

X8

627-631 VT-Drive

ONLY ONE.



Power
Technology


McCORMICK



McCORMICK **DIGITAL SOLUTIONS** BRING THE FUTURE TO THE FIELD

Technological innovation improves working conditions, increases productivity and protects the environment. Following this philosophy, the Argo Tractors Group has prepared its tractors for the most cutting-edge digital and telematic technologies. This will help farmers manage their machinery fleets and their farms more efficiently and remotely, wherever they are. McCormick Digital Solutions offers a range of advanced functionalities:

- › **Telemetry and Remote Diagnostics:** Thanks to the Fleet & Remote Diagnostics Management system, telemetry monitors your fleet analysing tractor performance data, while remote diagnostics enables tractor parameters to be monitored and managed from a remote location.
- › **Precision Farming:** The Precision Steering Management satellite guidance system improves working accuracy and efficiency; the ISOBUS system allows optimum control of AEF-certified compatible implements.
- › **McCormick Farm:** This function manages prescription maps and simplifies farm management.
- › **DSM Plus:** 12-inch touch screen display and 12-inch digital dashboard with intuitive screens and clear data for enhanced working and driving experience and increased productivity.
- › **Digital Services:** The My McCormick app provides easy access to the McCormick world.
- › **Cloud Data:** The Agrirouter cloud platform allows integrated communication among all services.

McCormick Digital Solutions give you more performance, more efficiency and more profitability while improving simplicity, safety and comfort.



McCORMICK X8, TECHNOLOGY AT FULL THROTTLE

Technological innovation, constant pursuit of quality, sustainability, close attention to farmers' needs: these are the values that drive our business and have marked the history of the Argo Tractors Group since its inception. This ongoing commitment has led our engineers to develop the new McCormick **X8**, a tractor range that is designed to meet the most demanding needs of large farms and full-time agricultural contractors and sets the benchmark worldwide for technology, power, reliability and comfort.

The new Clever Cab of the **X8** exhibits a contemporary and aggressive look that will not go unnoticed. The cab interior offers a spacious working environment with automotive-grade fit and finish, ergonomically-arranged controls and easy-to-use instruments for superior operator comfort. The main strong points of the Clever Cab are:

- › Swivel seat with air suspension system, backrest heating and ventilation and tilt-adjustable headrest for enhanced operator vision. The armrest moves together with the seat for maximum comfort of operation.
- › Electronically controlled steering system for greater comfort and increased productivity.
- › High-grade sound insulation system: only 67 dBA.
- › High-resolution 12-inch touch screen display.

- › Alpine infotainment system: powerful Alpine 7" touch screen radio with DAB+, Android Auto, Apple CarPlay, Bluetooth, integrated microphone and USB ports.
- › Enhanced visibility: +14% glass area.
- › 210-degree windscreen wiper.
- › Large heated electric rearview mirrors.
- › Twenty fully redesigned, high-mounted adjustable full LED work lights for maximum visibility when operating front implements.

The **X8** is powered by a new Stage V FPT N67 engine that delivers up to 313 hp. The engine is located within a rugged chassis with silent block rubber mounts which moves the tractor's centre of gravity forward. This results in a 59/41 front-to-rear weight distribution, improving the vehicle's overall balance and stability. This solution reduces vibrations to a minimum and enables the tractor to transfer all the power to the ground.

The **X8** range further features an innovative VT-Drive four-stage continuously variable transmission and a high-flow hydraulic system that provides a total flow of 212 l/min and operates up to eleven electrohydraulic remote valves.

Choosing McCormick means you can count on a reliable partner that delivers industry-leading technology along with outstanding performance and uncompromising reliability.

HIGHLIGHTS

Cab

- › New Clever Cab: four-post design with semi-active suspension system.
- › New layout: more room in every direction and maximum ergonomic comfort.
- › Heated and ventilated swivel seat with new active dynamic air suspension. Tilt-adjustable headrest and armrest integral with seat for enhanced operating comfort.
- › DSM Plus system: 12" touch screen display and 12" digital dashboard.
- › Automatic climate control.
- › 20 adjustable full LED work lights for full all-round visibility.
- › Transparent roof hatch with tinted glass for improved visibility and durability.

Engine

- › eVGT electronically controlled variable-geometry turbocharger.
- › HI-eSCR2 technology meeting Stage V emissions

regulations.

- › Engine located within a rugged chassis to reduce vibrations and improve traction.
- › 550 l fuel tank, 70 l AdBlue tank.
- › Coolers opening from a single latch to allow easier and faster cleaning.

Transmission

- › VT-Drive four-stage continuously variable transmission.
- › Four programmable speed ranges.
- › Transmission controls integrated into the EasyPilot proportional controller.
- › Speed: up to 50 km/h at 1580 rpm.
- › Fuel economy and reduced operating costs.

Axles

- › Electronically controlled suspended front axle with wet multi-disc brakes.
- › Rear axle with annular wet multi-disc brakes.
- › Automatic 4WD and differential lock engagement.

- › Full locking differentials for maximum tractive performance.
- › Tyre size up to 900/60 R42 (Ø 2.15 m).

Hydraulic system

- › Closed-centre hydraulic system with variable-displacement pump delivering up to 212 l/min.
- › Electronically controlled three-speed rear PTO.
- › Electronically controlled rear hitch with up to 12000 kg lifting capacity.

Onboard technology

- › DSM Plus: 12" touch screen display and 12" digital dashboard with intuitive functions designed to make work and driving easier, thereby maximising productivity.
- › ISOBUS and Precision Steering Management systems for increased efficiency and productivity.
- › McCormick Fleet & Remote Diagnostics Management and McCormick Farm for efficient fleet and farm management.

HYDRAULIC SYSTEM

Configurability - Productivity
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ENGINE

Power - Efficiency - Sustainability
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DIGITAL SOLUTIONS

Fleet - Diagnostics - Farm Management
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CAB

Visibility - Spaciousness - Innovation
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ONBOARD TECHNOLOGY

DSM Plus - PSM - ISOBUS - EazySteer - EazyGrip
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TRACTION

Force - Comfort - Safety
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TRANSMISSION

Responsiveness - Versatility
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SEATED IN THE **CLEVER CAB**, YOU WORK IN COMPLETE COMFORT

After a long day's work, you feel less fatigued.

The engine is located within a rugged chassis and mounted on silent blocks to minimise shocks and vibrations. The cab is equipped with a semi-active suspension system and allows the operator to choose from three different comfort levels via the DSM touch screen monitor. The Clever Cab features a flat-deck platform and a ventilated air-suspension swivel seat with adjustable headrest and integral armrest for maximum comfort of operation. The automatic climate control ensures uniform airflow distribution in all directions for superior operator comfort.

Inside the Clever Cab, you always have everything under control.

With 14 percent more glass area, the new four-post cab of the X8 provides superb, unobstructed vision in all directions. The interior is more spacious than ever before and all controls are ergonomically arranged, servo-assisted and user-friendly. The 12-inch touch screen display and the 12-inch digital dashboard are intuitive to use. The low round fenders further improve visibility to the sides of the vehicle. Twenty adjustable full LED work lights provide full all-round visibility, while up to two relocatable rearview cameras allow the driver to monitor blind spots from the cab, making for improved safety and easy implement attachment.

Digital Solutions: improving performance has never been easier.

McCormick Digital Solutions provide a range of advanced solutions to help you manage more efficiently your fleet and your farm from remote locations. The Fleet & Remote Diagnostics Management monitors your tractor fleet analysing the vehicles performance data and enables remote control of tractor parameters. McCormick Farm manages prescription maps and simplifies farm management. Digital Solutions give you more efficiency, better performance and greater profitability while improving simplicity, safety and comfort.



HIGHLIGHTS

- › Clever Cab: bold lines, four-post design, +14% glass area.
- › Electrohydraulic semi-active cab suspension.
- › FOPS certified roof for protection against falling objects.
- › Four wide, well-spaced access steps integrated into the fuel tank.
- › Spacious interior and ergonomic design.
- › Automotive-style fit and finish with soft-touch materials.
- › Various storage compartments.
- › Instrument panel and steering column electrically adjustable in tilt and depth.
- › Ventilated air-suspension swivel seat with adjustable headrest and integral armrest for maximum comfort of operation.
- › Hide-away buddy seat for easier access to the cab.
- › Multifunction armrest with ergonomically-designed controller and integrated controls.
- › DSM Plus: 12" touch screen display and 12" digital dashboard with new, intuitive functions designed to simplify work and increase productivity.
- › Alpine infotainment system: powerful 7" touch screen radio with DAB+, MP3 player, Bluetooth, microphone, USB ports, Android Auto and Apple CarPlay.
- › Four high-quality 200 W RMS Alpine speakers.
- › Efficient climate control for uniform airflow distribution in all directions.
- › Opening transparent glass roof hatch with sunshade.
- › Central windscreen wiper with 210-degree wipe angle to clean a larger area.
- › Tinted rear window with up to 80-degree opening angle.
- › Extra-large heated electric rearview mirrors with wide-angle view.
- › Exhaust tailpipe integrated into the cab post for maximum visibility.
- › 20 adjustable latest-generation full LED lights on cab, bonnet and fenders.

CLEVER CAB: YOUR NEW OFFICE IN FIRST CLASS

Our new **Clever Cab** welcomes you on board of McCormick **X8** tractor. Beautiful, spacious, quiet and functional, the **Clever Cab** offers a working environment where every detail is cared for with the highest level of attention to give you unmatched performance.

Design

The **X8** embodies strength and style all in one. Sleek, dynamic lines give the tractor an aggressive yet classy look. Designed with functionality in mind, the **X8** features a sloping bonnet and tapered sides that further improve front visibility. With its modern design and attention to detail, the **X8** makes farmers and contractors excited and proud to drive it.



**HIGH-GRADE
AUTOMOTIVE-STYLE
FIT AND FINISH**

**SWIVEL SEAT
WITH HEATING AND
VENTILATION**

**ELECTRICALLY
ADJUSTABLE
DASHBOARD AND
STEERING WHEEL**

Visibility

- › The innovative Clever Cab features a four-post design with 14 percent more glass area and rear hinged doors for all-round visibility.
- › The 210-degree windscreen wiper and the heated and tinted rear window with up to 80-degree opening angle and new, larger and more comfortable handles further improve visibility.
- › The new, extra-large electric rearview mirrors are telescopic and heated and can be adjusted from the driving position. The wide-angle mirrors provide a better view of blind spots.

