



The name says it all

An excellent heritage and a wealth of experience



The McCormick brand is a true classic in the manufacture of agricultural machinery that epitomises quality, craftsmanship and innovative design.

Our commitment to quality ensures strict compliance with some of the most demanding manufacturing standards in the industry. It also reinforces our mission to achieve ever-increasing productivity levels for our customers.

## McCormick T (T3) series (T / T-F / T-M)

The T/ T-F / T-M series has been completely revamped with technological upgrades and restyling that significantly improves the operator's comfort.

After adopting a new, attractively-designed tilt-up hood with integrated headlights and the new Perkins 1104D series 4-cylinder naturally-aspirated and turbo Tier 3 engines with high torque rise and power up to 100hp, the T/T-F / T-M series now brings new levels of comfort and productivity to crawler tractors.

The driving position has been redesigned with a new, more comfortable seat and all control levers and pedals have been rearranged in a more ergonomic fashion for added comfort and ease of operation.

The lift capacity of the rear power lift has been improved with two additional external cylinders, available as an option, and a new three-point linkage that increases the implement lift height.

In addition, a more precise adjustment of the power lift sensitivity further improves the working accuracy.

New remote valves, also with hydromotor to allow the use of implements requiring a continuous oil supply (e.g. toppers), along with the option of front remote valves, further enhance the efficiency of the hydraulic system.

Finally, the electrohydraulic control of the PTO allows for smooth and progressive engagement, thereby ensuring soft starting of the implements.

The T / T-F / T-M crawlers, true specialists between the rows and in the open field, offer the right answer to the farmers' demand for performance and safety on all kinds of terrains.

## SPECIFICATIONS

T = STANDARD

T 90 (T3)

ENGINE		STD
Perkins direct-injection engine (TIER3)		1104D-44T
Max. power (ISO)	hp/kw	83/61
Rated speed	rpm	2200
Max. torque	Nm	352
Max. torque speed	rpm	1400
Bore/Stroke	mm	105/127
Displacement /Cylinders	cm <sup>3</sup>	4400/4
Compression ratio		18.2:1
Water cooling		
Dry air filter		
Vertical muffler		
Low muffler		
Fuel tank capacity	lt	
CLUTCH		
Independent dry dual clutch	inch	
Coating		
Mechanical operation		
TRANSMISSION		
Standard gearbox + creeper + reverse shuttle 16FWD + 8REV		
Standard gearbox + overdrive + reverse shuttle 16FWD + 8REV		
Transmission oil cooler		
PTO		
Hydraulic engagement		
2 speeds 540/750 rpm.		
2 speeds 540/1000 rpm		
1" 3/8 (35 mm) PTO shaft with 6 splines		
1" 3/8 (35 mm) PTO shaft with 21 splines		
Net PTO power	hp/kw	
STEERING SYSTEM		
HI-DRIVE hydrostatic steering system		
2 wet disc clutches operated by 2 hydraulically assisted levers, with combined action on the brakes		
BRAKES		
Electrohydraulic control		
Oil-immersed multi-disc graphite brakes		
POWER LIFT		
Draft control, position control, intermix and floating functions		
Mechanically operated		
Lift capacity with twin assistor rams	kg	26
Max. operating pressure	bar	
Hydraulic pump flow (lift + steering)	lt/min	
Cat. 2 three-point linkage		
Auxiliary valves std/opt		
Hydraulic oil tank for auxiliary valve independent circuit 30 litres		
Pump flow of auxiliary valve independent circuit 48.4 litres/min		
TRACKS AND ROLLER TRACK FRAMES		
Permanently-lubricated roller track frames with 5 lower guide rollers and 1 upper track carrier roller		
Permanently-lubricated track tension sprocket with hydraulic tensioner		
Rear suspension with crossbar on independent roller track frames		
Front suspension with leaf springs		
Width of track shoes	mm	400 ●
DRIVING SEAT		
Analogue instrument panel		
Side gear shift and reverse shuttle levers		
Iso-mounted platform		
Sprung seat		
DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)		
Max. length	mm	3500
Min. width	mm	1700
Height over bonnet	mm	1290
Height to ROPS	mm	2300
Wheel track	mm	1300
Wheelbase	mm	1650
Ground clearance	mm	320
Width of track shoes	mm	400
Weight in running order (without ballast weights)	kg	4160
OPTIONAL EQUIPMENT		
N. 6 front ballast weights 30 kg each		
N. 8 front ballast weights 30 kg each		

