

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 has also a background on the low profile tractor segment since many years with its T4000 series & TD4F models. Again the key design parameter of the new T3LP is being a low profile tractor for orchards and small farms. Engineered for perfect match to farmers' needs. It has low center of gravity while keeping enough ground clearance to tackle with bumpy fields easily. Thanks to its dimensions, the new T3LP is best match for citrus and dry fruits like almond, pistachio and nuts growers requiring under branch or between wider row operations. New Holland T3LP is also a good solution for greenhouse farming with its ability to enter below low doors and high lifting capacity thanks to newly designed rear lift structure.



Powerful and efficient

FPT Industrial's Stage V emissionized three-cylinder turbocharged and inter-cooled engines generating up to 75hp offers unrivalled performance in a low profile package.

Low Profile Applications

Only the new T3LP has the all-round versatility of low profile tractor. Long wheelbase and wider axle and track settings on T3LP make it tailor made choice for greenhouses, dry fruit orchards and poultry and like farms.

Style and Ergonomy

The latest New Holland design and the best operator comfort are meeting on the new T3LP. All controls and top comfort operator's seat are positioned ergonomically to operate with less fatigue and safely.

Strong Handling

The new T3LP series has a new rear lift design to keep the tractor low and offers up to 2800kg rear lift capacity with the external cylinders. On top of that, it's a perfect fit for light loader activities thanks to rugged design & high load capacity of front axle.

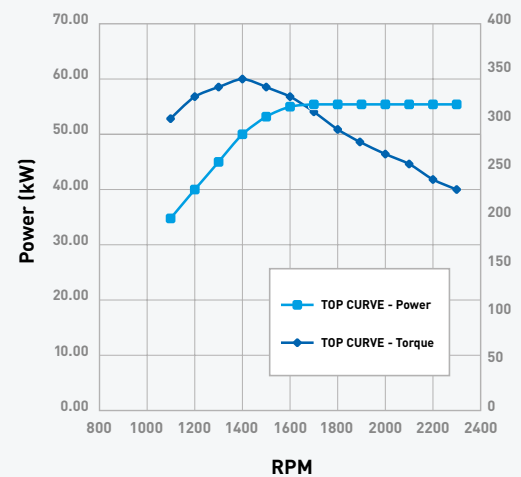
Clean performance. Responsive productivity.

New Holland offers again latest technology, environment friendly engines as the leader of the orchard farming. The new T3F and T3LP series has three models with FPT Industrial's Common Rail fuel injection system. 3 cylinder 2.9 liters turbocharged and intercooled engines to comply with the Stage V emission regulations which requires less PM (particulate matter) release to environment. This level is achieved thanks to combustion optimization and EGR (Exhaust Gas Recirculation) plus DOC (Diesel Oxidation Catalyst) technology while it does not require any DEF (Urea). In order to keep the compactness of the tractors and to protect from branches the ATS has been located on the left hand side of the tractor between the engine and ROPS arch. Clean and efficient combustion allows the class leading 600 hour oil change interval on these engines.

At the heart of the T3F & T3LP engines, fuel economy and efficiency lies. The maximum power of up to 75hp is now achieved at 1900rpm, and this peak values is maintained until the engine rated speed of 2300rpm. This helps during field work, as maximum power is generated at lower engine speed, to make fuel savings and lowering the running costs. This flat curve profile of power generation also enhances operating flexibility, especially during transport applications.

