

20-30-35 STD / GE

NEW

X2



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McCORMICK



MCCORMICK X2.30 STD



MCCORMICK X2.30 GE

New McCormick X2 Series, a worthy successor to the GM



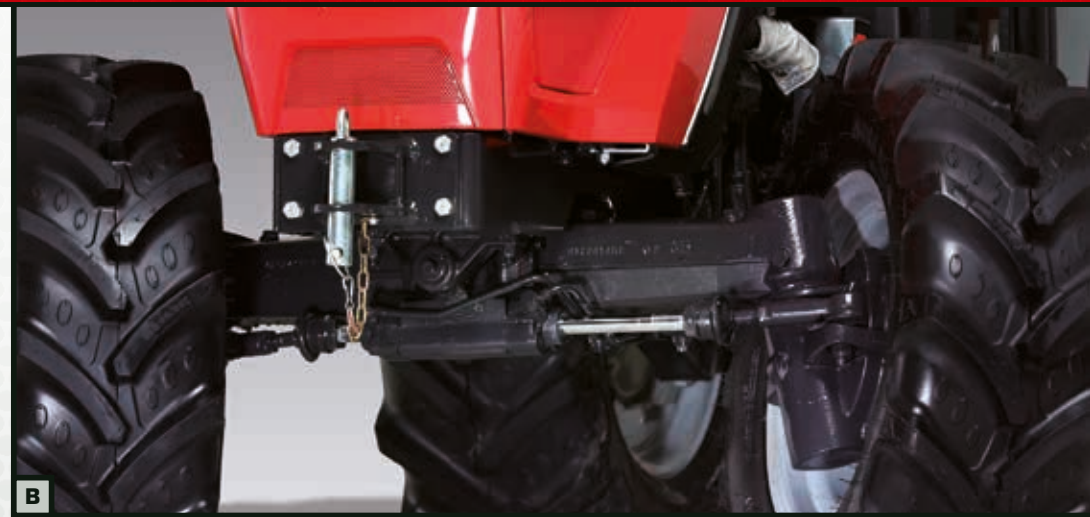
Launched to replace the existing GM range, the X2 Series are compact nimble tractors ideal for easy manoeuvring in tight spots. The hood and cab roof have been completely redesigned with a modern look matching the new McCormick family styling. The X2 Series comes in two models: STD with the choice of either cab or platform, and GE only available in platform version. On the GE model, the design of the front axle and rear final drives allows the driving position to be lowered by 95 mm as compared to the STD version; this results in better performance in tight and low spaces such as overhead trellis vineyards and greenhouses. Fitted with 24-inch rear tyres, the X2 Series tractor has a minimum overall width of 1254 mm and a steering wheel height of only 1218 mm, making them extremely compact vehicles. For an even slimmer profile, the tractor can be optionally equipped with 20-inch rear tyres. The X2 Series features as standard a synchro shuttle transmission with 12 forward and 12 reverse gears. This can be optionally equipped with a creeper providing 16 forward and 16 reverse speeds. All controls are

ergonomically arranged on the driver's sides for maximum comfort and ease of operation. The mechanically-operated PTO is available with a choice of either one or two speeds. The hydraulic system provides a flow rate of 48 l/min. The three-point hitch Category I is mechanically operated and can lift up to 1200 kg. The X2 Series tractor can be fitted with up to three simple- and double-acting remote valves. The GE and STD versions differ in the design of the operator platform. The cab, available only on the STD model, is a four-post design with rear-hinged doors that provides easy access to the driver's position and excellent all-round visibility. The cab roof incorporates an efficient air-conditioning system and four powerful work lights for night-time operation. Powered by Yanmar four-cylinder naturally aspirated and turbocharged engines, the X2 Series tractors can be optionally equipped with a front hitch and PTO for added versatility.



ENGINE

The X2 Series tractors are powered by Yanmar TNV four-cylinder naturally aspirated and turbocharged engines with power ratings of 44, 47.5 and 51 hp. These engines deliver high horsepower and torque backup while ensuring quiet, eco-friendly performance and excellent fuel economy. Equipped with exhaust gas recirculation system (EGR), the 16-valve four-cylinder turbo engine fitted on the X2.35 model delivers superior performance. Fully redesigned to reflect the new McCormick family styling, the hood opens wide to provide easy access to the engine compartment for routine service and maintenance (fig. A).



FRONT AXLES

The X2 Series tractors offer a choice of two four-wheel drive front axles providing different ground clearance for the STD and GE models. Featuring a differential lock with electrohydraulic engagement and a 55-degree steering angle, the front axle

provides maximum traction even in the toughest ground conditions. For added versatility, the tractor can be optionally equipped with a front hitch, to be integrated into the radiator offering a lift capacity of 400 kg and with a 1000-rpm PTO (fig. B).

