

T3F Tractor

T3.75F



The new lightweight compact tractor for professional fruit growers

New Holland has a long tradition of excellence and consolidated leadership in the production of specialised orchard tractors. Designed and built to meet the needs of professional fruit growers seeking a compact machine offering exceptional performance in the power range of 72hp, the new T3F series tractors can move with ease between rows, offering excellent performance for spraying, cultivation and road transport.

In addition, these machines continue the New Holland tradition of ergonomic excellence, by providing the operator with a comfortable working environment with simple and intuitive controls. In the field of compact orchard tractors, there's only space for New Holland between your rows.

Powerful and Compact

Powered by lively three-cylinder turbocharged and inter-cooled engines, with the flagship T3.75F model producing 72hp, the T3F offers unrivalled performance in a compact package.

Specialist Versatility

Few specialist tractors can match the all-round versatility of a T3F tractor. Light weight and compact dimensions give this tractor the edge when working in confined spaces such as orchards and vineyards.

Productive Comfort

Class leading ergonomics define this tractor. Ensuring operators are comfortable during long working days was a top design priority, and is apparent from the thoughtfully laid out controls.

Hydraulic Superiority

The T3F is well equipped in terms of hydraulics, boasting a lift capacity of 2277kg, and a separate pump for hydraulics and for steering. The user friendly Lift-O-Matic™ system makes rear linkage operation quick and simple.

Summary

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The last word in ergonomics and operator comfort.

The suspended platform of the new T3F machines assures perfect noise and vibration isolation, and supports an operator environment featuring unbeatable comfort, ergonomics and ease of use. From the generously sized adjustable seat the operator enjoys perfect visibility on all sides of the machine and a clear view of the implements. All controls are positioned logically and within easy reach. The clear and intuitive instrument panel provides key information concerning the main operating parameters at a glance. The practical shuttle lever allows smooth direction changes. Everything is designed to reduce fatigue, maximise workrates and boost productivity. Typically New Holland.



Controls right where you need them

Nearly all major control levers are positioned on the right hand side of the cab platform. The gearstick is mounted conveniently and within easy reach, to make the most efficient use of space, the hydraulic levers are cleverly positioned on the right hand fender for a clutter free operator environment.



Advanced Design

A concealed muffler and air intake ensure unobstructed visibility over the sloping bonnet. The ROPS frame can also be folded down completely to eliminate any forward visibility impairment, with clear benefits in orchards and vineyards, where rounded profiles are needed to reduce the risk of crop damage.

Another novel feature of these tractors are the suspended foot pedals, which allow for easier operation and clutter free footwells.

Clean performance. Responsive productivity.

The new T3F is equipped with FPT Industrial S8000 turbocharged and intercooled engines with rated power of 72hp at 2300rpm. These tough and well proven power units demonstrate impressive performance, delivering peak torque at low rpm, while being simple and cost effective to maintain.

Compact and responsive, these primarily mechanical 2.9 litres, 3-cylinder engines are in compliance with Tier 3A emissions legislation, produce low noise and vibration levels, and provide excellent fuel economy.





Smooth direction change

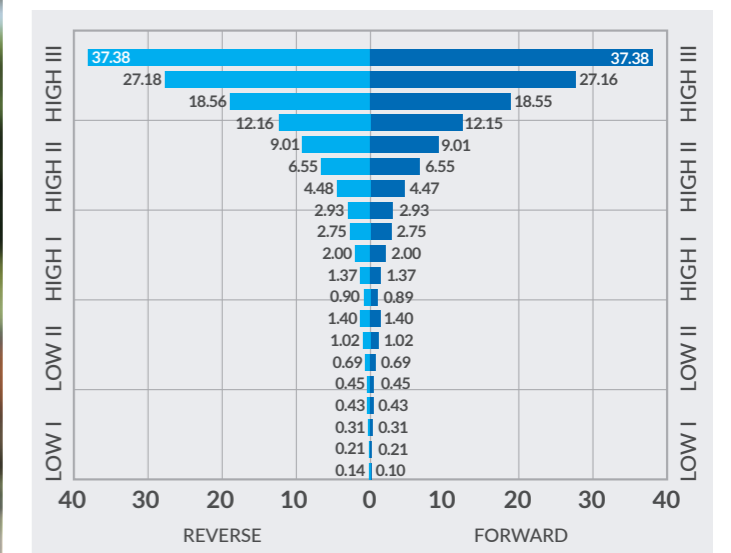
The Synchro Shuttle™ system makes direction changes fast and easy without using the gear shift. The operator just uses the dedicated shuttle lever and clutch. The result? Seamless direction changes, better comfort and more productivity.



