

New Holland T4000 Series Utility Tractor Specifications

T4020 T4030 T4040 T4050



MODEL ENGINE*

	T4020	T4030	T4040	T4050
Type	4-cycle, diesel	4-cycle, diesel	4-cycle, diesel	4-cycle, diesel
Make	New Holland	New Holland	New Holland	New Holland
Model	F5C	F5C	NEF	NEF
Cylinders / aspiration	4 / Turbocharged air to air intercooled			
Displacement, cu. in. (L)	195 (3.2)	195 (3.2)	274 (4.5)	274 (4.5)
Block type	Parent bore	Parent bore	Parent bore	Parent bore
Rated speed, RPM	2300	2300	2300	2300
Gross engine horsepower	64	76	84	95
PTO horsepower	50	62	70	80
Emission legislation	Tier III	Tier III	Tier III	Tier III

FUEL, AIR AND LUBRICATION SYSTEM

Injection pump	Bosch / rotary	Bosch / rotary	Bosch / rotary	Bosch / rotary
Fuel filter type	Dual stage fuel filtering system with water/sediment separator followed by a paper filter element cartridge			
Fuel tank capacity - standard, gal. (L)	Standard – 21.6 (82)	Standard – 21.6 (82)	Standard – 21.6 (82)	Standard – 21.6 (82)
– Deluxe, gal. (L)	Deluxe – 19.8 (75)	Deluxe – 19.8 (75)	Deluxe – 23.2 (88)	Deluxe – 23.2 (88)
– SuperSteer™, gal. (L)	N/A	19.8 (75)	N/A	23.2 (88)
Air filter type	Dry / dual element	Dry / dual element	Dry / dual element	Dry / dual element
Oil and filter services***	600 hours	600 hours	600 hours	600 hours
Muffler	Under hood	Under hood	Under hood	Under hood
Exhaust outlet, ROPS	Right side of hood	Right side of hood	Right side of hood	Right side of hood
Exhaust outlet, cab	Right side A-pillar	Right side A-pillar	Right side A-pillar	Right side A-pillar

ELECTRICAL

Battery, volts	12	12	12	12
Battery, cca	730	730	800	800
Alternator, amps	85	85	120	120
Cold start aid	Grid heater	Grid heater	Grid heater	Grid heater

TRANSMISSION

Choice of transmissions	16F x 16R Synchro Command transmission with your choice of mechanical shuttle or clutchless power shuttle (all models)			
Clutch type / size (mechanical), in. (mm)	Dry / 11 (280) diameter, heavy-duty cerametallic material			
Clutch type / size (electrohydraulic), in. (mm)	Wet / six plates 5.2 (133), organic material			
Gears: 2 – 8 mph working range**	12 x 12 – 7 gears 16 x 16 – 9 gears			
Gears: <1 mph**	12 x 12 – 0 gears 16 x 16 – 3 gears			
Maximum speed**, mph (kph)	12 x 12 – 18.73 (30.14) 16 x 16 – 18.73 (30.14) or 23.5 (37.8)			

PTO

Type	Fully independent	Fully independent	Fully independent	Fully independent
Base equipment PTO speed, RPM	540	540	540	540
Optional PTO speed, RPM	N/A	N/A	540/1000	540/1000
Operator control	T4000 Standard – mechanical			
	T4000 Deluxe / Deluxe Supersteer™ – Servo-assist			
PTO clutch	Dry, mechanical, 11-in. dry, organic plate			
Engine speed	2196 engine rpm at 540 PTO rpm			

3-POINT HITCH

Category	II / I	II / I	II / I	II / I
Draft sensing	Mechanical, lower link sensing			
Std. ASAE lift capacity @ 24 in., lbs. (kg)	3962 (1800)	3962 (1800)	3962 (1800)	3962 (1800)
Link arms	Flexible	Flexible	Flexible	Flexible
Stabilizers	Telescoping	Telescoping	Telescoping	Telescoping
Upper / lower limit setting	Lift-O-Matic	Lift-O-Matic	Lift-O-Matic	Lift-O-Matic

