

# T3F RANGE

T3.60F | T3.70F | T3.80F



# The updated compact and narrow orchard 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 from 55 to 75hp, the new T3F series tractors can move with ease between rows, offering excellent performance for cultivation, material handling 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 T3.80F model producing 75hp, the T3F tractor series 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 Upgraded Comfort

Class leading ergonomics define this tractor. Ensuring operators comfort 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, aided by two external lift rams, and separate pump for hydraulics and for steering. The user friendly Lift-O-Matic™ system makes lift operation much easier, always.

# Spacious platform, ergonomic operation.

The new T3F series of tractors are designed to deliver performance, efficiency and comfort to reduce fatigue while boosting productivity. Specially designed operator platforms deliver the ergonomic control layout expected by all operators and the T3F is no exception. All controls have been specifically positioned so that they can be easily reached. A mid mounted ROPS frame can be folded down on gas struts allowing unrestricted access to low buildings or through low doorways.

Major control levers and buttons are located in an ergonomic position on the front or right hand side console. Reduced tunnel width, better positioned foot throttle, gear lever and handbrake combined with reduced trim and new seat with extra front and rear travel offers a capacious operator platform.

## Optimising traction

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



## Mechanical Draft Control and Lift-O-Matic™ system

The mechanically operated hydraulic lift is equipped with two externally mounted hydraulic rams combining the slim profile with an impressive 2277kg on T3F of 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, making repetitive operations quick and easy. Optional quick attach link arms make the fitting and removal of implements fast and effortless.



## Wide choice of PTO speeds

T3F series is equipped with a two speed PTO with 540 and 540E as standard. A three speed PTO option is available which includes 540, 540E and ground speed PTO. Servo assisted PTO engagement with a lever located below the steering wheel and PTO speed selection controlled with a lever located on left of the operator are very easy and the PTO engagement can be modulated by the operator reducing the chances of stalling the tractor if a high inertia implement is fitted.



# Clean performance. Responsive productivity.

Again, New Holland has provided environment friendly engines packed with the latest technology and innovations. As the leader of orchard farming tractors, the new T3F series has three models powered by FPT Industrial's S8000 engine. This 2.9 litre, 3 cylinder engine is equipped with the latest Common Rail fuel injection technology, which is turbocharged and intercooled to deliver the power and performance expected of a New Holland tractor. Fully complaint to Stage V emission regulations, thanks to an optimised combustion profile with EGR (Exhaust Gas Recirculation) and DOC (Diesel Oxidation Catalyst) technology. While it does not require AdBlue, this system is naturally compact in design allowing the after treatment system to be located between the engine and the ROPS frame protecting it from branches. Clean and efficient combustion allows the class leading 600 hour oil change interval on these engines.

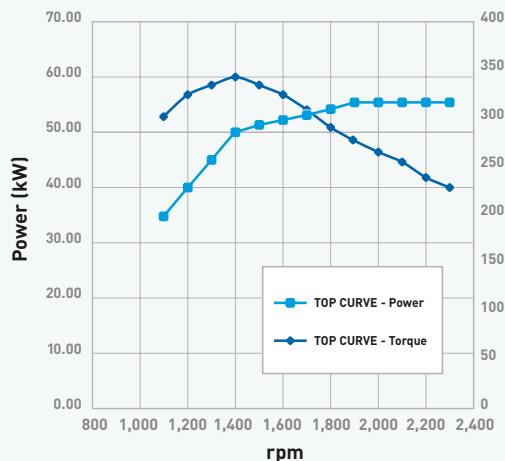
At the heart of the T3F, fuel economy and efficiency lies. The engine's maximum power of up to 75hp is delivered at 1900rpm, and this peak power is maintained until it reaches 2300rpm. This flat engine power profile is of particular benefit for PTO and transport applications due to the flexibility where peak power is delivered. Additionally, when the tractor experiences additional load, the 49% of torque rise from the 75hp engine ensures that the tractor will continue to work in tougher conditions. All of these characteristics provide overall fuel and maintenance fee savings and reduce cost of ownership.

## Top Torque Achieved

New Stage V engines on T3.80F delivers maximum torque of 341 Nm at 1400rpm engine speed and delivers a massive 49% of torque rise to tackle all extreme conditions with ease.