TRANSMISSION

The standard gearbox offers 12 forward and 12 reverse speeds and can be optionally equipped with a creeper unit to provide 16 forward and 16 reverse speeds. The synchro shuttle allows for smooth shifting between forward and reverse (fig. C). Instruments are intuitive and easy to read and controls are ergonomically arranged on the driver's sides for maximum comfort and ease of operation (fig. D).





KEY FEATURES & BENEFITS

- › YANMAR 4-CYLINDER NATURALLY ASPIRATED AND TURBOCHARGED ENGINES
- › HOOD AND CAB ROOF DESIGN MATCHING THE NEW McCORMICK FAMILY STYLING
- › TWO MODELS – STD AND GE. GE MODEL WITH DRIVING POSITION LOWERED BY 95 MM
- › FRONT HITCH AND PTO AVAILABLE AS OPTION
- › 12/12 SPEED TRANSMISSION WITH OPTIONAL CREEPER
- › SYNCHRO SHUTTLE LEVER ADJACENT TO THE STEERING WHEEL
- › CAB WITH ALL-ROUND VISIBILITY FOR THE STD VERSION
- › DRIVING POSITION WITH FULLY ADJUSTABLE STEERING WHEEL AND SEAT

**E**

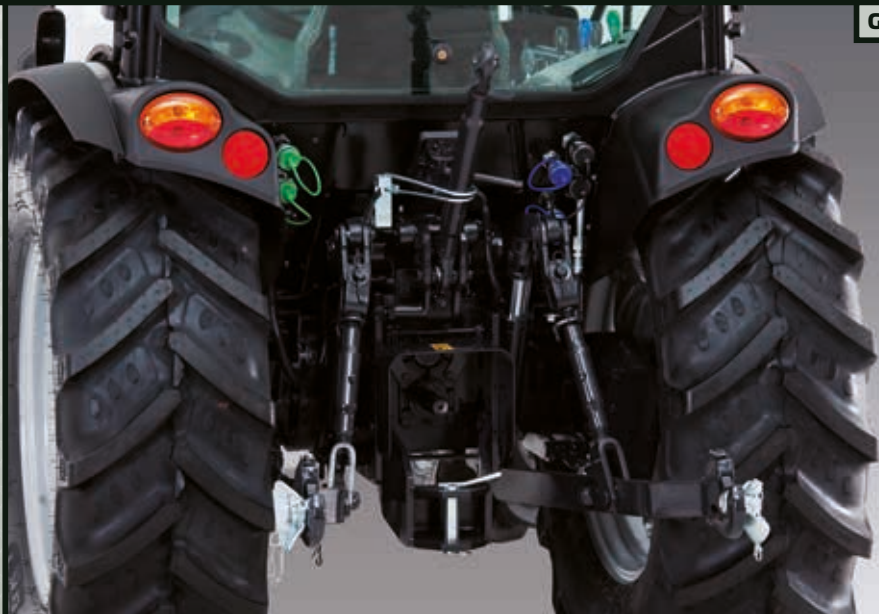
POWER TAKE-OFF

The 2 Series tractors come standard with a 540-rpm PTO. A two-speed PTO with 540/750 rpm is also available on request in combination with a ground speed PTO for maximum versatility of use. The PTO clutch is mechanically operated by lever (L) (fig. E).

**H****F**

MECHANICAL HITCH

The hydraulic system delivers a flow rate of up to 48 l/min. The three-point hitch Category I offers a maximum lift capacity of 1200 kg (fig. G). The X2 Series tractors can be fitted with up to three simple- and double-acting remote valves. Both the hitch and remote valves are operated via ergonomically-arranged intuitive controls located on the driver's right (fig. F).

**G**

CAB

Located on an iso-mounted platform, the driving position impresses with its ergonomic design and easy-to-use, logically-arranged controls. Restyled with a modern look, the new four-post cab offers enhanced all-round visibility for easy manoeuvring and safe implement operation. Featuring improved pressurization, lower noise levels and a new, more efficient air-conditioning system, the cab of the X2 Series tractor raises driver comfort to a whole new level (fig. H).

