

X2



2.055 - 2.060 STD - GE



McCORMICK X2: SMALL OUTSIDE, BIG INSIDE

Known worldwide for its ability to develop truly innovative technologies, McCormick continues its pursuit of excellence and continuous improvement with the new **X2**, a specialty tractor that combines best-in-class performance with full environmental compliance.

With its small footprint, its agility and its incredibly lightweight design, the **X2** ensures excellent manoeuvrability and minimum soil compaction, making it ideal for vegetable growing farms, orchards and vineyards, greenhouses and overhead trellis systems. The **X2** is also a great choice for municipal applications such as maintenance of green spaces, snow removal and salt spreading. Its light weight also helps to protect lawns in golf courses, parks and gardens.

Compact, simple, light, handy and comfortable, the new **X2** tractors are more powerful than their predecessors thanks to their Kohler KDI 1903 TCR eco-friendly engines meeting Stage V emissions regulations. These new engines deliver 49 and 57 hp and provide maximum torques of 180 and 200 Nm already at 1200 rpm.

Boasting a minimum bonnet height from ground of only 1230 mm for the STD version and 1130 mm for the GE version, the **X2** has the lowest bonnet in its class; this results in improved visibility to the front and easy operation in low-clearance areas. In addition, the tractor's tight turning radius and the wheelbase of only 1790 mm, the shortest in this category, make headland turns easier and faster, thereby reducing working time and operator fatigue while improving fuel economy.

Functional and aesthetic elements blend seamlessly in the new McCormick **X2** to create a sleek, lightweight design that offers uncompromising performance and comfort in a compact package.

Available in two models, the 2-055 and the 2-060, the **X2** is a truly versatile tractor that will perform all tasks with maximum efficiency. Each model comes in two versions:

- STD version: ideal for field vegetable growing, narrow-row orchards and vineyards; also available with high-visibility cab.
- GE version: designed for vegetable growing under glass, vineyards, low orchards and overhead trellis systems.

HIGHLIGHTS

Cab

- › X2 GE: bonnet and steering wheel have a minimum height from the ground of only 1130 mm, the lowest in this segment, making this tractor ideal for vegetable growing, greenhouse operations, vineyards, low-hanging orchards and overhead trellis systems.
- › With a minimum overall width of just 1203 mm, the X2 is equally at home between narrow rows.
- › Available in two versions: ROPS STD and GE, Cab STD.

Axle

- › Excellent weight distribution, low centre of gravity, 4WD front axle with differential lock and four-wheel braking system for maximum agility, better grip and greater stability on hillsides and sloping ground.

Transmission

- › Argo Tractors transmission with four gears and three ranges, synchro shuttle and optional creeper.

Engine

- › Kohler three-cylinder turbo aftercooled engine with common rail injection system meeting Stage V emissions regulations; 200 Nm peak torque at 1200 rpm and up to 37% torque backup for fast load response both in the field and on the road.
- › With power ratings of 49 hp and 57 hp, this is the most powerful X2 ever produced.

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EFFICIENCY IS THE TRUE ENGINE THAT DRIVES THE **McCORMICK X2**

X2, the efficiency that drives performance.

The X2 delivers a peak torque as high as 200 Nm. Plus, this torque value is reached already at 1200 rpm. This advantage, combined with up to 37% torque rise, ensures constant and fast response in any application along with improved fuel economy.

Compact and handy, in a word – capable.

Thanks to the ultra-compact size of its new Kohler KDI 1903 TCR engine, the McCormick X2 has a short wheelbase that provides a tight turning radius for easy manoeuvrability in any situation.

High visibility for increased productivity and reduced stress levels.

The small size of the new engine has allowed McCormick engineers to design a more compact bonnet in order to improve operator visibility. In addition, the Stage V after-treatment system is fitted on the lower part of the bonnet to keep the bonnet height unchanged for enhanced visibility during work.



