

NARROW SPECIALTY TRACTOR 76 PTO HP

TD4040F



BIG VALUE IN NARROW ROWS

Here's a narrow tractor that delivers a big return for your hard-earned dollar. The TD4040F tractor gives you BIG power and BIG value in a streamlined, low-profile package that's perfect for confined spaces and the tight rows of orchards, nut groves and vineyards. Best of all, this tractor is from New Holland – the world's leading supplier of narrow vineyard and orchard tractors.



SIMPLE AND RELIABLE

The simplicity of the TD4040F means more reliability for you with our Synchro Shuttle™ transmissions with mechanical shuttle, so you'll have no concerns about complex electronics. Choose the proven and convenient 12x12 mechanical transmission or a 20x12 creeper mechanical transmission that offers working speeds as low as 0.23 mph needed for certain applications. With either transmission, you can make quick, speed-matched direction changes with the dedicated shuttle lever and clutch.

A LOT OF POWER AND STRENGTH FOR NOT A LOT OF MONEY

The TD4040F is value-priced, but it is more heavily built than most competitive-brand tractors, allowing you to work easily with heavy sprayers on hilly terrain. And, the powerful 88-gross-horsepower engine (76 PTO hp) delivers performance that beats out most other tractors too. You'll find many uses for the TD4040F. From spraying and light tillage to pulling wagons, the TD4040F is an all-around, multi-purpose workhorse of a tractor. Add even more versatility with the 630TL front loader for fast loading, moving, dumping and stacking.

MODERN, ENVIRONMENTALLY FRIENDLY AND RESPONSIVE

The TD4040F is powered by the same Tier III engine family used in the award-winning T4F/V Series tractors. New Holland F5C engines combine the latest advances in turbocharged and intercooled efficiency with the simplicity of two-valve technology and mechanical fuel injection. The four-cylinder TD4040F engine also reduces the carbon footprint of your operation because of its long 600-hour engine service interval. Spend more time in the field and less time refueling with our large 21-gallon fuel tank. It's easy to see why the TD4040F is extremely economical to operate. The engine features a low 2300-rpm rated speed for reduced noise and vibration, and develops maximum torque at a low 1250 rpm, so you are sure to get the reserve power you need to achieve high productivity in demanding applications.

LOW-VIBRATION OPERATOR PLATFORM

Just because the TD4040F is value-priced doesn't mean we cut corners when it comes to your comfort. We've relocated the hand throttle, improved the steering wheel angle and relocated brake and throttle pedals to maximize your comfort. The spacious, open operator platform is isolation mounted to reduce noise, vibration and heat that reaches the operator, and the mechanically suspended seat smooths the ride further. Controls are easy to identify and use. The adjustable seat and steering wheel allows operators of every height, weight and size to settle down to work in absolute comfort. Controls are intuitive and positioned so they are easy to operate, with key transmission and hydraulic levers grouped so you can use them without needing to stretch.



PUSH BUTTON TRACTION CONTROL

Electro-hydraulic controls manage both 4WD and rear differential lock engagement. With the push of a button, you can switch from using maximum traction in adverse conditions to maximum maneuverability in close quarters. Radial tires all around give you the extra traction, pulling power and long life you have come to expect from New Holland.



Note: The TD4040F tractor pictured above has a mid-mounted ROPS. On this particular configuration, the mid-mounted ROPS may help to protect an operator from a large object falling down the loader arms. However, on tractors with a rear-mounted ROPS operating a loader, a FOPS is recommended to protect the operator from large objects falling down the loader arms.

EFFICIENT HYDRAULICS, MASSIVE LIFT CAPACITY AND ULTIMATE CONTROL

An 11.9-gpm hydraulic pump and separate 6.8-gpm power steering pump provides a TOTAL hydraulic flow of 18.7 gallons per minute, ensuring you have full hydraulic power ready when you need it. For those demanding jobs that require additional hydraulic capacity, New Holland has made available an optional 16.1-gpm hydraulic pump, so you can accomplish those tasks where you need more speed to get the job done. Choose two rear remotes, or three rear remotes that includes one with flow control. A 3,924-pound (SAE) three-point lift capacity matches the demands of heavy loads and implements. A pin-type tubular stabilizer makes implement adjustment simple and easy. You also get the benefit of New Holland's exclusive Lift-O-Matic™ rear linkage control which allows you to raise and lower implements to preset positions using a single button.

DIRECT, EFFICIENT PTO

The standard 540-rpm, independent PTO system reduces power losses and the number of parts liable to wear within the transmission. New Holland also offers an optional 540E Economy PTO speed. This two-speed PTO system allows you to operate an implement at reduced engine speed. The result is reduced fuel consumption and more money in your pocket.



SPECIFICATIONS – NARROW SPECIALTY TRACTOR

MODEL

TD4040F

Engine		
Type/ Make/ Model		4 cylinder FPT F5C
Aspiration		Turbocharged & Intercooled
Displacement	cu. in. (L)	195 (3.2)
Rated speed	RPM	2300
Gross engine HP		87
PTO horsepower		76
Torque rise		30%
Emissions legislation		US EPA Tier III
Fuel & Lubrication System		
Fuel tank capacity	gal. (L)	21.1 (80)
Oil & filter services		Every 600 Hours
Electrical System		
Battery CCA		840
Alternator	amps	120
Cold start aid		Grid Heater
Transmission		
Standard		12x12 mechanical shuttle (4 fully synchronized gears in each of the 3 ranges)
Clutch type/ size	in. (mm)	Dry/ 11 (280) dia. heavy duty ceremetallic
Creeper range		Provides 8 additional gears including 6 speeds below 1 mph in forward. Minimum speed = 17.5 ft per minute (speed varies w/ tire selection)
Maximum speed	mph (kph)	21.8 (35.1) - speed varies with tire size
PTO		
Base equipment PTO speed rpm		Independent 540 @ 2196 engine rpm (540/540E optional)
3 Point Hitch		
Category		I/II
Draft sensing		Lower link sensing
ASAE lift capacity @ ball ends	lbs. (kg)	6613 (3000)
ASAE lift capacity @ 24"	lbs. (kg)	3924 (1780)
Lift arms		Fixed
Stabilizers		
Standard		Telescopic
Optional		Chain (required for narrowest wheel spacings)
Hydraulics		
Implement pump flow	gpm (l/ min)	11.9 (45); 16.1 (61) optional
Steering & services pump flow	gpm (l/ min)	6.8 (26)
Total hydraulic flow	gpm (l/min)	18.7 (71); 22.9 (87) optional
Remote valves - base/ optional		2/3
Rear Axle		
Differential lock engagement		Electro-Hydraulic
Track adjustment	in. (mm)	45.2 to 65.3 (1148 to 1659)
Front Axle		
Type		FWD
Track adjustment	in. (mm)	46.8 to 58.5 (1189 to 1486)
Differential lock engagement		Limited slip
Tire type		Radial - R1W
Dimensions		
Operator's station		ISO mounted straddle deck design
Wheelbase (FWD)	in. (mm)	81.2 (2063)
Overall length	in. (mm)	155.1 (3940)
Minimum overall width	in. (mm)	58.6 (1488)
ROPS height with mid roll bar folded	in. (mm)	57 to 61.2 (1450 to 1556)
Approximate Shipping Weight		
FWD ROPS	lbs. (kg)	5886 (2670)



Learn more at www.newholland.com/na

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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.