Comfort

- › The electrohydraulic semi-active cab suspension system reduces vibrations and improves stability, including on rough terrain.
- › Wide, well-spaced steps, daytime running lights integrated into the new headlamps and a hide-away buddy seat make access to the cab safe and easy.
- › The cab interior offers more room in every direction with 8 cm extra space for the head and 12 cm extra travel for the seat, providing additional comfort for tall operators.
- › The high-grade sound insulation system of the Clever Cab provides a noise level of only 67 dBA for superior operating comfort. This low sound level is achieved through an accurate cab design: the frame is constructed using robotic welding; the engine, transmission and hydraulic system are perfectly sound insulated; cable passages are sealed to stop noise from entering the cab; the innovative cab door counter-frame from polymer material keeps out dust, water and noise.

- › The cab interior features a high-grade automotive-style fit and finish with durable, easy-clean soft-touch materials.
- › The Alcantara upholstered swivel seat with active dynamic air suspension, fully automatic height adjustment, heating and ventilation ensures ultimate driving comfort whatever the outdoor conditions. The headrest can be adjusted to improve the operator's field of vision and the armrest moves together with the seat for maximum comfort of operation.
- › The steering wheel and the dashboard are electrically adjustable in tilt and depth to suit the operator's needs. The electronically controlled steering system makes driving easier and improves working accuracy and comfort, resulting in greater productivity.
- › The multifunctional armrest can be ergonomically adjusted to suit the individual user's needs.
- › The tinted, transparent roof hatch can be opened to provide extra visibility during work.



**+8cm
HIGHER
CAB**

**+14%
LARGER
GLASS AREA**



**-6°C
HIGH
THERMAL
COMFORT**

**67dB
EFFICIENT
SOUND INSULATION**

**210°
LARGE
WIPER FIELD**



Controls

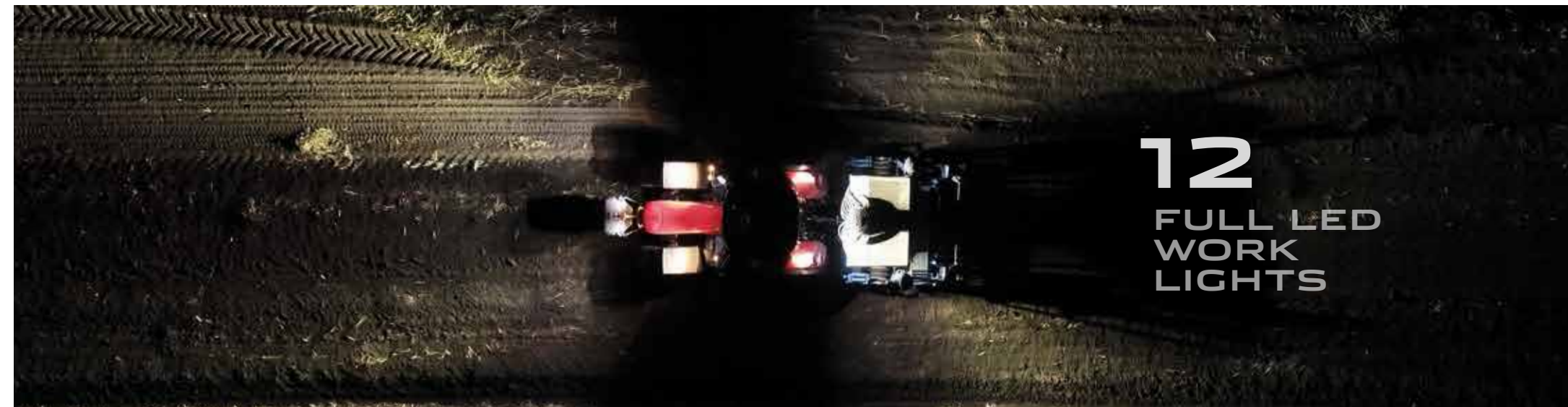
- › The new multifunction armrest is ergonomically designed and easily adjustable in length and height for greater efficiency and comfort. All the main controls are arranged in a logical manner on the multifunction armrest to allow intuitive tractor handling. The other controls are grouped on the right-hand console.
- › The EasyPilot joystick has an ergonomic grip and features clear, easily configurable functions.
- › The DSM Plus configuration maximises tractor performance and productivity. The 12-inch Full HD touch screen monitor and the 12-inch digital dashboard provide an unparalleled working and driving experience. The DSM Plus controls various functions such as headland management operations, including when the tractor is stationary; advanced remote valve configuration; Precision Steering Management (PSM), McCormick's satellite-guidance system; rearview camera system.

Accessories

- › Alpine infotainment system: powerful DAB+ touch screen radio with four 200 watt RMS Alpine speakers, Android Auto and Apple CarPlay, MP3 player, Bluetooth, integrated microphone, two USB ports.
- › Wide range of accessories, including an 8.6L chilled compartment, a storage compartment, a bottle holder, 12 V sockets for charging mobile devices, internal mirror.

Climate control

- › A powerful and efficient automatic climate control system, with nine vents strategically placed for uniform 360-degree air distribution, quickly creates a comfortable working environment in all weather conditions.
- › The **X8** features a technologically innovative glazing. The Comfort Sky® coating, developed by Saint-Gobain, improves UV protection and increases resistance to temperature rise within the cab, thereby reducing temperature excursion by up to 6°C compared to ordinary glass.



12
FULL LED
WORK
LIGHTS

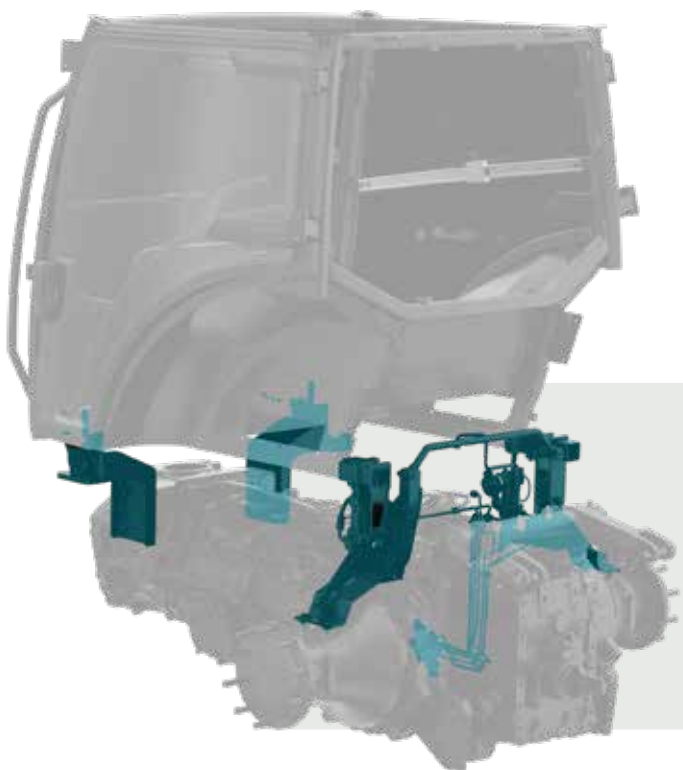
Lighting

Twenty fully restyled, adjustable full LED work lights and four full LED headlights illuminate the work area 360 degrees with a high-contrast, daylight-like light, providing excellent lighting without shadow zones for night and low-light operations. Located at the rear of the cab, two long-range lights illuminate the end of the implement to ensure safe operation. Other long-range lights on the bonnet illuminate the field below. In addition, the MyLights function allows two different light configurations for optimal lighting when working beside threshers or other similar machines. With 40,000 lumens of light intensity, the **X8** lights up the night as if it were day, making work less tiring and more productive.





CLEVER CAB: A NEW GEOMETRY OF SPACE



The new Clever Cab offers more space for the operator. The clever four-post design has increased the glazed area by 14 per cent to allow full view of the implements and of the entire work area. Interior space has also been increased, particularly in the area around the chest and head of the driver, with 8 cm extra height. The seat travel has been extended by 12 cm. Storage compartments are all built in to keep the working space uncluttered.

CAB SUSPENSION SYSTEM, THE FULL CAB SUSPENSION

To make the farmer's work less tiring, McCormick has developed Cab Suspension, a new electrohydraulic semi-active cab suspension system that completely isolates the cab from the tractor chassis, eliminating shocks and vibrations induced by uneven terrain. A Panhard rod connects the cab suspensions ensuring maximum driving stability. McCormick's Cab Suspension system is maintenance free.

EASY AND SAFE CAB ACCESS

Wide, well-spaced steps, large doors and a fold-away buddy seat make access to the cab easy and safe. In addition, the daytime running lights integrated into the new headlamps and delayed light switch off ensure safe entry and exit at night.





2 TURNS
✗
EAZYSTEER



1 TURNS
✓
EAZYSTEER

EazySteer, the efficient quick steering system

The EazySteer system reduces steering wheel turns and, thanks to quick and precise steering, makes headland manoeuvres and front loader operations faster and less tiring. EazySteer allows you to customise the steering ratio, which enhances the driving comfort and reduces the working time.



DSM Plus for configuration of precision agriculture

The DSM Plus system comprehends a DSM monitor and a digital dashboard that provide maximum efficiency in tractor handling. The large 12-inch Full HD touch screen monitor offers a clear view of all data and provides intuitive screens and shortcut keys that simplify and optimise work management. The 12-inch digital dashboard, which can be easily configured with the slider on the multifunction armrest, improves efficiency, thereby increasing productivity. Among its various functions, the DSM Plus allows the operator to configure the electrohydraulic remote valves, the joystick and the front and rear hitch. The system also enables connection of AEF ISOBUS certified implements to the tractor and control of the Precision Steering Management satellite guidance system.



DSM MONITOR: FAST AND INTUITIVE NAVIGATION

The logical structure of the menu, the quick access bar and the intuitive screens on the display make for smooth and instant navigation. The display shows following menus:

MYFUNCTIONS

The new MyFunctions menu allows full customisation of controls, enabling the operator to configure and save up to five different functions via the DSM touch screen monitor. All controls have also been ergonomically repositioned on the multifunction armrest to improve comfort and ease of operation.