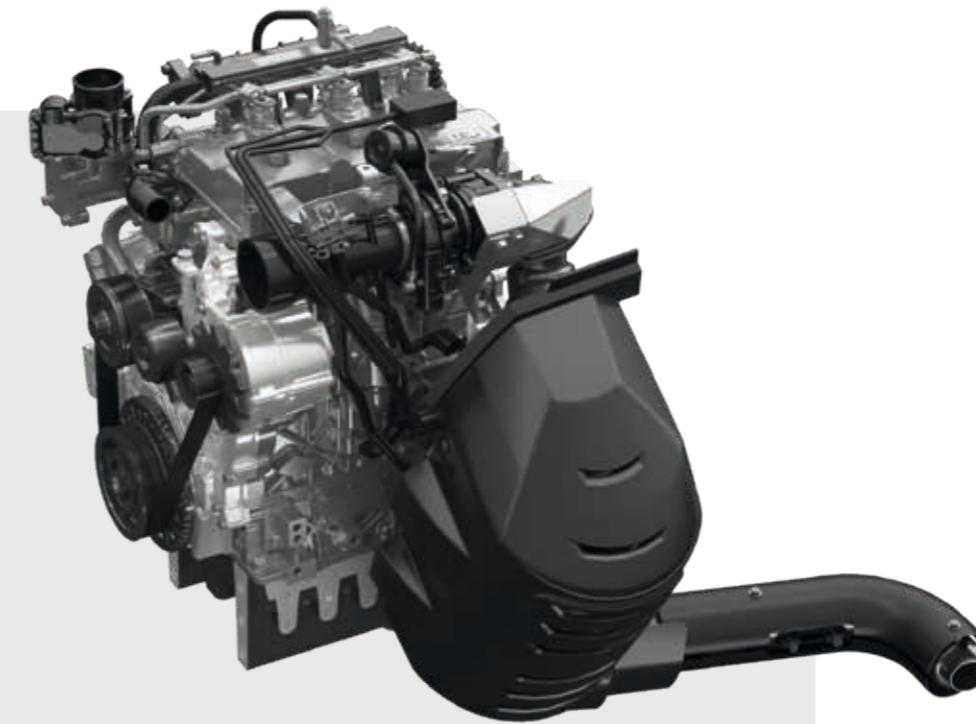
THE X2 INCREASES PRODUCTIVITY WHILE RESPECTING THE ENVIRONMENT

High efficiency and environmental sustainability are the hallmarks of the X2 series. The new Kohler KDI 1903 TCR three-cylinder turbo aftercooled engines with common rail injection system deliver 49 hp and 57 hp and meet Stage V emissions regulations, providing best-in-class power and response levels. With peak torque values of 180 Nm and 200 Nm and up to 37% torque backup, these engines deliver constant and optimum performance in any application. The 40-litre fuel tank ensures extended operation without refuelling. Fuel efficiency is further enhanced with the Engine Memo switch which saves engine speed settings for quick retrieval later. This feature makes work easier and faster, thereby improving operator comfort. The exhaust aftertreatment system with passive-regeneration diesel particulate filter (DPF) reduces downtime, maximizing tractor efficiency and productivity.



EGR/DOC/DPF system to meet Stage V Emissions Regulations

A new exhaust gas recirculation system (EGR), combined with a diesel oxidation catalyst (DOC) and a passive-regeneration diesel particulate filter (DPF), ensures full compliance with Stage V emissions requirements. The exhaust aftertreatment system is installed in the lower part of the bonnet to maintain the bonnet height from the ground, resulting in a more compact design and better forward visibility.





WITH THE X2, COMFORT AND PROFITABILITY RIDE TOGETHER

Many solutions, one goal: maximizing operator visibility.

The four-post cab design provides unequalled all-round visibility. The opening front and rear windscreens not only ensure optimum natural ventilation but also allow the operator to lean out of the cab to monitor implements during work. And that's not all: the Stage V exhaust aftertreatment system has been installed in the lower part of the bonnet to improve forward visibility while keeping the bonnet height unchanged.

