

TT2.50

Tractor Brochure



TT2: an agricultural all-rounder in a compact package

If you are looking for a compact, hardworking all-rounder which can turn its hand to any agricultural task, then you have found exactly what you are looking for in the TT2 tractor. This 50 horsepower tractor has been tailored to deliver in all conditions, from rice fields, through to transport and livestock work. This robust tractor, featuring rugged design, efficient power and a comfortable operating environment simply delivers.

Outstanding comfort

The TT2.50 offers everything the operator needs for a safe, productive working day. Ergonomically- positioned controls, a flat deck with easy access and a fully adjustable seat mean operators will be able to adjust the operating environment to suit their individual needs. All key operating parameters can be checked, at a glance, thanks to a big, easy to read display, and the power assisted steering, which comes as standard, further makes long working days fly by more quickly.

Efficient operation

The TT2.50 has been designed to deliver outstanding operating efficiency. From fuel efficient engine, productive transmission, and easily daily maintenance checks, when combined with a robust design, the TT2.50 will help boost your farming productivity.



Powerful productivity

The TT2.50 is powered by a reliable, fuel efficient 2.6 litre engine, which delivers maximum power at 2600 rpm, an ideal working speed. The model's torque curve has been specifically designed to achieve optimum productivity and simple operation. The dual stage air filter helps to protect the engine when working in harsh conditions or with fuels of varying qualities, which results in longer service intervals for a reduced cost of ownership. Daily checks are even easier thanks to the single-piece bonnet and removable side panels.

Reliable transmission

The TT2.50 comes with synchromesh transmission. The standard 8x8 mechanical Synchro Shuttle transmission offers eight forward and eight reverse gears, which is the perfect match when undertaking applications requiring a front blade, rice puddling or other specialised applications.

Synchro shuttle

For those businesses which undertake extensive front blade or other back and forth work, which necessitates continual direction changes, the 8x8 Synchro Shuttle transmission, featuring a column mounted shuttle lever is the ideal choice. This ergonomic location makes it even easier to change direction and will assist in enhancing both day-long productivity and operator comfort.

Ergonomic gear shifting

The entire operator platform has been designed with ergonomics in mind, and the gearshift levers are conveniently located to the side, falling naturally to hand, making it even easier to shift gears.



Farm in comfort.

The operator has been placed at the heart of the TT2.50's design and the spacious operator's platform features a fully flat deck. The stylish canopy helps protect the operator from the harshest elements, be that sun or rain.

Ultra easy access

Combined with the fully flat floor, the gear shift controls are located to the side of the operator, and when combined with the suspended brake and clutch pedals, there is a lot of legroom. The platform can be easily accessed thanks to a handily placed step and grab rail.

Modern ergonomics

The fully adjustable seat allow the operator to set the perfect driving position for maximum comfort behind the wheel, and all of the main controls are positioned for ease of use and accessibility. The power assisted steering, which is standard, makes for effortless manoeuvring.



Easy to read operating parameter.

The instrument panel provides a complete and clear display, ensuring the operator has access to all of the information they require at a glance. The colour-coded controls and switches, together with gauges are also easy to see and easy to understand, meaning that even inexperienced operators will have no trouble using this tractor.

Outstanding visibility

The driving position, tapering bonnet and down swept exhaust combine to provide excellent visibility. The strategically positioned mirrors on the right-hand side further enhance visibility. A powerful lighting package means that during busy periods, the working day can be extended past sunset.

High performance hydraulics

A sturdy three-point linkage has been fitted, and features lift rods and stabilisers to facilitate easier implement hitching. One rear hydraulic remote valve is standard on the TT2.50. A full 30.9 litres/minute hydraulic pump flow are available and ensure that the most commonly conducted tasks can be completed efficiently.

A range of PTO options

Farming is characterised by versatility, and the requirement to carry out a wide range of different operations. As such a two-speed 540/750 PTO comes as standard. 540 PTO speed is achieved at 2160 rpm, which is ideal when conducting intensive applications such as power harrowing. Whereas when working in lighter conditions, the economy 750 PTO is achieved at 2294 rpm, both reducing noise and enhancing overall operational economy.

Robust rear axles

The straight rear axle with planetary gears is suitable for all agricultural and transportation applications. The rear axle features a wet brake system with oil immersed disc brake technology. This makes for a larger surface area for safer and more efficient machine braking.

Sealed front axle

The four-wheel drive, fully sealed front axle ensures maximum reliability in all field operations, especially those conducted in rice fields. The bevel gear front axle with responsive hydrostatic steering provides a tight steering angle, for enhanced manoeuvrability, in even the tightest spots.

Easy maintenance access

TT2.50 tractors has been designed to facilitate routine maintenance. All service points are readily accessible from the ground.

- A 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







MODELS

TT2.50

Specification	
Engine	LSM
Engine Model	L4AL-D1
Type Engine	Direct Injection ,Diesel engine, four-stroke vertical cylinder, water cooling system
No. of cylinders	4
Cylinder (bore x stroke)	90x103 mm
Capacity	2,621 cc
Max. horsepower	50 hp / 37.3 kW
Rated engine speed	2,600 rpm
Max. torque	164 N-m./ 1,600 rpm
Air Filtration System	Dry 2-layers Air Filter
Fuel tank capacity	50 Liters
Clutch system	
Clutch	Single, Dry disc
PTO	
PTO (PTO speed)	540 rpm @ 2,160 rpm 750 rpm / 2,294 rpm
PTO (Hp/kW)	42,1 / 31
Transmission System	
Type	Synchro Shuttle
Forward & Reverse speed	8 Forward Gears 8 Reverse Gear, 8x8 Main Synchromesh
Forward Speed (kmph)	Min.2.33 , Max.26.3
Differential System	Differential Lock
Brakes	Oil immersed Multi-disc Brake
Electrical System	Battery 12V 80AH/ 50 A Alternator
Hydraulics System	
Steering wheel	Hydrostatic
Max. hydraulic oil pressure	2,466 psi
Steering Circuit Flow	19,5 L/min
Hydraulic Pump Flow	30,9 L/min
Hydraulic Controls	Position Control
Max. lift capacity at ball ends	1360 Kg
No. of remote	1 - remote (Std)
3 point Linkage	SAE Category I
Dimensions and weight	
Weight	1,500 kg
Wheelbase 4WD	1,895 mm
Overall length	3,226 mm
Overall width	1,570 mm
Ground Clearance Under Front axle	396 mm
Turning Radius With Brakes	2,6 M
Front Tyres	8.0 - 18 inch
Rear Tyres	13.6 - 26 inch
Standard Equipments	
	Various lamps according to traffic regulations, with back-lighting for working in accordance with manufacturer standards
	Instrument panel, recording working hours and oil gauge
	Engine coolant temperature gauge and various warning lights according to manufacturer standards
	Adjustable seat and car tool set with the manufacturer standards, Canopy, swinging drawbar



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