Key: ● = standard; ○ = optional; — = not available

T 100 (T3)		T 105 (T3)		T 80 (T3)		T 90 (T3)		T 100 (T3)		T 105 (T3)	
STD	STD	F	M	F	M	F	M	F	M	F	M
1104D-44T	1104D-44T	1104D-44		1104D-44T		1104D-44T		1104D-44T		1104D-44T	
92.5/68	98.6/72.5	74/54.5		83/61		92.5/68		98.6/72.5		98.6/72.5	
2200	2200	2200		2200		2200		2200		2200	
390	384	261		352		390		384		384	
1400	1400	1400		1400		1400		1400		1400	
105/127	105/127	105/127		105/127		105/127		105/127		105/127	
4400/4	4400/4	4400/4		4400/4		4400/4		4400/4		4400/4	
18.2:1	18.2:1	18.2:1		18.2:1		18.2:1		18.2:1		18.2:1	
●						●					
●						●					
—		—	○	—	○	—	○	—	○	—	○
—		●	●	●	●	●	●	●	●	●	●
95						80					
12		11		11		12		12		12	
cerametallic						cerametallic					
●						●					
○						○					
●						●					
●						●					
●						●					
○						○					
●						●					
○						○					
77 / 56.5	85.5 / 62.5	91 / 67	68.5 / 50.5			77 / 56.5		85.5 / 62.5		91 / 67	
●						●					
●						●					
●						●					
●						●					
●	●					●	●				
50 ● (3400 ○)						2650 ● (3400 ○)					
180						180					
38.5+27						38.5+27					
●						●					
4/6		3	3+2	3	3+2	3	3+2	3	3+2	3	3+2
●						—					
●						—					
●						●					
●						●					
●						●					
●						●					
400 ● / 450 ○	450 ●	360 ● / 310 ○	360 ● / 400 ○	360 ● / 310 ○	360 ● / 400 ○	360 ● / 310 ○	400 ● / 450 ○	360 ● / 310 ○	400 ● / 450 ○	360 ● / 310 ○	400 ● / 450 ○
●						●					
●						●					
●						●					
●						●					
3500	3500	3500		3500		3500		3500		3500	
700 ● - 1750 ○	1750	1460 ● / 1410 ○	1660 ● / 1700 ○	1460 ● / 1410 ○	1660 ● / 1700 ○	1460 ● / 1410 ○	1700 ● / 1750 ○	1460 ● / 1410 ○	1700 ● / 1750 ○	1460 ● / 1410 ○	1700 ● / 1750 ○
1290	1290	1170		1170		1170		1170		1170	
2300	2300	2315		2315		2315		2315		2315	
1300	1300	1100	1300	1100	1300	1100	1300	1100	1300	1100	1300
1650	1650	1650		1650		1650		1650		1650	
320	320	320		320		320		320		320	
400 ● - 450 ○	450	360 ● / 310 ○	360 ● / 400 ○	360 ● / 310 ○	360 ● / 400 ○	360 ● / 310 ○	400 ● / 450 ○	360 ● / 310 ○	400 ● / 450 ○	360 ● / 310 ○	400 ● / 450 ○
620 ● - 4690 ○	4690	3800 ● / 3730 ○	3800 ● / 3870 ○	3800 ● / 3730 ○	3800 ● / 3870 ○	3830 ● / 3760 ○	3900 ● / 3970 ○	3830 ● / 3760 ○	3900 ● / 3970 ○	3830 ● / 3760 ○	3900 ● / 3970 ○
○						—					
—						○					

All data and illustrations provided in this brochure are for information purposes only and can be changed without notice.



McCormick is a trademark of Argo Tractors S.p.A.

via G. Matteotti, 7 | 42042 Fabbrico [RE] Italia - t. +39.0522.656.111 | f. +39.0522.656.476 - webmaster@argotracors.com - www.argotracors.com

74 - 98 hp

T

**T<sub>3</sub>** T / T-F / T-M



  
**McCORMICK**



## New Perkins 1104D Series engines (TIER3)

The new Perkins 1104D 4-cylinder naturally aspirated and turbocharged engines deliver 74, 83, 92.5 and 98.6 HP (ISO) and offer high torque backup, improved fuel economy, low noise and reduced emissions (fig. A).

