

# NEW HOLLAND TD5000 SERIES TRACTORS

76 and 90 Horsepower | TD5030 | TD5050



**LEAN & MEAN**  
JUST WHAT YOU NEED.



## INNOVATION WITH ITS SLEEVES ROLLED UP

NEW LEAN & MEAN TD5000 SERIES TRACTORS COMBINE TOP PERFORMANCE WITH TOP VALUE.



### Flat deck or all-weather cab

Who says value and comfort are mutually exclusive? TD5000 tractors are designed to keep you comfortable and productive on the job all day, every day. TD5000 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 TD5000 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 TD5000 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, TD5000 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, offering speeds as low as 18 feet per minute at maximum power.

Models	Engine HP	PTO HP	Displacement cu. in. (L)	Cylinders	Transmission
TD5030	76	62	195 (3.2)	4	12F x 12R w/synchronized shuttle 20F x 12 R creeper optional
TD5050	90	80	274 (4.5) Turbo	4	12F x 12R w/synchronized shuttle 20F x 12 R creeper optional



*Left: Control your environment from the comfort of the TD5000 factory-installed cab. Front wiper, dual external mirrors and two additional work lights are standard cab equipment.*

*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

**TD5000 TRACTORS OUT-SPEC OTHERS ON THE MARKET TO MAKE YOU MORE PRODUCTIVE.**



B100 biodiesel approved! New Holland approves the use of B100 biodiesel (meeting ASTM 6751 standards) on TD5000 Series tractors, giving you the perfect opportunity to increase demand for farm crops, reduce emissions and reduce foreign oil imports.

TD5000 Series tractors are built tough to handle the rigors of farming. From mowing to loading to tilling to baling, New Holland Lean & Mean TD5000 Series tractors give you exactly what you need to get the job done.

### **Proven engine reliability**

TD5000 tractors are equipped with reliable engines that produce up to 44% torque rise (TD5050) to handle the demands of tough conditions and heavy loads. The TD5030 is powered by a 195 cu. in. (3.2 L) engine while the TD5050 is powered by a 274 cu. in. (4.5 L) engine. TD5000 engines are all Tier III emissions compliant as well as turbocharged and intercooled for maximum performance and fuel efficiency.



*The single-piece TD5000 hood flips open easily for unrestricted, hassle-free access to engine service points. No side panels to remove.*



### **Impressive hydraulic flow**

TD5000 tractors boast outstanding hydraulic performance numbers as well with a dedicated, high-capacity 16.1-gpm implement pump to provide power to the three-point hitch, optional loader and up to three rear remotes. A separate 9.5-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**

TD5000 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.

**Right:** 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 TD5000 TRACTORS ARE THE PERFECT MATCH



TD5000 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 TD5000 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.

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JUST WHAT YOU NEED.

Loader Model	810TL		820TL	
	Non Self Leveling	Mechanical Self Leveling	Non Self Leveling	Mechanical Self Leveling
Tractors	2WD TD5000 Models		FWD TD5000 Models	
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)	1,115 (505)	990 (449)	1,150 (522)

