

# TT3.50 TRACTORS



## TT3: COMPACT, POWERFUL PERFORMANCE

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The TT3 tractor has been designed for the Australian market following extensive local consultation, feedback, and input. Put simply, you could say the TT3 is a 'no-nonsense' machine for the budget focussed buyer. Characterised by smart design, rugged and robust construction, and efficient power, the TT3.50 delivers.

In order to meet the requirements of today's demanding operators, the new model, delivering 50 horsepower offers modern styling, outstanding operator comfort and 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 TT3.50. 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 'flip-up' armrests 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 and efficiency enabling 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, affording precision control. Furthermore, the large capacity fuel tank mean that you can work even longer before filling up.

### Versatility and value

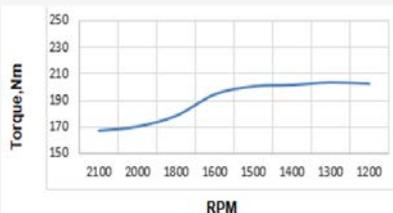
New Holland knows that you want your tractor to carry out as many tasks on your farm as possible. That is why versatility is in the TT3.50's DNA. Options include both two- and four-wheel drive with 8x8 Synchro Shuttle™ mechanical shuttle transmissions meaning you can specify your TT3.50 to suit your requirements. A flip-up PTO safety shroud and heavy duty swinging drawbar with clevis complement the three point linkage. Extended servicing intervals and easy maintenance complete the package.



## READY FOR PRODUCTION

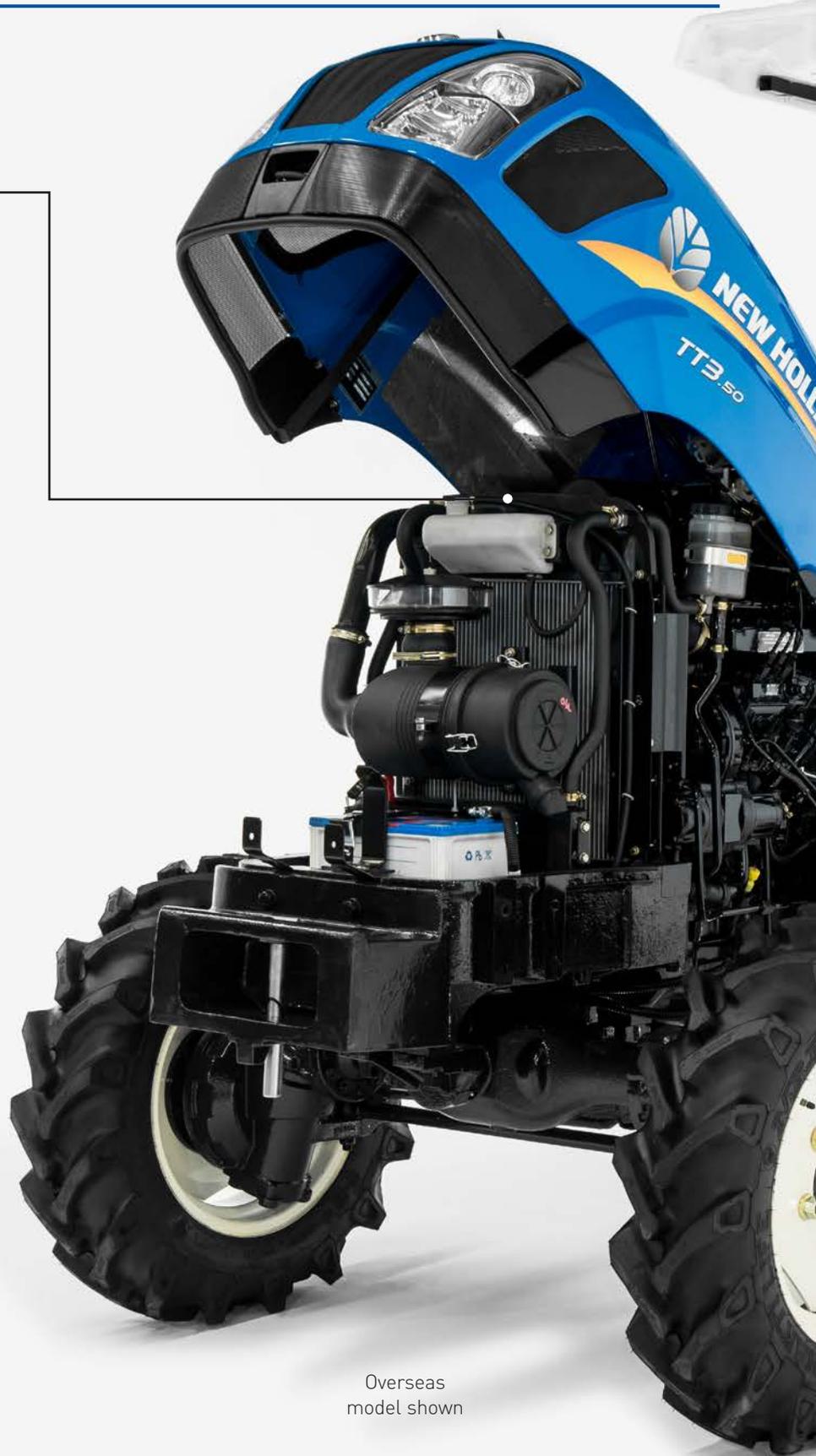
### Powerful productivity

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 to 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.