MYHMF

The MyHMF menu enables the operator to create and modify headland management sequences via the DSM monitor, even when the tractor is stationary. Two buttons on the multifunction armrest allow fast selection and activation of the created sequences.

MYLIGHTS

The roof of the new Clever Cab can be equipped with 12 adjustable full LED work lights to provide powerful 360-degree illumination for working at night. All work lights can be configured via the MyLights menu on the DSM touch screen display.

MYTRACTOR

This menu allows the user to save the tractor settings such as engine, remotes, hitches, joystick and DSM Plus. MyTractor can quickly recall the preset configurations either by individual user or by implement and send them to other tractors for immediate operation.

MYUSER

The MyUser interface allows all tractor control settings, such as menus, configurations, or the language, to be saved and linked to the user's profile for ultimate versatility in multi-operator applications.



Driver's seat designed for cutting-edge comfort

The Alcantara-upholstered driver's seat is equipped with an electronically-controlled suspension that adjusts automatically to the driver's weight and with automatic height adjustment. The seat is heated and ventilated and features a filter system that keeps the surface always dry for comfortable seating in all weather conditions. The headrest can be tilted to provide a better view of

the work area, and the armrest moves together with the seat for full operating comfort. The seat rotates 30 degrees to the right and 10 degrees to the left, making work easier. Passengers can also travel in comfort thanks to an innovative buddy seat with a higher backrest and larger seat which neatly folds away to allow easier and safer access to the cab.

Multifunction armrest: the right hand of efficiency

Designed from a careful analysis of the work sequences, McCormick's new ergonomic multifunction armrest groups together all the main controls in a logical manner to allow intuitive and comfortable tractor operation. Less frequently used controls are located on the right-hand console, which also houses two 12V sockets and one ISOBUS connection. Button-controlled functions can be automated and replicated on the EasyPilot joystick to allow customised operation.



Convenient, dedicated storage compartments

Objects, telephones, food, bottles and glasses can be conveniently placed in dedicated compartments in the Clever Cab, just like in an office. All compartments are built in, so as not to obstruct the operating space, and some of them can be opened. The refrigerated compartment has a capacity of 8.6 litres. The monitor stand can be equipped with a mobile phone holder for easy access while driving.



EFFICIENT AND CONVENIENT AUTOMATIC CLIMATE CONTROL

The efficient automatic climate control system, integrated into the cab roof, delivers up to 760 m³/h of air allowing the desired temperature to be reached quickly. Nine strategically positioned vents distribute the air evenly within the cab, creating an ideal working environment whatever the outdoor weather conditions. This system offers a number of advantages: the climate control adjustment button is conveniently located in front of the driver; the system is designed to reduce airflow noise; and lastly, the filters are easy to clean and positioned so as to minimise soiling.



ALPINE INFOTAINMENT SYSTEM

The Alpine multimedia system, with its high-resolution 7-inch touch screen, is a true concentrate of technological innovation:

- › **DAB+:** In addition to offering exceptional noise-free sound, the DAB+ radio system offers a much wider choice of radio stations compared to FM radio and allows the user to easily select channels from an alphabetical or genre list of stations.
- › **Apps:** The Alpine radio system offers a number of apps with advanced functions, such as real-time traffic information, compatible with Apple CarPlay or Android Auto.
- › **Bluetooth:** Allows driver to make hands-free phone calls while working, read messages and stream music through the Clever Cab's speakers.
- › **Sound:** The high-end 200 W RMS four-speaker sound system delivers powerful, clean and detailed sound across the entire frequency range, from deep bass to high treble.



OVER 313 HORSEPOWER TO PULL YOUR BUSINESS FORWARD

The X8 gives you all the power you need: you can pull up to 40 tons without effort!
The X8 can pull up to 40 tons in complete safety. In addition, it can reach 50 km/h at 1580 rpm, significantly reducing fuel consumption.

You can count on more traction and reduce fuel consumption by up to 12%.
The new Stage V FPT N67 engine that powers the X8 tractor dispenses with the need for a particulate filter; this means less components, less maintenance and consequently less costs. Without a DPF, which is fuel consuming and loses efficiency over time, requiring periodic replacement, the engine is more powerful and more reliable.
In addition, having the engine located within a chassis moves the tractor's centre of gravity forward, which improves front wheel grip thereby increasing power to the ground. Better traction improves fuel economy reducing consumption by up to 12 percent compared to competitive engines.

It only takes 5 minutes to clean the radiator.
McCormick has the goal to simplify all those operations that are necessary to maintain your tractor in good working order. The coolers located in front of the radiator open fully from a single latch allowing quick, easy and accurate cleaning. This maintains the efficiency of the cooling system ensuring smooth engine performance.



NEW FPT N67 ENGINES: PLENTY OF PULLING POWER IN THE FIELD



The **X8** tractors are powered by new FPT N67 6.7-litre, 6-cylinder turbo intercooled engines with multivalve technology and electronic common rail injection system. The eVGT variable-geometry turbocharger provides optimum engine performance and fast response to load changes. The engine's peak torque of 1282 Nm is achieved already at 1400 rpm and remains constant until 1800 rpm with up to 40% torque backup.

The **X8** range comprises two models:

- › **X8.627** VT-Drive with 273/201 hp/kW;
- › **X8.631** VT-Drive with 313/230 hp/kW.

The engine is located within a rugged chassis which helps reduce noise and vibration levels within the cab. The electronically controlled Viscotronic fan improves engine cooling efficiency while reducing fuel consumption and noise.

The new FPT N67 is an advanced engine designed to offer farmers simplicity, reliability and durability.

HIGHLIGHTS

- › Up to 313 hp of power.
- › eVGT variable-geometry turbocharger and electronic engine management; common rail and intercooler.
- › Viscotronic fan for more efficient engine cooling, improved fuel economy and quieter engine operation.
- › Up to 40% torque backup.
- › HI-eSCR2 exhaust gas aftertreatment system meeting Stage V emissions regulations.
- › Engine located within a rugged chassis.
- › Easy-fill 550L fuel tank and 70L AdBlue tank.
- › Engine brake function for enhanced braking performance.
- › Radiator coolers open out to allow easier and faster cleaning.
- › Best In Class system to reduce scheduled maintenance by 50%, saving time and costs.

Supercharging system with turbocharger

Thanks to the eVGT variable-geometry turbocharger, supercharging is efficient at all engine speeds. The system adjusts power to load, delivering 70% of peak torque already at low revs. This results in superior engine performance and excellent fuel economy.

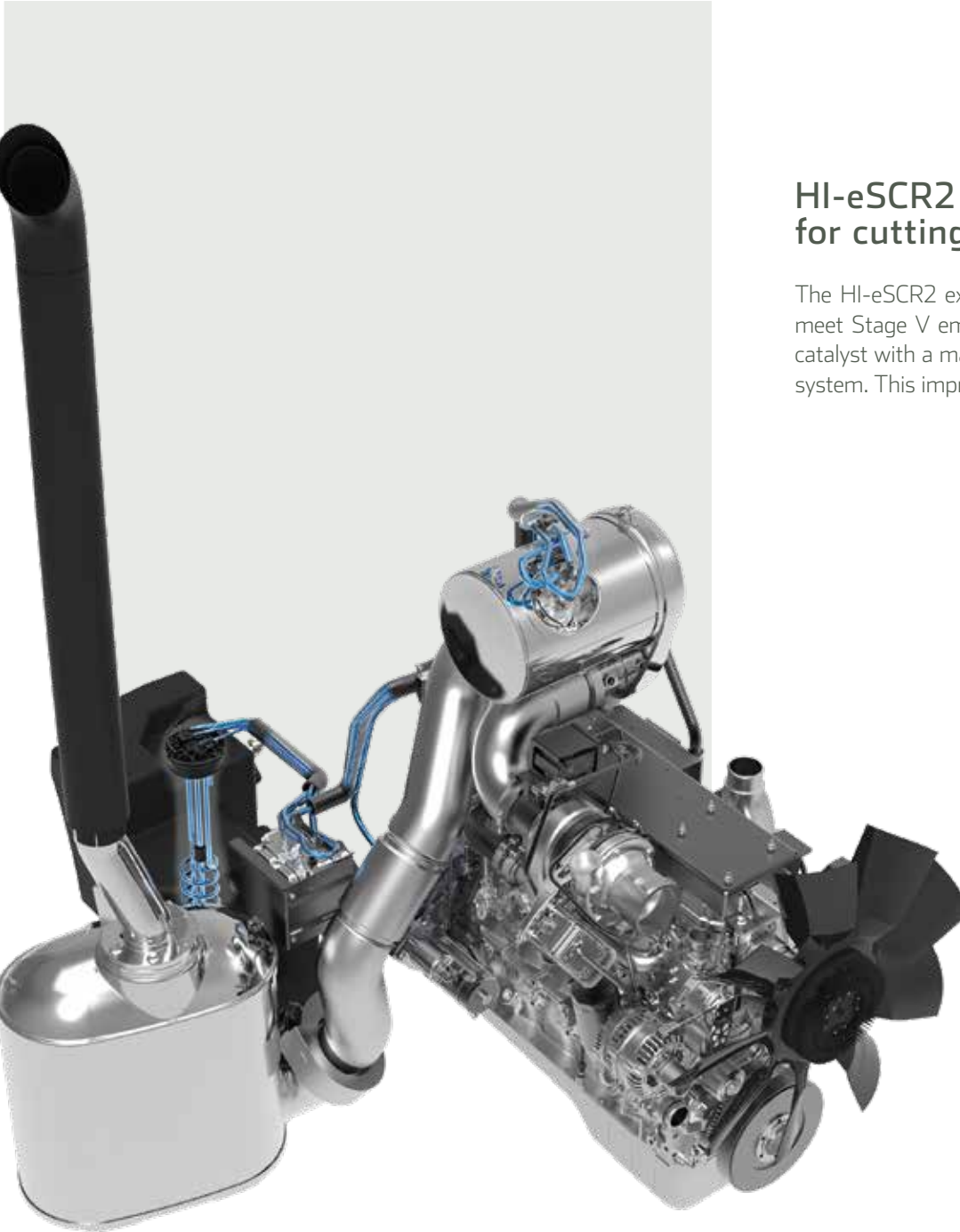
Engine brake function for safer braking performance

A motorised throttle valve integrated into the turbocharger boosts the tractor's braking performance by activating the engine brake through a foot pedal conveniently located between the clutch and brake pedals. This technology reduces the use of brakes by up to 30%, helping preserve both the tractor's and the implement's braking systems. In addition, while braking, the front axle suspension self-adjusts to compensate for the load variation, resulting in enhanced stability and safety.

