



The *McCormick* C-Max (T3), equipped with either cab or platform, adds a new level of economic functionality to the McCormick line.

With power ranging between 74 and 102 hp, these new four models place themselves just one step below the "CX" series, offering all the features required for this kind of tractors, but with a simpler, economy-driven design in comparison to the *McCormick* "CX" Series.

Powered by the new, reliable 1104D Series *Perkins Tier 3* engines - including two turbo aftercooled models - to match the

rugged tractor design, the *McCormick* "C-Max" range combines excellent performance with maximum reliability.

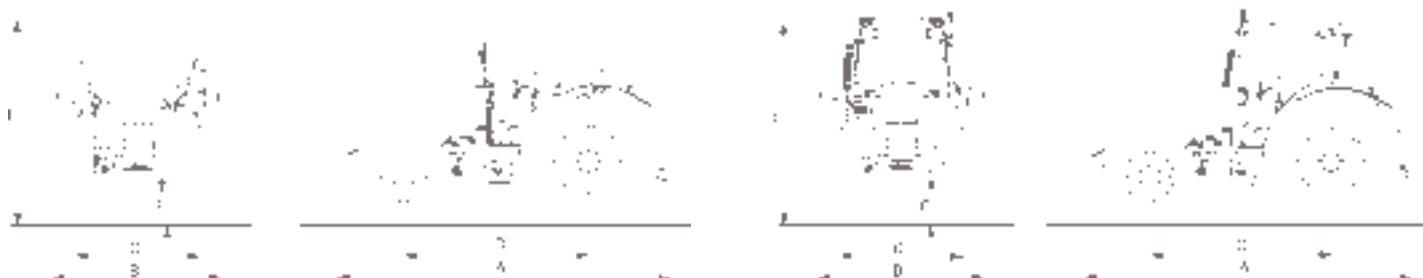
The key features of the range include a mechanical-controlled transmission with reverse power shuttle, powerful hydraulics for operating a mechanical hitch with a high lift capacity and 100% differential locks.

With either a platform or high-visibility cab, a fully adjustable sprung seat, ergonomically-arranged controls and easy-to-read analog instruments, the "C-Max" range allows the operator to work with maximum comfort.