Top Torque Achieved

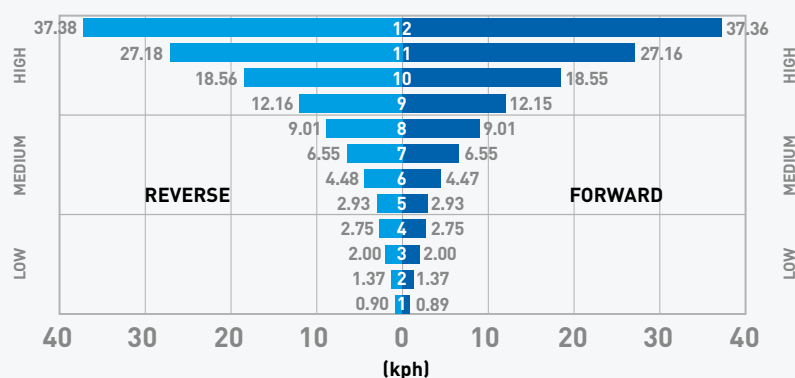
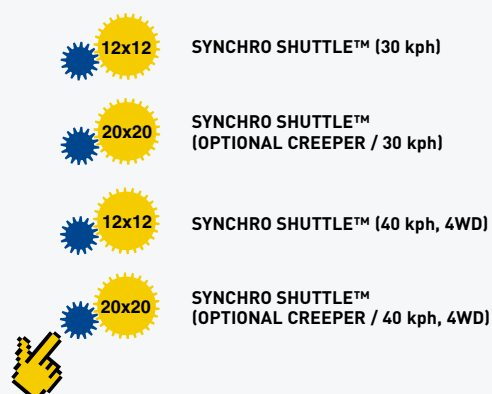
New Stage V engines on T3F & T3LP delivers maximum torque of 341 Nm at 1400rpm engine speed on the 75hp models and it has 49% torque backup to tackle all extreme conditions easily.



A wide choice of efficient transmissions.

Key role of the driveline on the tractor is to transfer power generated by engine to the wheels and to the ground in an efficient way. On new T3F & T3LP series, simple & durable transmission does its work perfectly.

Both series offer different transmission options for farmers with different needs; 12x12 Synchro Shuttle™ is offered as simple & durable mechanical transmission well known from other New Holland series with 30 kph max speed on 2WD front axle, available only on T3LP, or 40 kph on 4WD version on both series. Both T3F and T3LP have a creeper speed option to reduce the forward speed to 100 meters per hour for intensive PTO applications like branch shredders.



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.



Robust Front Axle

The new T3LP series has two wheel drive front axle version while four wheel drive is standard on T3F models. Thanks to the 2WD version on T3LP, transport operations and field operations requiring tight turns are much easy and efficient while 4WD version on both series offer more axle capacity and more traction in the field.

Exceptional features, easy control, top class performance.

The new T3F and T3LP series come with the correct specifications and options to satisfy farmers needs in its segment. Hydraulic rear lift system with two external rams enables lift capacities up to 2277kg on T3F and 2800kg on T3LP series. Proven Lift-O-Matic™ system is standard on both tractor series. Two separate pumps for the hydraulic circuit and steering is a common feature on all New Holland tractors as well as T3F and T3LP. 2 sets or optional 3 sets of rear hydraulic connections allow enough flow to the implement together with optional flow control feature. Both series have servo assisted two speed rear power take off 540 and 540E as standard while the ground speed is an option for precise operations like below soil fertilizing or seeding.



Mechanical Draft Control and Lift-O-Matic™ system

The mechanically operated hydraulic lift is equipped with two external hydraulic rams to combine the slim profile with an impressive 2277kg on T3F and 2800kg on T3LP 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. Optional quick attach couplers serve to simplify the implement attachment process.



Wide choice of PTO speeds

Both series 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 left hand side of the operator seat. 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. A safety button to control PTO deactivation is also available on the front console.