The X2 puts operator comfort first.

The X2 is designed with operator comfort in mind. The driving position is roomy and allows optimal distance between the driver's seat and the steering wheel. The driver's seat with multiple adjustments is ample and comfortable and the steering wheel is tiltable. The cab version features rear-hinged doors for ease of access, a highly efficient climate control system and four work lights on the cab roof for low-light and night-time operation.

On the X2 design is functional to efficiency.

The new control area of the X2 features a functional design with modern ergonomic lines. A new electronic display allows the operator to keep everything under control: machine status, engine diagnostic information, warning lights and alarms, travel and PTO speeds, information on work area and consumptions. Also included is the Engine Memo Switch that allows operator to store and recall engine speed options, thereby simplifying and speeding up work.



X2 WITH FOLDING ROPS FOR STYLE AND PRODUCTIVITY

The ROPS version of the X2 strikes at first sight with its new design. A careful study of lines and surfaces creates a functional style where the tractor's dynamic shapes and low profile make work easier in any situation. The driving position is spacious, comfortable and safe, and ensures exceptional all-round visibility. Compact, ergonomically-designed and powerful, the X2 tractor aims at maximum productivity.

A driving position designed for comfort

All control levers are ergonomically positioned adjacent to the steering wheel. This leaves the central tunnel uncluttered for ease of access and maximum comfort of operation. The driving position is spacious and allows optimal distance between the driver's seat and the steering wheel. The ROPS version of the X2 is designed to put operator comfort first and foremost, making long workdays in the field less tiring and more productive.

HIGHLIGHTS

- › X2 GE: bonnet and steering wheel have a minimum height from the ground of only 1130 mm, the lowest in this segment; this makes this version ideal for vegetable growing, greenhouse operations, vineyards and orchards and overhead trellis systems.
- › Folding ROPS version for low-clearance applications.
- › Comfortable driving position with ergonomically-arranged controls.
- › Maximum visibility to the front and rear.

A low-profile tractor for low-clearance applications

The X2 is the ideal solution for farmers looking for compact size, light weight and maneuverability. The X2 boasts the lowest bonnet height in its class: only 1130 mm from the ground for the GE version and 1230 mm for the STD version. The folding ROPS allows the X2 to work easily under extremely low branches. In addition, the steering wheel is lower than the bonnet; this enables the operator to keep a firm grip when driving under low-hanging branches.



X2 WITH CAB FOR COMFORT AND SAFETY



Comfort and safety at work must go hand in hand. Inside the cab of the X2, every detail has been thoughtfully considered in order to provide a comfortable and safe working environment all year round. The four-post design with rear-hinged doors provides ease of access to the driving position and offers unequalled all-round visibility and exceptional levels of comfort. The fully adjustable driver's seat is ample and comfortable, the steering column can be tilted to

suit the driver's needs, all control levers and pedals are ergonomically positioned, and the digital instrument cluster keeps everything under control. The cab of the X2 is FOPS certified to protect operator from branches, stones and other falling objects, making it ideal for forestry applications and for use on rocky terrains.



HIGHLIGHTS

- › Large, rear-hinged doors for ease of access to the cab.
- › Ultimate driving comfort: roomy driving position, adjustable steering wheel, ergonomic controls and automotive-grade fit and finish.
- › Four-post cab design for unequalled all-round visibility.
- › Opening front and rear windscreens.

FRONT AND REAR CAB LIGHTS

To ensure easy, safe and accurate operation in low light conditions such as at dusk, dawn or night, the cab of the X2 is equipped with two work lights at the front, integrated into the tractor chassis, and two swiveling work lights at the rear.



OPTIMAL TEMPERATURE IN EVERY SEASON

Integrated into the cab ceiling, an efficient climate control system maintains the desired cab temperature whatever the outdoor weather conditions. The climate controls are conveniently located in the overhead control panel within easy reach of the operator.