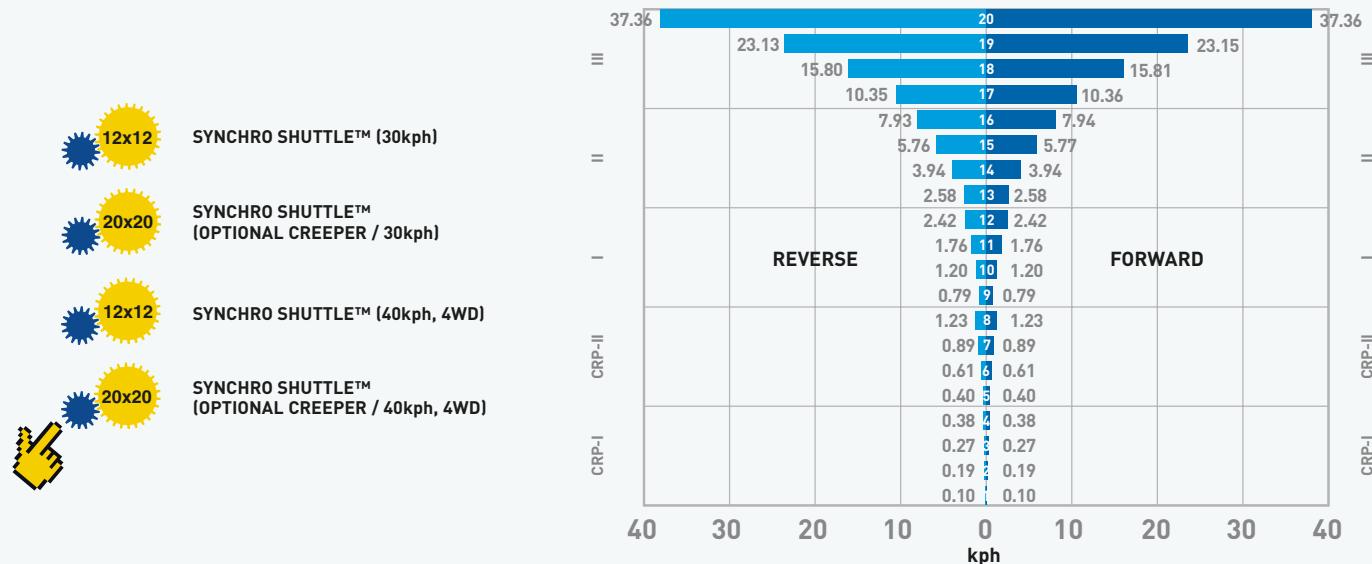
Sustainable Efficient Technology



# A wide choice of efficient transmissions.

The T3F offers various transmission options to suit all farmers with different requirements.

The 12x12 synchro shuttle transmission is offered as a simple and durable mechanical transmission and is a well-known feature of other New Holland tractor lines which have a maximum speed of 40kph. The T3F tractors also come equipped with 4WD as standard and an optional creeper speed which can reduce forward speed to 100 metres per hour, a benefit for intensive PTO applications.



## Smooth direction change

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



## Robust Front Axle

The 4WD is standard on T3F models. A 4WD version of the T3F offers increased axle capacity and more traction in the field.

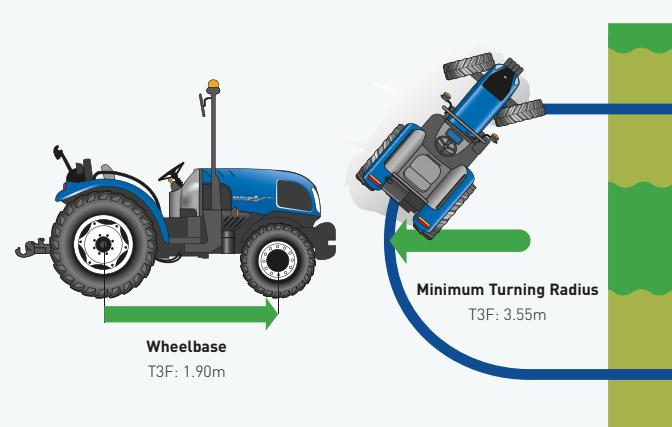
# New Holland T3F range: different solutions for specific needs.