Electronically controlled Viscotronic fan

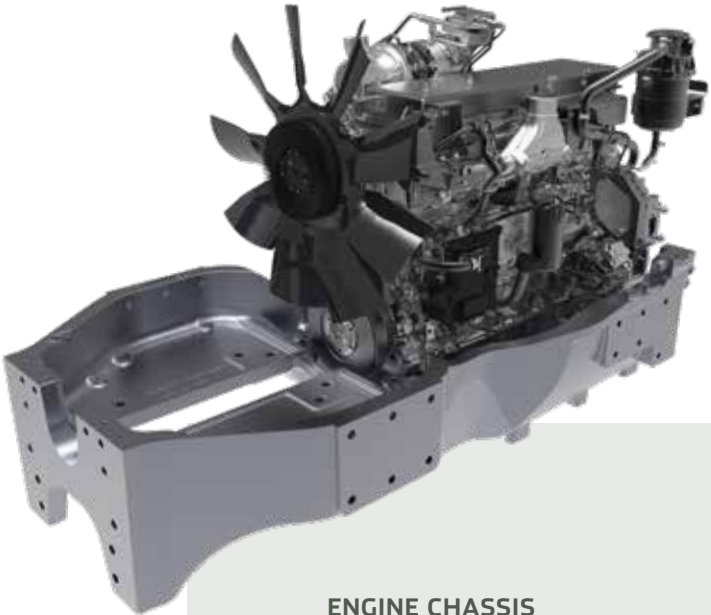
The electronically controlled Viscotronic fan adjusts automatically its speed based on engine temperature and load for optimal cooling efficiency. In addition, it reduces fuel consumption and noise levels, minimising power loss and improving traction.





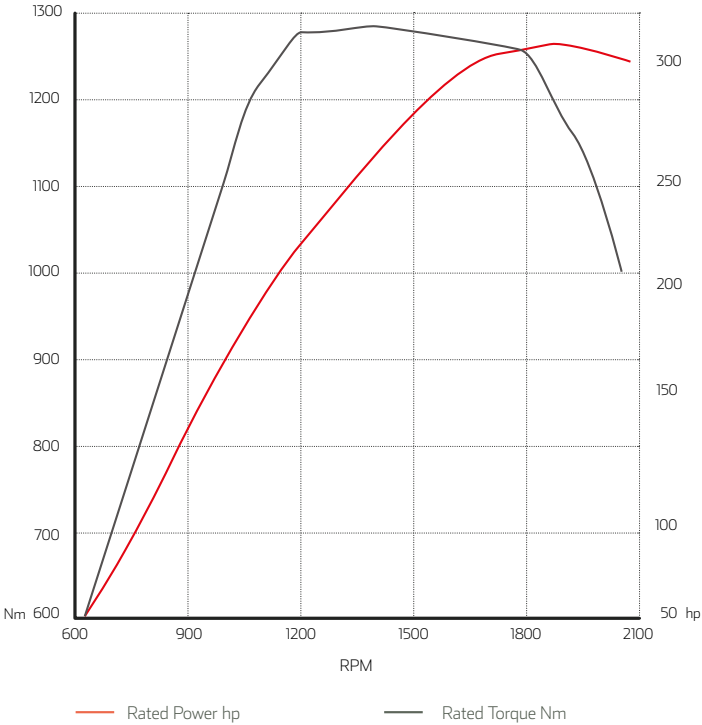
HI-eSCR2 system
for cutting polluting emissions

The HI-eSCR2 exhaust aftertreatment system allows the **X8** tractors to meet Stage V emissions regulations. This technology integrates the SCR catalyst with a maintenance-free filtering device, doing away with the EGR system. This improves engine performance while reducing operating costs.



ENGINE CHASSIS
FOR MAXIMUM EFFICIENCY

The FPT N67 engine is located within a rugged chassis and mounted on silent block rubber mounts to isolate both cab and transmission from vibrations and noise. This solution moves the tractor’s centre of gravity forward, improving the vehicle’s balance while increasing traction.



| McCORMICK X8 | MAX POWER HP / KW | MAX TORQUE NM |
|-----------------|----------------------|------------------|
| X8.627 VT-DRIVE | 273 / 201 | 1173 |
| X8.631 VT-DRIVE | 313 / 230 | 1282 |



LARGER TANKS
TO MINIMISE DOWNTIME

The fuel tanks, integrated into the cab foot-steps, have a total capacity of up to 550 litres, while the Adblue tank holds 70 litres. This high storage capacity extends the tractor’s operating range, reducing refuelling frequency.

BEST IN CLASS SYSTEM,
REVOLUTIONISED MAINTENANCE

The Best In Class system is based on an innovative filter concept that doubles the intervals between maintenance operations, extending them from 500 to 1000 working hours. This results in significant time and cost savings.

RADIATORS CLEANED
IN A FEW MINUTES

Daily radiator cleaning and routine checks are simple and only take a few minutes. The bonnet opens completely without effort for easy access to the engine compartment and the coolers located in front of the radiator open fully from a single latch to allow quick and accurate cleaning.





VT-DRIVE, THE CONTINUOUSLY VARYING TRANSMISSION

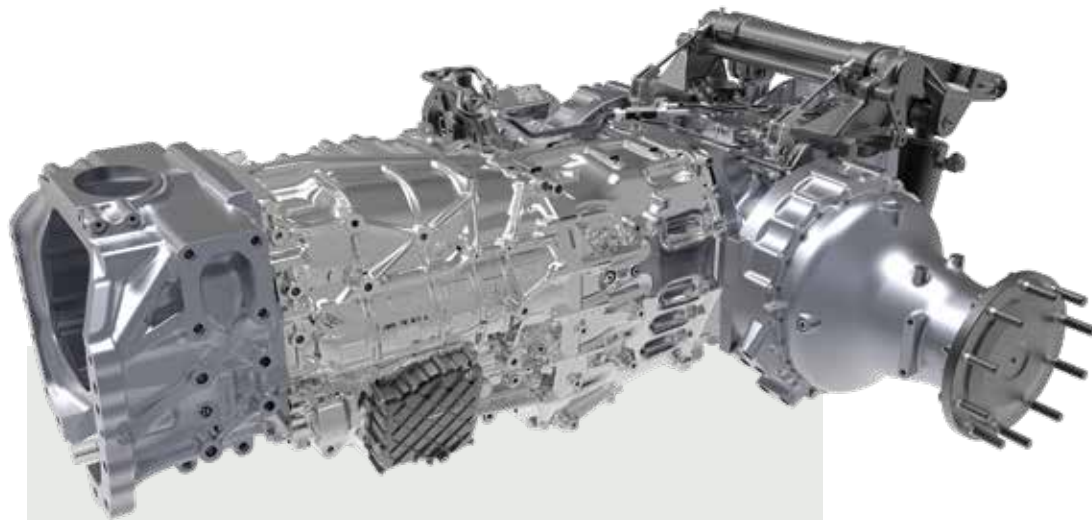
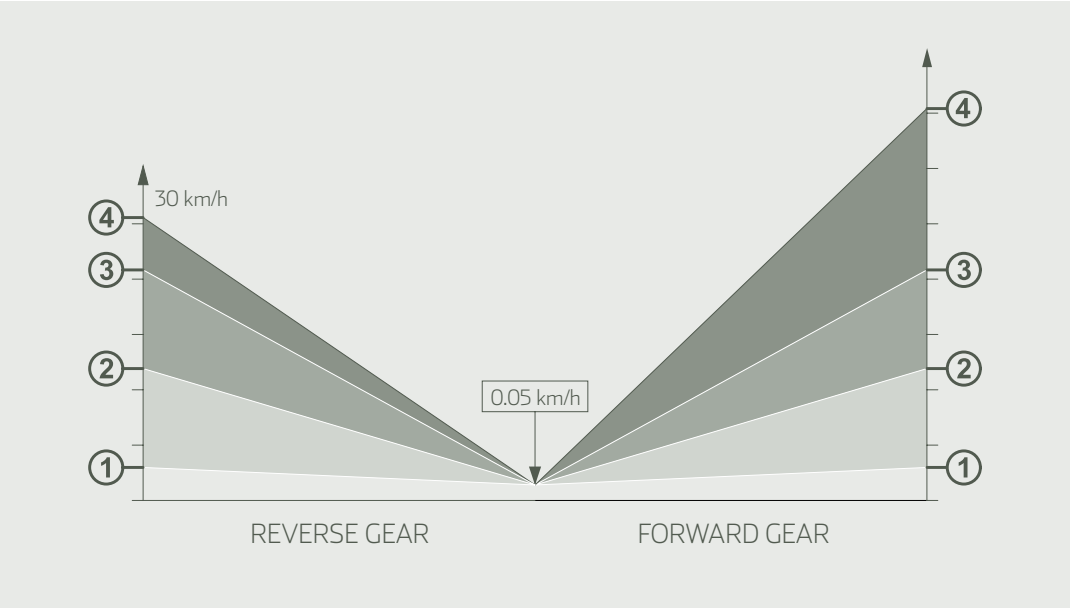
With the VT-Drive transmission, the X8 responds promptly to your commands. Combining a powerful engine with a VT-Drive continuously variable transmission, the **X8** delivers fast acceleration and excellent responsiveness.

You work with the most advanced variable transmission on the market. The VT-Drive continuously variable transmission offers proven reliability in a wide variety of applications. Now, an innovative next-generation four-stage technology projects the VT-Drive transmission further into the future.

VT-Drive: once you've tried it, you can't do without it. The VT-Drive continuously variable transmission is quite easy to use: you just need to release the parking brake, select the direction with the power shuttle and step on the gas pedal. This simplicity of operation, combined with clear controls and an intuitive touch screen interface, makes working with the **X8** stress-free and efficient.

