

T3F & T3LP Series

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



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.

The new low profile, wide orchard tractor for greenhouses and small farms.

New Holland, the leader in speciality tractor design has provided a new low profile tractor, delivering power and performance that meets the needs of citrus fruit to olive growers. T3LP series delivers the latest technology and innovations by providing a low profile tractor with high performance and top end efficiency. Available in 3 models with a power range from 55 to 75hp, the T3LP is more than equipped to handle any task thrown at it. It has strived to provide an ergonomic and comfortable working environment by positioning all main controls either side of the seat and right hand fender, making the T3LP a pleasure to operate. Engineered to fulfill every farmer's needs, it's low centre of gravity delivers exceptional stability on hilly terrain while providing excellent ground clearance allowing it to operate in all conditions with ease. The T3LP is wide but low stature, is well-matched for citrus to dry fruit farms, due to its unobstructed ability to travel under branches or between wide rows. This low profile design is also suited for greenhouse and poultry applications with its ability to enter under low doors and provides exceptional lift capacity thanks to its newly designed rear lifts and ease of use with efficient powershuttle transmission.



Low Profile Applications

The new T3LP brings the all-round versatility expected of a low profile tractor. Applications where limited headroom can be expected, this makes the T3LP the tractor of choice for greenhouses and poultry farms. Longer wheelbase and wider axles provide extraordinary stability on hilly terrain, ensuring that all tasks on dry fruit and orchard farms are completed without any fuss.

Powerful and Efficient

Powered by the FPT Industrial three-cylinder, turbocharged and inter-cooled engine delivers up to 75hp of exceptional performance in the range topping T3.80LP. Clean and efficient engines which meets Stage V emission standards are designed to deliver more torque while offering extended service intervals of 600 hours.

Absolute Driving Pleasure

The new T3LP delivers style while providing the best in operator's comfort. All controls are ergonomically positioned to provide a tractor that is an absolute pleasure to drive. Hydraulic powershuttle enabling direction changes without pressing clutch, and all operative controls positioned ergonomically, provide a tractor that is an absolute please to operate.

Strong Performance

Making sure you have a tractor that is able to do any job is important, the new T3LP comes with a new rear lift, boosting its lifting capacity up to 2800kg. On top of that, it's a perfect fit for light loader activities thanks to it's rugged design and high load capacity front axle.

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 & T3LP series both have 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 compliant 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.

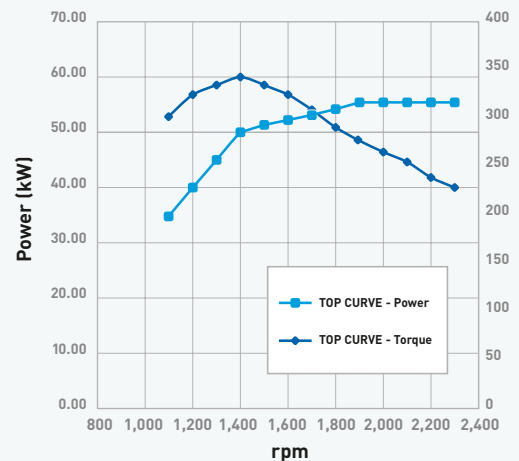
At the heart of the T3F & T3LP, fuel economy and efficiency lies. The engine's maximum power of up to 75hp is delivered at 1900rpm, and this peak power is maintained until it reaches 2300rpm. This flat engine power profile is of particular benefit for PTO and transport applications due to the flexibility 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 & T3.80LP 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









FPT
POWERTRAIN TECHNOLOGIES

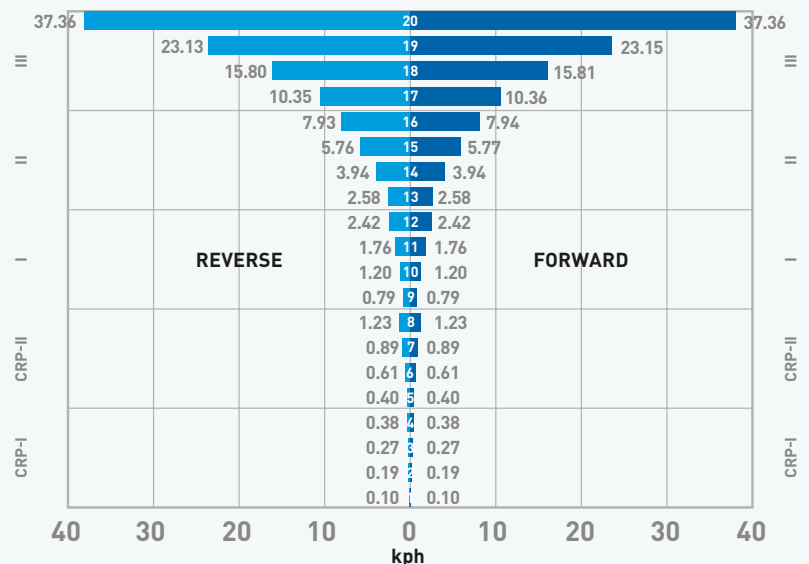
A wide choice of efficient transmissions.