Overseas  
model shown



### Reliable transmissions

The TT3.50 is standard with a beefy 11" clutch. The transmission is understressed and ready for heavy duty applications. The Standard 8x8 mechanical Synchro Shuttle™ transmission provides a perfect configuration when undertaking front loader work such as - bucket, fork or bale spear 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.



## DEALER INSTALLED LOADER OPTIONS

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A New Holland APs30 Front End Loader system has been developed as a local, Dealer installed option. This takes advantage of the TT3.50's useful hydraulic output as well as the generous wheelbase and rated axle capacities.

- Level Lift and Clearance on Dump on the TT3.50 is that of larger class, utility tractors.
- The higher axle rating means the certified operating load is well within engineering parameters, making for a safe, reliable system that will give years of trouble-free service.

A specialist for Slashing, Linkage and Loader jobs too demanding for a Compact, but suiting a Compact budget.



### 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

### 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. Armrests and seatbelt further enhance comfort.

### Spacious operator platform

The space available on the operator's platform has been optimised and offers excellent visibility. 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.

### ROPS

The brake, park and indicator lamp cluster, is mounted sensibly high on the ROPS. This placement reduces the risk of damage to both machine or foliage in tree and vine crops.

### Bright lights for dark nights

New Holland's iconic cat eye lights have been integrated into the TT3.50. 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.

### Front Axle: Standard FWD

The standard 4wd front axle is a heavy Duty LSD type. The 4000kg restricted (dynamic) rated capacity tops its class.

### A Loader specialist

The large capacity has allowed **9.5-24** inch, higher load rated front tyres to be fitted. This allowed local loader engineering to adapt a larger New Holland **APs30** Loader kit to suit.

Overseas  
model shown



## 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
- Hood latch is easily accessed and gas struts assist lifting
- 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 for easy access

## NEW HOLLAND SERVICES



### Finance tailored to your business

CNH Industrial Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With CNH Industrial Capital, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture.



### Trained to give you the best support

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through online courses as well as intensive classroom sessions. This advanced approach ensures your dealer will always have the skills needed to look after the latest and most advanced New Holland products.



### BECAUSE QUALITY MATTERS

Today, you confront more challenges, pressures, and unknowns than you've ever faced before. Your equipment needs breakthrough innovation and service solutions to get the most out of the land.

Make the most of your yields with New Holland genuine parts and service, designed to support your production output and quality standards. We will help you maintain high-quality operations so you can focus on maximising value and returns on your hard-earned investment.