McCORMICK

		C80 MAX (T3) SYNCHRO SHUTTLE	C90 MAX (T3) SYNCHRO SHUTTLE	C100 MAX (T3) SYNCHRO SHUTTLE	C110 MAX (T3) SYNCHRO SHUTTLE
ENGINE					
PERKINS TIER 3 DIRECT-INJECTION ENGINE		1104D-44	1104D-44T	1104D-44TA	1104D-44TA
MAX. POWER (ISO)	HP/KW	74 / 54,5	83 / 61	92,5 / 68	102 / 75
MAX. TORQUE	NM	261	352	393	416
DISPLACEMENT / NR. OF CYLINDERS	CM ³	4400/4	4400/4 TURBO	4400/4 TURBO AFTERCOOLER	4400/4 TURBO AFTERCOOLER
FUEL TANK CAPACITY	LT	102	102	102	102
CLUTCH					
INDEPENDENT DRY DUAL CLUTCH	MM (IN.)	275,8 (11)	275,8 (11)	304,8 (12)	304,8 (12)
MECHANICAL CONTROL		●	●	●	●
TRANSMISSION					
SYNCHRO SHUTTLE + SPEED FOUR: 12FWD+12REV (ONLY 2WD)		○	○	○	○
SYNCHRO SHUTTLE + SPEED FOUR + UNDERDRIVE: 24FWD+12REV (30 KM/H) (ONLY 2WD)		●	●	●	●
SYNCHRO SHUTTLE + SPEED FOUR + CREEPER: 24FWD+12REV (30 KM/H)		○	○	○	○
SYNCHRO SHUTTLE + SPEED FOUR + OVERDRIVE: 24FWD+12REV (40 KM/H)		●	●	●	●
ELECTROHYDRAULIC REAR DIFFERENTIAL LOCK (ONLY 2WD)		●	●	●	●
POWER TAKE-OFF					
MECHANICAL CONTROL		●	●	●	●
2 SPEEDS 540/750 RPM.		●	●	●	●
2 SPEEDS 540/1000 RPM		○	○	○	○
1"3/8 (34.9MM) PTO SHAFT WITH 6 SPLINES		●	●	●	●
GROUND SPEED PTO		●	●	●	●
NET PTO POWER (ISO)	HP/KW	63 / 46,5	70,5 / 52	79 / 58	86,5 / 63,5
FRONT 4WD AXLE					
MECHANICAL 4WD ENGAGEMENT		●	●	●	●
MAX. STEERING ANGLE		55°	55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCK		●	●	●	●
BRAKES					
REAR WET BRAKES		8 DISCS	10 DISCS	10 DISCS	10 DISCS
FRONT WET BRAKES - 4 DISCS		●	●	●	●
IBS - INTEGRAL BRAKING SYSTEM		●	●	●	●
HYDRAULIC HITCH					
MECHANICAL CONTROL		●	●	●	●
STD LIFT CAPACITY	KG	2.600	2.600	2.600	2.600
LIFT CAPACITY WITH TWIN ASSISTOR RAMS	KG	3700 ○	3700 ○	3700 ○	4350 ○
TOTAL HYDRAULIC FLOW (HITCH+STEERING)	LT/MIN	52,3+29,9	52,3+29,9	52,3+29,9	52,3+29,9
THREE-POINT LINKAGE CAT. 2		●	●	●	●
NO. OF REMOTE VALVES (WITH JOYSTICK)		2 (4)	2 (4)	2 (4)	2 (4)
CAB AND DRIVING POSITION					
"DELUXE" CAB / RADIO ADAPTOR		●	●	●	●
AIR-CONDITIONING		●	●	●	●
ANALOG INSTRUMENT PANEL		●	●	●	●
DIMENSIONS AND WEIGHTS					
FRONT TYRES 4WD		12.4-24	12.4-24	13.6-24	380/70 R24
REAR TYRES		16.9-30	16.9-30	16.9-34	480/70 R34
A - LENGTH (WITH BALLAST)	MM	4136	4136	4136	4160
B - MIN. WIDTH	MM	1945	1945	2034	2110
C - FRONT TRACK ADJUSTMEN 4WD	MM	1553-1954	1608-1954	1540-1967	1740-2167
C - REAR TRACK ADJUSTMENT	MM	1508-1908	1515-2008	1612-2012	1612-2012
D - WHEELBASE 2WD/4WD	MM	2341-23166	2341-2316	2341-2316	2365-2340
E - HEIGHT OVER ROPS	MM	2510	2510	2550	2560
E - HEIGHT OVER CAB	MM	2518	2518	2558	2563
F - GROUND CLEARANCE 4WD	MM	425	425	475	475
WEIGHT 4WD (WITHOUT BALLAST) + (150KG CAB)	KG	3330	3330	3330	3450

Key: ● standard ○ option — not available



NEW

80-90-100-110 (T3)

C-MAX




McCORMICK



C-MAX (T3),
so simple,
so efficient

ENGINE

The C-MAX tractors are powered by a new range of advanced, environment-friendly engines that provide low emission levels in accordance with the *Tier 3* standards. Specially designed for farming applications, the new *Perkins 1104D* are modern engines that provide state-of-the-art technology and solutions. The range comprises four models delivering the following power ratings: 74 hp (naturally aspirated), 83 hp (turbo), 92.5 and 102 hp (turbo *aftercooled*).

These engines feature an advanced fuel injection system that optimises air-fuel mixture, thereby improving combustion and engine efficiency. Higher horsepower and torque with lower operating costs are thus achieved.

The forward tilting hood provides easy access to the engine compartment for routine service and maintenance (*fig. A*).

FRONT AXLE

The front four-wheel drive axle with 55° steering angle features wet disc brakes. The combined action of front and rear brakes ensures safe, effective braking on all four wheels (*fig. B*).

TRANSMISSION

The modular standard transmission (*Speed Four*) provides 3 ranges and 4 speeds in each range, resulting in a total of 12 forward and 12 reverse speeds with mechanical synchro shuttle. The standard gearbox can be combined with either an underdrive (only for 2WD versions) or a creep option to provide 24 forward and 12 reverse gears with a maximum speed of 30 km/h.

