**JD14 LOADER**

**FEATURES**
- 25 brake horsepower 2-cylinder Onan gasoline engine
- Turns within its own length
- Hydrostatic 4-wheel drive
- Instant reversing
- T-bar control of steering, speed and reversing
- Disk parking brakes
- Choice of three Quick-Switch buckets and one pallet fork
- Roll-over protective structure (ROPS)

**LOADER SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Buckets</th>
<th>Struck Capacity</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>cu. ft.</td>
<td>m³</td>
</tr>
<tr>
<td>Utility</td>
<td>6</td>
<td>0.170</td>
</tr>
<tr>
<td>Light Materials</td>
<td>10</td>
<td>0.283</td>
</tr>
<tr>
<td>Light Materials</td>
<td>12</td>
<td>0.340</td>
</tr>
</tbody>
</table>

**Pallet Fork:**
- 36 in. (914 mm) tines ... 45 1.14

**Operating Information:**
- Lift capacity, full height: 800 lb. (363 kg)
- Hydraulic lift capacity: 1900 lb. (862 kg)
- Breakout force: 1500 lb. (6.72 kN) (680 kg)
- SAE tipping load: 1700 lb. (771 kg)
- Rear clearance circle radius, less bucket: 3 ft. 9.13 in. (1.15 m)
- Overall length, less bucket: 6 ft. (1.83 m)
- Overall width, less bucket: 3 ft. 10 in. (1.17 m)
- Wheel tread: 37 in. (940 mm)

**Hydraulic System:**
- Pressure: 1500 psi (103.4 bar) (105.5 kg/cm²)
- Control: Dual-pedal, double hydraulic system
- Pump: Gear, 8 gpm (30.3 l/min) @ 3200 engine rpm
- Oil lines: Welded JIG steel tubing; single-wire-braided hose
- Filter: 33-micron paper cartridge in suction line

**Hydraulic Cylinders:**
- **Boom (2):** Bore 2 in. (51 mm) Stroke 22 in. (559 mm)
- **Bucket (2):** Bore 2 in. (51 mm) Stroke 22 in. (559 mm)
- Cylinder rods: Ground, heat-treated, chrome-plated, polished
- Boom cylinder rods: 1 in. (25.4 mm) dia.
- Bucket cylinder rods: 1 in. (25.4 mm) dia.
JD14 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 for a unit equipped with 6 cu. ft. (0.17m3) utility bucket and standard equipment.)

Power (@ 3600 engine rpm):
Brake (SAE) ......................... 25 hp (18.6 kW*)

Brake power is for an engine equipped with fan, air cleaner and muffler; and is maximum under SAE standard conditions at sea level and 60° F.

*In the International System of Units (SI), power is expressed in kilowatts (kW).

Engine: Onan NHC, 2-cylinder, 4-stroke cycle, gasoline
Bore and stroke ............... 3.36x3 in. (90x76 mm)
Piston displacement ... 60 cu. in. (983 cm3)
Compression ratio .......... 7 to 1
Maximum torque @ 2200 rpm .... 41 lb-ft (55 Nm) (5.7 kg-m)
NACC or AMA (U.S. Tax) horsepower ... 10.15

Lubrication ...................... Pressure system w/full-flow filter
Cooling fan ....................... Suction
Air cleaner w/restriction indicator ........ Dry
Electrical system .......... 12-volt w/alternator

Drive System:
Two hydrostatic pumps with variable angle cam plates and two hydrostatic motors with fixed angle cam plates.

Final Drives:
Axle .................. 2.66-in. (65 mm) dia., one-piece forged steel.
Chains ................ Primary drive, No. 50; final drive, No. 60 (standard).

Travel Speeds: mph km/h
Forward or reverse .............. 0-5 0-8

Steering .................. T-bar control

Tires .................... 8.5-27-15, 4-ply-rating

Capacities:
U.S.
Engine lubrication, including filter ........... 4 qt. 3.8
Loader hydraulic system ............ 15 gal. 56.8

Additional Standard Equipment:
Counterweight
Seat belt w/retractors
Deluxe seat
ROPS w/canopy and wire mesh screens
3-way braking system
Disk parking brakes

SAE Operating Weight:
W/o bucket or fork ............ 2587 lb. (1173 kg)

Shipping Weight:
lb. kg
Buckets:
Utility .................. 150 68
Light Materials .......... 195 89
Pallet fork (w/mounting frame):
Two 36 in. (914 mm) tines .... 250 113

Buckets

<table>
<thead>
<tr>
<th></th>
<th>Utility</th>
<th>Light Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>8 ft. 2.5 in. (2.50 m)</td>
<td>8 ft. 6.5 in. (2.60 m)</td>
</tr>
<tr>
<td>B</td>
<td>1 ft. 2.5 in. (388 mm)</td>
<td>1 ft. 6.5 in. (470 mm)</td>
</tr>
<tr>
<td>C</td>
<td>5 ft. 2.5 in. (1.59 m)</td>
<td>5 ft. (1.52 m)</td>
</tr>
<tr>
<td>D</td>
<td>3 ft. (0.91 m)</td>
<td>3 ft. 4 in. (1.02 m)</td>
</tr>
<tr>
<td>E</td>
<td>33 deg.</td>
<td>33 deg.</td>
</tr>
<tr>
<td>F</td>
<td>41 deg.</td>
<td>41 deg.</td>
</tr>
<tr>
<td>G</td>
<td>0.5 in. (12.7 mm)</td>
<td>0.5 in. (12.7 mm)</td>
</tr>
<tr>
<td>H</td>
<td>2 ft. 11 in. (889 mm)</td>
<td>3 ft. 3 in. (991 mm)</td>
</tr>
</tbody>
</table>

A. Overall length with bucket
B. Reach at max. height, bucket at full dump
C. Clearance, bucket at full dump
D. Reach, bucket on ground
E. Bucket rollback
F. Max. dumping angle
G. Digging depth below ground level
H. Reach, bucket rolled back

Special Equipment:
Lights
Boom lock assembly
Additional counterweight

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