

New Holland TK4000 Series Crawler Tractors 76 to 99 hp

TK4030V TK4050 TK4050M TK4060



Work steep. Work sleek.



A new sleek profile and smooth control adds to the legendary performance of New Holland crawler tractors.

The NEW TK4000 family of crawler tractors expands upon the legendary durability, power and maneuverability of previous generations of New Holland crawlers by adding comfort, efficiency and an element of style. Four TK4000 models range from 76 to 99 horsepower and feature the distinctive New Holland “cat’s eye” family styling with the signature sloped hood design.

Bold power

A 195 cu. in. (3.2 L) engine is used in the TK4030V, while a 274 cu. in. (4.5 L) engine is used in the TK4050, TK4050M and TK4060. All engines are turbocharged and intercooled for maximum performance and fuel efficiency. The TK4000 crawler tractor engines are all Tier III emissions certified and approved for use with biodiesel blends up to B100 (must meet ASTM 6751 standards), improving air quality for both you and your crops.

A versatile family

The TK4000 Series crawler tractor family includes four distinct product offerings to conquer the specific task at hand. The TK4030V, with 64 PTO horsepower and a width of only 46.1 inches, is perfect for the narrow rows of vineyard applications. It pulls heavy loads and operates in the extreme vineyard terrain where conventional wheeled tractors can’t. The most popular model, the TK4050, is offered in two configurations—the standard (TK4050) and the mountain (TK4050M). The TK4050 is the true all purposed crawler tractor solution, offering the correct combination of

size (55.5 inches wide) and power (94 engine hp/76 PTO hp). The TK4050M, with its low center of gravity, long track footprint, and wide track offering, operates safely on a 20% steeper slope than a wheeled tractor, making it ideal for mountainside use. The massive power of the TK4060—99 engine (88 PTO) horsepower—allows you to easily handle tillage and PTO applications. Regardless of the job, New Holland has a crawler that will satisfy your requirements.

Crawler comfort

New Holland has enhanced the TK4000 crawler platform design for even more comfort and convenience. An improved layout of the three-point hitch and rear remote control levers makes them easier to reach

and use. All the main controls are grouped conveniently around you where they come easily to hand. The exclusive Steering-O-Matic™ lever in the center of the front console allows you to control the steering with only one hand, freeing your right hand to control implements. The seat, footrest and fenders are ISO-mounted to reduce noise and vibration, and multiple seat adjustments allow you to find the perfect position for you. The seat base can even be tilted for working on slopes. The new, unique Lift-O-Matic Plus™ feature is easy to set-up and allows the operator to precisely control three-point hitch mounted implements. It is easier and faster than ever to adjust the three-point to pre-set positions or modify the implement position on the go.





Dual-pump hydraulic power

TK4000 crawler tractors use two separate open-center hydraulic circuits to enhance hydraulic performance. An 11.9-gpm implement pump (9.4 gpm on the smallest model

TK4030V) and a 5.8 -gpm steering and services pump (5.4-gpm on the TK4030V) provide the generous flow needed to handle a variety of implements. Three-point hitch lift capacity is also impressive—4,075 pounds

SAE rated. Three rear remotes are standard on all crawlers, with a fourth available on the TK4050, TK4050M and TK4060 to meet your requirements.

Model	Implement Pump Flow	Steering Pump Flow	Total Flow	SAE Rated 3-Point Lift Capacity (24 in behind ball links)
TK4030V	9.4 gpm	5.4 gpm	14.8 gpm	4,075 lb.
TK4050	11.9 gpm	5.8 gpm	17.7 gpm	4,075 lb.
TK4050M	11.9 gpm	5.8 gpm	17.7 gpm	4,075 lb.
TK4060	11.9 gpm	5.8 gpm	17.7 gpm	4,075 lb.

Built-in performance advantages

New Holland TK4000 crawler tractors, by design, improve your productivity during tasks when wheeled tractors struggle. A low center of gravity and long track footprint provide greater overall stability that allows TK4000 crawler tractors to operate with ease where conventional tractors can't. The track undercarriage connects to the main tractor chassis

with a large-diameter pivot shaft. This pivot shaft allows maximum track oscillation to keep the tracks firmly on the ground and ensure optimum traction and long-term track durability. The large track surface—up to 2,310 square inches—provides more traction with less slippage, allowing TK4000 crawlers to pull their own weight. The low ground pressure—nearly five psi of

contact pressure—reduces root zone damage and increases flotation on wet soil. The ability to pivot on a stationary track while turning results in a reduced turning radius that allows TK4000 crawlers maneuver with ease in confined areas. Low-clearance areas are no problem either thanks to the low-profile TK4000 design and foldable rollbar that's provided as base equipment.