TAPERED WINDSCREEN FOR MORE VISIBILITY AND COMFORT

The front windscreen of the cab tapers at the top to improve visibility in low-clearance situations, so the operator can remain seated during work without having to lean out of the cab. Both the front and rear windscreens can be opened to allow natural ventilation.



McCORMICK X2: SMALL IN SIZE, GREAT IN PERFORMANCE

The X2 does the job of bigger tractors.

The X2 combines all the benefits of a compact tractor with the versatility of a higher-range model. Featuring a rugged and efficient transmission with well-spaced ratios and gears, the X2 provides outstanding traction and good response under load ensuring high performance and productivity in any situation.

Customized driving position to suit your needs.

The X2 allows the farmer to choose the driving position that best suits their specific needs. Combining a specially designed front axle and dedicated rear reduction gears with 20-inch and 24-inch rear tyres, the GE models offer an ultra-low driving position while maintaining a bonnet height of only 1130 and 1206 mm. On the STD models, the height of the bonnet from the ground is 1230 mm and 1301 mm, respectively. With its ultra-low profile, the X2 is perfect for working under foliage canopies and overhead trellis system.

Optimum mechanical and hydraulic efficiency.

The simple and efficient transmission of the X2 is designed to minimize power absorption. The tractor uses all the horsepower for the task at hand ensuring maximum efficiency and productivity in any application.

SPEED FOUR TRANSMISSION FOR BEST-IN-CLASS PERFORMANCE



Entirely designed and constructed by Argo Tractors, the Speed Four transmission is one of the strong points of the X2. Rugged, efficient and versatile, the Speed Four transmission offers perfectly balanced gears ratios and speeds to improve the productivity of every job. The transmission features four synchronized gears and up to four mechanical speed ranges and allows a top speed of 30 km/h. A creep speed option provides 16 forward and 16 reverse gears with speeds as low as 220 m/h. The X2 features a synchro shuttle that allows the operator to automatically shift from forward to reverse by simply operating the shuttle control lever adjacent to the steering wheel.



SYNCHRO SHUTTLE

The X2 offers standard a steering-column synchro shuttle for quick and easy manoeuvring in any situation.

Lightweight and strong, the X2 protects the soil and improves productivity

The X2 is an ultra-strong yet lightweight tractor. With the ROPS version weighing only 1600 kg, the X2 reduces soil compaction to a minimum while maintaining an overall carrying capacity of up to 3050 kg.

MODULATED PTO ENGAGEMENT

An ergonomically-positioned lever enables smooth and modulated engagement of the PTO, ensuring a soft start-up of the implement for enhanced operator comfort.



POWER TAKE-OFF

The rear PTO comes with a choice of two speeds: 540 and 540E rpm. The X2 also features a ground speed PTO as standard.

HYDRALOCK FRONT AXLE, THE CHOICE FOR WHEN VERSATILITY IS KEY



Entirely designed and manufactured by Argo Tractors according to the highest quality standards, the Hydralock rigid-mounted front axle ensures unmatched versatility and optimum manoeuvrability. On the GE version the Hydralock axle is 101 mm lower than on the STD version, which allows the tractor to move nimbly in areas of restricted height. The Hydralock axle is equipped with an electrohydraulic differential lock that maximizes traction on all four wheels reducing wheel slip, thereby ensuring safe and efficient all-wheel braking in any situation.

Electrohydraulic differential locks for powerful traction

The combined front and rear differential locks and the mechanical four-wheel drive engagement ensure outstanding traction even in the toughest ground conditions.

Excellent manoeuvrability

With a 55-degree steering angle, a wheelbase of only 1790 mm and a reduced front overhang, the X2 ensures maximum visibility and excellent manoeuvrability in any situation.

HYDRAULIC SYSTEM DESIGNED FOR EFFICIENCY AND PRODUCTIVITY



The hydraulic system of the X2 is designed and tailored to meet the specific needs of vegetable growing, greenhouse farming, orchards, vineyards, and municipalities. The system features a dual pump that supplies 35 l/min to the rear hitch and remote valves and 20 l/min to the steering system for maximum ride comfort. Designed to meet different operating requirements, this versatile hydraulic system can be equipped with up to three remote valves: two standard and one with float function.

