

MANUFACTURER**John Deere****MODEL****3520****Engine**

Manufacturer	Yanmar 3TNV84T
Engine HP (kW) - gross	37.1 (27.3) per ISO 97/68/EC
PTO HP (kW) - Gear transmission	30.5 (22.7) per SAE
PTO HP (kW) - Hydrostatic transmission	30.0 (22.4) per SAE
Rated engine speed, rpm	2600
Type	Diesel
Operating range	950-2810
Aspiration	Turbo
Cylinders/Displacement, cu. in. (liters)	3/ 91.5 (1.5)
Cylinder Liners	Cast-in-block
Bore and Stroke, mm (in.)	84x90 (33x3.54)
Compression Ratio	18:1
Lubrication	Pressurized
Cooling System	Water pump
Air Cleaner	Dry type with safety element and air restriction indicator
Engine Shutoff	Key switch
Engine Torque @ rated speed, ft./lb. (N/m)	71.1 (96.4)
Fuel Tank Cap., US Gal. (L) (Open; Cab)	Open-13.5 (51.1); Cab- 11.8 (44.7)

Electrical

Type	12 volt
Battery Size (CCA)	500
Alternator (12 volt, amp)	Open-40 amp; Cab-75 amp
Starter Size, hp (kW)	1.8 (1.4)

Fuel System

Type	Direct injection
Injection Pump Type	In-line with electric shutoff
U.S. gal./hr (L/hr) @ 100% load*	2.4 (9.1)
*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
Direction Reverser; Forward/Reverse	Yes / Twin Touch Pedals
Final Drive	Helical gear
Brakes	Wet disk
Steering	Power steering
Clutch; Wet/Dry	Wet
Clutch Disk Diameter, in. (mm) wet clutch	Two wet multi-disk
Drawbar Tongue Weight Capacity, lb. (kg)	882 (400)
Axle Capacity (in operation)	---
Front, lb. (kg)	1587-3197 (720-1450)
Rear, lb. (kg)	5292 (2400)
Creeper	No / Optional SpeedMatch

Hydraulics

Type	Open Center
Pump Rated Output, gpm (L/min.)	13.9 (52.5)
Steering	5.3 (20)
Implement	8.6 (32.5)
Pump Type	Dual gear
Maximum Operating Pressure (PSI)	2500
Draft Control Type	Position control
Remote Control Valves Available	5

3-Point Hitch

Type	Category 1
Lift Capacity (24-in. behind link arms), lb. (kg)	2200 (999)
Lift Capacity @ lift link ends, lb. (kg)	2530 (1149)
Power Take-Off (PTO)	
Standard	Rear @ 540
Optional	Mid @ 2100
Control	Independent
Clutch	Multi-disk, wet
Brake (for Mid and Rear PTO)	Multi-disk, wet
Fluid Capacities	
Fuel Tank, gal. (l)	Open-13.5 (51.1); Cab-11.8 (44.7)
Cooling system (includes coolant bottle), qt. (l)	Open-5.3 (1.4); Cab-7.6 (7.0)
Crankcase with filter, qt. (l)	5.1 (4.8)
Transmission and Hydraulic System, gal. (l) gear	6.3 (23.8)
Transmission and Hydraulic System, gal. (l) hydrostatic	6.8 (25.7)
Front Axle Gearcase (MFWD axle), gal. (l)	4.7 (4.5)
Final Drive	
Type	Spur Gear
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 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	80
Seat Suspension System	Scissor-link
2WD Dimensions	
Wheelbase, in. (mm)	---
Front Tread Range, in. (mm)	---
Rear Tread Range, in. (mm)	---
Minimum Rear Tread Setting, in. (mm)	---
Front Axle Clearance, in. (mm)	---
Turning Radius w/Brakes, ft. (m)	---
Turning Radius w/o Brakes, ft. (m)	---
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	---
MFWD Dimensions	
Wheelbase, in. (mm)	68 (1727)
Front Tread Range, in. (mm)	---
Front Axle Clearance, in. (mm)	---
Turning Radius w/Brakes, ft. (m)	8.8 (2.68)
Turning Radius w/o Brakes, ft. (m)	9.2 (2.8)
Limited Slip Differential	---
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	Open-2900 (1316); Cab-3570 (1619)
Standard Tires	
2WD	---
Front	---
Rear	---
MFWD	---
Front	7-14 / 6PR / R1
Rear	11.2-24 / 6PR / R1
Miscellaneous	

Underhood Muffler	Yes
Joystick SCV Control	Yes
Inboard Planetary	---
Axle Type	---
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.