

TK4000 SERIES CRAWLER TRACTORS 76 TO 99 HP

TK4030V | TK4050 | TK4050M | TK4060



LEGENDARY POWER MEETS NEW OPERATING COMFORT

TK4000 CRAWLER TRACTORS WORK STEEP, WORK SLEEK AND NOW, LET YOU WORK OUT OF THE WEATHER.

Sleek, low-profile New Holland TK4000 crawler tractors work in steep terrain and narrow rows where wheeled tractors can't do the job. Already known for their legendary durability, power and maneuverability, TK4000 Series crawler tractors now offer even more comfort and convenience for operators.

OPTIONS ADD COMFORT

All-weather factory cab option means you can work in quiet, air-conditioned or heated comfort as you slip between the rows. Available on TK4050, TK4050M and TK4060, this cab circles you in glass to provide a great vantage point to your work. Whether you choose the cab or open platform, the Lift-O-Matic™ Plus hydraulic control system and one-lever Steering-O-Matic™ system make operation easy. An optional Steering-O-Matic™ Plus system with Full Drive™ offers the ultimate driving convenience by incorporating drive, brake and steering functions into one lever.

TK4050M
TK4060



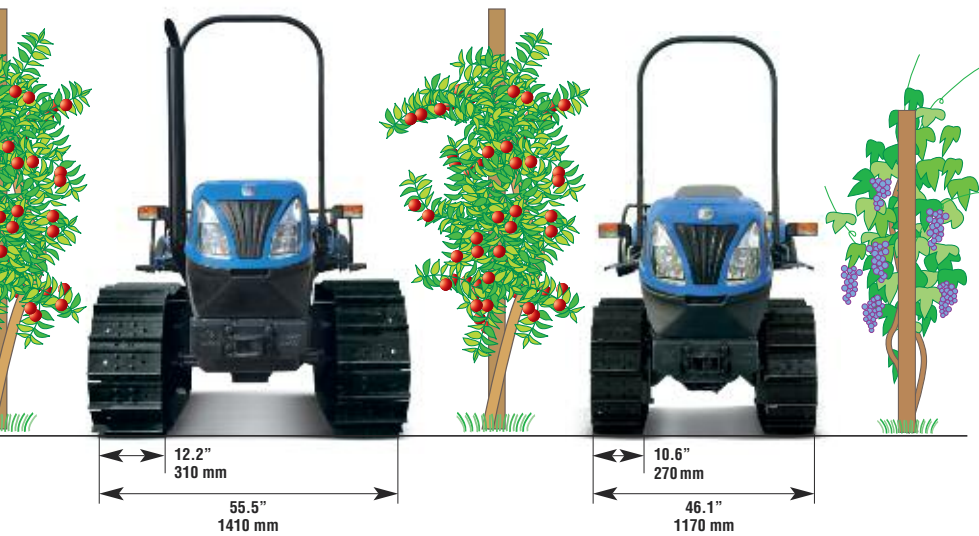
AN 80-YEAR EVOLUTION

Over 80 years production experience is built into every TK4000 Series crawler tractor. This long and proven history ensures these versatile tractors meet the diverse needs of growers, farmers and contractors the world over. TK4000 tractors have evolved to become the tractors offering the best stability, performance and ease of operation in their class. They provide maximum productivity, comfort and safety in extreme terrain.



TK4050

TK4030V



A VERSATILE FAMILY

The TK4000 Series crawler tractor family includes four distinct models ranging from 76 to 99 horsepower. Choose the one that best meets your everyday challenges:

- TK4030V – When only the narrowest will do, this model delivers 64 PTO hp in a width of only 46.1 inches.
- TK4050 – The ultimate all-purpose solution, with a narrow 55.5-inch width and 83 PTO hp.
- TK4050M – A low height, wide track and overall width of 68.9 inches allows this mountain version to operate safely on a 20% steeper slope than wheeled tractors.
- The TK4060 – 88 PTO hp rises to the challenge of big tillage and PTO applications.



SMOOTH CONTROL

LOW-PROFILE PLATFORM AND CAB DESIGN ENHANCES COMFORT AND EFFICIENCY.

The industry-leading New Holland operating experience is a result of smart design.

