

## THE C-MAX RANGE

58, 68, 81, 91 and 98hp models.

The McCormick C-Max Range adds a new level of economic functionality to the McCormick line-up.

Ranging from 58 – 98hp, these 5 new models are neatly positioned between the CX and the C Series, offering enhanced features over and above the C Series, yet economic and simplistic features in comparison to the CX.

Equipped with reliable 1103 and 1104 Series Perkins engines, to complement the robust, rugged product design, the McCormick C-Max range provides outstanding performance with maximum durability.

User friendly features include a shuttle transmission, a mechanically operated hitch with a high lift capacity, and 100% locking front and rear differential. With an ISO-mounted platform, adjustable sprung seat, easy to read analogue dashboard the driver is well equipped to complete all his tasks for the day.

## APPLICATIONS

**A General Utility Tractor**

The C-Max is the ideal utility tractor for loader and general farm work. The forward/reverse synchro shuttle provides quick and easy directional change, whilst the 55° steering angle enables the nimblest of movements in confined spaces.

**A Grassland Worker**

An ideal tractor for grassland farms, the C-Max is equipped with fully independent PTO system with a good choice of PTO speeds. In addition, a creep option provides those extra speeds for specialist operations.

**Tillage? Not a Problem**

With generous capacity and a high pressure pump, the C-Max models make ideal tillage tractors for small farms. With optional assistor rams, additional lifting power is available to facilitate the use of a wide range of tillage equipment.

**Down the Road**

With transmission options offering up to 40kph and true four-wheel braking, the C-Max can travel safely and effectively in transport operations.