# NEW HOLLAND TD5030 AND TD5050 TRACTOR SPECIFICATIONS

Model	TD5030	TD5050
<b>Engine†</b>		
Type	4-cycle, diesel	
Make	New Holland	
Model	F5C	NEF
Cylinders / Aspiration	4 / Turbocharged and intercooled	
Displacement	195 cu. in. (3.2 L)	274 cu. in. (4.5 L)
Block Type	Parent Bore	
Rated Speed	2500 RPM	
Gross Engine Horsepower	75	93
PTO Horsepower	62	80
Torque Rise	28%	44%
Emission Legislation	Tier III	
<b>Fuel, Air and Lubrication System</b>		
Injection Pump	Bosch / Rotary	
Injector Type	Direct	
Fuel Filter Type	Dual stage fuel filtering system with water/sediment separator followed by a paper filter element cartridge	
Fuel Tank Capacity	23.8 gal (90.0 L)	
Auxiliary Fuel Tank Capacity, Opt	7.0 gal (26.5 L)	
Fuel Type	B100 Biodiesel (meeting ASTM 6751 standards) and/or standard diesel fuels	
Air Filter Type	Dry / Dual Element	
Oil and Filter Service <sup>Δ</sup>	500 hours	600 hours
Muffler	Under hood	
Exhaust Outlet	Right side of hood	
<b>Transmission</b>		
Base Equipment Transmission	12Fx12R with synchronized mechanical shuttle (4 synchronized speeds in 3 non-synchronized 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 (280 mm) diameter, heavy-duty cerametallic material	Dry / 12-inch (305 mm) diameter, heavy-duty cerametallic material
Base Equipment Transmission Speed*	1.1 - 17.6 mph (1.7 - 28.3 kph)	
Optional Transmission Speed*	0.2 - 17.7 mph (0.23 - 28.5 kph)	
<b>Hydraulics</b>		
System Type	Open center, fixed displacement gear pump	
Implement Pump Flow	16.1 gpm (60.9 L/min)	
Steering & Services Pump Flow	9.5 gpm (36.0 L/min)	
Total Flow	25.6 gpm (97.0 L/min)	
Remotes	1 (Base Equipment) / 3 (Optional)	
<b>3-Point Hitch</b>		
Category	II	
Draft Sensing	Mechanical, lower link sensing	
Std ASAE Lift Capacity @ 24 in.	5025 lbs. (2279 kg)	
Link Arms	Flexible	
Stabilizers	Telescoping	
Upper / Lower Limit Setting	Lift-O-Matic	

Model	TD5030	TD5050
<b>PTO</b>		
Type	Fully independent	
PTO speed		
Base Equipment	540 RPM	540 RPM
Optional	N/A	540/1000 RPM
Operator Control	One lever, mechanical engagement	
PTO Clutch	Dry, 11-in., organic plate	
<b>Front Axle</b>		
<b>2WD</b>		
	Heavy duty, adjustable, maximum axle capacity 5,511 lb. (TD5030) & 5,732 lb. (TD5050)	
Track Adjustment	55.2 - 74.9 in. (1403 - 1903 mm)	
Maximum Steering Angle	55°	
Oscillation	11°	
Steering Cylinder	Contained behind main axle beam	
<b>FWD</b>		
	Center Differential with planetary final drives in wheel hubs, unrestricted axle capacity of 6,172 lb. (TD5030) 6,613 lb. (TD5050)	
Track Adjustment	61.4 - 78.7 in. (1560 - 2000 mm)	
Maximum Steering Angle	50°	
Oscillation	11°	
Steering Cylinder	Contained behind main axle beam	
Front Differential Lock	Limited slip	
FWD Engagement	Mechanical lever	
<b>Electrical</b>		
Battery	12 volts / 800 cca	
Alternator	120 amps	
Cold Start Aid	Grid Heater	
Lighting	2 hi/lo beam headlights, 1 rear worklight, (Cab has 2 additional front worklights and 1 additional rear worklight)	
Accessory Power Outlets	7-pin implement outlet, 4-pin (25Amp) outlet, 1-pin (8Amp) outlet	
Fuses	Automotive blade type	
<b>Approximate Weight</b>		
Less Cab (ROPS)		
- 2WD	6393 lb. (2900 kg)	6702 lb. (3040 kg)
- FWD	7385 lb. (3350 kg)	7804 lb. (3540 kg)
Cab		
- 2WD	7010 lb. (3180 kg)	7363 lb. (3340 kg)
- FWD	7980 lb. (3620 kg)	8333 lb. (3780 kg)
<b>Approximate Dimensions</b>		
ROPS Height*	107.7 in. (2735 mm)	
Cab Height*	102.4 in. (2602 mm)	
<b>Wheelbase</b>		
2WD	89.8 in. (2281 mm)	94.0 in. (2388 mm)
FWD	87.6 in. (2225 mm)	91.8 in. (2332 mm)

†Manufacturer's estimate

Δaffected by sulfur content of the fuel

\*with 18.4x30 rear tires

# Value, Service and Solutions

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## **FAMILY VALUE\$**

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*We are proud to support the FFA.*

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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.

NH31503020 • 040950 • MG • PRINTED IN U.S.A.