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

Buckets	Struck Capacity cu. ft.	m^3	Width in.	meters
Utility	6	0.170	47	1.19
Light Materials	10	0.283	53	1.35
Light Materials	12	0.340	53	1.35

Pallet Fork:

36 in. (914 mm) tines 45 1.14

Operating Information:

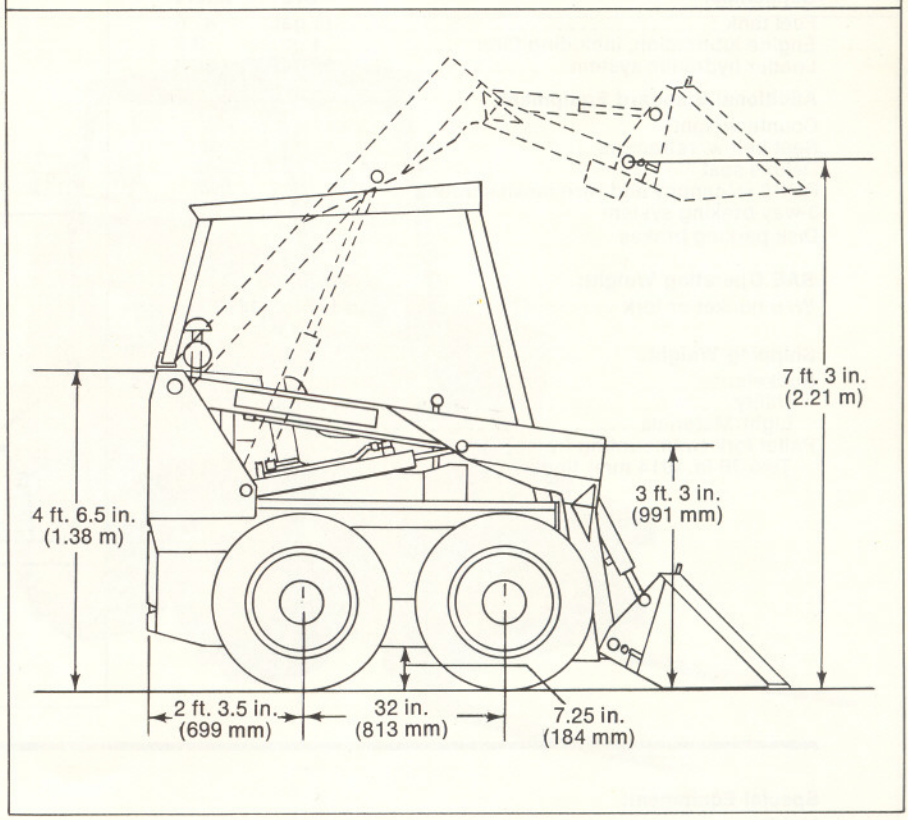
Lift capacity, full height ....800 lb. (363 kg)
Hydraulic lift capacity ....1900 lb. (862 kg)
Breakout force ..1500 lb. (6.72 kN) (680 kg)
SAE tipping load .....1700 lb. (771 kg)
Rear clearance circle radius, less bucket .....3 ft. 9.13 in. (1.15 m)
Overall length, less bucket ....6 ft. (1.83 m)
Overall 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/cm^2)
Control ..Dual-pedal, double hydraulic system
Pump .....Gear, 8 gpm (30.3 l/min) @ 3200 engine rpm
Oil lines ....Welded JIC steel tubing; single-wire-braid hose
Filter ....33-micron paper cartridge in suction line

Hydraulic Cylinders:	Bore	Stroke
Boom (2)	2 in. (51 mm)	22 in. (559 mm)
Bucket (2)	2 in. (51 mm)	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 .....3.56x3 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 .....2.56-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 8.50-27-15, 4-ply-rating

Capacities:	**U.S**	**Liters**
Fuel tank	11 gal.	41.6
Engine lubrication, including filter	4 qt.	3.8
Loader hydraulic system	15 gal.	56.8

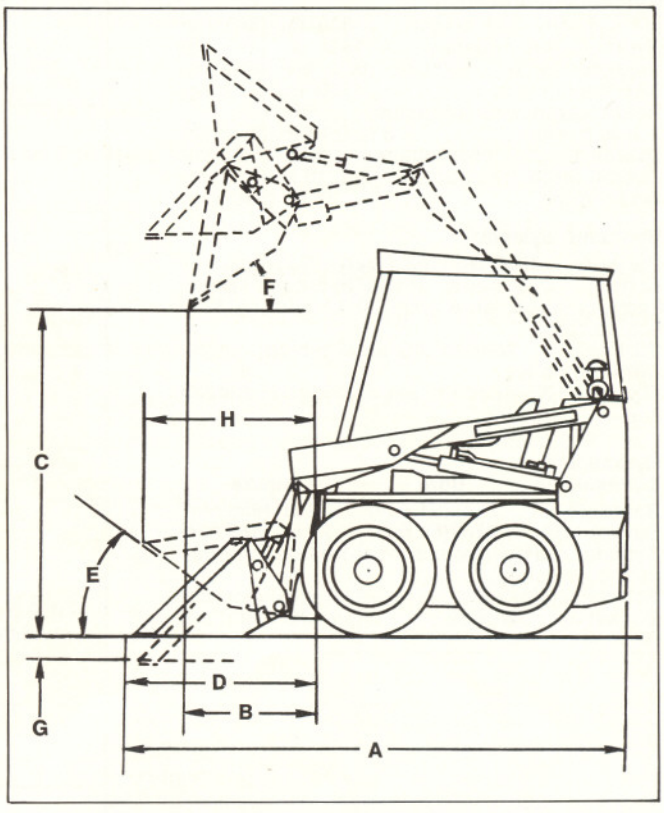
Additional Standard Equipment:
Counterweight
Seat belt w/retractors
Deluxe seat
ROPS w/canopy and wire mesh screens
3-way braking system
Disk parking brakes

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	
	Utility	**Light Materials**
A	8 ft. 2.5 in. (2.50 m)	8 ft. 6.5 in. (2.60 m)
B	1 ft. 2.5 in. (368 mm)	1 ft. 6.5 in. (470 mm)
C	5 ft. 2.5 in. (1.59 m)	5 ft. (1.52 m)
D	3 ft. (0.91 m)	3 ft. 4 in. (1.02 m)
E	33 deg.	33 deg.
F	41 deg.	41 deg.
G	0.5 in. (12.7 mm)	0.5 in. (12.7 mm)
H	2 ft. 11 in. (889 mm)	3 ft. 3 in. (991 mm)

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