HIGHLIGHTS

- › VT-Drive continuously variable transmission with controls grouped on the EasyPilot controller.
- › The VT-Drive transmission does not require the use of the clutch pedal.
- › Smooth acceleration, optimum speed, constant traction.
- › Remote Power Shuttle for fast and easy forward/reverse shifting.
- › The simple operation of the VT-Drive transmission allows greater concentration on the job at hand.
- › Lower fuel consumption and reduced operating costs.
- › Top speed: up to 50 km/h at 1580 rpm. Minimum speed: 40 km/h.



VT-Drive continuously variable transmission:
the future is already here

Powerful and versatile, the **X8** tractor delivers maximum efficiency in any application and on any terrain. This result is partly due to the VT-Drive, a continuously variable transmission designed to exceed current technological standards. Combining the FPT N67 engine with the VT-Drive transmission, a four-range continuously variable transmission with four planetary gear trains and oil-cooled clutches, the **X8** delivers superior responsiveness for best-in-class performance. The VT-Drive transmission not only provides enhanced operator comfort and optimum fuel economy, but with its four speed ranges ensures a smooth ride from 40 m/h to 50 km/h, maximising efficiency and productivity.

The VT-Drive
gives you a choice of four speed ranges

With its innovative four-stage technology, the VT-Drive transmission from McCormick sets a benchmark in continuously variable transmissions. Using a four-stage instead of the conventional two-stage CVT transmission offers real benefits to farmers and agricultural contractors looking for a multi-purpose tractor capable of ensuring maximum productivity in all working conditions.

The choice of the speed range that best suits the task at hand makes working with the **X8** more accurate and comfortable:

| | | |
|---------|-----------|---------------------|
| Range 1 | Creeper | 0.5 – 3 km/h |
| Range 2 | Field 1 | 0.5 – 12 km/h |
| Range 3 | Field 2 | 0.5 – 21 km/h |
| Range 4 | Transport | 0.5 – 40 or 50 km/h |

These preset speed ranges can be customised by the operator to ensure maximum efficiency in any operating condition.

The VT-Drive transmission features four operating modes:

- 1. Auto Mode** - The electronic unit adjusts the engine rpm and transmission ratio according to the potentiometer settings to achieve the required speed.
- 2. Manual Mode** -The operator sets the engine speed using the hand throttle. The electronic unit adjusts the transmission ratio to achieve the required speed.
- 3. PTO Mode** - The operator sets the engine speed using the hand throttle. The electronic unit adjusts the transmission ratio to achieve the required speed with the PTO activated.
- 4. Cruise Mode** - The operator selects the tractor travel speed which remains constant.



ELECTROHYDRAULIC POWER SHUTTLE

The reverse power shuttle allows the operator to automatically shift from forward to reverse without using the clutch pedal, by simply operating the shuttle control lever adjacent to the steering wheel. The shuttle response is electronically modulated and adjustable by the operator if required for different tasks.



EasyPilot joystick, designed for comfort and productivity

Functional and ergonomic, the EasyPilot multifunction controller provides easy and intuitive control of the VT-Drive transmission, allowing the operator to drive the tractor and operate the implements with maximum ease and comfort. The EasyPilot allows the operator to configure via the intuitive MyFunctions menu up to five different functions on five pushbuttons present on the controller. Configurable functions include the speed cruise control; headland operations, configured from the MyHMF menu; automatic forward/reverse shifting without using the steering-column shuttle lever. All functions are clearly displayed on the instrument panel and on the touch screen display.

THE **X8** PUTS ALL THE POWER TO THE GROUND

Maximum power transfer to the ground.

The **X8** uses all of its 313 horsepower both in the field and on the road. Thanks to its chassis-mounted engine and its efficient suspended front axle, the **X8** is the tractor that puts the most power to the ground in its class.

Optimum manoeuvrability for turning in tight spaces.

The **X8** is not only a powerful tractor, but it is also compact and easy to handle thanks to a wheelbase of just 3 metres. The innovative design of the chassis allows for a turning circle of only 7 metres, the tightest in its class.

Minimum soil compaction.

The engine, located within a rugged chassis and mounted on silent blocks, moves the tractor's centre of gravity forward, ensuring optimal weight distribution. This reduces vibrations and soil compaction to a minimum and enables all the engine power to be transferred to the ground for enhanced traction performance.



ENGINE BRAKE, MORE SAFETY AND MORE ECONOMY

The **X8** features a high-performance engine brake that increases braking capability, enabling the tractor to slow down in a controlled manner. Reduced brake use will extend brake life, reducing maintenance costs. The engine brake provides better control on steep inclines and rough terrains for maximum safety in any situation.

Traction, manoeuvrability and comfort on all terrains

The **X8** is built to tackle tough terrain and steep inclines with ease. Thanks to its chassis-mounted engine and its rugged suspended front axle, this tractor puts all of its 313 horsepower to the ground. The **X8** combines outstanding traction and manoeuvrability, ensuring optimum grip and stability for superior driving comfort in the field and on the road.

The front axle is equipped with full differential lock and electrohydraulic four-wheel drive with automatic engagement and disengagement. Both front and rear axles feature an efficient wet multi-disc braking system that provides safe controlled stopping power in any situation. The X8 is fitted with 900/60 R42 (Ø 2.15m) tyres that transfer all the engine power to the ground. The tyres' large contact area, along with the EazyGrip system that enables precise control of tyre pressure, reduces soil compaction significantly.



PARALLELOGRAM FRONT AXLE FOR ENHANCED PERFORMANCE

The electronically controlled front axle features a centre-pivot suspension system with a four-bar linkage mechanism that provides better grip and greater stability compared to conventional axles, resulting in improved driving safety. This system, which allows the operator to adjust front axle ground clearance to facilitate ploughing or other similar operations, improves traction and manoeuvrability in the field and makes for faster travel speeds, added safety and greater ride comfort on the road.

McCORMICK WEIGHTS FOR PERFECT BALANCE

McCormick offers a new range of weights that are quick and easy to attach and remove, allowing the **X8** to put to the ground its 313 hp of sheer power. Options available include sets of 600 kg and 1200 kg rear axle weights and a 1800 kg monoblock weight for front hitch.



**LARGE DIAMETER TYRES:
MAXIMUM TRACTION AND SOIL PROTECTION**

The massive 2.15 m diameter rear tyres of the **X8** help the tractor put all of its power down efficiently. In addition, the tyre's wide contact patch area ensures low specific pressure on the ground, protecting the soil structure. Our range of tyres is tailored to meet every need; for example, the VF 710/75R42 tyres, equipped with V-Flecto technology, deliver maximum traction and reduce soil compaction while providing excellent stability in all conditions.

- 1 1800 kg monoblock front weight
- 2 Set of 600 kg rear weights
- 3 Set of 1200 kg rear weights



EAZYGRIP MINIMISES SOIL COMPACTION

A correct tyre pressure preserves the structure of the soil maintaining fertility over time. The EazyGrip technology allows the operator to adjust tyre pressure for field work or road use via the touch screen monitor and the ISOBUS system. A correct tyre pressure minimises soil compaction and improves traction. It also reduces tyre wear while improving fuel economy. EazyGrip will maintain top performance with the use of low-pressure tyres such as the I-Flex tyres that use pressures up to 1 bar or the V-Flex tyres that can use pressures below 1 bar.

**McCORMICK AUTOMATIC GREASE SYSTEM:
MAXIMUM EFFICIENCY**

The Automatic Grease System from McCormick is designed to simplify, speed up and improve the maintenance of the **X8**. The system allows all lubrication points to be lubricated from a single source in order to maintain all mechanical components in good working order.



HIGH-PERFORMANCE HYDRAULICS

You work with the most powerful rear hitch in its class...

Powerful and reliable, the rear hitch of the **X8** provides a lift capacity of up to 12000 kg and gives the operator precise control of the implement during headland turns and road transport.

... and with the most efficient front hitch.

Integrated into the tractor chassis, the front-mounted hitch of the **X8** delivers plenty of lifting power, enabling easy handling of heavy implements. This design allows the hitch to transfer the force evenly over the entire tractor driveline, thereby delivering impressive lifting capability.

The hydraulic system is tailored to your needs.

The **X8** features a closed centre, load sensing hydraulic system that regulates the supply of oil to the remote valves according to the engine load. The remotes are all electronically operated and can be configured from the touch screen display. Controls can also be customised. Designed to provide high-flow capability, the hydraulic circuit of **X8** features high-quality components and provides wide configuration flexibility to meet the specific needs of farmers and contractors.



HIGHLIGHTS

- › Closed centre hydraulic system with 212 l/min variable displacement pump.
- › Electronically controlled rear hitch with up to 12000 kg lift capacity.
- › Front hitch with up to 5000 kg lift capacity as standard.
- › Electronically controlled three-speed PTO: 540Eco/1000/1000Eco rpm.
- › Front PTO: 1000Eco rpm.
- › Up to 11 electrohydraulic remote valves: 6 at the rear, with a 3-way flow divider, 3 at the front and 2 mid-mounted.

THE X8 KNOWS HOW TO PUMP UP YOUR PRODUCTIVITY



The **X8** tractors feature a closed centre hydraulic system with variable displacement pump. This means that the pump always delivers exactly the quantity of oil that the system requires, thereby eliminating unnecessary power waste. The system supplies 212 l/min to the hitch and remote valves and 115 l/min to the steering system and low-pressure hydraulic functions, allowing for simultaneous operation of all hydraulic equipment.

The **X8** can be fitted with up to eleven electrohydraulic remote valves: six at the rear, with a 3-way flow divider with six push-pull quick-couplers; three at the rear, including one dedicated to the front hitch; and two mid-mounted for the use of a front loader. The system, equipped with high-quality components and fully customisable controls, is electronically controlled and can be configured from the touch screen display. This wide choice of hydraulic options allows farmers and contractors to easily tailor their tractors to their specific needs and preferences.



Rear PTO for maximum efficiency in any application

The **X8** range has been designed to operate in a variety of conditions with heavy, power-demanding implements. The driveline design provides modulated PTO engagement, protecting implements and ensuring minimal power loss. The PTO offers three electronically selectable speeds: 540Eco, 1000 and 1000Eco rpm. External PTO, hitch and remote valve controls are also located on the rear fenders, making it easier to attach implements from the ground.

