

# TT3.50-TT3.45 TRACTORS





## TT3: COMPACT, POWERFUL PERFORMANCE

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The TT3 tractor range has been designed following extensive customer consultation, feedback, and input. Put simply, you could say the TT3 has been designed by farmers, for farmers. Characterized by smart design, rugged and robust construction, and efficient power, the TT3.50 simply delivers.

In order to meet the requirements of today's demanding operators, the two new model, delivering 47- 50 horsepower offers modern styling, outstanding operator comfort, unsurpassed performance in its segment as well as the value and versatility customers have come to expect of New Holland.

### **New Holland styling**

Key New Holland styling cues have been integrated into the new TT3 range. New Holland's iconic cat eye lights make it instantly recognisable as a New Holland tractor, as well as ensuring a bright a wide spread of light when working late into the night. The single piece hood can be easily opened for convenient access for routine maintenance.





**Outstanding comfort**

The redesigned seat features integrated suspension and extra cushioning for ultimate comfort. When working on the most uneven ground, such as when working on cultivated soils, the undulations are counteracted for a smoother ride. The optional armrest further enhances day-long comfort. All key controls have been positioned so they fall natural to hand for productive ergonomic operation and the semi-flat platform offers more space and greater day-long operator comfort.

**Impressive performance**

The productive three-cylinder, 2.9 litre (S8000) FPT designed diesel engine packs a larger displacement and delivers greater power & efficiency enables you to complete the most demanding tasks with ease, especially those which are more commonly associated with more powerful machines. The mechanical PTO delivers robust and reliable performance and the high capacity hydraulics make for quick cycle times when working with a loader, front blade or near instantaneous direction changes. Furthermore, the large capacity fuel tank mean that you can work even longer before filling up.

**Versatility and value**

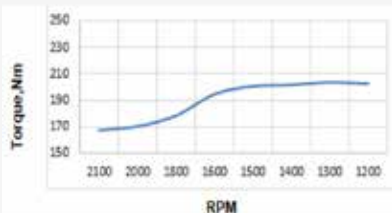
New Holland knows that you want your tractor to carry out as many tasks on your farm as possible. That is why versatility is in the TT3's DNA. A whole host of options including both two- and four-wheel drive and 8x2 and 8x8 Synchro Shuttle™ mechanical shuttle transmissions mean you can specify your TT3 to suit your requirements. A three-point linkage, extended servicing intervals and easy maintenance complete the package.



## READY FOR PRODUCTION

### Powerful productivity

The TT3.50 is powered by a three-cylinder, 2.9 litre direct fuel injection engine, which ensures responsive performance and outstanding fuel efficiency. The powerplant delivers 50 hp and its torque curve has been designed to match the most common operating profiles, meaning you can get power the ground even more efficiently.



### Simple maintenance

The mechanical direct injection fuel pump is easy to service for minimal down-time. The powerful and efficient pre-air filter cleaner extracts dirt and other particles from the air before it enters the air filter, extending the life of the filter. An icon on the instrument cluster display alerts the operators when the filter needs cleaning.







### Reliable transmissions

The TT3 range enables you to select the transmission which best suits your requirements. The standard 8x2 mechanical transmission offers eight forward and two reverse gears, ideal for the majority of in-field applications. The optional 8x8 mechanical Synchro Shuttle™ transmission offers a further 6 reverse gears, perfect when undertaking extensive loader, front blade, puddling activities or specialised applications.

### Column mounted shuttle lever

The 8x8 Synchro Shuttle™ transmission features a column mounted shuttle lever which makes it even easier to engage forward and reverse drive.



### Ergonomic gear shifting

The gearshift levers are conveniently located to the side, which means it is even easier to change gear.