Front hitch and front PTO for maximum versatility

A front hitch and a front PTO are available as an option to add greater versatility to the X2 tractor range. The Category 1N front hitch is equipped with quick couplers and provides a lift capacity of up to 400 kg. The front PTO has a speed of 1000 rpm.

Rugged and efficient rear hitch

The rugged rear hitch with position control and draft sensing is mechanically operated and provides a lift capacity of up to 1200 kg. The lower links can be optionally equipped with quick couplers to make it easier to attach and detach implements and with a mechanically-adjustable top link for greater versatility of use.



McCORMICK FLEET MANAGEMENT

McCormick designs functional technologies like remote fleet management. The innovative McCormick Fleet Management is a telematic system designed to reduce operating costs while increasing efficiency and productivity. The system performs the following functions:

- 1. Fleet monitoring:** the system displays the exact real-time location of each tractor in a fleet and monitors its efficiency by checking parameters like speed, engine performance, average consumption and work progress.
- 2. Data analysis:** the system calculates the productivity and profitability of each tractor enabling farmers to monitor their profits.
- 3. Storage of working data:** the system eliminates errors and wastes of time and resources in order to maximize efficiency.

As a customer-driven company, McCormick is constantly committed to meeting farmers' needs by offering better safety, more comfort and greater productivity.



QUICK MAINTENANCE TO GET YOU BACK UP AND RUNNING IN NO TIME

The intuitive under-bonnet layout of the X2 is designed to simplify and speed up daily maintenance operations.

1. The tilt-up bonnet opens wide to provide easy access to the engine compartment for maintenance and service checks.
2. The oil filler cap is placed in the lower part of the engine, so topping up of engine oil can be done without opening the bonnet.
3. The engine air filter is located in an easily accessible position for cleaning and replacement.
4. The cooling radiators, mounted in front of the engine, and the laterally-removable dust cover allow for easy, fast and accurate cleaning.
5. The fuel tank is conveniently placed between the bonnet and the driving position to allow for easy and quick filling.
6. The air filters, fitted on either side of the cab roof, are protected by quick-release grills and easily accessible for maintenance.
7. The oil level in the transmission can be conveniently checked through the oil filler cap with level gauge located at the rear of the tractor.





McCORMICK ORIGINAL SPARE PARTS, THE CORNERSTONE OF YOUR PRODUCTIVITY

The McCormick brand has always stood out for the quality and reliability of its parts and after-sales service. Developed by the same engineers who design and manufacture the McCormick tractors, genuine McCormick parts are designed and manufactured to the highest quality standards to ensure reliable and safe performance over time.

The strong points of McCormick parts service are the following:

- > Spare parts are always shipped within 24 hours of order receipt.
- > Each part comes with a 12-month warranty and is marked with a tamper-proof

hologram that certifies the product's quality and originality.

> Original McCormick parts are reliable and convenient: they improve your tractor performance, maintain high productivity levels and preserve your tractor's value.

The after-sales service is handled by our dealers through a team of highly-skilled, solution-oriented technicians who avail themselves of the latest diagnostic techniques. Choosing McCormick means choosing excellence.





POWER TECHNOLOGY, SINCE 1847

Cyrus Hall McCormick was born in Virginia, United States, in 1809. A keen inventor, he stunned the agricultural world with inventions that mechanized the farm work.

In 1831 he invented the first mechanical reaper. In 1847 McCormick established a factory for the production of grain harvesters. In 1866 the company adopted the red colour that still identifies the brand worldwide. In 1871 McCormick manufactured more machines than any other company in the world: 250 reapers per day. The first tractor, the Mogul 8-16, was launched in 1906. In those years, the company opened up factories in Canada, Great Britain, Germany, France and Sweden.