		X2.20	X2.30	X2.35
ENGINE				
YANMAR DIRECT-INJECTION ENGINE TIER3		4TNV84-KLAN	4TNV88-KLAN	4TNV84T-2XLAN
MAX. POWER (ISO)	HP/KW	44/32	47.5/35	51/37,5
RATED SPEED	RPM	2800	2800	2800
MAX. TORQUE	NM	129	141	159,5
MAX. TORQUE SPEED	RPM	1400	1200	2000
BORE/STROKE	MM	84X90	88X90	84X90
DISPLACEMENT / CYLINDERS / VALVES	CM ³	1995 / 4 / 8	2189 / 4 / 8	1995 /4 TURBO /16
COMPRESSION RATIO		19:1	19:1	18.9:1
WATER COOLING		●	●	●
AIR FILTER		DRY	DRY	DRY
FUEL TANK CAPACITY	LT	40	40	40
CLUTCH				
INDEPENDENT DRY DUAL CLUTCH MECHANICAL ENGAGEMENT	IN. (MM)	9 (228)	9 (228)	9 (228)
		●	●	●
TRANSMISSION				
BASIC TRANSMISSION+ SYNCHRO SHUTTLE 12FWD+12REV (30 KM/H)		●	●	●
BASIC TRANSMISSION+CREEPER+ SYNCHRO SHUTTLE 16FWD+16REV		○	○	○
POWER TAKE-OFF				
MECHANICAL ENGAGEMENT		●	●	●
1 SPEED 540 RPM (WITHOUT GROUND SPEED PTO)		●	●	●
2 SPEEDS 540/750 RPM		○	○	○
1"3/8 (34.9 MM) PTO SHAFT WITH 6 SPLINES		●	●	●
GROUND SPEED PTO ONLY WITH TWO-SPEED PTO		○	○	○
NET PTO POWER (ISO)	HP/KW	40/29	43/32	46 / 33,8
FRONT PTO				
MECHANICAL ENGAGEMENT		○	○	○
1 SPEED 1000 RPM		○	○	○
1"3/8 (34.9 MM) PTO SHAFT WITH 6 SPLINES		○	○	○
4WD FRONT AXLE				
MECHANICAL ENGAGEMENT		●	●	●
MAX. STEERING ANGLE		55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS		●	●	●
BRAKES				
MECHANICAL CONTROL		●	●	●
WET DISC REAR BRAKES, 6 DISCS		●	●	●
HYDRAULIC POWER LIFT				
DRAFT AND POSITION CONTROL FUNCTIONS		●	●	●
MECHANICALLY OPERATED		●	●	●
LIFTING CAPACITY	KG	1200	1200	1200
MAX. OPERATING PRESSURE	BAR	180	180	180
TOTAL HYDRAULIC FLOW (POWER LIFT+ STEERING)	L/MIN	28 + 19.7	28 + 19.7	28 + 19.7
THREE-POINT LINKAGE		CAT. 1	CAT. 1	CAT. 1
REAR REMOTE VALVES		2 ● / 3 ○	2 ● / 3 ○	2 ● / 3 ○

Key: ● standard ○ option — not available

		X2.20		X2.30		X2.35	
FRONT POWER LIFT							
MECHANICALLY OPERATED		○		○		○	
LIFTING CAPACITY	KG	400 ○		400 ○		400 ○	
THREE-POINT LINKAGE		CAT. 1N ○		CAT. 1N ○		CAT. 1N ○	
CAB AND DRIVING POSITION							
X2 SERIES CAB / RADIO FITTING FACILITY		NO FOPS ○ / FOPS ○		NO FOPS ○ / FOPS ○		NO FOPS ○ / FOPS ○	
HEATING / VENTILATION		○		○		○	
AIR-CONDITIONING		○		○		○	
OPENING REAR AND FRONT WINDSCREENS		○		○		○	
REAR WIPER		○		○		○	
ANALOG INSTRUMENTS		●		●		●	
SPRUNG SEAT		●		●		●	
ISO-MOUNTED PLATFORM		●		●		●	
DIMENSIONS AND WEIGHTS WITH STANDARD TYRES							
		STD	GE	STD	GE	STD	GE
FRONT TYRES		260/70R16	240/70R16	260/70R16	240/70R16	260/70R16	240/70R16
REAR TYRES		320/70R24	320/70R24	320/70R24	320/70R24	320/70R24	320/70R24
A - HEIGHT TO SAFETY FRAME	MM	2097	2003	2097	2003	2097	2003
A - HEIGHT OVER CAB	MM	2307	—	2307	—	2307	—
B - WHEELBASE 4WD	MM	1760		1760		1760	
C - TOTAL LENGTH WITH BALLAST WEIGHTS	MM	3225		3225		3225	
D - GROUND CLEARANCE	MM	385	295	385	295	385	295
E - MIN. WIDTH	MM	1383	1254	1383	1254	1383	1254
F - HEIGHT TO STEERING WHEEL	MM	1312	1218	1312	1218	1312	1218
G - FRONT TRACK ADJUSTMENT	MM	1083 - 1314		1083 - 1314		1083 - 1314	
H - REAR TRACK ADJUSTMENT	MM	872 - 1258		872 - 1258		872 - 1258	
TOTAL WEIGHT WITHOUT BALLAST (120 KG) 4WD (+CAB ONLY FOR STD MODEL 150 KG)	KG	1460		1460		1460	

Key: ● standard ○ option — not available

