

TT3 Series

TT3.35 | TT3.40 | TT3.50



TT3: COMPACT, POWERFUL PERFORMANCE

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 simply delivers.

In order to meet the requirements of today's demanding operators, the three new models, delivering 35-50 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 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, 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 range is powered by a three-cylinder, 2.9 litre direct fuel injection engine, which ensures responsive performance and outstanding fuel efficiency. The powerplant delivers 35-50 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



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 29 litres/minute on TT3.35/ TT3.40 and 38 litres/minute on TT3.50 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 1,800 kg. 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.

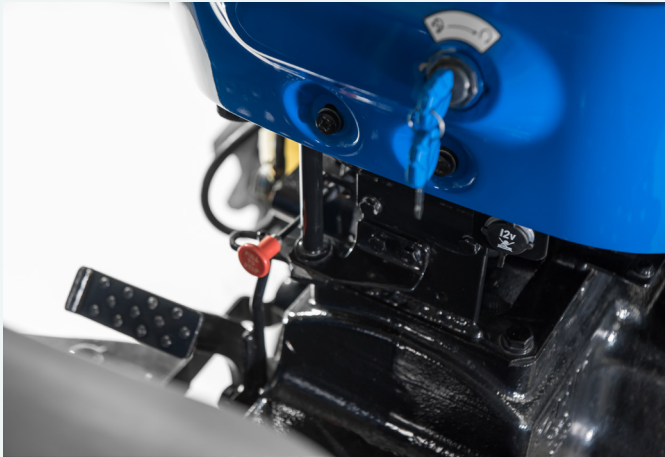
Are you sitting comfortably?

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 TT3range, 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

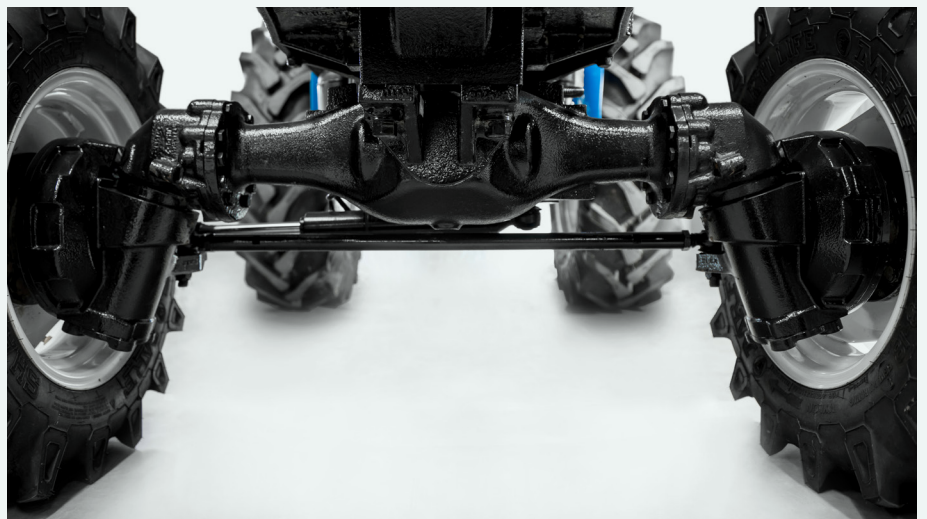
The heavy duty straight rear axle is perfectly at home in the field or on the road. Moreover, the rear axle features wet braking and OIDB (Oil Immersed Disc Brake) technology, with a larger braked surface area, meaning more efficient and safer stopping performance.