## A RANGE OF PTO OPTIONS

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Farming is characterised by versatility, and the requirement to carry out a wide range of different operations. As such, the TT3 range of tractors can be specified with a variety of different PTO options

- The 540 PTO comes as standard
- The optional 540/540E offering is ideal for operations carrying out extensive PTO applications. 540E mode is achieved at 30% lower engine speed, which reduces fuel consumption as well as engine noise. This is ideal when operating pumps.
- The reverse speed PTO is designed for use when the tractor is stationary. It is also very useful when clearing blockages, such as those in rotavator, thresher, avoiding the need for manual intervention.

All options are coupled with an independent PTO clutch, which means that the PTO is engaged and disengaged via a specific lever, increasing clutch life and safety.





### High performance hydraulics

The hydraulic system uses an engine-driven dual pump design with independent circuits for the power steering and hydraulic remotes. This enables you to steer and operate the implement at the same time with no loss in performance. Up to Two rear hydraulic remotes are optional. Furthermore, the 38 litres/minute of flow means that power hungry implements can be operated with ease.



### High capacity rear linkage

The category I/II rear linkage has a capacity of up to 1,800kg. New Holland's renowned draft control system also comes as standard. An intuitive system, it uses draft control levers and a raise and lower control system to assist with uniform operation in the field, ideal when ploughing.

### Lift-O-Matic™ technology

In order to facilitate in-field productivity, especially during headland turns, the Lift-O-Matic system enables an implement to be raised or lowered to a pre-set position at the touch of a button.



## COMFORTABLE OPERATOR AREA



### Ultimate comfort

The operator platform has been completely redesigned to offer outstanding day-long comfort, even when working in the harshest conditions. Following extensive customer consultation, their real-world input ensures that the operator station meets the requirements of today's most demanding users.

### Are you sitting comfortably?

The answer will be a resounding yes. The new wider and more comfortable seat can now be adjusted depending on the height and weight of the operator for even greater comfort. The integrated suspension system has been specifically designed to absorb shocks, significantly reducing operator fatigue. An optional armrest and seatbelt will further enhance comfort.

### Integrated bottle holder

A bottle holder has been integrated at the rear of the operator's seat, meaning they can stay refreshed during long working days.







### Mobile charger

Forgot your mobile phone to charge, no issue, you have 12V mobile charging point available on your TT3.range, so your phone doesn't run out of power, whenever, you are in field or on road. This ultimately can mean fewer dropped calls and less embarrassment due to a phone's dead battery and of course you are always connected to your love one's/ family

### Spacious operator platform

The space available on the operator's platform has been optimised and now offers a light and airy environment. All of the most frequently used controls have been positioned so they fall naturally to hand in an ergonomic layout. The gearshift and range shift lever, hand throttle, shuttle leaver, draft control lever, PTO clutch lever are all neatly positioned. This redesign also means that operators have increased leg room.

### ROPS and Canopy Options

The TT3 range can be specified with either a traditional ROPS or new canopy option. Speakers and a music system can be installed in the canopy version.

### Bright lights for dark nights

New Holland's iconic cat eye lights have been integrated into the new TT3 range. Fitted with halogen lamps, these lights are not only more efficient than previous models, but also provide a broader spread of light, ideal when working late at night or early in the morning.



## HEAVY DUTY AXLE PERFORMANCE

### Robust rear axles

The heavy duty straight rear axle is perfectly at home in the field or on the road. Moreover, the rear axle features wet braking and OIBD (Oil Immersed Disc Brake) technology, with a larger braked surface area, meaning more efficient and safer stopping performance.

### Nimble turning performance

A turning radius as low as 2.9 metres (Sealed Portal Axle 4WD) can be achieved, making light work of headland turns in even the smallest and tightest fields.

### Special rice configuration

The new short turn sealed axle (Portal) has been designed with rice cultivation in mind. The new sealed design, when employed in conjunction with the high lug tyres makes it the perfect package for paddy fields.