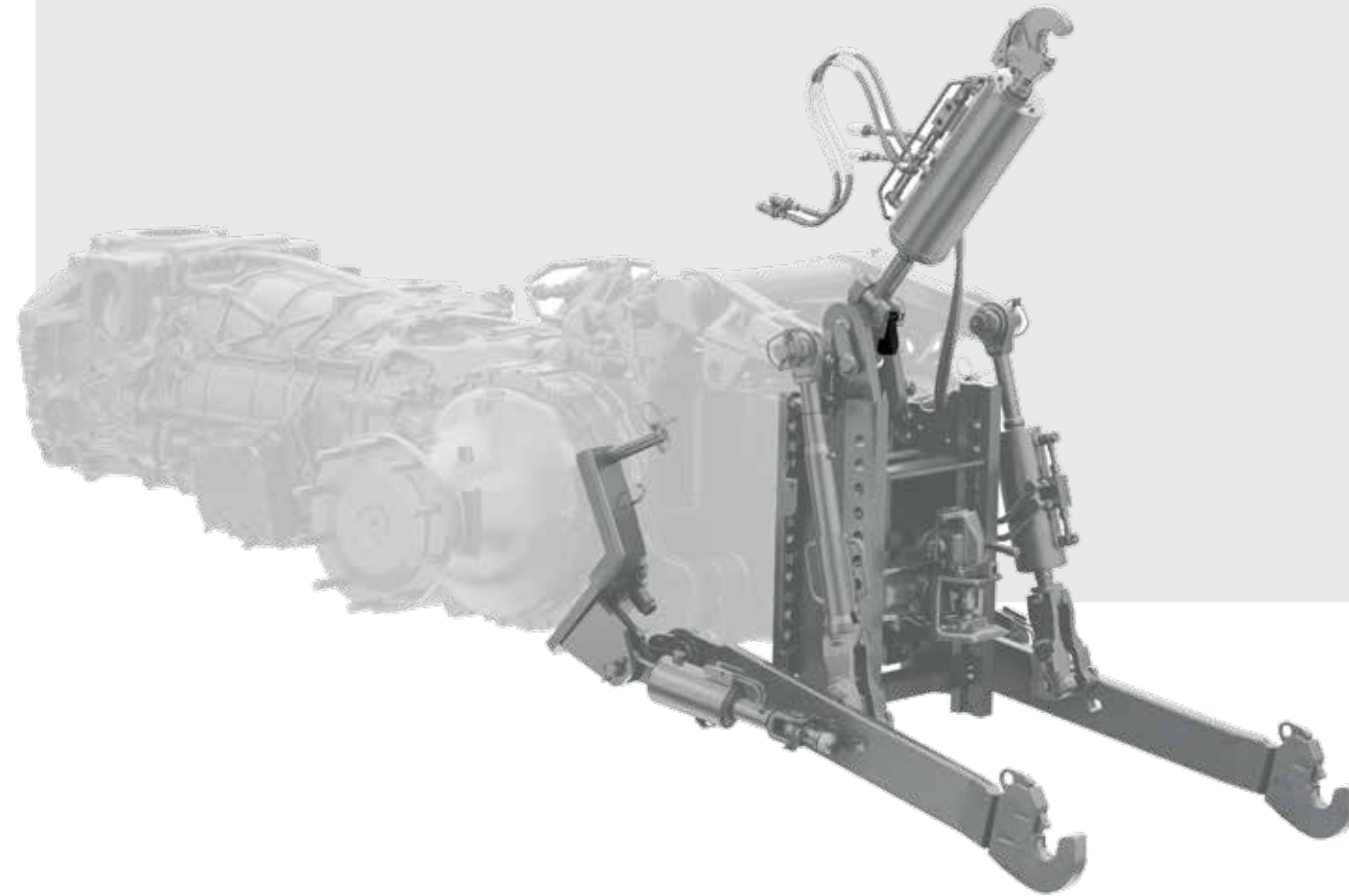
AUTO PTO FUNCTION

The Auto PTO feature will automatically disengage and reengage the PTO at three-point linkage heights set by the operator. This gives the operator precise control of the implement during headland turns.

Customised remote valve control

The **X8** tractor can be fitted with up to eleven remote valves that can be controlled from the multifunction joystick or the DSM monitor. The system allows the user to fully customise flow rates, operation modes and control settings. In addition, three fingertip controls on the multifunction armrest enable the operator to control three remote valves, while a fingertip selector operates the flow divider. A mini-joystick can operate up to six remotes that can be programmed via the DSM touch screen display, allowing the operator to control both the front hitch and front loader and to operate the ISOBUS system.





Electronic rear hitch

The EasyPilot controller enables convenient and intuitive operation of the rear hitch and implements. The electronic management provides simple and safe operation of the system. Offering a maximum lift capacity of 12000 kg, the three-point hitch Category 3 or 4N is equipped with lower link draft sensing for accurate implement control. The PTO and hitch controls on the rear fenders offer additional, easy-to-use functions such as control of one remote valve, rear hitch fast raise/lower, rear PTO and engine speed memory.

Front hitch and PTO

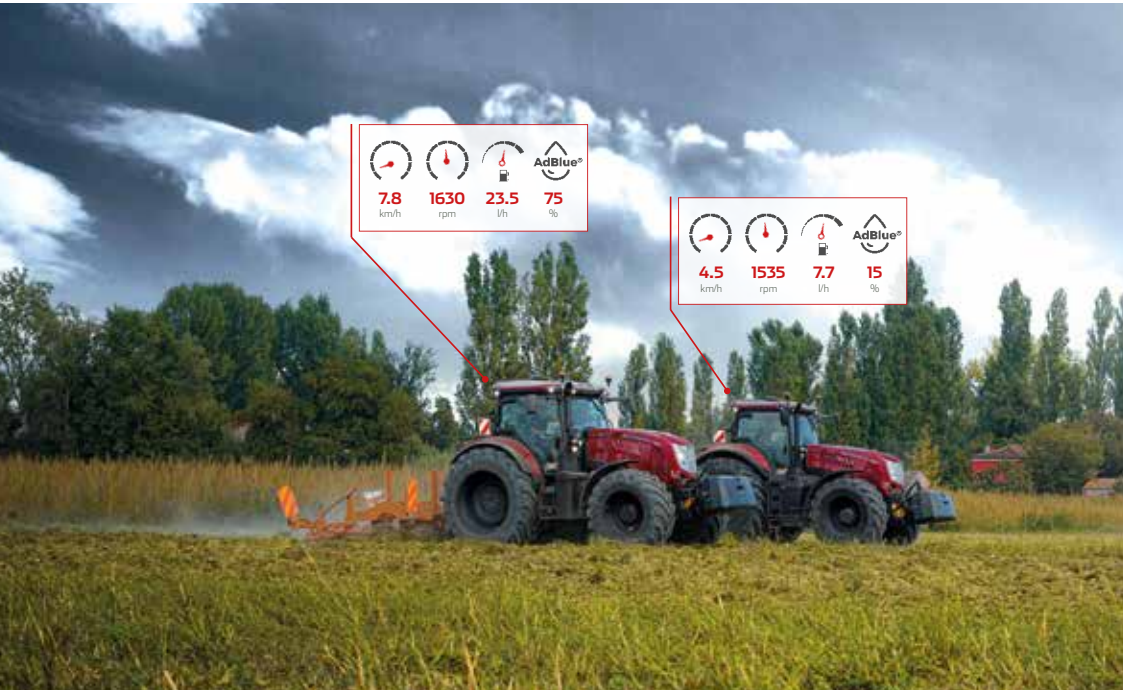
The front hitch of the **X8** is capable of lifting up to 5000 kg. The front PTO has a speed of 1000 rpm.



HITCH DAMPING SYSTEM FOR PROTECTION OF TRACTOR AND OPERATOR

The **X8** is designed to handle heavy-duty implements with maximum efficiency. During headland turns and transport operations, heavy implements generate shock loadings. Both the rear and front hitch of the **X8** feature a damping system with two nitrogen charged accumulators that minimises tractor pitching when travelling with raised implements, making for a smoother and more comfortable ride.

FLEET & DIAGNOSTIC MANAGEMENT: PROFIT ASSURED



1. Real-time fleet monitoring: The system displays at any time the exact location of each tractor in a fleet and, using the Geofencing technology, notifies whenever a vehicle enters or exits a specified zone. It also measures the efficiency of each tractor by checking parameters like speed, engine hours and RPMs, fuel and urea levels, average consumptions and work progress.

2. Data analysis: The data coming from the tractors allow the system to measure the productivity of each vehicle in the fleet and the farm's operating profit. These data are essential to monitor and reduce costs, make predictions, organise work plans and take informed decisions.

3. Scheduled maintenance and remote diagnostics: The tractor fleet is managed in a simple and fast manner. In case of failure, our after-sales service intervenes remotely in real time in order to adopt the most appropriate solutions and to improve the tractor's performance, thereby reducing downtime and extending the equipment's life.

4. Activity history: This function delimits the work areas and stores the data of the activities performed. This allows the user to better organise the work, increase efficiency and productivity and maximise profitability.

McCormick, a brand globally recognised as synonymous with high performance and cutting-edge technology, equips all its tractors with remote management and diagnostic capabilities. The McCormick Fleet & Remote Diagnostics Management system helps farmers make informed data-driven decisions that will reduce their operating costs while increasing the efficiency and productivity of their farms. This advanced solution is based upon four key functions:

- 1. Real-time fleet monitoring.
- 2. Data analysis.
- 3. Scheduled maintenance and remote diagnostics.
- 4. Activity history.

McCormick is fully committed to addressing the needs of modern agriculture with concrete and effective solutions. The McCormick Fleet & Remote Diagnostics Management system helps farmers manage their farms more efficiently by favouring the most appropriate choices in order to maintain their tractors in good working order, optimise their work and increase their business profitability.