T3F series provide different solutions depending on your needs. The T3F is your daily narrow orchard tractor through its narrow track and tight turning radius, it is the tractor of choice in any orchard.



## Hydraulic power on demand

The new T3F tractor is equipped with a 52l/min hydraulic pump as standard. An additional and independent steering pump is fitted allowing uninterrupted oil flow to the implement regardless of steering demand. All models can be fitted with up to 3 sets of rear hydraulic connections with the option of oil flow control. Growers looking for more features on a simple tractor can also fit hydraulic front lift with optional front PTO easily on T3F series as an aftersales solution.



## Turn tighter for greater productivity

New Holland tractors are recognised as offering class-leading manoeuvrability. The T3F is no exception.

**Models**

Models	T3.60F	T3.70F	T3.80F
<b>Engine</b>	<b>FPT Industrial S8000 Series</b>		
N. of cylinders / Valves		3 / 4	
Capacity	[cm <sup>3</sup> ]	2930	
Emissions level		Stage V	
After Treatment System (ATS)		EGR+DOC+DPF (Less AdBlue-Urea)	
Max. engine power (UNECE Regulation N. 120)	[kW/hp(CV)]	41/56	48/65
Rated engine speed	[rpm]	2300	55/75
Max. torque - ISO TR14396	[Nm]	258 @ 1400rpm	291 @ 1400rpm
Torque rise	[%]	52	46
Air Intake		Turbo Charged Aftercooler (TCA)	
Intercooler		●	
Horizontal exhaust		●	
Standard diesel tank capacity	[l]	42	
<b>Transmission</b>			
<b>12x12 30kph Synchro Shuttle™</b>		○	
<b>12x12 40kph Synchro Shuttle™</b>		○	
<b>Creeper 20x20 Synchro Shuttle™</b>		○	
Minimum speed (with creeper)	[kph]	0.10	
Rear electro-hydraulic differential lock		●	
Oil immersed braking system		●	
<b>Front Axle</b>			
4WD Front axle		●	
Electro-hydraulic 4WD activation		●	
Limited slip differential locking		●	
Independent steering pump (32l/min)		●	
Turning radius 4WD front axle	[m]	3.55	
<b>Hydraulic system</b>			
Maximum hydraulic pump flow	[l/min]	52	
Mechanical draft control (MDC)		●	
Lift-O-Matic™ system		●	
Max. lift capacity at ball ends with arms horizontal	[kg]	2277	
Rear linkage category I / II		●	
Quick attach linkage ends		○	
Max. number of rear remote valves		3 (6 couplers)	
Flow control		○	
<b>PTO</b>			
Servo-assisted engagement		●	
2 speed, 540 / 540E rpm		●	
Engine speed @ 540 / 540E	[rpm]	1958 / 1592	
Ground speed PTO		○	
<b>Operator platform</b>			
ISO mounted suspended platform		●	
Mid mounted foldable ROPS		●	
Operator seat with mechanical suspension		●	

● Standard   ○ Optional   - Not available

**Models**

Models	T3.60F	T3.70F	T3.80F
<b>Dimensions</b>			
Front tires: min. / max.		200/70R16 / 280/70R16	
Rear tires: min. / max.		320/70R20 / 360/70R24	
<b>A</b> Ground clearance under front axle	[mm]	228	
<b>B</b> Overall width max.	[mm]	1710	
<b>C</b> Wheelbase	[mm]	1905	
<b>D</b> Length	[mm]	3690	
<b>E</b> Steering wheel height	[mm]	1286	
<b>F</b> Height from mid of rear axle to top of ROPS	[mm]	1785	
<b>G</b> Seat height	[mm]	964	
<b>Weights*</b>			
Total shipping weight	[kg]	2200	
Max. permissible weight	[kg]	4200	

\* T3F with 200/70R16 - 320/70R20 tires

# New Holland Top Service: customer support and customer information.



## Top Availability

If you need information, or have an out of hours question, ring our toll-free number\*. All day, every day, we are just a call away.

## Top Speed

Express parts delivery: when you need it, where you need it!

## Top Priority

Fast-track solution during the season: because your harvest can't wait!

## Top Satisfaction

We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



### 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.

AT YOUR OWN DEALER



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