The new forward tilting bonnet reflecting the McCormick family feeling provides easy access to the engine for routine service and maintenance.



## Dashboard, side gear levers for maximum comfort and HI-DRIVE hydrostatic steering



The stylish dashboard features analogue instruments for simple and accurate reading. The modular transmission with overdrive and reverse power shuttle fitted as standard offers 16FWD+8REV speeds. Optionally, the transmission can be supplied with creeper in place of overdrive. The gear shift and reverse shuttle levers have been redesigned with a shorter stroke for improved ergonomics and driving comfort. The HI-DRIVE hydrostatic steering levers activate the steering clutches enabling smooth and accurate steering control. The oil-immersed disc brakes can be activated by both hydrostatic steering control and independent pedals (fig. B).

## Electrohydraulically-operated PTO clutch lever

The electrohydraulically-operated clutch lever enables smooth and progressive PTO engagement for improved operator comfort (fig. C).





## Driver's seat on iso-mounted platform (T model)

The driver's seat is located on an iso-mounted platform and features a new adjustable sprung seat for maximum comfort when working on rough grounds. The valance panels on the driver's sides are designed to match perfectly with the rounded line of the bonnet. The foldable four-post ROPS meets approved standards (fig. D).



## Mechanical hitch and PTO (T model)

The new Cat. 2 three-point linkage allows for greater implement lift height. The lift capacity of the rear hitch can be increased up to 3400 kg with the addition of two optional assistor rams.

All controls are arranged on the driver's right in an ergonomic and logical position (fig. E/F). The 1 3/8-inch PTO with hydraulic engagement offers a choice of two base speeds of 540/750 rpm and two optional speeds of 540/1000 rpm. (fig. E).



## Independent hydraulic system with 6 auxiliary valves for maximum versatility (T model)

The auxiliary valves are operated by an independent hydraulic system which is powered by an auxiliary 30-litre tank fitted on the right panel at the driver's side (fig. G).

The circuit depends on a pump which provides a maximum delivery of 48.4 l/min and is capable of operating up to 6 auxiliary drives.

The simple- and double-acting auxiliary valves can be conveniently operated by levers located on the driver's right (fig. H).

Easy-access, high-quality quick-release couplings, mounted either on the front or rear of the tractor, ensure optimum versatility and improved tractor productivity (fig. G/I).



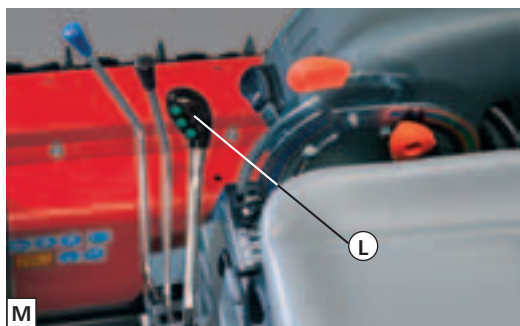


## Driver's seat on iso-mounted platform (T-F and T-M models)

The driving seat is on an iso-mounted platform and features ergonomically and logically arranged controls. The new sprung seat with armrests ensures maximum comfort when working on rough grounds. The balance panels on the driver's sides are designed to match perfectly with the rounded line of the bonnet and are equipped with grab bars that will also protect the driver from low hanging branches. The foldable two-post ROPS is ideally suited for working in canopy orchards and vineyards (fig. L).



L



M

## Powerful hydraulic system and auxiliary valve versatility (T-F and T-M models)

The hydraulic system provides a maximum total flow of 66 l/min. The auxiliary valves can be conveniently operated by levers located on the driver's right.

On request, it is possible to a diverter electro-hydraulic three-way controlled by a lever (L) with three push-buttons, it allows to command to second of the push-button that presses on the lever dedicated a rear or front distributor (fig. M).

Easy-access, high-quality quick-release couplings, mounted either on the front or rear of the tractor, ensure optimum versatility and improved tractor productivity (fig. N/O).

## Tracks and roller track frames

Each track is supported by 5 permanently-lubricated roller track frames. The tension of the tracks is ensured by a hydraulic tensioner device. The front leaf spring suspension absorbs the roughness of the ground. The track shoes are offered in a choice of 4 widths: 310, 360, 400 and 450 mm.



N



O

