

# The CX Range

53 - 102hp



**McCORMICK**





## ADDITIONAL FEATURES

State-of-the-art engine technology. Six powerful new high torque, lean burn engines specifically tailored for the CX range, from 2.7 to 4.2 litre, naturally aspirated or turbo charged versions.

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The Deluxe cab with spacious, ergonomically designed interior for maximum operator comfort and control. With a noise level of only 73 dB(A) the cab with luxury interior creates the ideal environment for long hours in the field.

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"A" post exhaust and fully tilting engine hood (4 cylinder models) gives instant access to the air filter, engine and radiator for easier maintenance and service checks.

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Synchromesh shuttle transmission may be fitted with a number of options including creep speed and powershift in 30 kph and 40 kph versions, with up to 24 forward and 12 reverse speeds. The forward/reverse shuttle lever mounted on the left side of the steering wheel gives additional operator comfort.

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Rugged four-wheel drive front axle designed to give an excellent ground clearance, tight turning circle and high load capacity. Two wheel drive option available on most models.

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Electronic sensing provides superior control to the powerful rear three point hitch. 60 litres of uninterrupted hydraulic oil flow is available directly to the remote valves, for maximum productivity of implements.

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For easy access and maximum operator safety, non-slip steps provide sure footing to wide-opening doors and a flat deck cab.

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155 litre fuel tank designed for faster, splash-free filling and more hours in the field.

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The Low Profile option is the perfect choice for mixed or dairy farming. A tinted glass window in the roof guarantees excellent upward vision when operating a front loader around the yard or inside low sheds and buildings.

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## 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

What home could be more fitting for the new generation of McCormick tractors than Doncaster, England. Manufacturing is based at a plant which itself has 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.

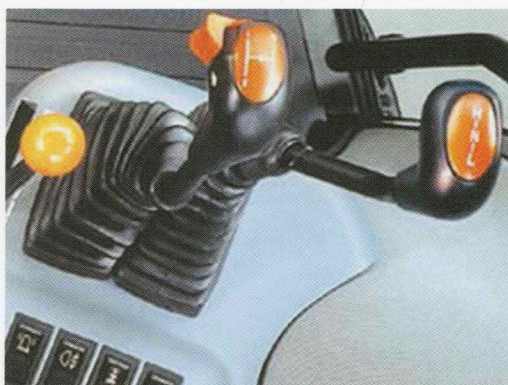
## KEY FEATURES



Superb all-round vision.



Deluxe cab available.



Range and speed gear levers mounted on the right hand console for maximum control and easy shifting.



Synchro shuttle transmission with creep speed option for outstanding performance in the field.

## THE CX RANGE

53, 64, 73, 84, 90 and 102hp models.

If there's one word that sums up the CX tractor, it has to be 'versatility'. Whatever the task, the CX has got what it takes to handle the job.

For grassland work, row crop or loader operations, the CX takes it all in its stride.

A small turning circle allows you to work in the tightest of spaces. A rugged four-wheel drive system, lean burn, high torque 3 and 4 cylinder diesel engines, synchromesh shuttle transmissions, and optional powershift and creep speeds, all combine to maximise productivity on virtually any terrain. And that's not all. While the CX gets on with the job, you take control in total comfort with class-leading luxury and panoramic vision from your choice of Deluxe or Low Profile cab.

## APPLICATIONS



### Cereals

CX takes cultivation and crop care in its stride. Its versatility and unrivalled visibility provide precise control, the optional front hitch and PTO are ideal for dual operations.



### Row Crop and Vegetables

A flexible transmission with creeper option delivers the right speed for all operations from planting to harvesting.



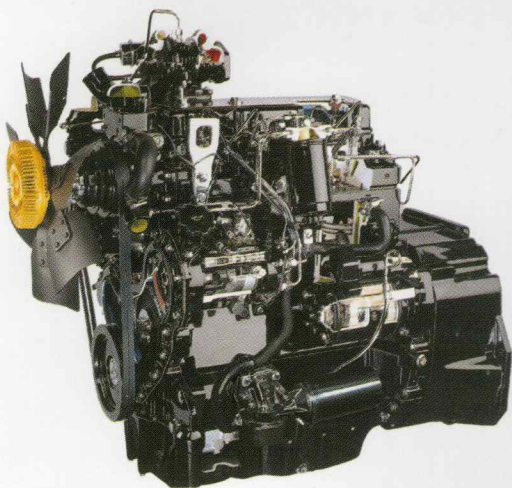
### Transportation and Material Handling

Excellent speed ranges and shuttle transmission coupled with powerful wet disc brakes provide versatility, speed and safety.



### Dairy & Livestock

This highly manoeuvrable tractor with powerful hydraulics easily handles loaders, bale wrappers and mowers.



Powerful high torque engines deliver performance and economy.



Outstanding daily and routine service access.



Well laid out controls ensure precise operation.



Low Profile cab, with optional opening front window.