## TECHNICAL DATA

	C60 Max	C75 Max	C85 Max	C95 Max	C105 Max
<b>"GREEN" ENGINE</b>					
Perkins "Euro 2/Tier2" direct-injection engine	1103C-33	1104C-44	1104C-44	1104C-44T	1104C-44T
Max. power (ISO) hp/kW	58.5/43	68.2/50.2	81.6/60	91.9/67.6	98.6/72.5
Rated speed rpm	2200	2200	2200	2200	2200
Max. torque Nm	222	273	292	380	364
Max. torque speed rpm	1400	1400	1400	1400	1400
Bore/stroke mm	105/127	105/127	105/127	105/127	105/127
Displacement (cm <sup>3</sup> ) / no. of cylinders Turbo	3300/3	4400/4	4400/4	4400/4T	4400/4T
Fuel tank capacity ltr	102	102	102	102	102
<b>CLUTCH</b>					
Independent dry dual clutch mm (inch)	275.8 (11)	275.8 (11)	275.8 (11)	304.8 (12)	304.8 (12)
Drive disc material	cerametallic	cerametallic	cerametallic	cerametallic	cerametallic
Mechanically operated	Standard	Standard	Standard	Standard	Standard
<b>TRANSMISSION</b>					
Rev. synchro shuttle: 12FWD + 12REV	Standard	Standard	Standard	Standard	Standard
Rev. synchro shuttle + creeper: 24FWD + 12REV	Optional	Optional	Optional	Optional	Optional
Rev. synchro shuttle + overdrive: 24FWD + 12REV (40Km/h)	Optional	Optional	Optional	Optional	Optional
<b>POWER TAKE-OFF</b>					
Mechanical engagement	Standard	Standard	Standard	Standard	Standard
2 speeds 540/750 rpm	Standard	Standard	Standard	Standard	Standard
2 speeds 540/1000 rpm	Optional	Optional	Optional	Optional	Optional
1 1/8" (34.9 mm) PTO shaft with 6 splines	Standard	Standard	Standard	Standard	Standard
Ground speed PTO	Standard	Standard	Standard	Standard	Standard
<b>4WD FRONT AXLE</b>					
Epicyclic final drives	Standard	Standard	Standard	Standard	Standard
Mechanical 4WD engagement	Standard	Standard	Standard	Standard	Standard
Max. steering angle	55°	55°	55°	55°	55°
100% Twin-Lock electrohydraulic front/rear diff-locks	Standard	Standard	Standard	Standard	Standard
<b>BRAKES</b>					
Oil-immersed rear brakes	8 discs	8 discs	10 discs	10 discs	10 discs
Oil-immersed front brakes, (4 discs)	Optional	Optional	Optional	Optional	Optional
<b>HYDRAULIC LIFT CAPACITY</b>					
Draft, position intermix control	Standard	Standard	Standard	Standard	Standard
Mechanically operated	Standard	Standard	Standard	Standard	Standard
STD lift capacity Kg	2600	2600	2600	2600	2600
Lift capacity with 2 assistor Rams Kg	3700 Optional	3700 Optional	3700 Optional	3700 Optional	4350 Optional
Max. operating pressure bar	180	180	180	180	180
Hydraulic pump output (Hitch steering) ltr/min	52.3+29.9	52.3+29.9	52.3+29.9	52.3+29.9	52.3+29.9
Cat 2 three-point linkage	Standard	Standard	Standard	Standard	Standard
Auxiliary valves available (with joystick control)	2 (4)	2 (4)	2 (4)	2 (4)	2 (4)
<b>OPERATOR PLATFORM</b>					
Mechanical suspension seat	Standard	Standard	Standard	Standard	Standard
Analog instruments	Standard	Standard	Standard	Standard	Standard
<b>DIMENSIONS AND WEIGHTS</b>					
Front tyres	12.4-24	12.4-24	11.2-24	13.6-24	380/70 R24
Rear tyres	16.9-30	16.9-30	16.9-34	16.9-34	480/70 R34
Length (with ballast) mm	4018	4136	4136	4136	4160
Wheelbase 2WD/4WD mm	2223/2198	2341/2316	2341/2316	2341/2316	2365/2340
Height to steering wheel mm	1740	1740	1790	1790	1790
Height over hoodsheet mm	1630	1630	1680	1680	1680
Ground clearance 4WD mm	380	380	430	430	430
Height to top of ROPS mm	2510	2510	2560	2560	2560
Min. width mm	1631	1631	1732	1732	1760
Min. turning radius (without brakes) 4WD mm	4000	4100	4100	4100	4100
Weight (without ballast) 4WD Kg	3130	3330	3330	3330	3360
<b>TRACKS</b>					
Front track adjustment 4WD mm	1497-1897	1497-1897	1456-1938	1456-1938	1456-1938
Rear track adjustment mm	1192-1908	1192-1908	1292-2012	1292-2012	1292-2012
<b>OPTIONAL EQUIPMENT</b>					
7 front weights 36 kg each	Optional	Optional	Optional	Optional	Optional
2 rear weights 60 kg each	Optional	Optional	Optional	Optional	Optional
Hydraulic trailer brakes	Optional	Optional	Optional	Optional	Optional
Assistor Rams	Optional	Optional	Optional	Optional	Optional

Your dealer is:



## C-Max

60 / 75 / 85 / 95 / 105



## The name says it all

## An excellent heritage



The McCormick brand is a true classic in the manufacture of agricultural machinery and equipment. From the world's first ever practical reaper in 1831 through the long and distinguished line of tractors that followed, the McCormick badge epitomised quality, craftsmanship and innovative design. Now the name that pioneered a transformation in agricultural efficiency for more than a century and a half is reborn.

## A wealth of experience

Manufacturing is based at plants which themselves have a long and distinguished track-record of tractor production. The award-winning workforce is highly skilled and experienced. Who better to breathe new life into the McCormick legend.

## A commitment to quality

The McCormick tractors of the 21st century remain true to the values and principles that made McCormick a world-beater for so many years. That means no compromises in quality. It ensures strict compliance with some of the most demanding manufacturing standards in the industry. And, not least, it heralds a renewed mission to achieve ever-increasing productivity levels for our customers.

## Renowned reliability

McCormick tractor users from yester-year still happily relate stories of their unrivalled reliability and appetite for work. Whilst, technologically, the new generation of machines bear little resemblance to their predecessors, they are every bit as dependable - and more so. Every single working part is designed to last - even in the most punishing environments. Hour after hour, day after day, out in the field or in the yard, a McCormick tractor won't let you down.

## THE McCORMICK C-MAX

The McCormick C-Max has a choice of three transmission options, all of which are equipped with a reliable synchro-shuttle for precise and easy engagement.