## EASY MAINTENANCE ACCESS

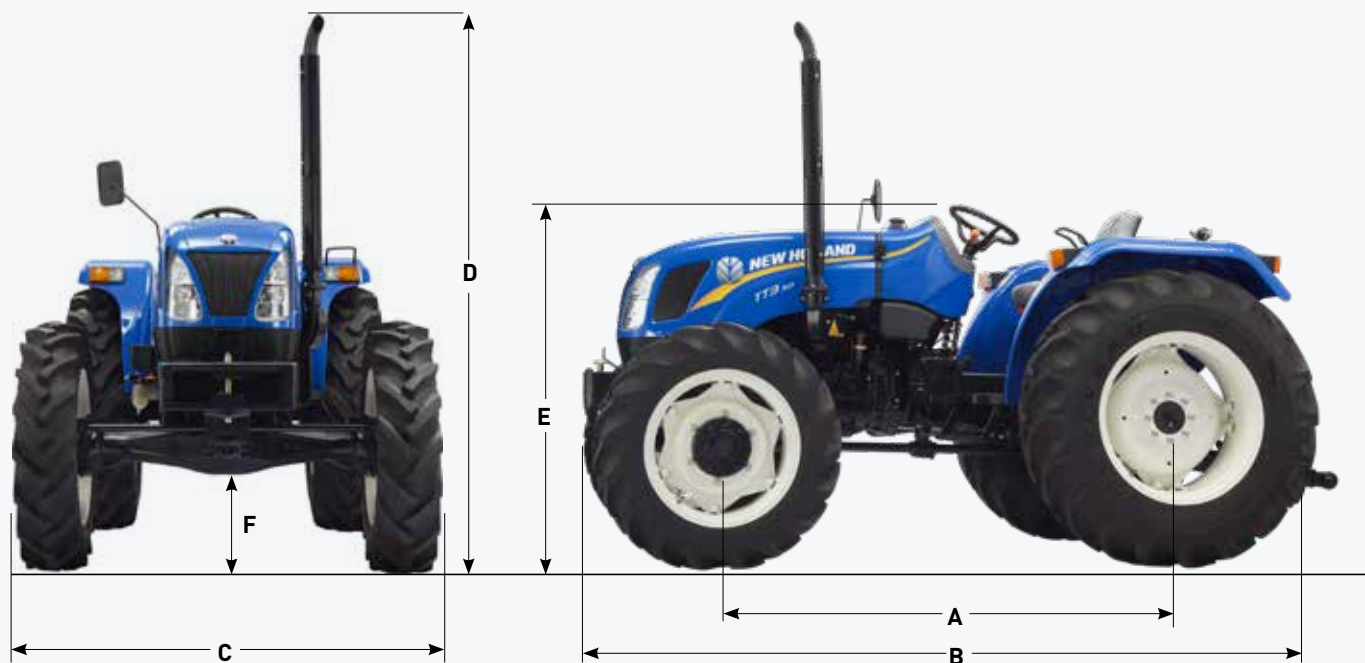
The TT3 range of tractors has been designed to facilitate routine maintenance. All service points are readily accessible from the ground.

- Single piece hood opens wide for easy daily maintenance
- Bonnet enhances security
- The air filter can be checked, removed for cleaning, or replaced without tools
- Engine and transmission oil levels can be checked without using tools
- Integrated toolbox is ideally positioned to easy access



