

# New Holland T4000F Series Narrow Tractor Specifications



T4030F T4040F T4050F

MODEL ENGINE†	T4030F	T4040F	T4050F
Type .....	4-cycle, diesel .....		
Make .....	New Holland .....		
Model .....	F5C .....		NEF .....
Cylinders / aspiration .....	4 / turbocharged and intercooled .....		
Displacement, cu. in. (L) .....	195 (3.2) .....		274 (4.5) .....
Block type .....	Parent bore .....		
Rated speed, RPM .....	2300 .....		
Gross engine horsepower† .....	76 .....	87 .....	95 .....
PTO horsepower† .....	62 .....	72 .....	82 .....
Torque rise‡, % .....	39 .....	30 .....	35 .....
Maximum torque‡, lb.-ft. (Nm) .....	243 (330) @ 1250 rpm .....	259 (352) @ 1250 rpm .....	293 (398) @ 1300 rpm .....
Emission legislation .....	Tier III .....		

## FUEL, AIR AND LUBRICATION SYSTEM

Injection pump .....	Bosch VE / 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, gal. (L) .....	19.3 (73) .....		
Air filter type .....	Dry / dual element .....		
Service interval <sup>Δ</sup> , hours .....	500 .....	600 .....	600 .....
Muffler .....	Under hood .....		
Exhaust outlet .....	Under right side of operator's station .....		

## TRANSMISSION

Transmissions: .....	Base: 16x16 with a mechanical shuttle .....		
	Option 1: 16x16 with a power shuttle .....		
	Option 2: 32x16 dual command with a power shuttle .....		
Clutch type / size (mechanical), in. (mm) .....	Dry / 11 (280) diameter, heavy-duty cerametallic material .....		
Clutch type / size (electro-hydraulic), in. (mm) .....	Wet / six plates 5.2 (133), organic material .....		
Top speed .....	Base: 30 KPH / optional: 40 KPH (FWD only) .....		

## FRONT AXLE

2WD front axle			
Steering angle, degrees .....	55 .....		
Turning radius, ft. (mm) .....	11.15 (3400) .....		
SuperSteer™ front axle			
Front differential lock .....	Fully locking, electro-hydraulic engaged .....		
Steering angle, degrees .....	76 .....		
Turning radius, ft. (mm) .....	10.8 (3300) .....		

## ELECTRICAL

Battery .....	12 volts / 800 cca .....		
Alternator .....	120 amps .....		
Cold start aid .....	Grid heater .....		

## HYDRAULIC SYSTEM

System type .....	Open center .....		
System pressure, psi (bar) .....	2755 (190) .....		
Implement pump flow, gpm, (L/Min) .....	Base - 12.8 (48.6) .....	17.2 (65) .....	17.2 (65) .....
	Optional - 17.2 (65) [Base with power shuttle] .....		
Steering & services pump, (L/Min) .....	with mechanical shuttle - 7.2 (27) .....	9.2 (34.8) .....	9.2 (34.8) .....
	with power shuttle - 9.2 (34.8) .....		
Remotes valves .....	2 (base) / 3 (optional) .....		
Draft control .....	Mechanical .....		
Upper / lower limit setting .....	Lift-O-Matic .....		
3-Pt hitch lift capacity (24" behind lift point), lbs. (kg) .....	4045 (1835) .....		
Front lift and PTO .....	NA .....		Optional .....

†Manufacturer's estimate

N/A- Not Available

ΔAffected by sulfur content of the fuel

\*Measurements may vary depending on tire size

\*\*with 380/70R24 tires

\*\*\*with 380/70R20 tires

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MODEL	T4030F	T4040F	T4050F
<b>REAR PTO</b>			
540/1000 RPM.....		Standard .....	
Engagement.....		Mechanical with hydraulic Servo-Assist.....	

## TURNING PERFORMANCE

<b>Turning radius</b>			
2WD - without brakes, ft. (m).....		11.1 (3.4) .....	
SuperSteer FWD - without brakes, ft. (m) .....		10.8 (3.3) .....	
2WD - with Brakes, ft. (m).....		10.2 (3.1) .....	
SuperSteer FWD - with brakes, ft. (m) .....		10.4 (3.2) .....	
<b>Turn around diameter</b>			
2WD - without brakes, ft. (m).....		13.3 (4.1) .....	
SuperSteer FWD - without brakes, ft. (m) .....		8.4 (2.6) .....	
2WD - with brakes, ft. (m).....		10.5 (3.2) .....	
SuperSteer FWD - with brakes, ft. (m) .....		6.9 (2.1) .....	

## APPROXIMATE WEIGHTS\*

2WD less cab, lb. (kg) .....	6089 (2762).....	6266 (2842)
2WD cab, lb. (kg) .....	6261 (2840).....	6460 (2930)
SuperSteer FWD less cab, lb. (kg) .....	6243 (2832).....	6420 (2912)
SuperSteer FWD cab, lb. (kg) .....	6415 (2910).....	6614 (3000)

## DIMENSIONS

Platform type - cab / rollbar .....	Iso mounted, straddle platform .....	
<b>Wheelbase</b>		
2WD, in. (mm) .....	82.0 (2083) .....	85.4 (2170)
SuperSteer FWD, in. (mm) .....	92.4 (2348) .....	95.9 (2435)
<b>Tire track widths*</b>		
Front 2WD, in. (mm).....	45.1 (1146) - 63.5 (1612).....	
Front SuperSteer FWD, in. (mm) .....	41.8 (1062) - 58.7 (1492).....	
Rear, in. (mm).....	43.6 (1108) - 61.0 (1550).....	
Min. overall width**, in. (mm) .....	58.5 (1486).....	
Height to top of rollbar***, in. (mm) .....	89.5 (2274).....	
Height to top of dash ***, in. (mm) .....	50.8 (1290).....	
Height to top of cab***, in. (mm).....	85.5 (2173).....	

\*Manufacturer's estimate

N/A- Not Available

<sup>a</sup>Affected by sulfur content of the fuel

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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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