

NEW HOLLAND TDD SERIES TRACTORS

72 and 90 Horsepower | TD80D | TD95D



LEAN & MEAN
JUST WHAT YOU NEED.



INNOVATION WITH ITS SLEEVES ROLLED UP

NEW LEAN & MEAN TDD SERIES TRACTORS COMBINE TOP PERFORMANCE WITH TOP VALUE.



Flat deck or all-weather cab

Who says value and comfort are mutually exclusive? TDD tractors are designed to keep you comfortable and productive on the job all day, every day. TDD Series tractors offer the option of a factory-installed cab – something you won't find on most other tractors in this price range. Air conditioning and heater are standard on cab models for personalized temperature control. Even if you don't spring for the cab, the roomy, flat-deck operator area provides lots of legroom and a comfortable vantage point with its impressive visibility over the sloped hood. The platform's isolation mounting, deluxe rubber floor mat and plexi-glass mud guard (less cab models) limit the noise and vibration you feel when traveling over rough ground. Standard TDD features also include: a deluxe suspension seat with high back and armrests, tilt steering wheel and toolbox.

Your wish list has met its match with the NEW Lean & Mean TDD Series tractors from New Holland. This new breed of tractors offers rugged construction, reliable performance and user-friendly features – all at a price that's budget-friendly, too.

Fast, smooth shuttling

Unlike the other economy tractors you'll find on the market, TDD Series tractors come standard with a true synchronized 12 x 12 shuttle shift transmission for quick changes between forward and reverse to make loader work easy.



12 gears in forward and reverse

After you select one of the three ranges, you get four synchronized, shift-on-the-go gears within each range. Six of the 12 gears fall in the critical 2 to 8 mph working range. That gives you more speed choices than you'll find on other value-priced tractors of this size.

20x12 creeper available

For low-speed applications, choose the factory-installed creeper transmission. It provides two additional ranges of creep gears for a total of 20 forward and 12 reverse speeds.



Models	Engine HP	PTO HP	Displacement cu. in. (L)	Cylinders	Transmission
TD80D	72	62	238 (3.9)	4	12F x 12R w/synchronized shuttle 20F x 12 R creeper optional
TD95D	90	80	238 (3.9) Turbo	4	12F x 12R w/synchronized shuttle 20F x 12 R creeper optional



Opposite: Control your environment from the comfort of the TDD factory-installed cab. Front wiper, dual external mirrors and two additional work lights are standard cab equipment.

Left: Without the typical hump in the floor, the spacious, flat operator platform makes it easy to enter the tractor from either side and gives you lots of legroom.

The dedicated, synchronized mechanical forward-reverse shuttle shift lever is conveniently located on the left side of the seat, so your right hand is always free to run the loader or other implement.

OUT-PERFORMS OTHER VALUE TRACTORS

TDD TRACTORS OUT-SPEC OTHERS ON THE MARKET TO MAKE YOU MORE PRODUCTIVE.



B20 biodiesel approved! New Holland approves the use of B20 biodiesel (meeting ASTM 6751 standards) on TDD Series tractors, giving you the perfect opportunity to increase demand for farm crops, reduce emissions and reduce foreign oil imports.

TDD Series tractors are built tough to handle the rigors of farming. From mowing to loading to tilling to baling, New Holland Lean & Mean TDD Series tractors give you exactly what you need to get the job done.

Proven engine reliability

TDD tractors are equipped with a reliable friend under the hood—the proven 238-cubic-inch, four-cylinder diesel with a history of solid performance. These engines respond to heavy loads and tough conditions with 28% torque rise for the TD80D and a whopping 38% torque rise on the TD95D.



The single-piece TDD hood flips open easily for unrestricted, hassle-free access to engine service points. No side panels to remove.



Impressive hydraulic flow

TDD tractors boast outstanding hydraulic performance numbers as well with a dedicated, high-capacity 13.6-gpm implement pump to provide power to the three-point hitch, optional loader and up to three rear remotes. A separate 8.1-gpm steering pump means you have plenty of hydraulic flow for steering without ever compromising implement performance. Rear remotes and the hydraulic levers beside your seat are color coded to make operation and implement hookup easy.

High-capacity hitch

You can handle large three-point-mounted implements with ease thanks to the 5,025 pounds of three-point lift capacity. And, this Category II three-point hitch also offers a standard Lift-O-Matic™ fingertip quick-raise control for fast turns at the end of the row.

Servicing ease

TDD tractors save you time and money with low fuel consumption and long service intervals. When it is time to add oil or change a filter, it's easy to reach everything you need by simply raising the automotive-style, one-piece, flip-up hood.



Left: Flexible link ends and telescopic stabilizers are standard equipment for easier three-point implement hookup.

Fuel fill-ups are kept to a minimum with the large 23.8-gallon fuel tank. The side-mounted fuel tank is located under the operator platform where it doesn't block visibility and provides access for easy fueling from ground level.