Both T3F & T3LP series offer different transmission options to suit all farmers with different requirements.

A 12x12 Synchro Shuttle™ is offered as a simple & durable mechanical transmission, well known from other New Holland series of tractors. Achieving 30kph maximum speed if specified with a 2WD front axle which is only available on the T3LP. 40kph is achievable if specified with 4WD which is available on both series of tractors. Both T3F & T3LP have a creeper speed option which can reduce forward speed to 100 meters per hour, a benefit for intensive PTO applications such as branch shredding.

Hydraulic Powershuttle with 12x12 speed or with creeper configurations is also available on T3LP models only. With this new Powershuttle transmission, operators are able to change direction faster and effortlessly, without pressing the clutch pedal. This ensures a smoother and efficient daily operation, especially when working with a front loader or in confined workspaces where manoeuvring is required.

-  **12x12 SYNCHRO SHUTTLE™ (30kph)**
-  **20x20 SYNCHRO SHUTTLE™ (OPTIONAL CREEPER / 30kph)**
-  **12x12 SYNCHRO SHUTTLE™ (40kph, 4WD)**
-  **20x20 SYNCHRO SHUTTLE™ (OPTIONAL CREEPER / 40kph, 4WD)**
-  **12x12 POWERSHUTTLE (40kph, 4WD)**
-  **20x20 POWERSHUTTLE (OPTIONAL CREEPER / 40kph, 4WD)**



Smooth direction change

The Powershuttle system makes direction changes fast and easy without using the gear lever. The operator just uses the dedicated hydraulic shuttle lever without using the clutch pedal, for quicker, effortless shuttling.



Robust Front Axle

The new T3LP series can be fitted with a 2WD front axle while 4WD is standard on T3F models. Thanks to the 2WD axle available on the T3LP, transport and field operations requiring tight turns is easily achieved. While a 4WD version on both T3F & T3LP offer increased axle capacity and more traction in the field.

Spacious platform, ergonomic operation.

The new T3F & T3LP 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 & T3LP 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.

T3F PLATFORM



T3LP PLATFORM





New net storage



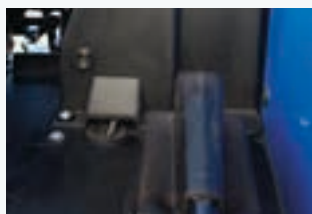
New instrument cluster



Rear worklight



PTO switch button for safety first



8A socket



Mid mounted ROPS with gas strut specialised for orchard farming

Two memorised engine speeds
(Engine rpm management)

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 axle 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 and 2800kg on T3LP 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

Both series of tractors are 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.

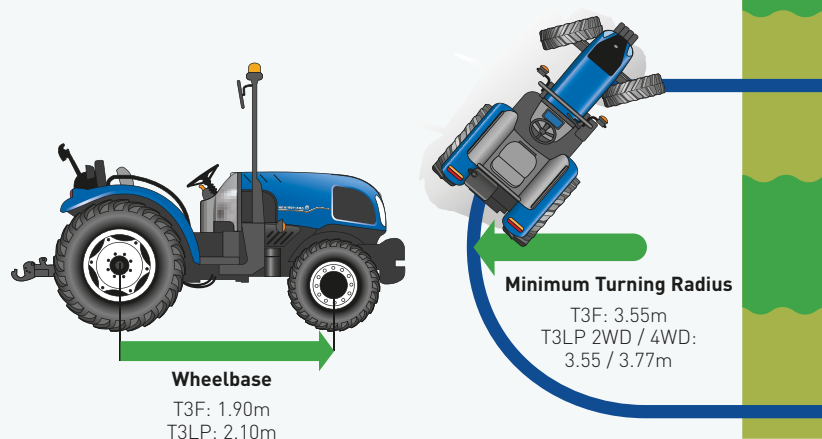
New Holland T3 range: different solutions for specific needs.

Both series are constructed using the similar engine and transmission but both tractors 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. If you have the need for increased stability on hilly terrain, then look no further than the T3LP, its wider tracks and low profile design offers additional stability. Besides, the T3LP is suitable in other applications such as greenhouses to poultry houses where access may be restricted or for extended front loader application with its new Powershuttle transmission.



