



Equipped with new *Tier 3*, 6 cylinder *BetaPower* engines delivering a maximum power of 117, 133, 141 HP respectively, the MTX series offers the best in its horsepower class for comfort, economy, reliability and durability.

The transmission features a *Powershift* gearbox with four ranges and four speeds providing a total of 16 forward speeds and 12 reverse speeds with reverse power shuttle.

Moreover, the MTX series feature a 540/1000 rpm PTO being operated by an "Auto PTO" function and by a high-performance hydraulic system allowing the operator to work with the utmost accuracy and efficiency.

When it comes to the electronic hydraulic power lift, two buttons on both mudguards allow the power lift to be controlled from

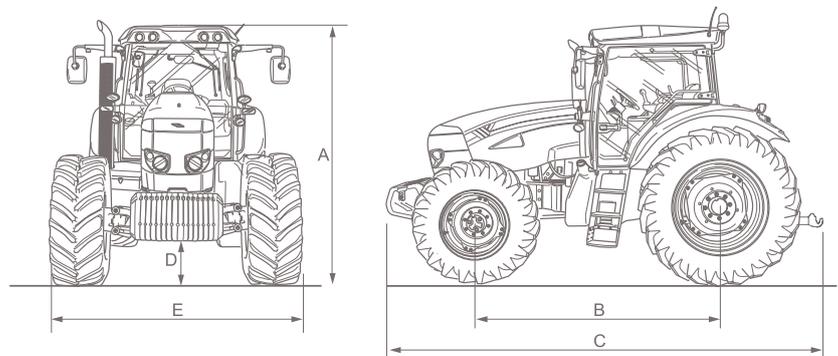
the ground, enabling implements to be hitched quickly and in full safety. With a lift capacity of 6600 kg, the MTX tractors can be used with a vast number of farming implements.

Optionally, the tractor may be equipped with a front PTO and a front power lift providing a lift capacity of 3500 kg for extra versatility.

With the new *Deluxe* cab, featuring an auto-levelling hydro-pneumatic suspension system and providing outstanding visibility and ergonomically positioned controls, utmost driving comfort is guaranteed for those long working days. Moreover, as the day draws on and darkness descends, a powerful lighting package provides the operator with superior visibility to complete the task in hand.

	MTX 120 (T3)	MTX 135 (T3)	MTX 150 (T3)
ENGINE			
TIER 3	BETAPOWER	BETAPOWER	BETAPOWER
MAXIMUM POWER ISO	117/86	133/98	141/104
NO. OF CYLINDERS/TURBO/WASTEGATE/INTERCOOLER	6 / T / W / I	6 / T / W / I	6 / T / W / I
DISPLACEMENT	6.728	6.728	6.728
MAX. TORQUE	515	590	625
TORQUE RISE %	40	39	39
FUEL TANK CAPACITY	265	265	265
TRANSMISSION			
BASE TRANSMISSION + POWER SHUTTLE (4 POWERSHIFT SPEEDS)	16AV + 12RM	16AV + 12RM	16AV + 12RM
HYDRAULIC POWER SHUTTLE	●	●	●
ELECTROHYDRAULIC REAR DIFF-LOCK	●	●	●
POWER TAKE-OFF			
MULTIDISC WET CLUTCH	●	●	●
ELECTROHYDRAULIC ENGAGEMENT	●	●	●
SPEEDS 540/1000 RPM	●	●	●
NET PTO POWER (ISO)	99,5 / 73	113,5 / 83,5	117 / 86
FRONT AXLE			
FIXED TYPE	●	●	●
TYPE WITH HYDRAULIC SUSPENSIONS	○	○	○
ELECTROHYDRAULIC 4 WD ENGAGEMENT	●	●	●
LIMITED SLEEP DIFFERENTIAL	●	●	●
STEERING ANGLE	55°	55°	55°
MINIMUM TURNING RADIUS	4.650	4.650	4.650
BRAKES			
REAR WET DISC GRAPHITE BRAKES	●	●	●
AUTOMATIC 4WD ENGAGEMENT ON BRAKING	●	●	●
PNEUMATIC BRAKING	○	○	○
HYDRAULIC POWER LIFT			
ELECTRONICALLY OPERATED	●	●	●
MAXIMUM LIFT CAPACITY	5871 / 6602	5871 / 6602	6602
MAXIMUM PUMP FLOW	109	109	109
CATEGORY	CAT. IIIN	CAT. IIIN	CAT. IIIN
AUXILIARY VALVES STD	3	3	3
FRONT HITCH AND FRONT PTO (LIFT CAPACITY KG)	3500 ○	3500 ○	3500 ○
CAB AND DRIVING POSITION			
"DELUXE" CAB / AUTO-RADIO FITTING FACILITIES	●	●	●
HEATING / VENTILATION	●	●	●
AIR CONDITIONING	●	●	●
WITH ELECTRONICALLY-CONTROLLED HYDRAULIC SUSPENSION	○	○	○
PNEUMATIC SEAT	○	○	○
DIMENSIONS AND WEIGHTS			
FRONT TYRES	420/85R28	420/85R28	420/85R28
REAR TYRES	520/85R38	520/85R38	520/85R38
A - HEIGHT OVER DELUXE CAB	2910	2910	2910
B - WHEELBASE	2723	2723	2723
C - OVERALL LENGTH (REAR LINKS - FRONT WEIGHTS)	5160	5160	5160
D - GROUND CLEARANCE	505	505	505
E - OVERALL WIDTH ACROSS REAR FENDERS	2300	2300	2300
MIN. SHIPPING WEIGHT	5400	5450	5500