In the following years, the company was purchased and sold several times. In 2000 McCormick was acquired by the Argo Group, which relaunched the brand under the name McCormick Tractors International Limited.

Today, McCormick is a world leader in the tractor industry and its name stands for uncompromising technology and innovative design. Thanks to heavy investments in research and development, the new generation of McCormick tractors leads the market for performance and innovation. Farmers look for efficient, reliable and versatile solutions to maximize their productivity – and this is exactly what we are proud to offer our customers.

	X2.055 STD	X2.060 STD	X2.055 GE	X2.060 GE
ENGINE				
Manufacturer	Kohler			
Engine type	KDI 1903 TCR			
Max power (ISO)	hp/kW 49 / 36	57 / 42	49 / 36	57 / 42
Engine speed at max power	rpm 2600			
Max torque	Nm 180	200	180	200
Engine speed at max torque	rpm 1200			
Cylinders / Valves - Displacement	cm ³ 3 / 12 - 1900			
Emissions category	Stage V			
Exhaust after-treatment system	EGR + DOC + DPF			
Air intake system	turboaftercooler			
Fuel injection system	common rail direct injection			
Cooling system	liquid			
Engine Memo Switch	●			
CAPACITIES				
Fuel tank	l 40			
TRANSMISSION				
Transmission type	mechanical			
Clutch type	mechanical			
No. of gears - FWD+REV	● 12+12 - ○ 16+16 w/creeper			
Minimum speed	m/h ● 770 - ○ 220 w/creeper			
Engine speed at 30 km/h	rpm 2600			
REAR PTO				
Type	mechanical dry clutch			
Speeds	rpm ● 540/540E w/ground speed			
FRONT AND REAR AXLES				
Front axle type	rigid 4WD			
Front differential lock	● Hydralock			
BRAKING SYSTEM				
Rear braking system	● mechanical wet multi-disc brakes			
HYDRAULIC SYSTEM				
Hydraulic circuit type - Pump type	open centre - dual pump			
Flow rate - rear hitch & remotes + steering	l/min 35+20			
Rear remote valves	● 2 std - ○ 2 std + 1 w/float position			
REAR 3-POINT HYDRAULIC HITCH				
Rear hitch control	mechanical with position and draft control			
Category - Hitch type	● Cat. 1 w/fixed ball ends - ○ Cat. 2 w/quick-hitch hooks Cat. 1/Cat. 2 & mechanical top link			
Max lifting capacity at hitch points	kg 1200			
FRONT 3-POINT HYDRAULIC HITCH				
Front hitch type	○ mechanical Cat. 1N			
Max lifting capacity at hitch points	kg 400			

	X2.055 STD	X2.060 STD	X2.055 GE	X2.060 GE
FRONT PTO				
Type	○ mechanical			
Speed	rpm ○ 1000			
CAB AND DRIVING POSITION				
Cab type	○ 4-post FOPS w/opening front window			-
Air conditioning	○ manual A/C			-
Radio system	● radio ready - ○ radio and sound system			-
Fleet Management	○ ready / 3-year subscription / 5-year subscription			
DIMENSIONS AND WEIGHTS				
Wheelbase	mm 1790		1770	
Height over ROPS min - max	mm 2124 - 2199		2030 - 2105	
Height over cab min - max	mm 2205 - 2280		-	
Height over bonnet min - max	mm 1230 - 1305		1131 - 1206	
Length w/front weights min - max	mm 3168 - 3504		3168 - 3504	
Overall width min - max	mm 1203 - 1638		1260 - 1615	
Shipping weight ROPS/cab	kg 1600 / 1780		1580 / -	
Gross vehicle weight	kg 3050		3050	
Rear tyre size (Index Radius - IR) min - max	mm 320/70R20 (475) - 360/70R24 (550)		320/70R20 (475) - 320/70R24 (525)	
Front weights	kg ○ 4x24			

KEY: ● standard ○ option - not available



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