MODELS	TT3.45	TT3.50
<b>Engine</b>		
Model	S 8000	S 8000
Make	FPT	FPT
No. cylinders / aspiration / valves / emission level	3/NA/2/Tier2	3/NA/2/Tier2
Capacity (Litres)	2,9	2,9
Max hp (kW/hp)	35.8/47.9	37.6/50.5
Net advertised power @ 2100 rpm (kW/hp)	35.1 / 47	36.9 / 49.5
PTO power at rated speed (kW/hp)	31.7 / 43	33.6 / 45
Max. torque @ 1300 +/- erpm (Nm)	190 @ 1300	205 @ 1300
Fuel tank capacity (L)	60	60
<b>Transmission &amp; Clutch</b>		
Double clutch	●	●
8x2 Mechanical constantmesh	●	●
8x8 Mechanical Synchro Shuttle transmission	○	○
Minimum speed / Maximum road speed (kph)	2.62 / 32.36	2.75 / 33.95
<b>Front Axles</b>		
2WD front axle	●	●
4WD front axle	○	○
Turning radius 2WD (mm) (with brakes / wo brakes)	3200 / 3520	3200 / 3520
Turning radius 4WD Portal (mm) (with brakes / wo brakes)	2900 / 4025	2900 / 4025
Turning radius 4WD Std (mm) (with brakes / wo brakes)	3670 / 5225	3670 / 5225
<b>Rear Axle</b>		
Planetary reduction final drive	●	●
Differential lock (Mechanically engaged)	●	●
Oil immersed multidisc braking system	●	●
<b>Hydraulics</b>		
Main pump flow / pump pressure (Lpm / Bar)	38 / 210	38 / 210
Independent steering pump flow / pump pressure (Lpm / Bar)	24 / 210	24 / 210
Rear remote valves ( Max. number) - Option	2	2
<b>Linkage</b>		
Category	I-II	I-II
Lift capacity @ ball ends (kg)	1800	1800
Maximum lift capacity at 610 mm behind ball ends (kg)	1440	1440
<b>PTO</b>		
Independent rear PTO	●	●
Rear PTO (Std)	540	540
Rear PTO (Opt)	540E	540E
Stationary Reverse PTO (Std)	●	●
Rear PTO engine speed at 540rpm (rpm)	2016	2016
Rear PTO engine speed at 540Erpm (rpm)	1590	1590
<b>Operator environment</b>		
Operator seat with mechanical suspension on inclined plane	●	●
Semi Flat deck operator area	●	●
Deluxe opertaor seat with arm rest and operator seat belt	○	○
Frame and Canopy	○	○
Two post fixed ROPS with canopy	○	○
<b>Electricals</b>		
Battery 88 Ah	●	●
Battery 100 Ah	○	○
Alternator rating (Amp) (Amp)	55	55
<b>Tyres</b>		
Front		
6.0x16 2WD	○	○
6.5x16 2WD	○	○
7.50x16 2WD	●	●
8.0x18 Ag -Portal axle	○	○
8.0x18 High lug -Portal axle	○	○
9.5x24 Ag - Std. axle	NA	●
9.5x24 Ag - High lug (R1) Std. axle	NA	○
8.3x20 Ag - Portal axle	NA	○
8.3x20 High lug (R1)- Portal axle	NA	○
8.3x24 Ag - Std axle	●	NA
8.3x24 Ag - High lug(R1)- Std. axle	○	NA
Rear		
14.9x28 Ag	NA	●
14.9x28 High lug (R1)	NA	○
13.6x28 Ag	●	○
13.6x28 High lug (R1)	○	○

## DIMENSIONS



## MODELS

### TT3.45

### TT3.50

Dimensions		TT3.45	TT3.50
A Wheelbase 2WD / 4WD	(mm)	2040	2040
B Overall length 2WD/4WD w/FWC	(mm)	3480	3480
B Overall length 2WD/4WD include front weight	(mm)	3735	3735
C Overall width	(mm)	1700	1720
D Height to top of exhaust 2WD / 4WD	(mm)	2388/2407	2388/2415
E Height to top of steering wheel 2WD / 4WD	(mm)	1612	1642
F Ground clearance under Front axle -Std 4WD	(mm)	360	385
F Ground clearance under Front axle -Portal 4WD	(mm)	360	385
Height to top of ROPS 2WD / 4WD	(mm)	2475	2505
Height to top of Canopy with ROPS 2WD / 4WD	(mm)	2665	2665
Height to top of Canopy with Frame Structure 2WD / 4WD	(mm)	2490	2490
Weight (Standard Ballast) 2WD/4WD Portal (kg)	(kg)	1980 / 2140	1980 / 2140
Weight (Standard Ballast) 4WD - Std axle (kg)	(kg)	2200	2200

AT YOUR OWN DEALER



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Send us an e-mail: [international@newholland.com](mailto:international@newholland.com)



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