

New Holland TDD Series Tractor Specifications



TD80D TD95D

MODEL ENGINE	TD80D	TD95D
Type	4-cycle, diesel, naturally aspirated	4-cycle, diesel, turbo-charged
Number of cylinders	4	4
Displacement, cu. in. (L)	238 (3.9)	
Gross engine horsepower, hp (kW)	72 (53)	90 (67)
PTO horsepower, hp (kW)	62 (46.2)	80 (59.7)
Rated speed, RPM	2500	
Maximum torque	274 ft.-lbs. @ 1500 RPM	346 ft.-lbs. @ 1500 RPM
Torque rise	28%	37%
Fuel type	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	300 hours	
Starting aid	Thermostart	
Throttle	Hand and/or foot controlled	
Exhaust	Under hood muffler w/ vertical exhaust pipe, optional under-slung horizontal exhaust	
Emissionization standard	Tier-II	
Fuel tank capacity, gal. (L)	23.8 (90.1)	

TRANSMISSION

Base on Standard tractor	12Fx12R with synchronized mechanical shuttle (4 synchronized speeds in 3 constant mesh ranges, dedicated left hand shuttle)	
Optional transmission	20Fx12R creeper with synchronized mechanical shuttle (4 synchronized speeds in 3 non-synchronized ranges, creeper operates in lower 2 ranges)	
Traction clutch, in. (mm)	Dry 11 (279.4) diameter heavy duty	Dry 12 (304.8) diameter heavy duty organic plate cerametallic plate
Ground speed*, mph (kph)	Base transmission: Forward - 1.05 to 17.3 (1.69 to 27.8), Reverse - 1.02 to 16.9 (1.64 to 27.2) Optional creeper transmission: Additional 8 Forward speeds between 0.2 - 1.9 (.322 - 3.06)	
Rear axle, in. (cm)	59 - 79 (150 - 201) track adjustment	
Rear differential lock	Mechanical foot pedal engagement	
Service brakes	Hydraulically assisted wet disc, self-adjusting and equalizing	
Parking brake	Hand-lever engagement, locks service brakes	

HYDRAULICS

System type	Open center, fixed displacement gear pump	
System pressure, psi (bar)	2,755 (190)	
Implement pump capacity, gpm (l/m)	13.6 (51.5)	
Steering & services system, gpm (l/m)	Hydrostatic power steering w/dedicated gear pump - 8.1 (30.1)	
Total maximum tractor flow, gpm (l/m)	21.7 (82.1)	
Remote valves - standard	1 open center, rear mounted, color coded lever controls with quick coupler dust covers	
Remote valves - optional	Up to 3 open center, rear mounted, color coded lever controls with quick coupler dust covers 2 valve open center loader control valve, joystick controlled (needed for loader operations)	

3-POINT HITCH

Rear	Standard	
Category	II	
Position control / draft sensing	Two levers w/ ability to blend draft and position control / mechanical, lower link sensing w/ hydraulic position control	
Lower link ends	Flexible	
Stabilizers	Telescopic	
ASAE lift capacity @ 24 in., lbs. (kg)	5,025 (2280)	
Fast raise / lower control	Standard equipment, mechanical push button with finger-tip operation	
Upper limit regulation	Standard equipment, adjustable mechanical stop limit on hitch upper lift arm	

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MODEL	TD80D	TD95D
PTO		
Rear	Standard, w/ flip-up PTO shaft guard	
Clutch type	Independent, dry, organic plate	
Clutch diameter, in. (mm)	11 (279.4)	12 (304.8)
Engagement	Single lever, mechanical engagement	
Speed, RPM	540	540 (540/1000 optional)

FRONT AXLE

2WD, track adjustment, in. (cm)	Heavy duty, adjustable, 55 - 75 (139.7 - 190.5)	
Maximum turn angle, degrees	55	
FWD, track adjustment, in. (cm)	Center differential with planetary final drives in wheel hubs, 61 - 78 (154.9 - 198.1)	
Maximum wheel turn angle, degrees (FWD)	50	
Front differential lock	Limited slip	
FWD clutch engagement	Mechanical lever engagement	

ELECTRICAL

Alternator	12 volt, 65 amp	
Battery capacity (cold cranking amps)	800	
Lighting	2 hi/lo beam headlights, 1 rear worklight, brake lights, flashing safety lights/turn signals (cab has 2 additional front worklights and 1 additional rear worklight)	
Accessory power outlets	Standard equipment, 7-pin implement outlet, 4-pin (25 Amp) outlet, 1-pin (8 Amp) outlet	
Fuses	Automotive blade type	

APPROXIMATE SHIPPING WEIGHT

ROPS - 2WD / FWD, lb. (kg)	5,702 / 6,254 (2586 / 2837)	6,107 / 6,659 (2770 / 3021)
CAB - 2WD / FWD, lb. (kg)	6,363 / 6,915 (2886 / 3137)	6,768 / 7,320 (3070 / 3320)

