

New Holland TT-A Series Tractor Specifications



TT45A TT50A TT60A TT75A

MODEL ENGINE†	TT45A	TT50A	TT60A	TT75A
Type	4-cycle, diesel			
Number of cylinders / Aspiration	4 / NA	4 / NA	3 / NA	4 / NA
Displacement, cu. in. (L)	121.7 (2.0)	135.2 (2.2)	179 (2.9)	238 (3.9)
Gross engine horsepower, HP (kW)	40 (28.8)	48 (35.8)	56 (41.7)	75 (56)
PTO horsepower, HP (kW)	35 (26.1)	42 (31.3)	47 (35)	62 (46.3)
Rated speed (RPM)	2,600	2,800	2,500	
Fuel type	B5 Biodiesel (meeting ASTM 6751 standards) and/or standard diesel fuels		B20 Biodiesel (meeting ASTM 6751 standards) and/or standard diesel fuels	
Air filter	Dual element, dry type with cleanable outer element and replaceable inner safety element			
Lubrication	Full flow, pressure lubrication with vertical mount spin-on filter cartridge			
Oil & filter change interval	100 hours		300 hours	
Starting aid	Thermostat			
Throttle	Hand and/or foot controlled			
Exhaust	Under hood muffler w/ horizontal exhaust pipe			
Emissionization standard	Tier-II			
Fuel tank capacity, gal. (L)	13.4 (51)		16.4 (62)	

TRANSMISSION

Base on Standard tractor	8F x 2R with 4 constant mesh gears and 2 constant mesh ranges	8F x 2R with 4 (2 synchronized) gears and 2 constant mesh ranges
Traction clutch, in. (mm)	Dry, 11 (279.4) diameter organic plate	
Ground speed*, mph (k/hr)	Forward - 1.9 to 19.0 (3 to 30.5), Reverse - 2.6 to 9.5 (4.1 to 15.3)	
Final drive / rear axle	Outboard bull gear / Flange axle	
Rear differential lock	Mechanical foot pedal engagement	
Service brakes	Individual mechanically actuated wet disc	
Parking brake	Engage hand-lever, press brakes to engage brakes	

HYDRAULICS

System type	Open center, fixed displacement gear pump	
System pressure, psi (bar)	2,538 (175)	2,755 (190)
Implement pump capacity, gpm (L/min)	9.8 (37)	10.8 (40.5)
Steering & services system, gpm (L/min)	Hydrostatic power steering w/dedicated gear pump - 7.4 (28)	Hydrostatic power steering w/dedicated gear pump - 8.5 (32)
Total maximum tractor flow, gpm (L/min)	17.2 (65)	19.3 (72.5)
Remote valves - standard	None	
Remote valves - optional	1 to 2 open center, rear mounted, lever controlled 2 valve open center loader control valve, joystick controlled	

3-POINT HITCH

Rear	Standard	
Category	II, convertible to I with interchangeable balls	
Position control / draft sensing	One lever position control / No draft control	One lever position control / Optional draft control, top link sensing
Lower link ends	Fixed	
Stabilizers	Check Chains	
Lift capacity (OECD @ ball ends), lbs. (kg)	2,550 (1160)	2,930 (1332) 3,410 (1546)

PTO

Rear	Standard, w/ flip-up PTO shaft guard	
Clutch type	Independent, 11-in. organic plate, dry	
Engagement	One lever, mechanical engagement	
Speed	540 RPM	
Engine speed with PTO at 540 RPM	2,555	1,967

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FRONT AXLE				
2WD				
Track adjustment, in. (mm)	50.3 (1277) to 70.6 (1793)	52.2 (1326) to 68.7 (1744)	56.4 (1432) to 74 (1879)	
Maximum turn angle	55 degrees		55 degrees	
Maximum axle oscillation	11 degrees		11 degrees	
Steering cylinder & linkage	Contained behind main axle beam			
FWD				
Track adjustment, in. (mm)	NA	NA	57.6 (1462) to 78.1 (1984)	59.6 (1515) to 79.6 (2022)
Maximum wheel turn angle	NA	NA	55 degrees	
Maximum axle oscillation	NA	NA	11 degrees	
Steering cylinder & linkage	NA	NA	Contained in main axle beam	
Front differential lock	NA	NA	Limited slip	
FWD clutch engagement	NA	NA	Mechanical lever	
ELECTRICAL				
Alternator	12 Volt, 40 Amp		12 Volt, 45 Amp	
Battery capacity (cold cranking amps)	600		800	
Lighting	2 hi/lo beam halogen headlights, flashing safety lights / turn signals			
Accessory power outlets	Standard equipment, 7-pin implement outlet			
Fuses	Automotive blade type			
APPROXIMATE SHIPPING WEIGHT				
ROPS - 2WD, lbs. (kg)	3,600 (1633)	3,738 (1695)	4,540 (2049)	4,740 (2150)
ROPS - FWD, lbs. (kg)	NA		4,989 (2263)	5,189 (2354)

†Manufacturer's estimate

*TT75A w/16.9x30 tires

NA - Not Applicable

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Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



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.