

T3.50F



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, the T3.50F tractor can move with ease between rows, offering excellent performance for spraying, cultivation and road transport. In addition, this machine provides 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.





The last word in ergonomics

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. Everything is designed to reduce fatigue, maximise workrates and boost productivity. Typically New Holland.



Clean performance. Responsive productivity.

The T3.50F tractor is equipped with FPT Industrial S8000, 2,9 litres 3-cylinder turbocharged and intercooled engine with rated power of 50hp at 2300rpm. This tough and well proven power unit demonstrates impressive performance, delivering peak torque at low rpm, while being simple and providing excellent fuel economy.



A wide choice of efficient transmissions

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. The T3F can proceed at just 0.10kph. For intensive PTO applications, forward speeds as low as 0.2kph can be achieved. The Synchro Shuttle™ system also makes direction changes fast and easy without using the gear shift. The operator just uses the dedicated shuttle lever and clutch.



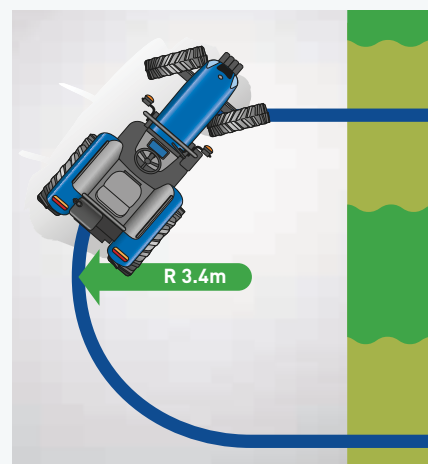
Mechanical hydraulics with the Lift-O-Matic™ system

The mechanically operated hydraulic hitch, specifically designed for the T3F series, is equipped with two external hydraulic rams to combine the slim profile 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

All T3F models 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.



Turn tighter for greater productivity

New Holland tractors are recognised as offering class-leading manoeuvrability. And the T3.50F tractor is no exception. Thanks to the wheelbase of 186cm the tractor can offer a turn radius as low as 3.4m.

SPECIFICATIONS

Models

T3.50F

New Holland Engine		S8000 Series
N. of cylinders / Valves / Capacity	[cm³]	3 / 2 / 2930
Emissions level		Tier 3 / Stage 3A
Air Intake		TCA
Intercooler		●
Approved biodiesel blend		B100
Rated engine power ISO TR14396 - ECE R120	[kW/hp(CV)]	36.8/50
Rated engine speed	(rpm)	2300
Max. torque - ISO TR14396	(Nm)	201 @ 1400rpm
Torque rise	(%)	29.7%
Horizontal exhaust		●
EGR system for internal exhaust gas recirculation		●
Cooling		Liquid
Optimal fuel consumption	(g/kWh)	237
Standard diesel tank capacity	(Litres)	50
Transmission		
Rear electro hydraulic diff. lock		●
Oil immersed braking system		●
12x12 30 kph- Mech Shuttle		●
Minimum speed (without creeper)	(kph)	0.73
20x20 (12x12 creeper version) 30 kph- Mech Shuttle		○
Minimum speed (with creeper)	(kph)	0.10
12x12 40 kph- Mech Shuttle		○
Minimum speed (without creeper)	(kph)	0.89
20x20 (12x12 creeper version) 40 kph- 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		●
Independent steering pump [32lpm]		●
Axle oscillation	(°)	11
Hydraulic system		
Standard pump flow	(Lpm)	52
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]
Flow control		○
PTO		
Servo-assisted engagement		●
Ground speed		○
540 / 540E rpm		●
Operator environment		
Suspended platform (with mid mounted foldable ROPS)		●
Weights*		
Total weight	(kg)	2200
Dimensions*		
Rear tyres: min. - max.		320/70R20 - 360/70R24
Front tyres: min. - max.		200/70R16 - 280/70R16
Front axle ground clearance	(mm)	215
Overall width: min. / max.	(mm)	1350 / 1710
Wheelbase	(mm)	1863
Length	(mm)	3438
Steering wheel height	(mm)	1235
Overall height	(mm)	2246
Seat height	(mm)	995

● Standard ○ Optional * with 200/70R16 - 320/70R20 tyres



www.newholland.com/uk
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For more details, ask your New Holland dealer!

Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call 01 2421881 and this will be charged at your standard network rate.

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 apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in Italy - 01/19 - (Turin) - 180011/INB