

TT3 TRACTOR RANGE

TT3.35, TT3.40, TT3.45, 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. Characterised 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 four-model TT3 range, delivering 36 – 49 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, 2.7 litre diesel engine packs a punch and 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, 2.7 litre direct fuel injection engine, which ensures responsive performance and outstanding fuel efficiency. The powerplant delivers between 36 – 49 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 standard ground speed PTO is perfect for when uniform implement and tractor speed are required
- 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 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.

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 lever, draft control lever, PTO clutch lever are all neatly positioned. This redesign also means that operators have increased leg room.





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

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.

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

On top of the current industrial axle, 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 tool box is ideally positioned to easy access

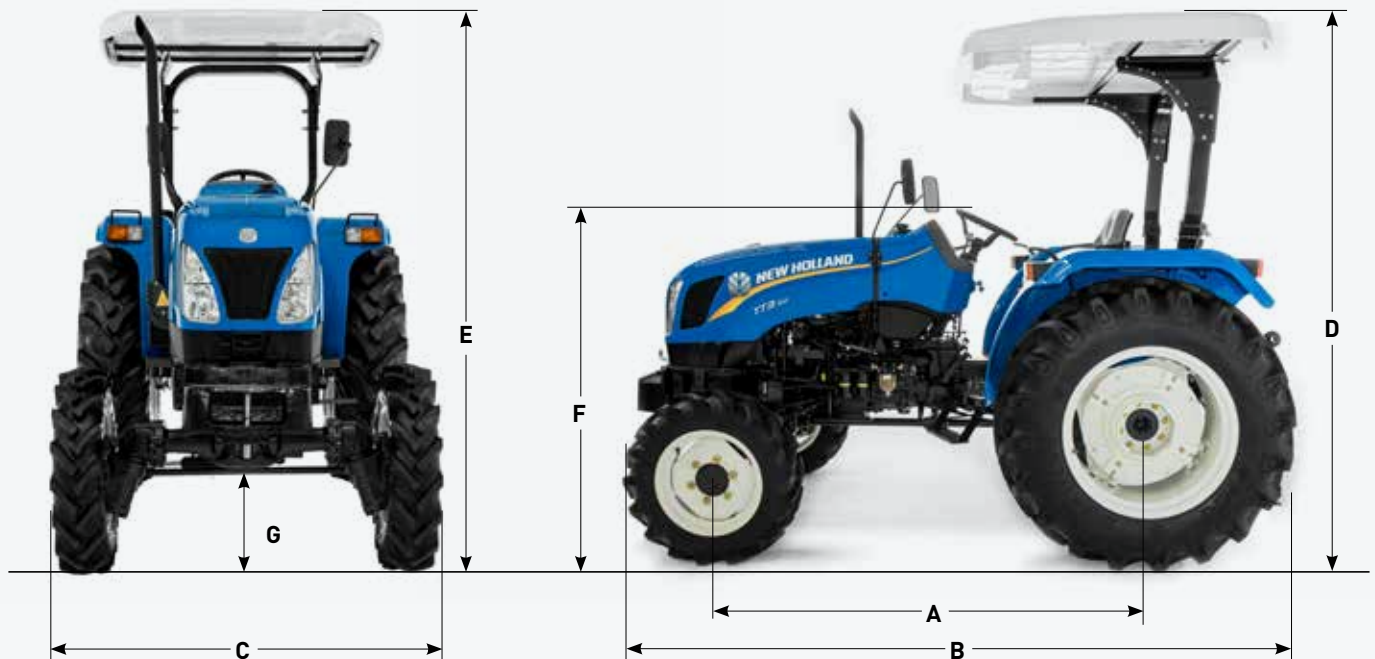


SPECIFICATIONS

MODELS		TT3.35	TT3.40	TT3.45	TT3.50
Engine					
No. cylinders / aspiration / valves / emission level		3/NA/2/Tier2	3/NA/2/Tier2	3/NA/2/Tier2	3/NA/2/Tier2
Capacity	(Litres)	2,4	2,5	2,5	2,7
Net advertised power	(kW/hp)	26.85 / 36	28.72 / 39	31.32 / 42	36.6/49
PTO power at rated speed	(kW/hp)	24.3 / 32.58	26 / 34.85	28 / 37.53	31.6/42.4
Max. torque @ 1400 +/- erpm	(Nm)	142 @ 1400 +/- 100	152 @ 1300 +/- 100	165.79 @ 1300 +/- 100	180 @ 1300 +/- 100
Fuel tank capacity	(L)	62	62	62	62
Transmission & Clutch					
Double clutch		●	●	●	●
8x2 Mechanical constantmesh		●	●	●	●
8x8 Mechanical Synchro Shuttle transmission		○	○	○	○
Minimum speed / Maximum road speed (kph)	(kph)	2.54/28.16	2.54/28.16	2.54/28.16	3.0/33.24
Front Axles					
2WD front axle		●	●	●	●
4WD front axle		○	○	○	○
Turning radius 4WD Portal	(M)	2,9	2,9	2,9	2,9
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	29/210	29/210	29/210
Independent steering pump flow / pump pressure	(Lpm / Bar)	23/210	23/210	23/210	23/210
Rear auxiliary remote valves (Max. number)		2	2	2	2
Linkage					
Category		I-II	I-II	I-II	I-II
Lift capacity @ ball ends (Std)	(kg)	1800	1800	1800	1800
Lift capacity @ ball ends (Opt)	(kg)	1100	1100	1100	NA
PTO					
Independent rear PTO		●	●	●	●
Rear PTO	(Std)	540	540	540	540
Rear PTO	(Opt)	540E	540E	540E	540E
Stationary Reverse PTO	(Std)	●	●	●	●
GSPTO (Ground speed PTO)	(Std)	●	●	●	●
Rear PTO engine speed at 540rpm	(rpm)	2016	2016	2016	2016
Rear PTO engine speed at 540Erpm	(rpm)	1590	1590	1590	1590
Operator environment					
Mechanical suspension seat with seat belt 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		○	○	○	○
Fender cushion seat		○	○	○	○
Tyres					
Front 8.0x18 Ag		●	●	●	●
Rear 14.9x28 Ag		NA	NA	NA	●
Front 8.0x18 High Lug		○	○	○	○
Rear 14.9x28 High lug		NA	NA	NA	○
Rear 13.6x28 Ag		●	●	●	○
Rear 13.6x28 High lug		○	○	○	○

● Standard ○ Optional NA-Not Available

DIMENSIONS



MODELS

		TT3.35	TT3.40	TT3.45	TT3.50
Dimensions					
A Wheelbase 2WD / 4WD	(mm)	1910/1990	1910/1990	1910/1990	1960/1990
B Overall length 2 WD/4WD (mm) include front weight	(mm)	3666/3700	3666/3700	3666/3700	3700/3700
C Overall width	(mm)	1690	1700	1690	1690/1700
D Height to top of ROPS 2WD/4WD	(mm)	2442/2460	2467/2460	2350	2442
E Height to top of exhaust 2WD / 4WD	(mm)	2270/2350	2270/2350	2270/2350	2270/2350
F Height to top of steering wheel 2WD / 4WD	(mm)	1625/1650	1630/1650	1630/1650	1650/1740
G-Ground Clearance under Front axle -Portal 4WD	(mm)	355	355	355	355
Weight (Standard Ballast) 2WD/4WD Portal	(kg)	1885/2025	1885/2025	1885/2025	1885/2025
Weight (Standard Ballast) 2WD/4WD Industrial axle	(kg)	1885/2160	1885/2160	1885/2160	1885/2160

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