# TECHNICAL DATA

	CX50	CX60	CX70	CX80	CX90	CX100
<b>ENGINE</b>						
Type	3 Cylinder	3 Cylinder turbo	4 Cylinder	4 Cylinder turbo	4 Cyl. Wastegate turbo	4 Cyl. Wastegate turbo
Capacity litres	2.7	2.7	4.2	4.0	4.0	4.0
Bore x stroke mm	95 x 127	95 x 127	103 x 127	100 x 127	100 x 127	100 x 127
Maximum power - hp (kW)	53 (39)	64 (47)	73 (54)	84 (62)	90 (66)	102 (75)
Rated engine speed rpm	2250	2250	2200	2200	2200	2200
Maximum torque Nm	117	222	271	325	355	402
Torque rise %	13	19	21	27	24	25
<b>TRANSMISSION</b>						
Clutch type/diameter				Single dry diaphragm - 304 mm		
8 + 8 Synchro shuttle	Standard	Standard	Standard	-	-	-
16 + 8 Powershift	Optional	Optional	Optional	Standard	Standard	Standard
24 + 12 Creep speed	Optional	Optional	Optional	Optional	Optional	Optional
40 kph transmission	-	-	-	-	Standard	Standard
<b>POWER TAKE OFF</b>						
Clutch type				Hydraulically actuated, independent multi plate wet clutch		
Shiftable PTO	-	-	-	Standard	Standard	Standard
Number of shafts/splines	1/6	1/6	1/6	1/6	1/6	1/6
PTO speeds rpm	540	540	540	540/1000	540/1000	540/1000
Engine rpm @ PTO speed	1954	1954	1954	2000/2000	2000/2000	2000/2000
<b>HYDRAULIC SYSTEM</b>						
System type				Open centre		
Pump flow to remotes l/min	53	53	60	60	60	60
Control type	EHR	EHR	EHR	EHR	EHR	EHR
Maximum lift capacity kg	2040	2040	2040	-	-	-
With single assistor ram kg	-	-	-	2957	-	-
With twin assistor rams kg	-	-	-	-	3875	3875
Lift @ link ends horizontal kg	1972	1972	1972	2914	3816	3816
<b>STEERING AND FOUR-WHEEL DRIVE</b>						
Steering type				Hydrostatic		
Turning radius 2WD/4WD metres	3.7/4.24	3.7/4.24	4.4/4.48	4.4/4.48	4.4/4.48	4.4/4.48
MFD engagement				Electro-hydraulic		
Steering angle °	55	55	55	55	55	55
<b>CAPACITIES</b>						
Fuel tank litres	155	155	155	155	155	155
Transmission/hydraulics litres				34.5 (2WD) 37.0 (4WD)		
<b>WEIGHTS, DIMENSIONS AND TYRES</b>						
LP Cab: 2WD kg	3235	3235	3285	3285	3285	3285
4WD kg	3545	3545	3770	3770	3770	3770
DL Cab: 2WD kg	-	-	-	3355	3355	3355
4WD kg	-	-	-	3840	3840	3840
Overall length mm	4067	4067	4209	4209	4209	4209
Wheelbase 2WD/4WD mm	2154/2214	2154/2214	2237/2356	2237/2356	2237/2356	2237/2356
Overall width mm			2147 (wide fenders) - 1964 (narrow fenders)			
Control centre height - LP metres	2.5	2.5	2.54	2.54	2.54	2.54
Control centre height - DL metres	-	-	-	2.74	2.74	2.74
Tyres Front 2WD	6.00 - 16	7.50 - 16	7.50 - 16	10.00 - 16	10.00 - 16	10.00 - 16
Tyres Front 4WD	8.3 R24	11.2 R24	11.2 R24	12.4 R24	12.4 R24	12.4 R24
Tyres Rear	12.4 R32	13.6 R36	13.6 R36	16.9 R34	16.9 R34	16.9 R34

CX70, CX80, CX90 and CX100	Gear	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
16F 8R 40km/h	Forward	2	2.5	3.6	4.4	5.3	6.4	8.4	10.1	7.7	9.3	13.5	16.4	20.1	24.2	31.5	37.9
16.9R34 tyres	Reverse	2.2	3.9	5.8	9.1	8.4	14.8	21.9	34.3								

CX70, CX80, CX90 and CX100	Gear	1	2	3	4	5	6	7	8								
24F 12R 40km/h creep speeds	Forward	0.32	0.39	0.58	0.7	0.85	1.03	1.33	1.6								
16.9R34 tyres	Reverse	0.35	0.63	0.93	1.46												

CX70, CX80, CX90 and CX100	Gear	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
16F 8R 30km/h	Forward	1.9	2.3	3.3	3.4	5.3	6.4	6.9	8.3	7	8.8	12.4	15	20.1	24.2	25.8	31.1
16.9R34 tyres	Reverse	2.1	3.6	5.9	7.6	7.8	13.7	22.1	28.4								

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