

# 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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MODEL	T4020	T4030	T4040	T4050
<b>HYDRAULICS</b>				
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	
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) .....			
<b>REAR AXLE</b>				
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)
<b>FRONT AXLE</b>				
<b>2WD</b>				
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
<b>FWD</b>				
FWD engagement – T4000 Standard	Mechanical	Mechanical	Mechanical	Mechanical
FWD engagement – T4000 Deluxe	.....w/mechanical shuttle – mechanical engagement .....		.....w/power shuttle – electrohydraulic engagement .....	
	.....T4000 Standard – limited slip .....		.....T4000 Deluxe – electrohydraulic differential lock .....	
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
<b>DIMENSIONS</b>				
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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MODEL	T4020	T4030	T4040	T4050
<b>APPROXIMATE SHIPPING WEIGHT</b>				
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.

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