

MANUFACTURER

John Deere

MODEL

4320

Engine

Manufacturer	John Deere 4024T
Engine HP (kW) - gross	48.0 (35.3) per ISO 97/68/EC
PTO HP (kW) - Gear transmission	39.9 (29.8) per SAE
PTO HP (kW) - Hydrostatic transmission	39.9 (29.8) per SAE
Rated engine speed, rpm	2400
Type	Diesel
Operating range	950-2600
Aspiration	Turbo
Cylinders/Displacement, cu. in. (liters)	4 / 148.9 (2.44)
Cylinder Liners	Cast-in-block
Bore and Stroke, mm (in.)	86x105 (3.39x4.13)
Compression Ratio	20:1
Lubrication	Pressurized
Cooling System	Water pump
Air Cleaner	Dry type w/ safety element and air restriction indicator
Engine Shutoff	Key switch
Engine Torque @ rated speed, ft./lb. (N/m)	101.98 (138.27)
Fuel Tank Cap., US Gal. (L) (Open; Cab)	Open-14.5 (54.9); Cab-13.8 (52.2)

Electrical

Type	12 volt
Battery Size (CCA)	770
Alternator (12 volt, amp)	70 amp
Starter Size, hp (kW)	2.3 (2.2)

Fuel System

Type	Direct injection
Injection Pump Type	In-line with electric shutoff
U.S. gal./hr (L/hr) @ 100% load*	2.67 (10.1)
*Fuel consumption rate should be used for comparison purposes only.	---

Transmission

Std. Transmission; Forward/Reverse	PowrReverser; 12F/12R
Opt. Transmission; Forward/Reverse	eHydro - 3 range
Left-Hand Reverser	Yes / NA
On-The-Go Shifting (Yes/No/Partial)	Yes / NA
Direction Reverser; Forward/Reverse	Yes / NA
Final Drive	Planetary
Brakes	Multi-disk, wet
Steering	Power steering
Clutch; Wet/Dry	Two wet multi-disk
Clutch Disk Diameter, in. (mm) wet clutch	5.1 (130)
Drawbar Tongue Weight Capacity, lb. (kg)	1102 (500)
Axle Capacity (in operation)	---
Front, lb. (kg)	3527 (1600) or combined capacity of front tires, whichever is less.
Rear, lb. (kg)	5292 (2400)
Creeper	No / Optional SpeedMatch

Hydraulics

Type	Open Center
Pump Rated Output, gpm (L/min.)	17.1 (64.6)
Steering	5.1 (19.3)
Implement	12 (45.3)
Pump Type	Dual gear
Maximum Operating Pressure (PSI)	2500
Draft Control Type	Position Control
Remote Control Valves Available	5

3-Point Hitch

Type	Category I
Lift Capacity (24-in. behind link arms), lb. (kg)	2500 (1134)
Lift Capacity @ lift link ends, lb. (kg)	3130 (1419)

Power Take-Off (PTO)

Standard	Rear @ 540 RPM
Optional	Mid @ 2100 RPM
Control	Independent
Clutch	Multi-disk, wet
Brake (for Mid and Rear PTO)	Multi-disk, wet

Fluid Capacities

Fuel Tank, gal. (l)	Open-14.5 (54.9); Cab-13.8 (52.2)
Cooling system (includes coolant bottle), qt. (l)	Open-6.4 (6.2); Cab-8.8 (8.4)
Crankcase with filter, qt. (l)	8 (7.5)
Transmission and Hydraulic System, gal. (l) gear	10.3 (38.9)
Transmission and Hydraulic System, gal. (l) hydrostatic	9.6 (36.1)
Front Axle Gearcase (MFWD axle), gal. (l)	1.3 (5)

Final Drive

Type	Planetary
Engage On-the-Go Rear Differential Lock	Yes

Operator Station

Rollover Protective Structure	OSHA, SAE, ASAE
Rigid - Foldable - Telescopic	Foldable
Platform - Flat/Straddle	Flat
Gear Shift Location - Console/Floor	Left Hand Side

Cab

Compliance	Complies with OSHA, SAE, and CSA standards for roll-over protection
Visibility	360 Degrees
Air Conditioning, Temperature Differential	Yes, up to 30 degrees
Doors	2
Platform - Flat/Straddle	Flat
dB(A) Rating	78
Seat Suspension System	Scissor-link

2WD Dimensions

Wheelbase, in. (mm)	NA
Front Tread Range, in. (mm)	NA
Rear Tread Range, in. (mm)	NA
Minimum Rear Tread Setting, in. (mm)	NA
Front Axle Clearance, in. (mm)	NA
Turning Radius w/Brakes, ft. (m)	NA
Turning Radius w/o Brakes, ft. (m)	NA
Unballasted Operating Weight, lb. (kg)	NA
Approx. Ship Wgt, lb. (kg) Open; Cab	---

MFWD Dimensions

Wheelbase, in. (mm)	71.5 (1816)
Front Tread Range, in. (mm)	---
Front Axle Clearance, in. (mm)	---
Turning Radius w/Brakes, ft. (m)	9.2 (2.8)
Turning Radius w/o Brakes, ft. (m)	9.8 (3)
Limited Slip Differential	---
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	Open-3700 (1679); Cab-4345 (1971)

Standard Tires

2WD	---
Front	NA
Rear	NA
MFWD	---
Front	8.00-16 R1
Rear	13.6-28 R1

Miscellaneous

Underhood Muffler	Yes
Joystick SCV Control	Yes
Inboard Planetary	Yes
Axle Type	Flanged
Brakes - Type and Control	Wet disk

Specifications are based on published information at the time of publication. Specifications are subject to change without notice. Contact [your local John Deere dealer](#) for more information.