TK4000 Series Crawler Tractor Specifications

MODEL	TK4030V	TK4050	TK4050M	TK4060
Engine				
Type	diesel			
Make	New Holland			
Model	F5C	NEF	NEF	NEF
Cylinders / Aspiration	4 / Turbocharged and Intercooled			
Displacement, cu. in. (L)	195 (3.2)	274 (4.5)	274 (4.5)	274 (4.5)
Service Interval ¹	500 hours	600 hours	600 hours	600 hours
Muffler	Under hood			
Rated Speed, RPM	2300	2500	2500	2500
Gross Engine Horsepower ²	76	94	94	99
PTO Horsepower ²	64	83	83	88
Torque Rise ³	39%	44%	44%	46%
Emission Legislation	Tier III			
Fuel, Air and Lubrication System				
Fuel Tank Capacity, gal. (L)	21.0 (79.5)	29.0 (109.8)	29.0 (109.8)	29.0 (109.8)
Transmission				
Transmission	8x8 Non-Synchronized Mechanical Forward-Reverse Shuttle			
Engagement	Over-Center Hand Lever Activated			
Clutch Type	Single Disc	Single Disc	Single Disc	Single Disc
Clutch Size	11.5 in. Diameter Organic Driveline Clutch			
Ground Speed Range, mph (kph)	1 - 6.8 (1.36 - 11.0)	1 - 7.5 (1.7 - 12.0)	1 - 7.5 (1.7 - 12.0)	1 - 7.5 (1.7 - 12.0)
Electrical				
Battery	12 volts / 800 cca			
Alternator	120 amps			
Cold Start Aid	Grid Heater			
Outlets	7-Pin Outlet for Trailer/Implement Lighting / Single Pin (8 amp) Accessory Power Outlet			
Steering				
Steering System	Single Lever Steering-O-Matic™ Full Drive System Control			
Steering Clutch	Hydraulic Controlled Clutch Packs for Each Side			
Clutch Disks per pack	(8) 9 in. Diameter	(8) 9 in. Diameter	(8) 9 in. Diameter	(8) 9 in. Diameter
	Clutch Disks, Running in Oil	Clutch Disks, Running in Oil	Clutch Disks, Running in Oil	Clutch Disks, Running in Oil
Hydraulic System				
System Type	Open Center			
System Pressure, psi. bar	2,755 (190)			
Implement Pump Flow, gpm (L/Min)	9.4 (35.6)	11.9 (45.0)	11.9 (45.0)	11.9 (45.0)
Steering & Services Pump, gpm (L/Min)	5.4 (20.4)	5.8 (22)	5.8 (22)	5.8 (22)
Remotes Valves				
Base Equipment	3 (1 with flow control)	3	3	3
Optional	N/A	4th (1 with flow control)	4th (1 with flow control)	4th (1 with flow control)
Drift Control	Mechanical			
Upper / Lower Limit Setting	Lift-O-Matic Plus			
3-pt Hitch Lift Capacity (24" behind lift point), lbs. (kg)	4075 (1848)	4075 (1848)	4075 (1848)	4075 (1848)
PTO				
PTO Speed	540 RPM	540/1000 RPM	540/1000 RPM	540/1000 RPM
PTO Clutch	Dry, 11-in. Organic Plate			
Engagement	Double Lever Mechanical			
Track & Dimensions				
Platform Type - Rollbar	Iso mounted, straddle platform			
Track				
Track Type	Heavy Duty Dry Track	Heavy Duty Dry Track	Heavy Duty Dry Track	Heavy Duty Lubricated Track Chain
Option 1, in. (mm)	10.6 (270)	12.2 (310)	15.7 (400)	17.7 (450)
Track Type	N/A	N/A	Heavy Duty Lubricated Track Chain	N/A
Option 2, in. (mm)	N/A	N/A	17.7 (450)	N/A
Track Setting, in. (mm)	35.4 (900)	43.3 (1100)	51.2 (1300)	51.2 (1300)
Track Rollers - per side	4	5	6	6
Wheelbase				
Track Option 1, in. (mm)	53.1 (1341)	62.4 (1586)	62.4 (1586)	65.2 (1656)
Track Option 2, in. (mm)	N/A	N/A	65.2 (1656)	N/A
Overall Width				
Track Option 1, in. (mm)	46.1 (1170)	55.5 (1410)	67.0 (1700)	68.9 (1750)
Track Option 2, in. (mm)	N/A	N/A	68.9 (1750)	N/A
Maximum Length*, in. (mm)	130 (3352)	135 (3431)	135 (3431)	135 (3431)
Height to Top of Seat Back, in. (mm)	50.3 (1278)	56.3 (1431)	56.3 (1431)	56.3 (1431)
Height to Top of Rollbar, in. (mm)	87.0 (2210)	91.5 (2326)	91.5 (2326)	91.5 (2326)

¹Manufacturer's estimate

N/A = Not Available

²Affected by sulfur content of the fuel

³With Folded Rollbar



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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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