

MANUFACTURER	John Deere
MODEL	3005
Engine	
Manufacturer	Yanmar 3TNV82A
Engine HP (kW) - gross	27.5 (20.2) per ISO 97/68/EC
PTO HP (kW) - Gear transmission	23.5 (17.5) per SAE
PTO HP (kW) - Hydrostatic transmission	---
Rated engine speed, rpm	2700
Type	Diesel
Operating range	925-2890
Aspiration	Natural
Cylinders/Displacement, cu. in. (liters)	3 / 81.2 cu. in. (1.3L)
Cylinder Liners	Cast-in-block
Bore and Stroke, mm (in.)	82x84 (3.23x3.31)
Compression Ratio	18.1:1
Lubrication	Pressurized
Cooling System	Water pump
Air Cleaner	Single-stage dry (manual steering) or two-stage dry (power steering)
Engine Shutoff	Key switch
Engine Torque @ rated speed, ft./lb. (N/m)	54.1 ft./lb
Fuel Tank Cap., US Gal. (L) (Open; Cab)	6.3 (23.85)
Electrical	
Type	12 volt
Battery Size (CCA)	500
Alternator (12 volt, amp)	40
Starter Size, hp (kW)	1.9 hp (1.4 kW)
Fuel System	
Type	Direct injection
Injection Pump Type	In-line with electric shutoff
U.S. gal./hr (L/hr) @ 100% load*	---
*Fuel consumption rate should be used for comparison purposes only.	---
Transmission	
Std. Transmission; Forward/Reverse	Sliding gear; 8F/2R
Opt. Transmission; Forward/Reverse	---
Left-Hand Reverser	No
On-The-Go Shifting (Yes/No/Partial)	No
Direction Reverser; Forward/Reverse	No
Final Drive	Spur gear
Brakes	Dry shoe
Steering	Power steering
Clutch; Wet/Dry	Dry: Single Stage (2WD) / 2 Stage (4WD)
Clutch Disk Diameter, in. (mm) wet clutch	8.46 (215)
Drawbar Tongue Weight Capacity, lb. (kg)	675 (306)
Axle Capacity (in operation)	---
Front, lb. (kg)	1343 (609)
Rear, lb. (kg)	1922 (872)
Creeper	No
Hydraulics	
Type	Open Center
Pump Rated Output, gpm (L/min.)	9.4 (36.4)
Steering	4.2 (15.9)
Implement	5.4 (20.5)
Pump Type	Single gear (Manual steering models); Dual gear (Power steering models)
Maximum Operating Pressure (PSI)	2050
Draft Control Type	Position control

Remote Control Valves Available	2
3-Point Hitch	
Type	Category I
Lift Capacity (24-in. behind link arms), lb. (kg)	815 (370)
Lift Capacity @ lift link ends, lb. (kg)	---
Power Take-Off (PTO)	
Standard	Rear @ 540
Optional	Mid @ 2100
Control	Continuous Live - Dual Stage Clutch
Clutch	---
Brake (for Mid and Rear PTO)	Wet disk
Fluid Capacities	
Fuel Tank, gal. (l)	6.3 (23.85)
Cooling system (includes coolant bottle), qt. (l)	25.3 (24)
Crankcase with filter, qt. (l)	4.3 (4.1)
Transmission and Hydraulic System, gal. (l) gear	16.3 (15.4)
Transmission and Hydraulic System, gal. (l) hydrostatic	---
Front Axle Gearcase (MFWD axle), gal. (l)	0.56(2.13)
Final Drive	
Type	Spur Gear
Engage On-the-Go Rear Differential Lock	Yes
Operator Station	
Rollover Protective Structure	OSHA, SAE, ASAE
Rigid - Foldable - Telescopic	Rigid
Platform - Flat/Straddle	Straddle
Gear Shift Location - Console/Floor	Floor/Trans. Housing
Cab	
Compliance	---
Visibility	---
Air Conditioning, Temperature Differential	---
Doors	---
Platform - Flat/Straddle	---
dB(A) Rating	---
Seat Suspension System	---
2WD Dimensions	
Wheelbase, in. (mm)	61 (1550)
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)	7 (2.1)
Turning Radius w/o Brakes, ft. (m)	8.3 (2.5)
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	1930 (875)
MFWD Dimensions	
Wheelbase, in. (mm)	61 (1550)
Front Tread Range, in. (mm)	---
Front Axle Clearance, in. (mm)	---
Turning Radius w/Brakes, ft. (m)	7 (2.1)
Turning Radius w/o Brakes, ft. (m)	8.7 (2.7)
Limited Slip Differential	---
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	2105 (955)
Standard Tires	
2WD	---
Front	5.00-15 6 PR (F2--Rib)
Rear	11.2-24 4 PR (R1-Bar)
MFWD	---
Front	7.00-14 6PR (R1-Bar)
Rear	11.2-24 4PR (R1-Bar)
Miscellaneous	
Underhood Muffler	Yes

Joystick SCV Control	Yes
Inboard Planetary	No
Axle Type	Flanged
Brakes - Type and Control	Dry Shoe

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.