Key: ● standard ○ option — not available



120-135-150 (T3)

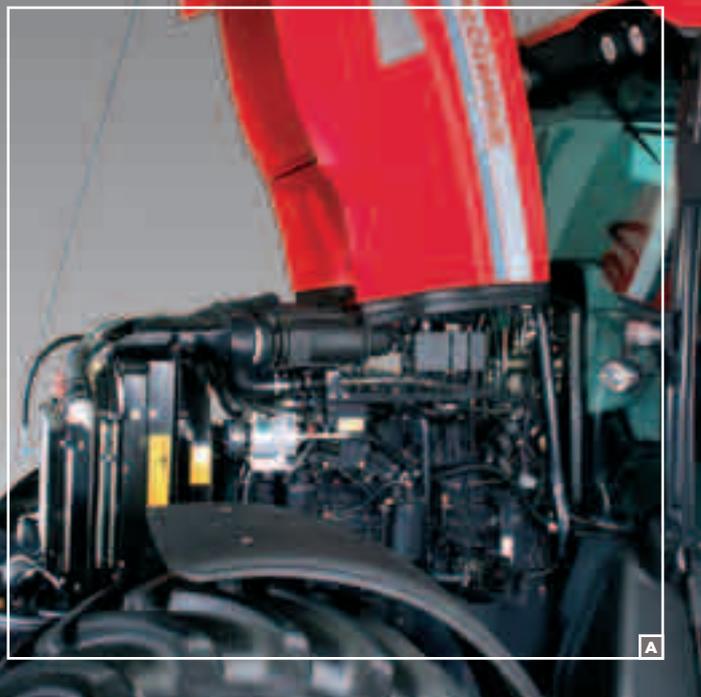
MTX





New
McCormick MTX (T3),
your choice when work
gets tough.

The McCormick MTX series is equipped with an all-round comfortable four-post cab and a new bonnet reflecting the family feeling of McCormick's larger TTX and XTX tractor ranges and is available in three models, namely MTX 120, 135 and 150.



ENGINE

The three McCormick MTX models are powered by the very new *BetaPower* engines, specifically designed to McCormick specifications.

These engines utilise a mechanical fuel injection system delivering a maximum power of 117, 133 and 141 HP/ISO. All *BetaPower* engines are equipped with turbocharger and air-to-air intercooler maximising power outputs and ensuring enhanced efficiency with improved fuel consumption while complying with *Tier 3* standards governing the emissions into the environment.

Engines are mounted on a rugged cast-steel chassis to ensure maximum durability while reducing both stress and noise levels so as to provide enhanced driving comfort to the operator.

The fully-tilting hood provides unrestricted access to the engine for routine service and maintenance (*fig. A*).

AXLE

The front axle equipped with electronically controlled hydraulic suspension system ensures high speeds on rough terrains, while improving traction and manoeuvrability for enhanced comfort, safety and productivity though keeping ground clearance unaltered (*fig. B*).

TRANSMISSION

The transmission features a mechanical gearbox with four ranges and a 4-speed-powershift providing a total of 16 forward and 12 reverse speeds with hydraulic reverse power shuttle for directional changes.

The gear lever allows the operator to select between ranges via a conventional H-pattern shift, using the clutch pedal.

A toggle switch integrated in the range lever allows shifting between the four Powershifts with a flick of the thumb.

In the 4th range, an additional *SoftShift* button (D), fitted on the front of the lever, provides smoother gear changes, making this function ideal for road transport with trailers (*fig. C*).

The neutral position on the power shuttle lever enables the operator to automatically shift from forward to reverse without using the clutch pedal, thereby allowing for convenient starting and stopping during loader and baling operations (*fig. D*).







**McCormick MTX (T3),
synonymous with reliability,
comfort and safety.**

HYDRAULICS

The closed-centre hydraulic system with variable displacement pump provides a flow rate of 109 l/min and ensures optimum operation of the four rear hydraulic valves available.

The auxiliary control valves are operated via three mechanical levers (1) and one electro-hydraulic pushbutton (2) ergonomically positioned on the right hand console (fig. F).

ELECTRONIC POWER LIFT

With the raising/lowering control (S) (fig. F) and all main functions and regulations conveniently located in ergonomic position on the right-hand console (fig. G), the electronically-controlled power lift fitted on the MTX tractor allows for easy operation and fingertip control of the implements. The Cat. 3 three-point linkage provides a lift capacity of 6600 kg (fig. E).

POWER TAKE-OFF

The wet disk clutch, hydraulically operated via a pushbutton (P) (fig. F) enables smooth and progressive engagement of the PTO.

The MTX series has an independent two speed, 540 and 1000 rpm PTO featuring an interchangeable 6/21" spline shaft

An "auto" PTO function allows the operator to regulate and programme the PTO engagement and disengagement points whenever the power lift is raised and/or lowered during headland manoeuvres.

This guarantees the full control of the PTO thus avoiding to damage the shaft.

CAB

The four-post *Deluxe* cab with large, rear-hinged doors, besides providing an ultimate all round visibility ensures a safe and easy access and is available with a powerful air-conditioning system integrated into the roof, a fully adjustable steering wheel and pneumatic seat.

The stylish interior and excellent sound-proofing make driving a pleasure.

The cab can be supplied with electronically-controlled hydraulic suspension, which, combined with the front suspended axle, provides maximum driving comfort. (fig. H)