ALL-WEATHER CAB OPTIONAL ON THE TK4050, TK4050M AND TK4060

Step inside the TK4000 cab and you feel immediately at home and secure. With complete protection from the harshest environments, the iso-mounted cab offers the additional benefit of tightly controlled noise and vibration levels. In addition to heated, air-conditioned temperature control, a luxurious cloth seat is fully adjustable and helps make long days fly by.



OPTIONAL STEERING-O-MATIC™ PLUS

The patented Steering-O-Matic™ Plus system with Full Drive™ gives you one-hand control of steering and the drive system. This intuitive system controls direction changes and clutch engagement. Just push the single, multi-function lever forward to drive, and left or right for lateral movement. The Full Drive system allows you to brake the track for tighter turns. This quick, accurate steering is ideal for work in high-value crops.





EASY ACCESS, CLEAR VIEW

Access to the tractor platform is open and easy with no controls to get in the way. Once seated, you have ample leg and foot room. Analog gauges for temperature, engine speed, engine hours and fuel level are front and center and easy to read.



PERFECT POSITIONING

Controls are grouped conveniently around you where they come easily to hand. 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.

SINGLE-HANDED STEERING

The exclusive, single-lever Steering-O-Matic™ system replaces a steering wheel for more legroom and allows you to make sharp turns with only one hand, freeing your right hand for implement control. Steering brakes are not needed and the durable wet clutch steering system design is the most advanced in its class.



EYES ON THE IMPLEMENT NOT ON LEVERS

With just one lever that incorporates six functions (clutch, neutral, left turn, right turn, left brake, right brake), the optional Steering-O-Matic™ Plus system with Full Drive™ eliminates the need to keep your eyes and mind on multiple drive levers and pedals. You can confidently turn your head to check on implement performance. The Steering-O-Matic™ Plus servo assisted system greatly reduces control lever effort to make long days in the field less tiring.



A FREE HAND TO OPERATE THE HYDRAULICS

Traditional twin-lever steering systems require you to use both hands to make a tight turn. The single-handed operation of the Steering-O-Matic Plus system allows you to simultaneously operate other controls, including the hydraulics. This innovative simplicity not only makes operation easier, it improves overall safety and productivity.



“ANCHORED” SECURITY

The low seat position and side consoles support the operator and give an enhanced sense of security when working on lateral slopes and steep inclines. Operators find that holding the Steering-O-Matic control lever while resting the palm of the hand on the front support “anchors” them to this secure operating position.

BUILT-IN PERFORMANCE ADVANTAGES

SUPERIOR STABILITY, TRACTION AND MANEUVERABILITY INCREASE YOUR PERFORMANCE AND EFFICIENCY.

By design, New Holland TK4000 crawler tractors 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.

MAXIMUM TRACTION AND PULLING POWER

The TK4000 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. And that means you can take on wider implements to boost efficiency and decrease operating costs.

LIGHTER FOOTPRINT

Low TK4000 ground pressure—nearly five psi of contact pressure—reduces root zone damage and increases flotation on wet soil.



TURN-ON-A-DIME MANEUVERABILITY

With the ability to pivot on a stationary track, TK4000 crawler tractors offer a tight turning radius that allows you to make simple end-of-row turns and maneuver easily in confined areas. Since there's no need to skip rows when spraying or tilling, you gain significant time and fuel savings. You'll find that low-clearance areas are not a problem either thanks to the low-profile TK4000 design and standard foldable rollbar on non-cab models.



The convenient flip-up hood allows for easy engine servicing. A grid heater is standard equipment for quick starts on cold mornings.



BOLD POWER

TK4000 four-cylinder engines are turbocharged and intercooled for maximum performance and fuel efficiency. They rise to the challenge with smooth responsive power. And, these engines are approved for use with biodiesel blends up to B100 (must meet ASTM 6751 standards), improving air quality for both you and your crops.

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—4,078 pounds SAE rated (4,265 pounds on the TK4030V)—so you can take on the largest implements. Three rear remotes are standard on all crawlers, with a fourth available on the TK4050, TK4050M and TK4060 to meet your requirements.



EASY IMPLEMENT CONTROL

The unique Lift-O-Matic Plus™ feature makes it easy to set and adjust three-point implement position on the go. A convenient lever allows you to raise or lower the implement when making a headland turn and still maintain position and draft settings. You can make minor adjustments with a simple push or pull of the lever.