Flexible transmissions for every need

The result of a painstaking study into customers' needs, the Synchro Shuttle™ transmission is available in 12x12 versions at up to 30 or 40kph and 20x20 up to 40kph with creeper. Thanks to the inching speeds of the creeper, the new T3F can proceed at just 0.10kph, ideal, for example, for specialist planting applications. For intensive PTO applications, forward speeds as low as 0.2kph can be achieved.

-  **12x12** Synchro Shuttle™ (30 kph)
-  **12x12** Synchro Shuttle™ (40 kph)
-  **20x20** Synchro Shuttle™ (optional Creeper/30 kph)
-  **20x20** Synchro Shuttle™ (optional Creeper/40 kph)



Extended Operation

The New Holland T3F tractor is designed for efficiency and endurance in demanding agricultural environments. Thanks to its generous 50-litre fuel tank, combined with impressively low fuel consumption, the T3F can operate for extended periods without the need for frequent refuelling. This allows operators to focus on productivity and complete tasks more efficiently, whether working in orchards, vineyards, or other specialised applications. The balance of fuel capacity and engine efficiency ensures reliable, uninterrupted performance throughout long working days.

Optimising Traction

The T3F is equipped as standard with electro-hydraulic engagement of four-wheel drive and locking of the rear differential. The front axle benefits from a limited slip differential lock, while the rear axle's final planetary gears are housed internally within the bell housing, a modern design concept for increased strength and durability.

Compact dimensions, exceptional features, premium performance.

Lighter and shorter than the award winning specialised T4 F/N/V series tractors, the new T3F is on a par with their "big brothers" in terms of features. Hydraulic rear hitch lift capacity of 2277kg and Lift-O-Matic™ system supplied as standard. Two separate pumps for the hydraulic circuit and steering. Up to 3 remote valves. Servo-assisted PTO with up to 3 speeds.

Turn tighter for greater productivity

New Holland tractors are recognised as offering class-leading manoeuvrability, and the T3F series is no exception. Thanks to the wheelbase of 186cm the tractor can offer a turn radius as low as 3.4m.



Mechanical hydraulics with the Lift-O-Matic™ System

The mechanically operated hydraulic hitch, specifically designed for the slim profile of the T3F, is equipped with with an impressive 2277kg lifting capacity. The Lift-O-Matic™ system is standard and enables an implement to be raised and lowered to its previous setting using a single control on the right-hand console. Quick attach couplings serve to simplify the implement attachment process.



Wide choice of PTO speeds

T3F tractors are equipped as standard with two PTO speeds: 540 and 540E. A 3-speed version; 540, 540E and proportional groundspeed is available as an option. The speed selector is located on the console. PTO engagement is controlled by a servo-assisted lever that reduces the operating pressure required to engage the clutch, making it a simple task to manually modulate power fed to the implement.