McCORMICK FARM TECHNOLOGY FOR A MORE PRODUCTIVE FARM



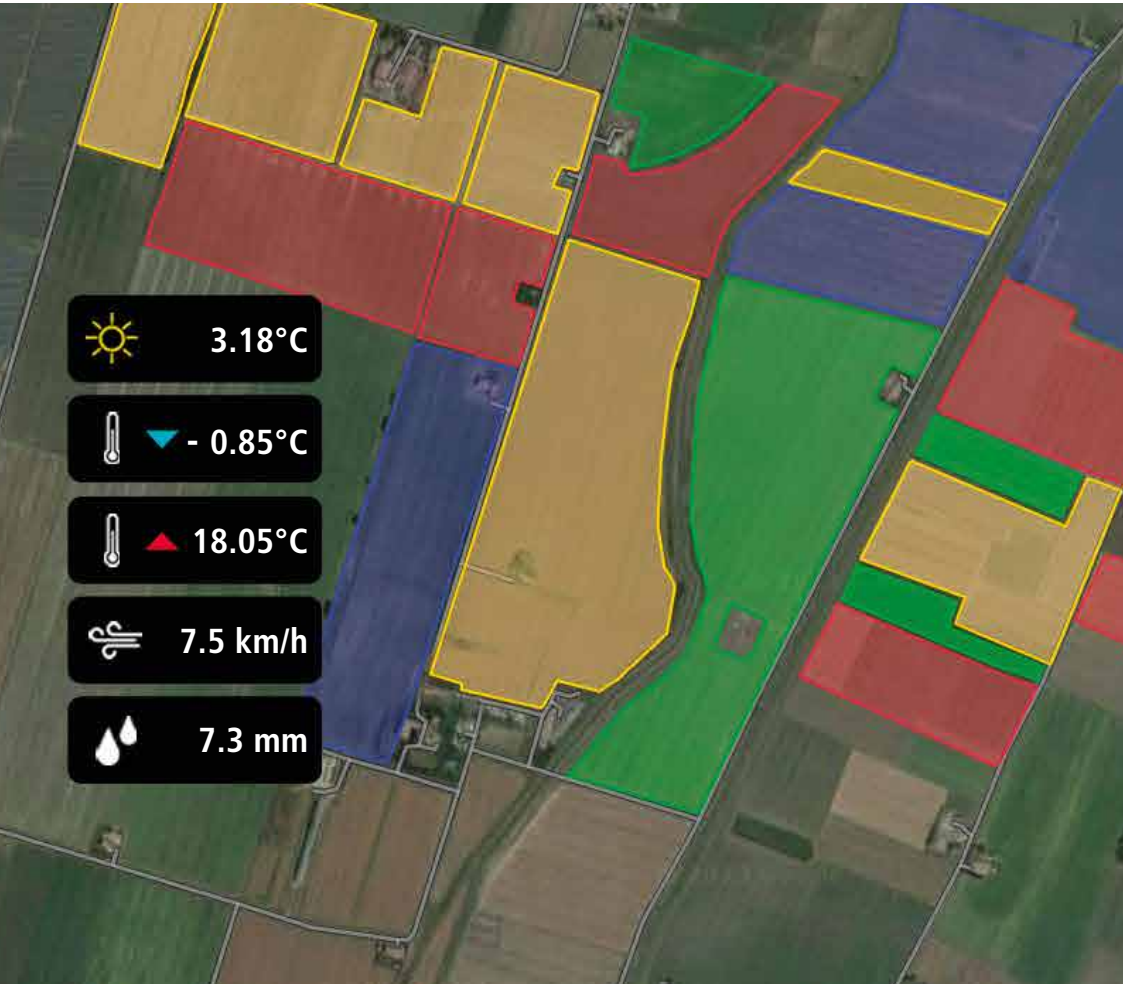
McCormick improves the efficiency of your farming operations. But not only this: McCormick Farm connects your tractor to an intelligent and intuitive farm management system. This brings farmers a number of benefits in terms of time saving, work simplification and enhanced performance.

360-degree management solutions for your farm
McCormick Farm supports more than 400 different crops and allows virtually all tasks on the farm to be accomplished, including crop management, tracking and planning of field activities, advice on crop protection and irrigation practices, creation and exchange of prescription maps with monitoring of costs and sustainability, export of documents.

Connected to your McCormick
By connecting your McCormick to the McCormick Farm app, you can view performance and reports on the farming activities carried out in the fields. In addition, you can display prescription maps, A/B lines, boundaries and obstacles.

Always at your fingertips
Whether in the field or on the farm, McCormick is always at your side, thanks to the McCormick Farm app for smartphone and tablet. And if you want to run your business from your computer, you may access the web version synchronised with the mobile devices.

Simple and intuitive
McCormick Farm is designed to be clear and user-friendly. A support chat answers questions about the use of the app.



PRECISION STEERING MANAGEMENT, FOR PRECISION PERFORMANCE



Precision farming has been in existence ever since man started to cultivate land. Today, thanks to technological development, precision farming is carried out with innovative tools that improve efficiency and increase productivity. McCormick uses the innovative PSM (*Precision Steering Management*) system, a set of integrated devices for satellite-assisted guidance that can be simply and intuitively controlled from the DSM touch screen monitor. Thanks to the precise automated steering control, the tractor only deviates 2 cm from the desired route, eliminating overlaps. This helps operators work with more speed and accuracy and reduces operating costs and environmental impact while raising efficiency and productivity in the field.

ISOBUS & ISOBUS GREEN MAKE YOUR WORK SIMPLE AND EFFICIENT

In 2015, Argo Tractors received the AEF ISOBUS certification. The **ISOBUS** system is the standard protocol through which the on-board computer communicates with the tractor and implements. The automatic control of **ISOBUS**-compatible implements allows variable-rate applications to be delivered through prescription maps generated by McCormick Farm. All **ISOBUS**-compatible implements are managed

via a DSM 12" touch screen monitor to improve operating efficiency and productivity. McCormick is a leading participant in the innovative **ISOBUS** Green project. This project allows farmers to retrofit their mechanical implements with the technology so as to connect them to the tractor's **ISOBUS** system. This solution maximises the efficiency of every implement.

Precision Steering Management & ISOBUS: all-round benefits in the field

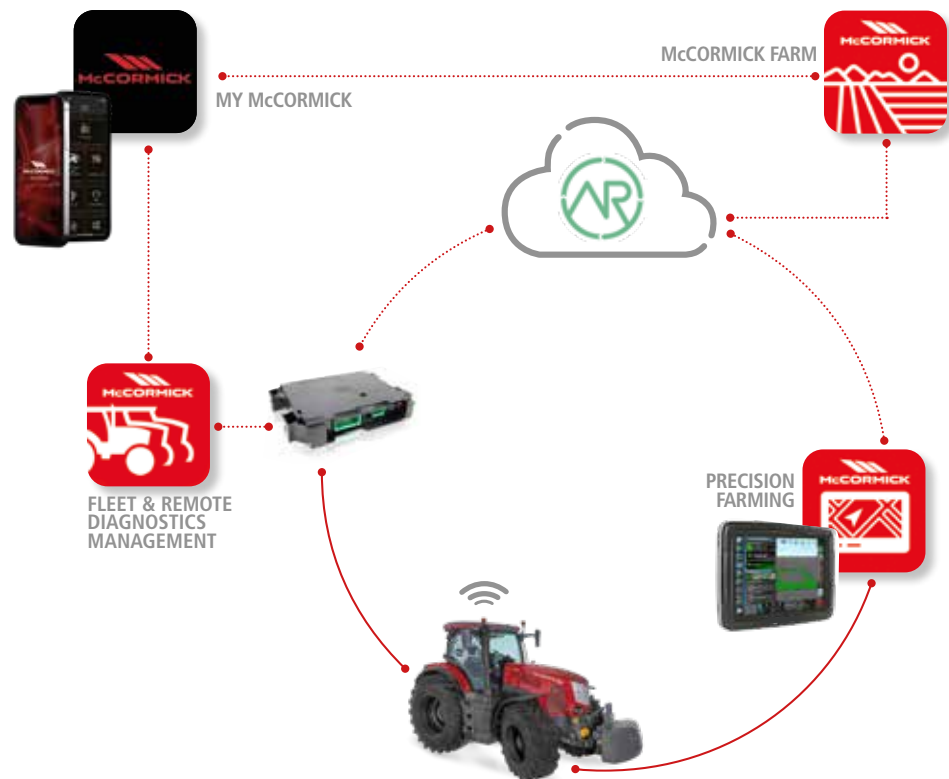
The **Precision Steering Management** and the **ISOBUS** system are innovative technologies adopted by McCormick to increase efficiency and productivity while improving comfort and safety:

- › All implement activities are managed with a high level of accuracy, including in automatic mode.
- › Difficult manoeuvres are simplified, thereby reducing operator fatigue.
- › When the driver must attend to driving and simultaneously control the implements, the PSM satellite-based guidance system will allow them to fully concentrate on the task at hand.
- › The satellite guidance system tracks field operations with maximum accuracy.

Thanks to the RTK protocols, the automatic steering allows a deviation of only 2 cm from the set route.

- › Reducing the travelled distance in the field reduces tractor and implement wear and tear and saves fuel.
- › The use of variable-rate applications based on prescription maps generated by the McCormick Farm platform eliminates skips and overlaps, minimizing product waste. Variable-rate technology reduces overuse of water, seed use by 10%, fertiliser use by 16% and herbicide use by up to 60%.
- › Chemical residues are also reduced with significant benefits for the environment.
- › Reports and pre-setting operations are simpler and can be done autonomously without recourse to skilled personnel.

ARGO TRACTORS FLEET ROUTER MANAGEMENT SIMPLIFIES YOUR WORK



The new digital technologies have rapidly multiplied the sources and destinations of data. Today, it is paramount for both small farmers and large agricultural businesses to enable different systems to communicate with each other. For this reason, in 2023, Argo Tractors has become an **Agrirouter** certified partner with the account Argo Tractors Fleet Router Management. **Agrirouter** is a universal data exchange cloud platform that allows the interchange of information between machinery, equipment and software of different manufacturers. **Agrirouter** links different sources and platforms, simplifying the operating processes and ensuring data confidentiality. The operator keeps everything under control with a single system. By connecting the tractor to the implements, including those from different manufacturers, and to the McCormick Farm platform, a simple and efficient integrated management of both machinery and farm is achieved.