APPROXIMATE DIMENSIONS

Height to Top of ROPS, in. (mm)	101.1 (2568)*	101.1 (2568)*
Height to Top of Cab, in. (mm)	103.1 (2619)*	103.1 (2619)*

WHEELBASE

2WD, in. (mm)	91 (2311)	94 (2387)
FWD, in. (mm)	87 (2209)	92 (2336)

†Manufacturer's estimate *measured with 16.9x30 rear tires

New Holland TDD Series Tractor Specifications



TD95D High-Clearance Tractor

MODEL ENGINE†	TD95D High-Clearance	MODEL 3-POINT HITCH	TD95D High-Clearance
Type	4-cycle, diesel, turbo-charged	Rear	Standard
Number of cylinders	4	Category	II
Displacement, cu. in. (L)	238 (3.9)	Position control / draft sensing	Two levers w/ ability to blend draft and position control / mechanical, lower link sensing w/ hydraulic position control
Gross engine horsepower, hp (kW)	90 (67)	Lower link ends	Flexible
PTO horsepower, hp (kW)	80 (59.7)	Stabilizers	Telescopic
Rated speed, RPM	2500	ASAE lift capacity @ 24 in., lbs. (kg)	5,025 (2280)
Maximum torque	346 ft.-lbs. @ 1500 RPM	Fast raise / lower control	Standard equipment, mechanical push button with finger-tip operation
Torque rise	37%	Upper limit regulation	Standard equipment, adjustable mechanical stop limit on hitch rockshaft
Fuel type	B20 Biodiesel (meeting ASTM 6751 standards) and/or standard diesel fuels	PTO	
Air filter	Dual element, dry type with cleanable outer element and replaceable inner safety element	Rear	Standard, w/ flip-up PTO shaft guard
Lubrication	Full flow, pressure lubrication with vertical mount spin-on filter cartridge	Clutch type	Independent, dry, organic plate
Oil & filter change interval	300 hours	Clutch diameter, in. (mm)	12 (304.8)
Starting aid	Thermostart	Engagement	Two lever, mechanical engagement
Throttle	Hand and/or foot controlled	Speed, RPM	540 (540/1000 optional)
Exhaust	Under hood muffler w/ vertical exhaust pipe, optional under-slung horizontal exhaust	ELECTRICAL	
Emissionization standard	Tier-II	Alternator	12 volt, 65 amp
Fuel tank capacity, gal. (L)	26.6 (100.7)	Battery capacity (cold cranking amps)	800
TRANSMISSION		Lighting	2 hi/lo beam headlights, 1 rear worklight, brake lights, flashing safety lights/turn signals (cab has 2 additional front worklights and 1 additional rear worklight)
Standard transmission	20Fx12R creeper with synchronized mechanical shuttle (4 synchronized speeds in 3 non-synchronized ranges, creeper operates in lower 2 ranges)	Accessory power outlets	Standard equipment, 7-pin implement outlet, 4-pin (25 Amp) outlet, 1-pin (8 Amp) outlet
Traction clutch, in. (mm)	Dry 12 (304.8) diameter heavy duty cerametallic plate	Fuses	Automotive blade type
Ground speed*, mph (kph)	Optional creeper transmission: Additional 8 Forward speeds between 0.2 - 1.9 (.322 - 3.06)	APPROXIMATE SHIPPING WEIGHT	
Final drive / rear axle, in. (cm)	Outboard planetary 59 - 79 (150 - 201) track adjustment; up to 99 (251) w/optional axle spaces	ROPS - 2WD / FWD, lbs.(kg)	7,888 / 8,818 (3578 / 4000)
Rear differential lock	Mechanical foot pedal engagement	APPROXIMATE DIMENSIONS	
Service brakes	Individual hydraulic wet disc, self-adjusting and equalizing	Height to Top of ROPS, in. (mm)	113.9 (2890)*
Parking brake	Hand-lever engagement, locks service brakes	WHEELBASE	
HYDRAULICS		2WD, in. (mm)	94 (2387)
System type	Open center, fixed displacement gear pump	FWD, in. (mm)	92 (2336)
System pressure, psi (bar)	2,755 (190)	TRACK WIDTH	
Implement pump capacity, gpm (l/m)	13.6 (51.5)	Rear without Spacers, in. (mm)	59.2 (1503)
Steering & services system, gpm (l/m)	Hydrostatic power steering w/dedicated gear pump - 8.1 (30.1)	Rear with Spacers, in. (mm)	79.2 (2011)
Total maximum tractor flow, gpm (l/m)	21.7 (82.1)	Front 2WD, in. (mm)	69.1 (1755)
Remote valves - standard	1 open center, rear mounted, color coded lever controls with quick coupler dust covers	Front 4WD, in. (mm)	60.6 (1540)
Remote valves - optional	Up to 3 open center, rear mounted, color coded lever controls with quick coupler dust covers		

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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.