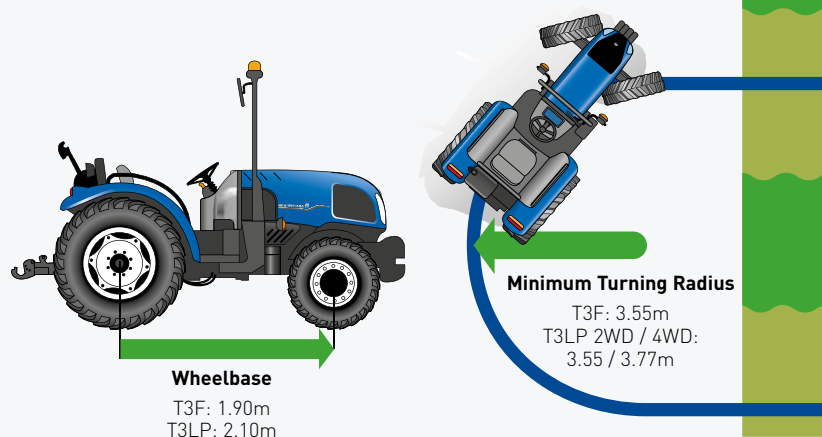


Hydraulic power for every need

The new T3F and T3LP are equipped as standard with a hydraulic pump delivering maximum 52 liters per minute. The tractors also feature a secondary 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 with optional flow control. More on new series are, a clean view from rear of the tractor and easy access to all necessary connections.

Turn tighter for greater productivity

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



Spacious platform, ergonomic operation

All 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.





New net storage



New instrument cluster



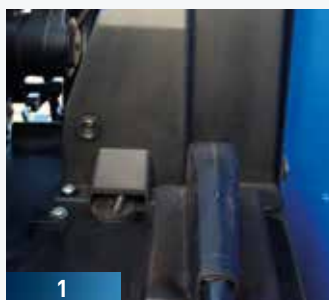
Rear worklight



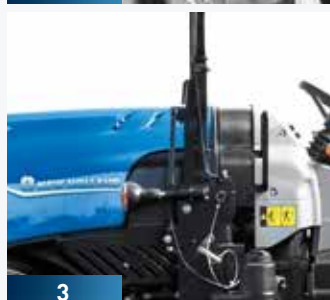
Two memorized engine speed, «Engine rpm management», feature available on both series. It matches required PTO speed and offers effective PTO work.



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



- 1) 8A socket
- 2) PTO switch button for safety first
- 3) Mid mounted ROPS with gas strut specialized for orchard farming



Optimising traction

All 4WD models are equipped as standard with electro-hydraulic engagement of four-wheel drive and locking of the front and rear differentials. The front axle benefits from a limited slip differential lock, while the rear axles final planetary gears are housed internally within the bell housing, a modern design concept for increased strength and durability.

New Holland T3 Range: different solutions for specific needs.

Both series are constructed on common engine, transmission but specialized for different applications in your yard. T3F is for daily narrow orchard work with a lot of time spend on PTO work while maneuverability is the key. However, the new T3LP is the best match for greenhouses and small farms like poultry houses as well as wide dry fruit orchards and olives when low profile and extra track width are welcomed.



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 DEF-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 Synchro Shuttle		○			○		
Minimum speed (with creeper)	(kph)	0.10			0.10		
Rear electro hydraulic diff. lock		●					
Oil immersed braking system		●					
Front Axle							
2WD Front axle		-			○		
4WD Front axle		●			○		
Electro hydraulic 4WD activation		●					
Limited slip differential locking		●					
Independent steering pump (32lpm)		●					
Turning radius 2WD / 4WD front axle	(m)	- / 3.55			3.55 / 3.77		
Hydraulic system							
Maximum Hydraulic Pump Flow	(lpm)	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**

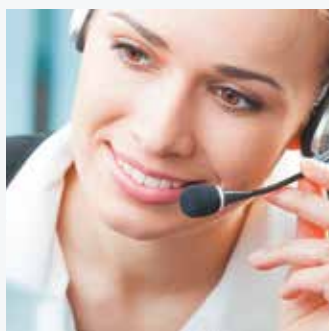
Front tyres: min./ max.		200/70R16 - 280/70R16	260/70R16 - 280/70R18
Rear tyres: min./ max.		320/70R20 - 360/70R24	340/85R24 - 380/70R28
A Ground clearance under front axle	(mm)	228	307
B Overall width max.	(mm)	1710	1852
C Wheelbase	(mm)	1905	2104
D Length	(mm)	3690	3840
E Steering wheel height	(mm)	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 tyres, T3LP with 280/70R18 - 380/70R28 tyres

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!



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* 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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