RUBBER FLEXIBILITY, STEEL DURABILITY.

New Holland TK4050M and TK4060 crawler tractors can now be specified with the exclusive SmartTrax™ rubber track system. Not to be confused with existing rubber track designs, SmartTrax™ are formed around an extremely robust steel skeleton with a spiral steel cord reinforced rubber track. Delivering outstanding traction, lateral grip and a large contact patch to minimize compaction, SmartTrax™ are also exceptionally durable, with a service life in excess of 3000 hours.

SmartTrax™. Combining the strength and durability of steel with the flexibility of rubber.



SMOOTH TRANSPORT

Unlike steel tracks, SmartTrax™ equipped crawlers can travel on the road, doing away with the need to transport the tractor on a trailer between jobs. Damage to farm tracks and between vines and orchard crops is also reduced.

UNIQUE TRACK VERSATILITY

New Holland SmartTrax™ are interchangeable with steel tracks if your crawler tractor was equipped with SmartTrax from the factory. This unique ability enables end users to swap between either track design to suit specific needs.

LOW VIBRATION LEVELS

The inherent suspension properties of SmartTrax™ significantly reduce vibration levels. This enables TK4000 crawlers to surpass the industry standards that relate to human exposure to whole-body vibration and shock.



LIFT-O-MATIC™ PLUS SYSTEM: SPEED AND PRECISION

This award winning mechanical hydraulic control system allows you to raise or lower the rear linkage when making a headland turn, while maintaining position and draft settings. When pushing/pulling the lever, if released, the implement immediately stops at the height corresponding to the actual implement position. A gentle push or pull of this convenient lever allows for minor adjustments.



STEERING-O-MATIC™ PLUS

The Steering-O-Matic™ Plus system with Full Drive™ gives you one-hand control of steering and the drive system. This intuitive system controls direction changes and clutch engagement. Just push the single, multi-function lever forward to drive, and left or right for lateral movement. The Full Drive system allows you to brake the track for tighter turns. This quick, accurate steering is ideal for work in high-value crops.



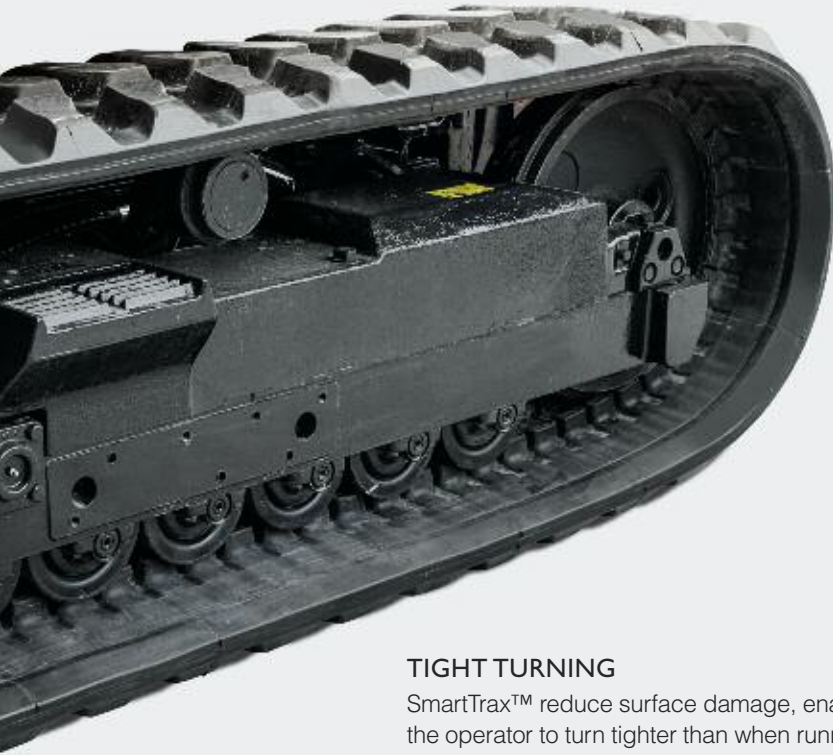
SAFE ON SLOPES

The 'Fishbone' tread pattern of SmartTrax™ delivers enhanced lateral grip that is superior to conventional steel track. A TK4000 crawler with SmartTrax™ delivers superior security in extreme terrain than a conventional steel tracked or wheeled tractor.