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HYDRAULICS				
System type	Open center	Open center	Open center	Open center
System pressure, psi (bar)	2755 (190)	2755 (190)	2755 (190)	2755 (190)
Implement pump flow (base), gpm (L/min.)	T4000 Standard – 12.8 (48.6)		16.1 (61)	
	T4000 Deluxe – 16.1 (61)			
Implement pump flow (optional), gpm (L/min.)	T4000 Standard – 16.1 (61)		N/A	N/A
Steering & services pump, gpm (L/min.)	with mechanical shuttle – 7.4 (28)		9.4 (35.6)	
	with power shuttle – 9.4 (35.6)			
Remotes - base / optional	Standard – 1 / 2, 3 (4 & 5 with loader valve)			
	Deluxe / SuperSteer 1 / 2, 3, 4 (5 with loader valve)			
REAR AXLE				
Type	Flange	Flange	Flange	Flange
Diff lock engagement	Mechanical	Mechanical	Mechanical	Mechanical
Track adjustment, in. (mm)	49.6 – 76.1 (1260 – 1932)	49.6 – 76.1 (1260 – 1932)	49.6 – 76.1 (1260 – 1932)	49.6 – 76.1 (1260 – 1932)
Dimension across flange, in. (mm)	61.5 (1562)	61.5 (1562)	61.5 (1562)	61.5 (1562)
Axle capacity, lbs. (kg)	8157 (3700)	8157 (3700)	8157 (3700)	8157 (3700)
FRONT AXLE				
2WD				
Track adjustment, in. (mm)	53.7 – 79.9 (1365 – 2031)	53.7 – 79.9 (1365 – 2031)	53.7 – 79.9 (1365 – 2031)	53.7 – 79.9 (1365 – 2031)
Axle capacity (restricted), lbs. (kg)	6613 (3000)	6613 (3000)	6613 (3000)	6613 (3000)
Axle capacity, lbs. (kg)	4630 (2100)	4630 (2100)	4630 (2100)	4630 (2100)
Maximum steering angle, degrees	55	55	55	55
Oscillation, degrees	11	11	11	11
FWD				
FWD engagement – T4000 Standard	Mechanical	Mechanical	Mechanical	Mechanical
FWD engagement – T4000 Deluxe	w/mechanical shuttle – mechanical engagement			
	w/power shuttle – electrohydraulic engagement		Electrohydraulic	
SuperSteer front axle	N/A	Auto FWD management	N/A	Auto FWD management
Track adjustment, in. (mm)	60.8 – 76.6 (1545 – 1945)			
Diff lock engagement	T4000 Standard – limited slip			
	T4000 Deluxe – electrohydraulic differential lock			
Axle capacity (restricted), lbs. (kg)	7937 (3600)	7937 (3600)	7937 (3600)	7937 (3600)
Axle capacity, lbs. (kg)	5511 (2500)	5511 (2500)	5511 (2500)	5511 (2500)
Maximum steering angle – FWD, degrees	55	55	55	55
Maximum steering angle – SuperSteer, degrees	N/A	76	N/A	76
Oscillation, degrees	11	11	11	11
DIMENSIONS				
Operator's station	T4000 Series Standard – open station			
	T4000 Series Deluxe – cab			
	T4000 Series Supersteer - open station / cab (T4030 & T4050 only)			
Platform type, cab / ROPS	ISO mounted, straddle platform			
Wheelbase (2WD), in. (mm)	Standard – 83.3 (2115)		Standard – 86.7 (2202)	
	Deluxe – 85.6 (2175)		Deluxe – 89.0 (2262)	
Wheelbase (FWD), in. (mm)	Standard – 80.2 (2038)		Standard – 83.7 (2125)	
	Deluxe – 82.6 (2098)		Deluxe – 86.0 (2185)	
Wheelbase (Supersteer), in. (mm)	N/A	94.8 (2408)	N/A	98.2 (2495)
Overall length - standard, in. (mm)	135.2 (3433)	135.2 (3433)	138.6 (3520)	138.6 (3520)
– Deluxe, in. (mm)	137.5 (3493)	137.5 (3493)	140.9 (3580)	140.9 (3580)
– Supersteer, in. (mm)	N/A	137.5 (3493)	N/A	140.9 (3580)
ROPS height (folded)** , in. (mm)	77.8 (1976)	77.8 (1976)	77.8 (1976)	77.8 (1976)
Cab height** , in. (mm)	91.4 (2322)	91.4 (2322)	91.4 (2322)	91.4 (2322)

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APPROXIMATE SHIPPING WEIGHT				
Less Cab (ROPS)				
– 2WD, lbs. (kg)	5776 (2620)	5776 (2620)	5953 (2700)	N/A
– FWD, lbs. (kg)	6327 (2870)	6327 (2870)	6503 (2950)	6614 (3000)
Cab				
– 2WD, lbs. (kg)	6217 (2820)	6217 (2820)	6393 (2900)	N/A
– FWD, lbs. (kg)	6768 (3070)	6768 (3070)	6944 (3150)	7055 (3200)

*Manufacturer's estimate, **with 16.9x30 rear tires, *** affected by sulfur content of the fuel

TIRE OPTIONS

R1 "General Farming" – great for a wide variety of agricultural applications.

R3 "All Weather" – great for highway mowing, parks, orchards and light industrial applications.

R4 "Industrial" – great for light industrial applications, rental yards, contractors and municipalities.

Galaxy "Turf Special" – great for golf courses and stadium grounds maintenance.

*Approximate weights for base tractor with full fuel tank; 16.9 x 28R1 rear tires and 9.5L x 15 (2WD) or 12.4R20 (FWD) front tires; mechanical shuttle transmission; without front weights or rear wheel weights; or rear wheel weights; single rear remote valve

OPTIONAL EQUIPMENT

- Second rear remote valve (lever controlled)
- Third rear remote valve (lever controlled)
- Fourth rear remote valve (lever controlled — available on T4000 Deluxe and Deluxe SuperSteer)
- Mid-mount valve with joystick control
- Back-up alarm wiring kit
- Horn
- Front weight bracket kit
- Rear wheel weights
- 88 lb. front weights
- 540/1000 rpm PTO (T4040/T4050 only)
- Grill guard
- Fixed external mirrors (cab only)
- Telescoping external mirrors (cab only)
- Horizontal exhaust kit
- Blue fiberglass canopy
- White fiberglass canopy
- Steel FOPS canopy
- Front fenders for FWD front axle
- Air ride seat (cab only)
- Seat armrests
- Rotary beacon (cab only)
- Engine block heater
- Offset drawbar for Galaxy turf
- Drawbar clevis
- Low profile 2WD front axle
- Carbon filters
- Full width coverage fenders extension (Deluxe SuperSteer only)
- Rear window wiper and washer

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.