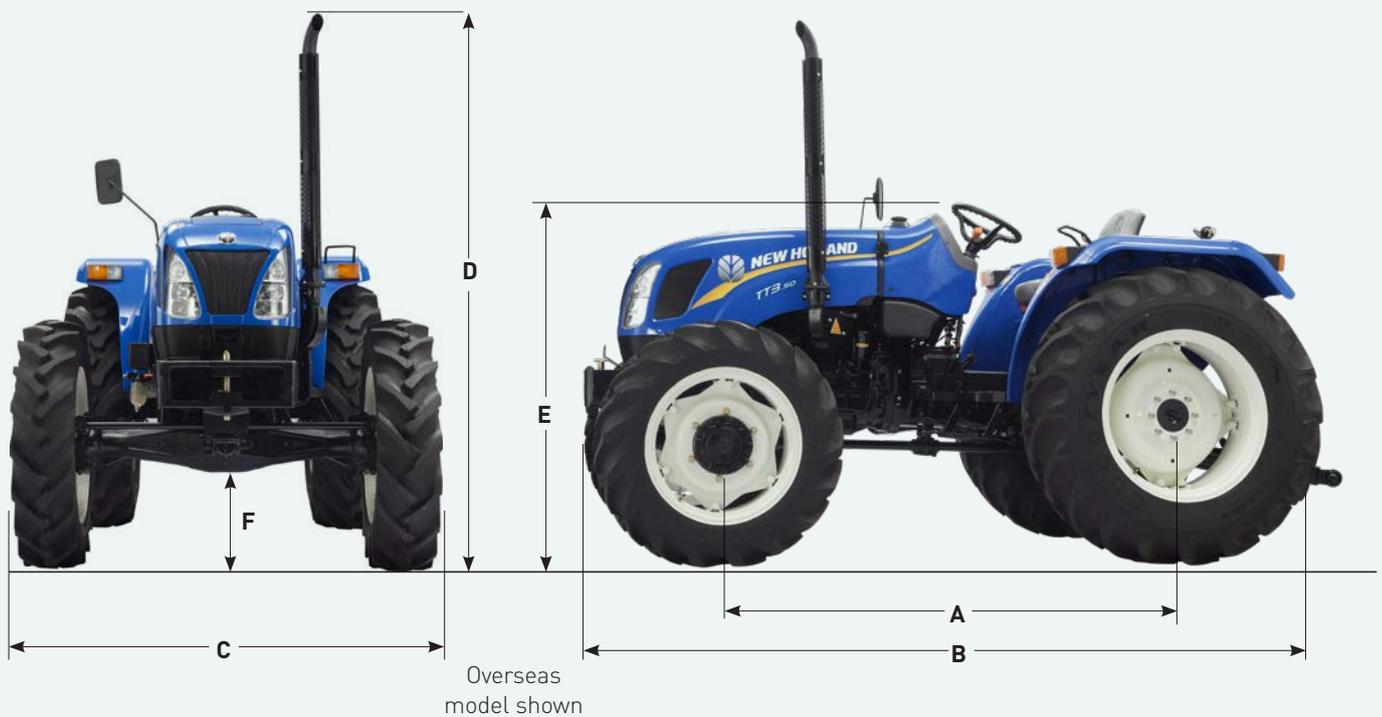
Our genuine parts like lubricants and filters are built for durability and reliability and are backed by warranty solutions like OptiCover – guaranteeing peace of mind. Ask your New Holland dealer today about genuine parts!



MODEL	TT3.50
<b>Engine</b>	
Model	S 8000
Make	FPT
No. cylinders / aspiration / valves / emission level	3/NA/2/Tier2
Capacity (Litres)	2.9
Max hp (kW/hp)	37.6/50.5
Net advertised power @ 2100 rpm (kW/hp)	36.9 / 49.5
PTO power at rated speed (kW/hp)	33.6 / 45
Max. torque @ 1300 +/- erpm (Nm)	205 @ 1300
Fuel tank capacity (L)	60
<b>Transmission &amp; Clutch</b>	
Double clutch	●
8x8 Mechanical Synchro Shuttle transmission	○
Minimum speed / Maximum road speed (kph)	2.75 / 33.95
<b>Front Axles</b>	
2WD front axle	○
4WD front axle	●
Turning radius 2WD (mm) [with brakes / wo brakes]	3200 / 3520
Turning radius 4WD Std (mm) [with brakes / wo brakes]	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
Independent steering pump flow / pump pressure (Lpm / Bar)	24 / 210
Rear remote valves ( Max. number) – Option	2
<b>Linkage</b>	
Category	I-II
Lift capacity @ ball ends (kg)	1800
Maximum lift capacity at 610 mm behind ball ends (kg)	1440
<b>PTO</b>	
Independent rear PTO	540 / 540E
Rear PTO (rpm)	540
Rear PTO engine speed at 540rpm (rpm)	2016
Rear PTO engine speed at 540Erpm (rpm)	1590
<b>Operator environment</b>	
Semi Flat deck operator area	●
Deluxe operator seat with arm rest and operator seat belt	●
Two post fixed ROPS with canopy	●
<b>Electricals</b>	
Battery 100 Ah	●
Alternator rating (Amp) (Amp)	55
<b>Tyres</b>	
Front	
7.50x16 2WD	○
9.5x24 Ag - Std. axle	●
Rear	
14.9x28 Ag	●

**MODEL****TT3.50**

Dimensions		
A Wheelbase 2WD / 4WD	(mm)	2040
B Overall length 2WD/4WD w/FWC	(mm)	3480
B Overall length 2WD/4WD include front weight	(mm)	3735
C Overall width	(mm)	1720
D Height to top of exhaust 2WD / 4WD	(mm)	2388/2415
E Height to top of steering wheel 2WD / 4WD	(mm)	1642
F Ground clearance under Front axle - Std 4WD	(mm)	385
F Ground clearance under Front axle - Portal 4WD	(mm)	385
Height to top of ROPS 2WD / 4WD	(mm)	2505
Weight (Standard Ballast) 4WD - Std axle (kg)	(kg)	2200

**DIMENSIONS**

AT YOUR OWN DEALER

**YOUR SUCCESS – OUR SPECIALTY**

Visit our web site at: [www.newholland.com](http://www.newholland.com) - tel: +61 2 9673 7777  
 31-53 Kurrajong Road, St Marys NSW 2760



Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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. Published by New Holland Brand Communications. - Printed in Australia - TT3.50\_0422