

<b>MANUFACTURER</b>	<b>John Deere</b>
<b>MODEL</b>	<b>4105</b>
<b>Engine</b>	
Manufacturer	Yanmar 3TNV84T-KJT
Engine HP (kW) - gross	40.5 (29.8) per ISO 97/68/EC
PTO HP (kW) - Gear transmission	---
PTO HP (kW) - Hydrostatic transmission	32.5 (24.2) per SAE
Rated engine speed, rpm	2800
Type	Diesel
Operating range	1000 - 2975
Aspiration	Turbo
Cylinders/Displacement, cu. in. (liters)	3 / 91.5 (1.5)
Cylinder Liners	Cast-in-block
Bore and Stroke, mm (in.)	84x90 (3.3x3.54)
Compression Ratio	19:1
Lubrication	Pressurized
Cooling System	Water pump
Air Cleaner	Dry-type with safety element
Engine Shutoff	Key switch
Engine Torque @ rated speed, ft./lb. (N/m)	59.2 (80.3)
Fuel Tank Cap., US Gal. (L) (Open; Cab)	10.5 (39.7)
<b>Electrical</b>	
Type	12 volt
Battery Size (CCA)	500
Alternator (12 volt, amp)	40 amp
Starter Size, hp (kW)	1.9 (1.4)
<b>Fuel System</b>	
Type	Direct injection
Injection Pump Type	In-line with electric shutoff
U.S. gal./hr (L/hr) @ 100% load*	2.35 (8.9)
*Fuel consumption rate should be used for comparison purposes only.	---
<b>Transmission</b>	
Std. Transmission; Forward/Reverse	Hydro, 2-Range
Opt. Transmission; Forward/Reverse	---
Left-Hand Reverser	No
On-The-Go Shifting (Yes/No/Partial)	No
Direction Reverser; Forward/Reverse	Yes; Twin Touch Pedals
Final Drive	Spur gear
Brakes	Wet disk
Steering	Power steering
Clutch; Wet/Dry	---
Clutch Disk Diameter, in. (mm) wet clutch	---
Drawbar Tongue Weight Capacity, lb. (kg)	882 (400)
Axle Capacity (in operation)	---
Front, lb. (kg)	1587-3197 (720-1450)
Rear, lb. (kg)	4000 (1815)
Creeper	No
<b>Hydraulics</b>	
Type	Open Center
Pump Rated Output, gpm (L/min.)	14.8 (56.2)
Steering	5.7 (21.6)
Implement	9.2 (34.7)
Pump Type	Dual gear
Maximum Operating Pressure (PSI)	2500
Draft Control Type	Position control
Remote Control Valves Available	2
<b>3-Point Hitch</b>	
Type	Category 1
Lift Capacity (24-in. behind link arms), lb. (kg)	2200 (999)

Lift Capacity @ lift link ends, lb. (kg)	2530 (1149)
<b>Power Take-Off (PTO)</b>	
Standard	Rear @ 540
Optional	---
Control	Independent
Clutch	Wet disk
Brake (for Mid and Rear PTO)	N/A
<b>Fluid Capacities</b>	
Fuel Tank, gal. (l)	10.5 (39.7)
Cooling system (includes coolant bottle), qt. (l)	5.6 (5.3)
Crankcase with filter, qt. (l)	4.5 (4.3)
Transmission and Hydraulic System, gal. (l) gear	---
Transmission and Hydraulic System, gal. (l) hydrostatic	6.8 (25.7)
Front Axle Gearcase (MFWD axle), gal. (l)	1.2 (4.5)
<b>Final Drive</b>	
Type	Spur Gear
Engage On-the-Go Rear Differential Lock	Yes
<b>Operator Station</b>	
Rollover Protective Structure	ASAE S478
Rigid - Foldable - Telescopic	Rigid
Platform - Flat/Straddle	Semi-flat
Gear Shift Location - Console/Floor	Left Side
<b>Cab</b>	
Compliance	---
Visibility	---
Air Conditioning, Temperature Differential	---
Doors	---
Platform - Flat/Straddle	---
dB(A) Rating	---
Seat Suspension System	---
<b>2WD Dimensions</b>	
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	---
<b>MFWD Dimensions</b>	
Wheelbase, in. (mm)	68 (1727)
Front Tread Range, in. (mm)	51.2 (1300)
Front Axle Clearance, in. (mm)	14.7 (373)
Turning Radius w/Brakes, ft. (m)	---
Turning Radius w/o Brakes, ft. (m)	9.5 (2.89)
Limited Slip Differential	---
Unballasted Operating Weight, lb. (kg)	---
Approx. Ship Wgt, lb. (kg) Open; Cab	2987 (1355)
<b>Standard Tires</b>	
2WD	---
Front	---
Rear	---
MFWD	---
Front	10-16.5 R4 / 8-16 R1
Rear	17.5L-24 R4 / 14.9-24 R1
<b>Miscellaneous</b>	
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.