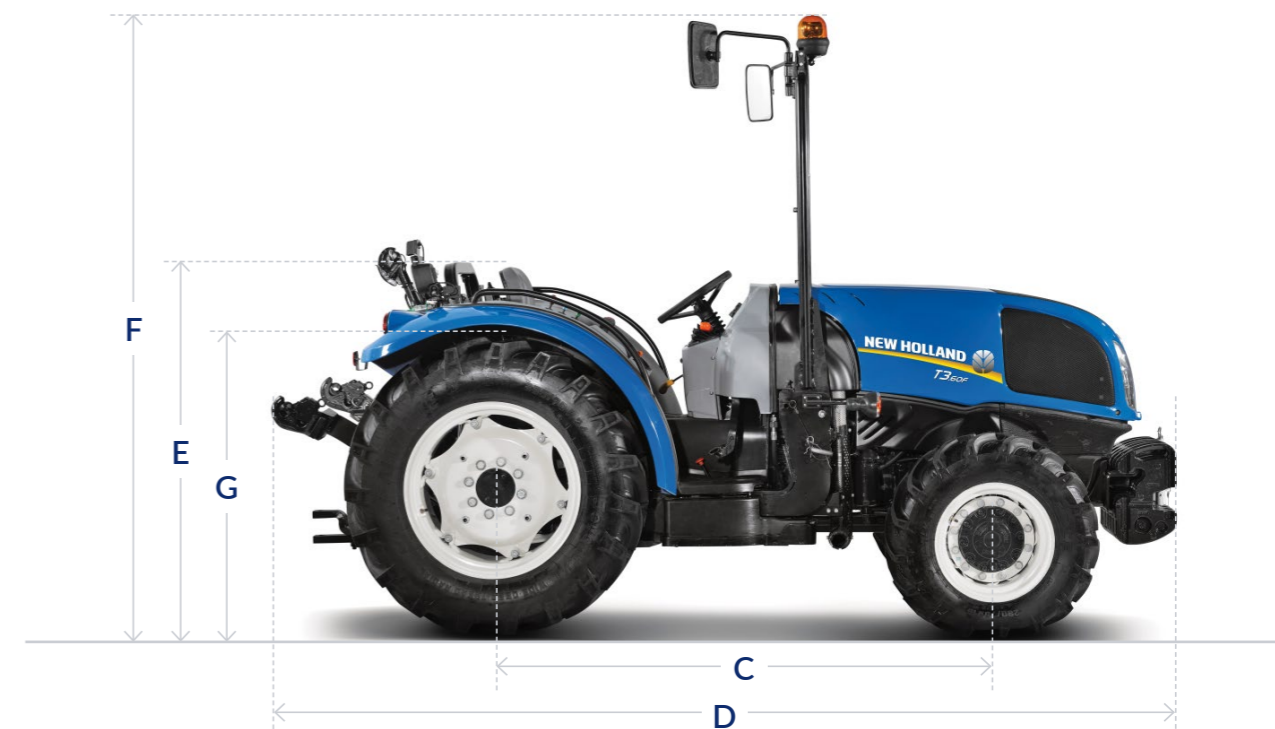
Hydraulic power for every need

T3F tractors are equipped as standard with a 52l/min hydraulic pump. The tractors also feature a second independent 32l/min steering pump so the main pump will always deliver its full capacity regardless of the load on the steering circuit. All models can be specified with up to 3 remote hydraulic valves.

Models	T3.75F
New Holland engine*	
N. of cylinders / Valves	3 / 2
Emissions level	Tier 3/Stage 3A
Capacity (cm3)	2930
Air Intake	TCA
Intercooler	●
Rated engine power ISO TR14396 - ECE R120 [kW/hp(CV)]	53/72
Rated engine speed (rpm)	2300
Max. torque - ISO TR14396 (Nm)	295 @ 1400rpm
Torque rise (%)	34.1
Horizontal exhaust	●
EGR system for internal exhaust gas recirculation	●
Cooling	Liquid
Optimal fuel consumption (g/kWh)	235
Standard diesel tank capacity (Litres)	50
Transmission	
Rear electro hydraulic diff. lock	●
Oil immersed braking system	●
12x12 30kph - Mech Shuttle	●
Minimum speed (without creeper) (kph)	0.73
20x20 (12x12 creeper version) 30kph - Mech Shuttle	○
Minimum speed (with creeper) (kph)	0.10
12x12 40kph- Mech Shuttle	○
Minimum speed (without creeper) (kph)	0.89
20x20 (12x12 creeper version) 40kph - Mech Shuttle	○
Minimum speed (with creeper) (kph)	0.12
Front axle	
4WD Front axle	●
Turn radius 4WD front axle (mm)	3400
Limited slip differential locking	●
Axle oscillation (°)	11
Hydraulics	
Standard pump flow (Lpm)	52
Steering pump (Lpm)	32
Mechanical draft control (MDC)	●
Lift-O-Matic™ system	●
Max lift capacity at ball ends with arms horizontal (kg)	2277
Rear linkage category I e II with quick attach couplers	●
Max. number of rear remote valves	3 (6 couplers)
PTO	
Servo-assisted engagement	●
Ground speed	○
540 / 540E rpm	●
Operator environment	
Suspended platform (with mid mounted foldable ROPS)	○
Weights	
Total weight (kg)	2200

● Standard ○ Optional * Engine S8000 Series

Dimensions	T3.75F
Rear tyres (min. - max.)	320/70R20 - 360/70R24
Front tyres (min. - max.)	200/70R16 - 280/70R16
A Front axle ground clearance (mm)	215
Ground clearance (with 200/70R16 - 320/70R20 tyres) (mm)	235
B Overall width (min. - max.) (mm)	1350 - 1710
C Wheelbase (mm)	1863
D Length (mm)	3438
E Steering wheel height (mm)	1235
F Overall height (mm)	2246
G Seat height (mm)	995





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The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get in touch with your local New Holland dealer for any further information. Published by New Holland Brand Communications. BTS Adv. - Printed in Australia 0526 - 26NHTRACTORT3FB