

New Holland T5000 Series Tractor Specifications



T5040 T5050 T5060 T5070

	T5040	T5050	T5060	T5070
ENGINE*				
Type	New Holland 4-cycle diesel, parent-bore block			
Cylinders/Aspiration	4 / Turbocharged and intercooled			
Displacement, cu. in. (L)	274 (4.5)	274 (4.5)	274 (4.5)	274 (4.5)
Rated speed, rpm	2300	2300	2300	2300
Gross engine hp (kW)	85 (63.4)	95 (70.9)	105 (78.3)	115 (85.7)
PTO hp (kW)	70 (52.2)	80 (59.7)	90 (67.1)	96 (71.6)
Torque rise	43%	39%	47%	30%
Air cleaner	Dry type, dual element			
Fan	10-blade fixed, 18.9-in. (480 mm) diameter			
Emission legislation	Tier III	Tier III	Tier III	Tier III
Fuel tank capacity, gal. (L)	33.5 (127)	33.5 (127)	33.5 (127)	33.5 (127)
ELECTRICAL				
System voltage, volts	12	12	12	12
Battery, cca	960	960	960	960
Alternator, amps	120	120	120	120
Cold start aid	Grid heater			
TRANSMISSION				
Standard configuration: Base	12x12 with a mechanical shuttle		12x12 power shuttle	
Option 1	12x12 with a power shuttle		—	
Option 2	20x12 Creeper with a mechanical shuttle		—	
Deluxe configuration	24x24 with a Dual Command™ electrohydraulic power shuttle			
Clutch type / size (mechanical)	Dry / 12-inch (305 mm) diameter, heavy-duty cerametallic material			
Clutch type / size (electrohydraulic)	Wet / six plates 5.2 in. (133 mm), organic material			
Gears: 2–9 mph working range**	12x12 Transmission: 7 gears; 24x24 Transmission: 14 gears			
Gears: <1 mph**	20x12 Creeper: 7 gears			
Maximum speed**, mph (kph)	Standard Tractor: 19 (30); Deluxe Tractor: 25 (40)			
PTO				
Type	Fully independent			
Base speed	540 rpm	540/1000 rpm with interchangeable shaft		
Operator control, Standard configuration	Mechanical engagement, optional: Electrohydraulic engagement			
Operator control, Deluxe configuration	Electro-hydraulic engagement			
Engine speed	2199 engine rpm at 540 PTO rpm; 2261 engine rpm at 1000 PTO rpm			
Shaft size	540 rpm: 1-3/8, 6 spline / 1000 rpm: 1-3/8, 21 spline			
3-POINT HITCH				
Category	II	II	II	II
Draft sensing	Mechanical, lower link sensing			
Base ASAE lift capacity @ 24 in., lbs. (kg)	5745 (2605)	5745 (2605)	5745 (2605)	5745 (2605)
Optional ASAE lift capacity @ 24 in., lbs. (kg)	6805 (3086)	6805 (3086)	6805 (3086)	6805 (3086)
Base equipment	Flexible link arms, telescoping stabilizers, Lift-O-Matic™ upper/lower limit setting			
HYDRAULICS				
System type	Open center	Open center	Open center	Open center
System pressure, psi (bar)	2871 (198)	2871 (198)	2871 (198)	2871 (198)
Implement pump flow, gpm (L/min.)	16.1 (61)	16.1 (61)	16.1 (61)	16.1 (61)
Steering & services pump, gpm (L/min.)	10.4 (39.5)	10.4 (39.5)	10.4 (39.5)	10.4 (39.5)
Hydraulic flow @ mid-mount valve gpm (L/min.)	maximum 21.0 (79.5)			
Remote valves, Standard configuration	Open center			
Remote valves, Deluxe configuration	Closed center with flow control (one less flow control than number of remotes)			
Remotes — Base / optional	2 / 3 (4 & 5 w/ loader valve)			

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REAR AXLE				
Type	Flange	Flange	Flange	Flange
Diff lock engagement – Rear	2WD Standard – Mechanical			
	FWD Standard, 2WD & FWD Deluxe - Electrohydraulic			
Track adjustment, in. (mm)	64.1–83.8 (1628–2128)			
Dimension across flange, in. (mm)	69.7 (1770)	69.7 (1770)	69.7 (1770)	69.7 (1770)
Axle capacity, lbs. (kg)	10,141 (4600)	10,141 (4600)	10,141 (4600)	10,141 (4600)
FRONT AXLE				
2WD				
Track adjustment, in. (mm)	58.8–82.4 (1494–2094)			
Axle capacity (restricted), lbs. (kg)	7716 (3500)	7716 (3500)	7716 (3500)	7716 (3500)
Maximum steering angle	55°	55°	55°	55°
Oscillation	12°	12°	12°	12°
FWD				
FWD engagement	Electrohydraulic			
Differential lock – Standard configuration	Limited slip			
Differential lock – Deluxe configuration	Electrohydraulically engaged full locking differential			
Track adjustment, in. (mm)	68.9–84.7 (1751–2151)			
Axle capacity (restricted), lbs. (kg)	9920 (4500)	9920 (4500)	9920 (4500)	9920 (4500)
Maximum steering angle – FWD	60°	60°	60°	60°
Oscillation	11°	11°	11°	11°
DIMENSIONS				
Platform type	Flat deck platform			
Turning radius				
(FWD disengaged, w/o brakes), in. (mm)	159 (4050)	159 (4050)	159 (4050)	159 (4050)
Turn-around diameter (w/o brakes), in. (mm)	248 (6300)	248 (6300)	248 (6300)	248 (6300)
Wheelbase – 2WD, in. (mm)	92.2 (2342)	92.2 (2342)	92.2 (2342)	92.2 (2342)
Wheelbase – FWD, in. (mm)	92.5 (2350)	92.5 (2350)	92.5 (2350)	92.5 (2350)
Overall length – 2WD, in. (mm)	160.8 (4085)	160.8 (4085)	160.8 (4085)	160.8 (4085)
Overall length – FWD, in. (mm)	162.2 (4120)	162.2 (4120)	162.2 (4120)	162.2 (4120)
ROPS height**, in. (mm)	108.9 (2766)	108.9 (2766)	108.9 (2766)	108.9 (2766)
Cab height**, in. (mm)	100.8 (2560)	100.8 (2560)	100.8 (2560)	100.8 (2560)

*Manufacturer's estimate

**With 18.4 x 30 rear tires

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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.