</td>
</tr>
<tr>
<td>Steering clutch housing (each side)</td>
<td>28 qt.</td>
<td>26.5</td>
</tr>
</tbody>
</table>

Additional Standard Equipment:

- Boom safety lock bar
- Bottom guard counterweight
- Muffler
- Muffler level indicator
- Cold-weather starting aid
- Deluxe cushion seat with armrests
- Engine side shields
- Front idler shield
- Front hitch
- Front and rear bottom guards
- Horn
- Key switch w/pushbutton safety start
- Lights
- Master electrical disconnect switch
- Master electrical disconnect switch
- Hydraulic
- Winch drive
- Trash-resistant radiator
- Vandal protection
- SAE Operating Weight w/ROPS 17,150 lb. (7780 kg)