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

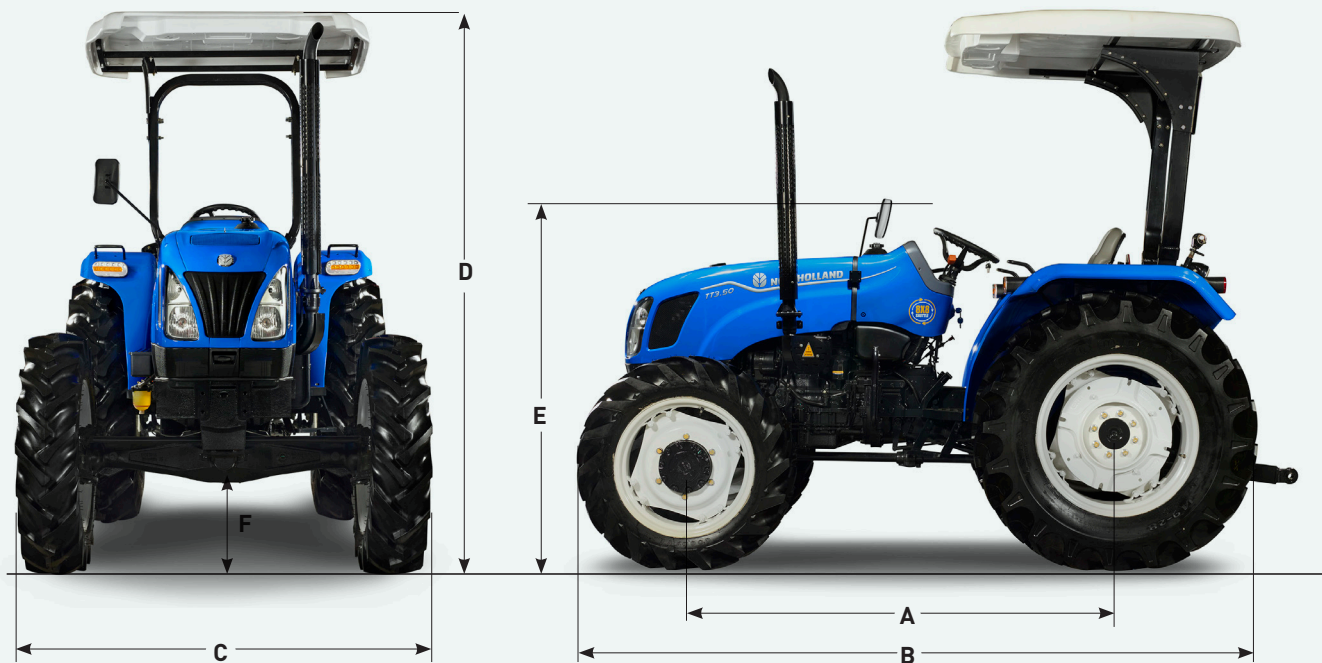
The TT3 range of tractors has been designed to facilitate routine maintenance. All service points are readily accessible from the ground.