THE ULTIMATE LOADER PACKAGE

810TL/820TL LOADERS AND EASY-SHUTTLING TDD TRACTORS ARE THE PERFECT MATCH



TDD Series tractors are outfitted for loader work with excellent visibility, high-capacity hydraulics and 12x12 shuttle shift transmission. All you need to complete the package is a high-performance 810TL/820TL loader. These loaders are designed to fit TDD tractors perfectly. A simple joystick control makes operation easy. Add the optional mechanical self leveling system to eliminate spills and increase the speed of your loader chores.

Loader Model	810TL	810TL	820TL	820TL
Tractors	2WD TDD Models		FWD TDD Models	
	Non Self Leveling	Mechanical Self Leveling	Non Self Leveling	Mechanical Self Leveling
Lift capacity at max. height @ 800 mm, lb. (kg)	2,100 (952)	2,500 (1134)	2,500 (1134)	2,650 (1202)
Lift capacity at 59 in. high @ 800 mm, lb. (kg)	2,400	2,950	2,850 (1293)	3,100 (1406)
Breakout force @ 800 mm, lb. (kg)	2,650 (1202)	3,200 (1441)	3,100 (1406)	3,300 (1497)
Maximum lift height, in. (mm)	.....125 (3175).....	.....	.....136 (3454).....	.....
Maximum lift height under level bucket, in. (mm)	.....113 (2870).....	.....	.....124 (3150).....	.....
Clearance w/bucket dumped, in. (mm)	.....87 (2210).....	.....	.....98 (2489).....	.....
Reach at max. lift height, in. (mm)	.....43 (1092).....	.....	.....36 (914).....	.....
Maximum dump angle, degrees	67	65	58	57
Reach at ground line, in. (mm)	.....86 (2184).....	.....	.....88 (2235).....	.....
Bucket rollback angle, degrees	.....41.....	.....	.....45.....	.....
Digging depth, in. (mm)	.....8 (203).....	.....	.....5 (127).....	.....
Approximate weight, lb. (kg) (loader w/o bucket)	960 (435)	1115 (505)	990 (449)	1,150 (522)



NEW HOLLAND TD80D AND TD95D TRACTOR SPECIFICATIONS

Model	TD80D	TD95D
Engine¹		
Type	4-cycle, diesel, naturally aspirated	4-cycle, diesel, turbo-charged
Number of cylinders	4	4
Displacement	.....238 cu. in. (3.9 L)	
Gross engine horsepower	72 hp (53 kW)	90 hp (67 kW)
PTO horsepower	62 (46.2 kW)	80 (59.7 kW)
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	.....23.8 gallons	

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	Dry 11 inch diameter heavy duty organic plate	Dry 12 inch diameter heavy duty cerametallic plate
Ground speed*	...Base transmission: Forward - 1.05 to 17.3 MPH, ... Reverse - 1.02 to 16.9 MPH Optional creeper transmission: Additional 8 Forward speeds between 0.2 - 1.9 MPH	
Rear differential lock	.....Mechanical foot pedal engagement.....	
Service brakes	.....Individual hydraulic 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	.....2,755 psi	
Implement pump capacity	.....13.6 gpm	
Steering & services system	.....Hydrostatic power steering w/dedicated..... gear pump - 8.1 gpm	
Total maximum tractor flow	.....21.7 gpm	
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)	

Model	TD80D	TD95D
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.	.....5,025 lbs.....	
Fast raise / lower control	.....Standard equipment, mechanical push button..... with finger-tip operation	
Upper limit regulation	.....Standard equipment, adjustable mechanical..... stop limit on hitch rockshaft	

PTO		
Rear	.....Standard, w/ flip-up PTO shaft guard	
Clutch type	.....Independent, dry, organic plate.....	
Clutch diameter	11 in.	12 in.
Engagement	.....Mechanical.....	
Speed	540 RPM	540 RPM (540/1000 optional)

Front Axle		
2WD	.....Heavy duty, adjustable, maximum axle capacity..... of 5,511 lbs (TD80D) and 5,732 lbs (TD95D).	
Track adjustment	.....55 - 75 in.	
Maximum turn angle	.....55 degrees	
Maximum axle oscillation	.....11 degrees	
Steering cylinder	.....Contained behind main axle beam.....	

FWD		
	.....Center differential with planetary final drives in..... wheel hubs, maximum unrestricted axle capacity of 6,172 lbs (TD80D) and 6,613 lbs (TD95D).	
Track adjustment	.....61 - 78 in.	
Maximum wheel turn angle	.....50 degrees (FWD)	
Maximum axle oscillation	.....11 degrees	
Steering cylinder	.....Contained behind main axle beam.....	
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	5,702 lbs. / 6,254 lbs.	6,107 / 6,659 lbs.
CAB - 2WD / FWD	6,363 lbs. / 6,915 lbs.	6,768 / 7,320 lbs.

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

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

¹Manufacturer's estimate *measured with 16.9x30 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.

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