Turn tighter for greater productivity

New Holland tractors are recognised as offering class-leading manoeuvrability. And the T3F & T3LP are no exception.



T3F (left) on 24" and T3LP (right) on 28" rear tires



Hydraulic power on demand

The new T3F & T3LP tractors are 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 & T3LP series as an aftersales solution.

Models	T3.60F	T3.70F	T3.80F	T3.60LP	T3.70LP	T3.80LP
Engine	FPT Industrial S8000 Series					
N. of cylinders / Valves	3 / 4					
Capacity (cm³)	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	55/75	41/56	48/65	55/75
Rated engine speed (rpm)	2300					
Max. torque - ISO TR14396 (Nm)	258 @ 1400rpm	291 @ 1400rpm	341 @ 1400rpm	258 @ 1400rpm	291 @ 1400rpm	341 @ 1400rpm
Torque rise (%)	52	46	49	52	46	49
Air Intake	Turbo Charged Aftercooler (TCA)					
Intercooler	●					
Horizontal exhaust	●					
Standard diesel tank capacity (l)	42			63		
Transmission						
12x12 30kph Synchro Shuttle™	○			○		
12x12 40kph Synchro Shuttle™	○			○		
Creeper 20x20 40 kph Synchro Shuttle™	○			○		
12x12 40kph Powershuttle	-			○		
Creeper 20x20 40kph Powershuttle	-			○		
Minimum speed (with creeper) (kph)	0.10			0.10		
Rear electro-hydraulic differential lock	●					
Oil immersed braking system	●					
Front Axle						
2WD Front axle	-			○		
4WD Front axle	●			○		
Electro-hydraulic 4WD activation	●					
Limited slip differential locking	●					
Independent steering pump (32l/min)	●					
Turning radius 2WD / 4WD front axle (m)	- / 3.55			3.55 / 3.77		
Hydraulic system						
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			2800		
Rear linkage category I / II	●					
Quick attach linkage ends	○					
Max. number of rear remote valves	3 (6 couplers)					
Flow control	○					
PTO						
Servo-assisted engagement	●					
2 speed, 540 / 540E rpm	●					
Engine speed @ 540 / 540E (rpm)	1958 / 1592					
Ground speed PTO	○					
Operator platform						
ISO mounted suspended platform	●			-		
Mid mounted foldable ROPS	●					
Operator seat with mechanical suspension	●					

● Standard ○ Optional - Not available

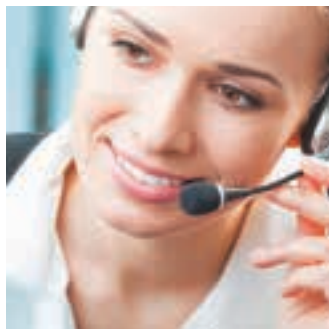
**Models**

T3.60F | **T3.70F** | **T3.80F** | **T3.60LP** | **T3.70LP** | **T3.80LP**

DIMENSIONS			
Front tires: min. / max.		200/70R16 / 280/70R16	260/70R16 / 280/70R18
Rear tires: min. / max.		320/70R20 / 360/70R24	340/85R24 / 380/70R28
A Ground clearance under front axle	(mm)	228	307
B Overall width max.	(mm)	1710	1852
C Wheelbase	(mm)	1905	2104
D Length	(mm)	3690	3840
E Steering wheel height	(mm)	1286	1437
F Height from mid of rear axle to top of ROPS	(mm)	1785	1785
G Seat height	(mm)	964	964
Weights*			
Total shipping weight	(kg)	2200	2800
Max. permissible weight	(kg)	4200	4600

* T3F with 200/70R16 - 320/70R20 tires, T3LP with 280/70R18 - 380/70R28 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!



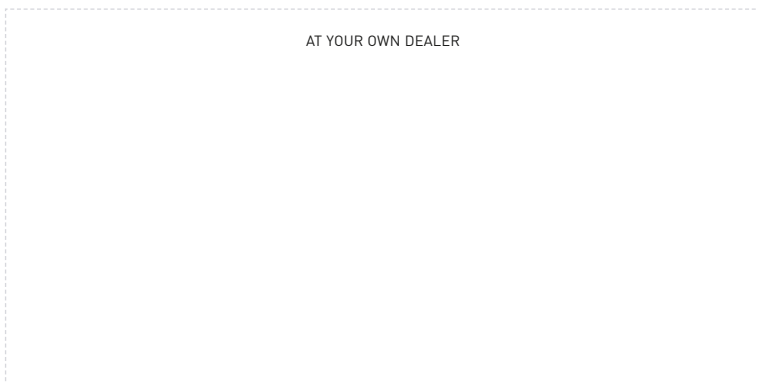
Top Satisfaction

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.



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