- 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	TT3.35	TT3.40	TT3.50
Engine			
Make	Simpson	Simpson	FPT
No. cylinders / aspiration / valves / emission level	3 / NA / 2 / Tier 2	3 / NA / 2 / Tier 2	3 / NA / 2 / Tier 2
Capacity (Litres)	2.4	2.5	2.9
Max hp (kW / hp)	26.85 / 36	31.33 / 42	37.6 / 50.5
Net advertised power @ rated 2000 erpm 35 / 40 hp & @ rated 2100 erpm 50 hp (kW / hp)	26.85 / 35	31.33 / 42	36.9 / 49.5
PTO power at rated speed (kW / hp)	24.3 / 33	28 / 37.5	33.6 / 45
Max. torque (Nm)	137.3 @ 1200 +/- 200	166 @ 1200 +/- 200	205 @ 1300
Fuel tank capacity (L)	60	60	60
Transmission & Clutch			
Double clutch	●	●	●
8x2 Mechanical constantmesh	●	●	●
8x8 Mechanical Synchro Shuttle transmission	○	○	○
Minimum speed / Maximum road speed (kph)	2.54 / 28.16	2.23 / 30.81	2.75 / 33.95
Front Axles			
4WD front axle	●	●	●
Turning radius 4WD Portal (mm) [with brakes / wo brakes]	2790 / 3920	2790 / 3920	2790 / 3920
Turning radius 4WD Std (mm) [with brakes / wo brakes]	3730 / 5120	3730 / 5120	3670 / 5225
Rear Axle			
Planetary reduction final drive	●	●	●
Differential lock [Mechanically engaged]	●	●	●
Oil immersed multidisc braking system	●	●	●
Hydraulics			
Main pump flow / pump pressure (Lpm / Bar)	29 / 210	29 / 120	38 / 210
Independent steering pump flow / pump pressure (Lpm / Bar)	23 / 210	23 / 210	24 / 210
Rear remote valves (Max. number) - Option	2	2	2
Linkage			
Category	I-II	I-II	I-II
Lift capacity @ ball ends (kg)	1800	1800	1800
Maximum lift capacity at 610 mm behind ball ends (kg)	1440	1440	1440
PTO			
Double Clutch & Independent PTO clutch lever	●	●	●
Rear PTO (Std)	540	540	540
Rear PTO (Opt)	540E	540E	540E
Stationary Reverse PTO (Std)	●	●	●
Engine speed at 540 PTO (rpm)	2016	2016	2016
Engine speed at 540 E PTO (rpm)	1590	1590	1590
Operator environment			
Operator seat with mechanical suspension	●	●	●
Semi Flat deck operator area	●	●	●
Deluxe operator seat with arm rest and operator seat belt	○	○	○
Frame and Canopy	○	○	○
Two post fixed ROPS with canopy	○	○	○
Electricals			
Battery 75 Ah	●	○	NA
Battery 88 Ah	○	○	●
Battery 100 Ah	NA	NA	○
Mobile charging socket (V)	12	12	12
Alternator rating (Amp)	36	36	55
Tyres			
Front 4WD			
8.0x18 Ag -Portal axle	●	●	○
8.0x18 High lug -Portal axle	○	○	○
9.5x24 Ag - Std. axle	NA	NA	●
9.5x24 Ag - High lug (R1) Std. axle	NA	NA	○
8.3x20 Ag - Portal axle	NA	NA	○
8.3x20 High lug (R1)- Portal axle	NA	NA	○
8.3x24 Ag - Std axle	●	●	NA
8.3x24 Ag - High lug(R1)- Std. axle	○	○	NA
Rear			
14.9x28 Ag	NA	NA	●
14.9x28 High lug (R1)	NA	NA	○
13.6x28 Ag	●	●	○
13.6x28 High lug (R1)	○	○	○

● Standard ○ Optional NA-Not Available

DIMENSIONS



MODELS

TT3.35

TT3.40

TT3.50

Dimensions		TT3.35	TT3.40	TT3.50
A Wheelbase 2WD / 4WD	(mm)	1990	1990	2040
B Overall length 2WD / 4WD w / FWC	(mm)	3473	3473	3480
B Overall length 2WD / 4WD include front weight	(mm)	3728	3728	3735
C Overall width	(mm)	1700	1700	1720
D Height to top of exhaust 4WD	(mm)	2293	2293	2407
E Height to top of steering wheel 2WD / 4WD	(mm)	1612	1612	1642
F Ground clearance under Front axle -Std 4WD	(mm)	360	360	385
F Ground clearance under Front axle -Portal 4WD	(mm)	360	360	385
Height to top of ROPS 2WD / 4WD	(mm)	2475	2475	2505
Height to top of Canopy with ROPS 2WD / 4WD	(mm)	2635	2635	2665
Weight [Standard Ballast] 2WD / 4WD Portal	(kg)	1872 / 2020	1872 / 2020	1980 / 2165
Weight [Standard Ballast] 4WD - Std axle	(kg)	2040	2040	2200

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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.
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New Holland prefers **AMBRA** lubricants