



317

SKID STEER LOADER

61 HORSEPOWER



COMMERCIAL WORKSITE PRODUCTS

317 SKID STEER LOADER

SPECIFICATIONS

Standard Equipment

- Adjustable Armrests
- Adjustable Foot Pedals
- Automatic Fan Belt Tensioner
- Automatic Preheat
- Automatic Shutdown with Alarm
- Auxiliary Hydraulics Operation Presence System
- Convenient Front and Rear Tie Downs
- Deluxe Headliner
- Deluxe Instrumentation EMU with Operator Selectable Monitoring: Hour Meter, Engine RPM, Battery Voltage, Diagnostics, EMU Configuration, Engine Coolant Temperature and Hydraulic Oil Temperature
- LED Warning Indicators: Glow Plug, Seat Switch, Seat Belt, Door Open, Auxiliary Hydraulics, Park Brake Engaged, Two-Speed Engaged, Stop, Low Engine Oil Pressure, Engine Coolant Over-Temperature, Battery Not Charging, Air Filter Restriction, Hydraulic Filter Restriction
- Environmental Drains for All Fluid Reservoirs
- Front and Rear Halogen Work Lights
- Four Grab Handles
- Integral Cab Boom Lock
- John Deere 250 Series PowerTech™ Turbocharged Engine — meets EPA Tier II non-road emissions regulations
- John Deere COOL-GARD® Extended Life Engine Coolant
- John Deere Hydraulic Cylinders with Cushioned Boom Cylinders
- John Deere Plus-50® 10w30 Initial Engine Oil Fill²
- Patented John Deere Quik-Tatch™
- Patented John Deere Vertical-Lift Boom with Superior Visibility
- Quick-Check Hydraulic Fluid Level Sight Glass
- Quick-Pivot ROPS
- Rear Window
- ROPS/FOPS Operator Structure
- Seat Belt with Auto Recoil
- Triple Interlock Operator Presence Control System
- Water-Shedding Deluxe Vinyl Seat
- Wet Disk Brakes
- Three-Micron Hydraulic Filter
- Five-Micron Primary Fuel Filter and Water Separator

Break new ground in productivity, uptime, and low operating costs.

- Smooth and quiet 61-hp, high-torque, four-cylinder turbocharged Deere diesel with exclusive precision-joint connecting rods and hydraulic valve-lifters delivers exceptional reliability, power, and torque rise.
- Smooth and responsive low-effort manual controls maximize control and minimize fatigue.
- Patented vertical-lift boom with cushioned cylinders provides unsurpassed load stability and visibility.
- Quick-lift cab, lift-off side panels, and easy-open top and rear doors provide wide-open access to simplify daily and periodic maintenance.
- Strong machine forces ensure best-in-class productivity.

Engine:

Model	John Deere 4024T
Displacement.....	149 cu. in. (2.4 L)
Cylinders	4
Gross Horsepower	61 hp (45.5 kW)
Net Horsepower.....	57 hp (42.5 kW)
Rated Engine Speed	2,800 rpm
Fuel Capacity.....	16 gal. (60.6 L)

Performance:

Tipping Load.....	3,700 lb. (1678 kg)
SAE Rated Operating Capacity ¹	1,750 lb. (794 kg)
ROC with Optional Counterweights	2,100 lb. (953 kg)

Breakout Forces:

Boom.....	3,100 lb. (1406 kg)
Bucket with Heavy-Duty Foundry.....	5,500 lb. (2495 kg)
Bucket with Heavy-Duty Construction.....	3,900 lb. (1769 kg)

Ground Speed:

Single Speed	6.8 mph (10.9 km/h)
Maximum Axle Torque	4,450 lb.-ft. (6034 Nm)
Tractive Effort	7,315 lbf (3318 kgf)
Operating Weight	6,300 lb. (2858 kg)

Hydraulics:

System Hydraulic Pressure @ Couplers	3,450 psi
Standard Pump Flow	17 gpm (64 L/min.)
Total Pump Flow with High-Flow Option	27 gpm (102 L/min.)

Hydraulic Horsepower:

Standard Flow (calculated)	34 hp (25.4 kW)
High Flow (calculated)	53 hp (39.5 kW)

Transmission:

Type	Manual-Hydrostatic
System High-Pressure Relief	5,000 psi

Electrical System:

Alternator Output	70 amps
Battery Cold Cranking Amps	750

Dimensions:

Length without Bucket.....	102 in. (2591 mm)
Length with Bucket.....	125.8 in. (3195 mm)
Width without Bucket	64.1 in. (1628 mm)
Height to ROPS.....	75.4 in. (1915 mm)
Height to Hinge Pin.....	114 in. (2896 mm)

Dump Reach:

Heavy-Duty Foundry Bucket	29.1 in. (739 mm)
Heavy-Duty Construction Bucket	36 in. (914 mm)
Dump Angle (At Full Height)	45 degrees
Bucket Rollback (At Ground)	35 degrees
Wheelbase.....	42.3 in. (1074 mm)
Ground Clearance.....	8.2 in. (208 mm)
Angle of Departure	27 degrees
Standard Tire Size	10x16.5 8 PR Extra Wall

John Deere Standard Warranty One-year unlimited hours

Options and Accessories

- Air Conditioning with Heater/Defroster
- Backup Alarm
- Battery, 925 cca
- Block Heater
- Cab Enclosure
- Chrome Exhaust Stack
- Demolition Door
- Dual Flashers
- Floor Cover Plates
- Hand Controls
- Heater/Defroster
- High-Flow Hydraulics
- Horn
- Hydraulic Quik-Tatch
- Hydraulic Self-Leveling
- Quik-Tatch Weights
- Rear Weight Brackets
- Rearview Mirror Kit
- Shoulder Belt
- Side Window Kit
- Single-Point Lift Kit
- SMV Sign Kit
- Spare Tire and Wheel
- Suspension Seat
- Tire Options: Flotation, Foam Filled, Solid, HD Galaxy
- Top Window
- Vinyl Cab Enclosure Kit
- Warning Beacon Kit
- 3-Inch Seat Belt
- 8-Button Handle Kit
- 12-Volt Receptacle Kit

Note: Where applicable, dimensions and performance specifications are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Dimensions given are with skid steer equipped with standard tires. John Deere complies with the requirements of ISO 9001 as registered with QMI.

¹ Operating capacity rated with standard tires and foundry bucket according to SAE standard J818 operating capacity to equal no more than one half the tip load.

² 500-hour engine oil change intervals when John Deere Plus-50 oil and John Deere oil filter is used.

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