

TD5.110



ADVANCED FEATURES, OUTSTANDING COMFORT: FIVE STAR TRACTOR EVOLUTION.

Fuel efficiency through advanced engine technology

The Tier 3 TD5 range features an upgraded Tier 3 compliant 8000 Series engine, offering you both greater power and excellent combustion efficiency. This powerful new Tier 3 engine brings out the maximum in tractor performance while at the same time boasting lower fuel consumption & minimized exhaust emissions.



Power with a new range topping 110hp model

The new TD5 Range features a new class- leading, range-topping 110hp model. Packed into a light, robust driveline, it offers an entirely new level of power and performance.



Comfort with new VisionView™ cab

Luxury turns a corner with this spacious, all new VisionView™ cab. Featuring improved 360-degree visibility, greatly reduced noise levels and ergonomically redesigned controls, the new TD5 features unrivalled premium operator comfort.



Versatility with new Powershuttle transmission

A special feature offered on the TD5 range is the new Powershuttle perfect for precision loader work. This productivity enhancing feature is perfect for livestock applications, offering silky smooth direction changes and increased productivity.

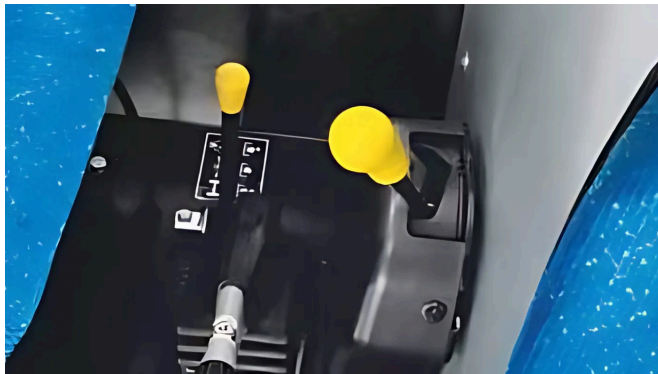
Better performance, lower fuel consumption

Tier 3 compliant TD5 engines not only allow overall better working performance, but also dramatically reduce your end-of- the-year fuel bill. For example, the new TD5.90 is 10% more fuel efficient than the previous TD90D at maximum torque. This means for a tractor used for 500 hours / year a saving of 1062 litres each year. Just multiply this figure by the cost of a litre of diesel and you will be astonished by the amount of savings you can achieve.



Ergonomically grouped for outstanding productivity

The principal tractor functions, such as the hand throttle, all transmission and linkage controls as well as hydraulic remote regulation have been grouped together on the right hand console making the 'find that control game' a thing of the past. Both the fully integrated loader joystick, which is ergonomically positioned, and the column mounted shuttle lever fall perfectly to hand for increased loader productivity and reduced fatigue.



PTO controls

All PTO controls have been clustered to your left. Speed selection is courtesy of an easy to reach lever, with a choice between a Mechanical or Hydraulically assisted PTO. The hydraulically assisted PTO activation guarantees smooth engagement as well as improving safety thanks to the auto-disengaged functionality upon key-off, which prevent accidents when you turn your tractor back on.



Day long comfort

Optional, the deluxe air suspension seat features a fully integrated armrest for day long comfort. There is also ample space for a full size instructor seat with seatbelt. Go on, share the TD5 fun! The ROPS version features a comfortable vinyl operator and instructor seat.

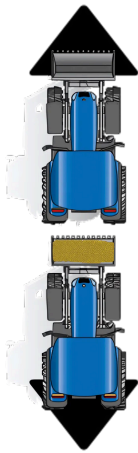


ROPS & Canopy

All models are available in ROPS version. Operators will still be able to enjoy all of the comfort and ergonomic excellence of the cab version thanks to specific weather proof trim and specifically engineered components.

Fast and slow, you've got it covered

The 12x12 Shuttle Command was developed for farms that require precise forward/reverse speed matching. An optional Creeper variant offers forward speeds as low as 0.32km/h, whilst maintaining a top transport speed of 30kph, the ideal choice for specialist applications such as vegetable growers. Top transport speed of 40kph is available on 4WD TD5.100 and TD5.110.



New optional Powershuttle

The column mounted hydraulic Powershuttle ensures silky smooth direction changes which are perfect for precision loader work. The ergonomically placed lever falls naturally to hand and can be operated whilst holding the steering wheel for even greater safety. Available on the models specified with the 12x12 Hydraulic Powershuttle transmission, and not in conjunction with the Creeper option, this productivity enhancing feature will reduce fatigue and improve safety.



Mechanical draft control

The Flexion Bar™ lower link sensing draft control offers proven reliability to maintain even cultivation depth and when returning an implement to work during a headland turn sequence. This simple, ease to operate system uses dedicated controls located to the right of the operator. Exclusive Lift-O-Matic™ Plus technology offers fingertip fast raising and lowering of implements to a pre-set position at the headlands.

Strong, powerful and robust

The rear linkage has been subjected to a stringent testing and rigorous quality control process to guarantee you top performance and reliability. The category 2 rear linkage has a maximum lifting capacity of up to 4700kg meaning you can work with the heaviest rear mounted implements with ease. For even more productive farming, specify the optional quick attach rear links for super- fast hitching from the comfort of the cab.

MODEL SPECIFICATIONS

Engine		
No. Cylinders / Aspiration		4 / Turbocharged / Intercooled
Number of Valves per cylinder		2
Emission level		Tier III
Capacity	L	3.9
Rated Power ISO TR14396-ECE R120 @ rated speed rpm	kW/Hp	81 / 110 @ 2300
PTO Power at Rated Speed	kW/Hp	76 / 104
Max Torque @ 1400 rpm	Nm	430
Torque Rise	%	30
Fuel Capacity	L	110
Service Intervals	hours	300
Transmission & Clutch		
Transmission		12 X 12 Syncromesh Heavy Duty
Clutch		Cerametalic Clutch Disk
Minimum speed / Maximum road speed	km/h	1.82 / 30.1
Front Axle		
4WD front axle		YES
Steering angle 4WD	°	55
Min. Turn Radius Less Brakes 4WD	mm	5580
Real Axle		
Cascade final drive		YES
Differential lock (Mechanically engaged)		YES
Oil immersed multidisc braking system		YES
Hydraulics		
Main pump flow / pump pressure	L/min	51.7
Independent steering pump flow (Lpm / Bar)	L/min	29.6
Rear Axuiliary Remote Valves		2
Linkage		
Category		I / II
Lower Link Draft Sensing		YES
Lift-O-Matic™ System		YES
Lift capacity @ ball ends	kg	3565
Lift capacity @ 610mm behind ball ends	kg	2700
PTO		
Independent rear PTO		YES
Rear PTO	rpm	540
Rear PTO Engine Speed at 540 rpm		2199
540 PTO with ground speed		YES
Operator Environment		
Flat deck Operator Area		YES
High visibility roof panel		YES
Deluxe suspension seat with seat belt		YES

MODEL SPECIFICATIONS

Tyres		
Front		14.9-24.0
Rear		18.4-34.0
Rear Wheel Weights		4X50kg
Dimensions		
Overall length 4WD	mm	4115
Width across standard fenders	mm	1910
Height to top of ROPS	mm	2657
Ground Clearance under front axle / drawbar	mm	465 / 500
Track width (min/max)	mm	1500 / 2000
Weight with front ballast and rear weight	kg	4400



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