An overdrive option is also available for 4WD models to provide 24+12 gears with 40 km/h maximum speed. The synchro shuttle lever is conveniently located to the driver's left to enable easy direction changes.

The same lever can be used to alternately engage the underdrive, creep or overdrive option (*fig. C-D*).

INSTRUMENT PANEL

An easy-to-read analog instrument panel keeps the operator constantly informed of the tractor performance and conditions (*fig. E*).



A



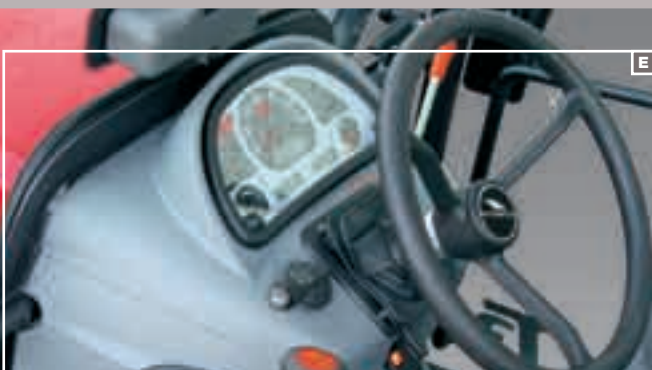
B



C



D



E





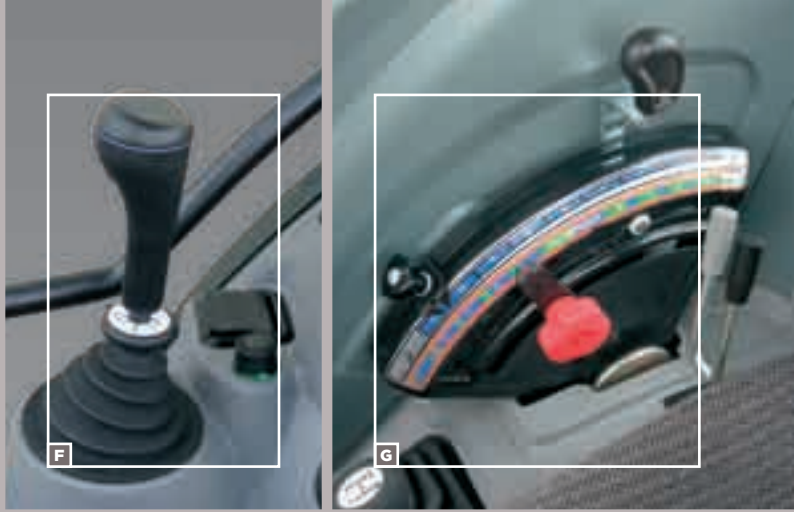
Comfort and ergonomics,
a **winning** combination.

MECHANICAL HITCH

The hydraulic system provides a maximum total flow of 82 litres/min.

The hitch, equipped with a cat. 2 three-point linkage, provides position, draft, intermix and float control functions and ensures a maximum lift capacity of 4350 kg (*fig. F-H*).

The system features up to 4 remote valves, two of which controlled by joystick for front loader work (*fig. F*), and two controlled by standard levers conveniently located beside the driver's seat (*fig. G*).



CAB

The first thing you appreciate when you step into the "Deluxe" cab of the C-MAX is the superb all-round visibility offered by the fully-glazed rear-hinged side doors.

The cab interior is finished with modern composite materials from the automotive industry.

All controls are logically-arranged and conveniently located in ergonomic position, according to current standards.

The heating, ventilation and air-conditioning system, integrated into the cab roof, offers the driver significant benefits in terms of comfort, safety and health.

The ventilation system is integrated by two filters designed to purify the air inside the cab. Optionally, the cab can be provided with activated-carbon filters, to protect the operator during pesticide spraying. The roof features a fixed clear sunroof for working with front loaders, and four lights for night work. Natural ventilation is ensured by the opening front and rear windscreens (*fig. I*).

Also the iso-mounted platform offers an ergonomic driving position with adjustable sprung seat and steering wheel to maximise the driver's comfort.

The two-post ROPS can be equipped with a sun canopy as an option.