The base transmission has 12F + 12R speeds which provides operators with a simple, reliable product. For additional versatility, the creep option reduces the standard speeds by up to 80%, providing 12 additional forward speeds that go down to 300 metres per hour. But if it's a faster speed you're looking for, the Overdrive option facilitates C-Max speeds of 40kph – ideal for transportation purposes.



The synchro-shuttle provides effective directional change, and for added convenience, a neutral position is incorporated for periodic pauses.



The totally independent 540/750 or 540/1000 PTO maximises C-Max productivity, and can be engaged or disengaged by an ergonomically positioned lever. In addition, ground speed PTO is standard on all models, and effectively matches your travel speed.



The front and rear differential locks are 100% locking and can be simultaneously engaged at the press of a switch – ideal for extra traction requirements in difficult field conditions.



## C-MAX FEATURES

### Powered by Perkins

The McCormick C-Max range is powered by specially tailored, emission compliant Perkins 1103 and 1104 series engines.

Available as naturally aspirated or turbo-charged, these clean 3.3 and 4.4 litre engines feature a revised combustion chamber and cylinder head design to ensure maximum power and economy are delivered.

### Operating Environment

As all major controls are positioned either side of the operator's seat, access to the operator platform remains unrestricted. Situated on four 'silent bloc' mounted points, vibration and noise levels are kept to a minimum to enhance operator comfort. A 2-post foldable ROPS frame is fitted as standard on all C-Max platform models, and in addition, an optional canopy is also available.

### Safe and Efficient Braking

The wet, oil-cooled multi-disc rear brakes are hydraulically operated for outstanding braking ability. Two individual brake pedals can be operated independently for improved field turning. Alternatively, a robust clip locks the two pendant type pedals together for enhanced braking during transportation. In addition, the front axle option incorporates wet disc brakes for true four wheel braking resulting in ultimate braking ability. An optional non braking front axle is also available on the C95Max and the C105Max units.

### Convenient Engine Access

Engine access is easily achieved thanks to the one-piece rear hinged hood-sheet. Once opened, the operator or service engineer has a clear and accessible view of the serviceable components, and with additional access provided by easily removable side panels, complete unhindered access is achieved.

### Four-Wheel Drive

A mechanically engaged, four-wheel drive system provides additional traction as required. In addition, a 55° steering angle ensures excellent turning capabilities.

### User-friendly Hitch Control

McCormick C-Max models are equipped with a mechanically operated robust hitch that is simply and effectively operated by two main control levers. A Mode Selection Lever enables the operator to choose between Position, Draft, or Intermix modes. A main control lever is used to raise, lower and set the position of the linkage when operating in either the Position or Draft mode. In addition, an adjustable quadrant stop allows the lever to quickly return to the correct working setting.

The robust hitch is also equipped with a draft sensing system that can be set to compensate for the fluctuating draft forces arising from the various type of implement equipment used. This system ensures optimum performance and economy are achieved, whatever the application.

### Remote Valves

All McCormick C-Max models are fitted with a remote valve as standard, and a second is available as an option. Connections for the couplings are a push-pull type and are available in various configurations for optimum flexibility.

In addition, an optional joystick control is also available to increase the number of remote valves to a maximum of four. This extends the C-Max flexibility even further as the joystick facilitates the use of additional attachments such as front end loaders.

### Fuel Tank

All models are equipped with a 102 litre fuel tanks specially designed for faster, splash-free filling and more hours in the field.

For farmers requiring exceptional ground clearance, three of the C-Max models are also available as High Clear versions (HC). HC versions are equipped with four equal sized wheels, a high clearance front axle and front axle bolster and re-positioned rear final drive housing. This combination ensures that the McCormick C-Max HC models are ideally suited to crop spraying or vegetable work as the exceptional ground clearance reduces the amount of potential crop damage. The HC option is available on the 85, 95 and 105 C-Max models.



State-of-the-art engine technology, with Perkins 1103 and 1104 Series engines.



Ergonomically located controls and unhindered access.



Excellent access for servicing and routine maintenance.



Simplicity through the mechanical hitch control.