SUPERIOR FLOTATION

Crawler tractors deliver superior flotation than wheeled tractors. SmartTrax™ equipped TK4000 models have a wide footprint to spread the weight of the tractor more evenly to deliver superior flotation and reduced compaction, even on soft or wet ground.



DURABLE TRACK CONSTRUCTION

SmartTrax™ combine spiral steel cord reinforced rubber with an exceptionally strong steel metal skeleton. These tracks are extremely durable with a service life, subject to conditions, in excess of 3000 hours.

TIGHT TURNING

SmartTrax™ reduce surface damage, enabling the operator to turn tighter than when running on a steel track. The result? Shorter headlands and eased maneuvering of big implements to include trailed grape harvesters and sprayers.

SUPERIOR STABILITY

TK4000 crawlers are exceptionally stable and are well suited to front mounted implements. Pruners, heavy flails and spray booms can be mounted on the front of the crawler with no compromise in stability.



FACTORY FIT CAB

Unique TK4000 features go beyond the tracks, these models being the only crawlers in their class to be offered with a factory fitted cab. Suspension block mounted, the cab delivers a low noise and vibration operator environment, further enhanced when the crawler runs on smooth running SmartTrax™.



THE CHOICE IS YOURS

The TK4000 crawlers with SmartTrax™ are offered on two different models to suit your fruit and vineyard operations. TK4050M and TK4060 models have an overall width of 68.9 inches (1750 mm) with a track width of 17.7 inches (450 mm) per side.

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 [Ⓞ]	500 hours	600 hours	600 hours	600 hours
Muffler	Under hood			
Rated Speed, RPM	2300	2500	2500	2500
Gross Engine Horsepower [†]	76	94	94	99
PTO Horsepower [†]	64	83	83	88
Torque Rise [†]	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			
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	12 volts / 800 cca	12 volts / 800 cca	12 volts / 800 cca
Alternator	120 amps	120 amps	120 amps	120 amps
Cold Start Aid	Grid Heater	Grid Heater	Grid Heater	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 System (optional)	Steering-O-Matic Plus Servo Assisted Single Lever Control			
Steering Clutch	Hydraulic Controlled Clutch Packs for Each Side			
Clutch Disks per pack	(8) 9 in. Diameter Disks, Running in Oil			
Hydraulic System				
System Type	Open Center	Open Center	Open Center	Open Center
System Pressure, psi. bar	2,755 (190)	2,755 (190)	2,755 (190)	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)
Draft Control	Mechanical	Mechanical	Mechanical	Mechanical
Upper / Lower Limit Setting	Lift-O-Matic Plus	Lift-O-Matic Plus	Lift-O-Matic Plus	Lift-O-Matic Plus
3-pt Hitch Lift Capacity (24" behind lift point) lbs. (kg)	4265 (1935)	4078 (1850)	4078 (1850)	4078 (1850)
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			

†Manufacturer's estimate

N/A = Not Available

ⓄAffected by sulfur content of the fuel

*With Folded Rollbar

MODEL		TK4030V	TK4050	TK4050M	TK4060
Track & Dimensions					
Platform Type - Rollbar		Iso mounted, straddle platform			
Track					
Track Type		Heavy Duty Dry Track	Heavy Duty Dry Track	Heavy Duty Lubricated Track	Super 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	Super Heavy Duty Lubricated Track Chain	N/A
Option 2	in. (mm)	N/A	N/A	17.7 (450)	N/A
Track Type		N/A	N/A	SmartTrax® Super Heavy Duty Lubricated Track Chain	SmartTrax® Super Heavy Duty Lubricated Track Chain
Option 3	in. (mm)	N/A	N/A	17.7 (450)	17.7 (450)
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
Track Option 3	in. (mm)	N/A	N/A	65.2 (1656)	65.2 (1656)
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
Track Option 3	in. (mm)	N/A	N/A	68.9 (1750)	68.9 (1750)
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)
Height to Top of Cab	in. (mm)	N/A	76.5 (1943)	76.5 (1943)	76.5 (1943)

†Manufacturer's estimate

N/A = Not Available

⊗Affected by sulfur content of the fuel

*With Folded Rollbar





VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers. You might call that instinct, but we call it fieldSMART™.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

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.