MY McCORMICK APP, THE McCORMICK WORLD IN YOUR HAND



The intuitive **My McCormick** app offers the user a 360-degree immersive experience through our Digital Solutions. The **My McCormick** app gives you easy access to all McCormick digital services, allowing you to stay connected with the company through news, insights, offers and customised information. With **My McCormick** you can:

- Register your McCormick tractor fleet and access the scheduled maintenance program.
- Access the McCormick Fleet & Remote Diagnostics Management system.
- Access the McCormick Farm platform.
- Stay updated with the very latest news and events from the McCormick world.
- Stay informed on promotions and offers of tractors, original spare parts and services.
- Stay updated with new products, promotions and events from the nearest dealer.

McCormick is always at your side. With the **My McCormick** app you have the whole McCormick world at your fingertips, so you stay informed and optimise your work making it more efficient and productive.

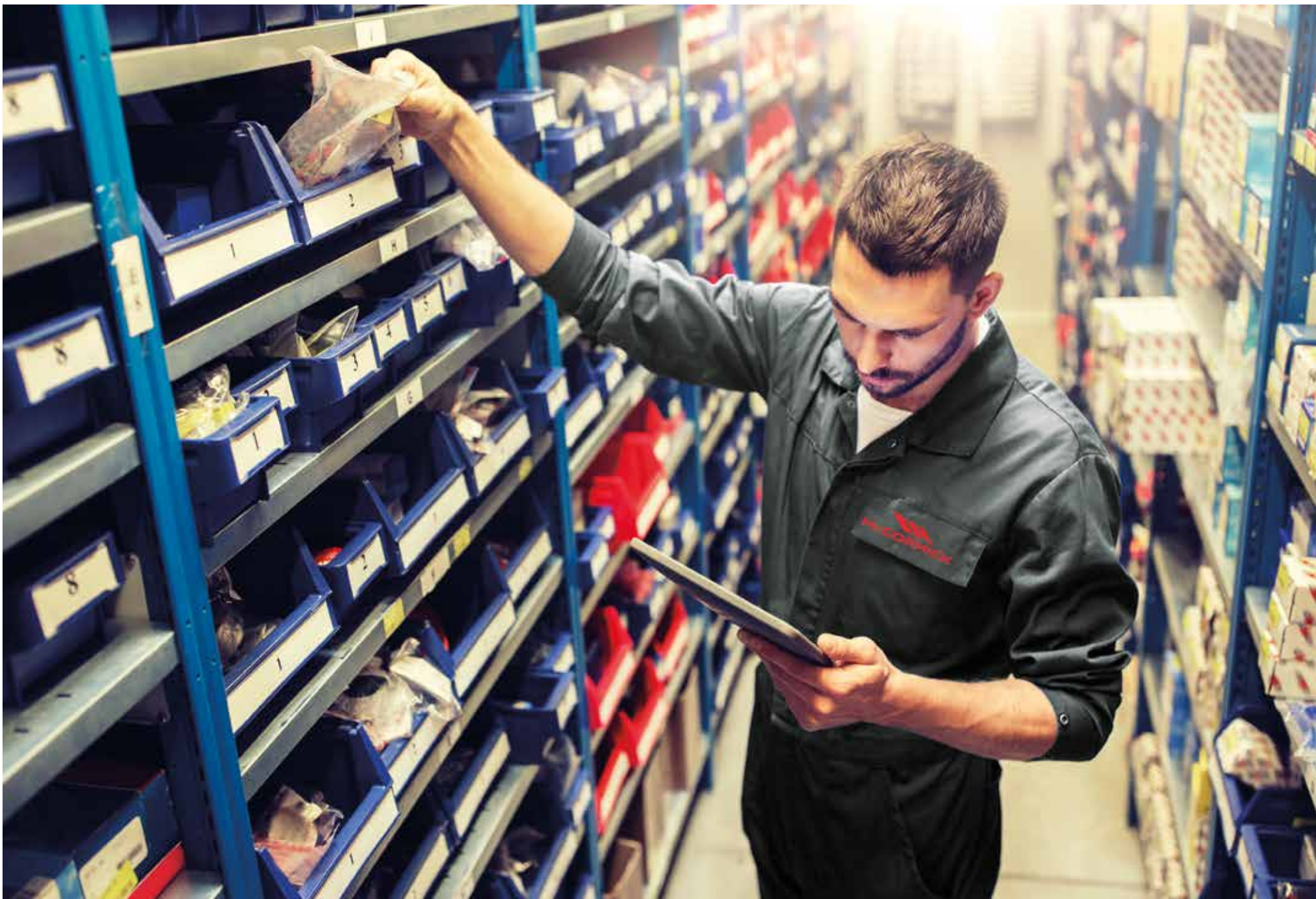


QUICK MAINTENANCE TO GET YOU UP AND RUNNING IN NO TIME

Daily maintenance must be simple, otherwise it will be postponed. McCormick provides all-round efficiency, so maintenance becomes quick and easy and you can focus on productivity and have more free time for yourself.

- › The tilt-up bonnet opens wide with the push of a button providing full access to the engine for simple and quick, tool-free maintenance.
- › 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.
- › The engine air filter is conveniently placed to facilitate cleaning and replacement.
- › The cooling radiators open fully from a single latch to allow fast, simple and thorough cleaning.
- › The HI-eSCR2 aftertreatment system is maintenance free, which reduces operating costs and unscheduled downtime.

- › The fuel and AdBlue tanks are conveniently placed to allow quick and safe refuelling. Tank caps have different colours to avoid mix-up.
- › The in-cab air filter is easily accessible for maintenance.
- › The oil level in the transmission can be conveniently checked through the transparent oil filler cap with level gauge located on the tractor's rear end.
- › The windscreen wiper fluid reservoir is located on the rear of cab.
- › The Automatic Grease System automatically delivers oil to all lubrication points, which eliminates the need for manual lubrication, thereby saving time and labour.
- › Maintenance intervals have been doubled from 500 to 1000 hours.
- › The McCormick Power Service function of the My McCormick app will remind you to carry out the necessary maintenance checks and inspect the spare parts to keep your **X8** in good working order.



McCORMICK ORIGINAL SPARE PARTS: FIRST IN PRODUCTIVITY

Although it works hard, your McCormick tractor always looks good as new. With McCormick original parts time seems to have stopped. Our original spare parts are an integral part of our scheduled maintenance and extended warranty program. 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 original spare parts are the following:

- › **Speed:** Spare parts are always shipped within 24 hours of order receipt.
- › **Quality:** Each part comes with a 12-month warranty and is marked with a tamper-proof hologram that certifies the product's quality and originality.
- › **Value for Money:** Original McCormick parts are reliable and good value: they improve your tractor performance, maintain high productivity levels and preserve your tractor's value.

All McCormick spare parts rely on our extensive design and manufacturing expertise. Because when you choose McCormick, you are choosing quality without compromise.



Being agents of change means adopting a model of fair and sustainable development capable of protecting future generations, with full awareness that the planet's resources are not infinite. McCormick's commitment to a strategy of social, environmental and industrial sustainability makes a difference. For years, we have been investing in production processes that reduce environmental impact. Furthermore, thanks to technological innovation, McCormick tractors offer economic advantages, such as higher productivity levels and lower operational costs, as well as significant environmental benefits, including reduced water consumption and pesticide use.

McCormick puts its power and its technology at the service of agriculture and the environment, paving the way for a more sustainable future.



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 mechanised 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 maximise their productivity – and this is exactly what we are proud to offer our customers.

| | | X8.627 VT-DRIVE | X8.631 VT-DRIVE |
|---|------------|---|-----------------|
| ENGINE | | | |
| Rated power (ISO TR 14396) | hp / kW | 250 / 184 | 301 / 221 |
| Max power (ISO TR 14396) | hp / kW | 273 / 201 | 313 / 230 |
| Rated engine speed | rpm | | 2100 |
| Engine speed at max power | rpm | | 1800 |
| Max torque at 1400 rpm | Nm | 1173 | 1282 |
| Torque backup | | 40% | 28% |
| Manufacturer - Engine type - Installation | | FPT - N67 - iso-mounted on cast iron chassis | |
| Stage V / Tier 4 Final exhaust after-treatment system | | HI-eSCR2 | |
| Cylinders - Displacement - Valves | | 6 - 6.7 l - 24 | |
| Air filter system | | air filter with pre-cleaning stage and dust ejector | |
| Air intake system | | eVGT electronic variable geometry turbocharger with intercooler | |
| Fuel injection system | | electronically-controlled high pressure common rail injection system | |
| Maintenance | | BIC - Best In Class system - 1000-hour maintenance interval | |
| Cooling system | | matrix radiator pack - coolers open out from a single latch | |
| Viscotronic fan | | ● | |
| CAPACITIES | | | |
| Fuel tank | l | 550 | |
| AdBlue / DEF tank | l | 71 | |
| Cooling system | l | 30 | |
| TRANSMISSION | | | |
| Type | | VT-Drive - continuously variable transmission | |
| No. of stages | | 4 | |
| Minimum speed - engine speed | km/h - rpm | 40 - 2200 | |
| Engine speed at 40 km/h - 50 km/h | rpm | ● 1300 - ○ 1580 | |
| Transmission control | | EasyPilot with multifunction armrest | |
| Forward/reverse shuttle | | electrohydraulic with modulation control | |
| REAR PTO | | | |
| Type | | electrohydraulic multidisc clutch with modulated engagement | |
| Speeds | | 540 E / 1000 / 1000 E | |
| Engine speed at rated PTO speed | rpm | 1580 / 1943 / 1605 | |
| Rotation - spline shaft type | | clockwise (viewed from tractor rear) - ● 1-3/8" PTO shaft with 6 splines - ○ 1-3/8" PTO shaft with 21 splines | |
| FRONT AND REAR AXLES | | | |
| Front suspended axle | | ● parallelogram suspension system | |
| Traction type | | electrohydraulic 4WD | |
| Front differential lock | | fully electrohydraulic | |
| Rear differential lock | | fully electrohydraulic | |
| Rear axle type | | ● flanged type -○ bar axle type | |
| BRAKING SYSTEMS | | | |
| Front braking system | | oil-bath disc brakes | |
| Rear braking system | | 6 oil-bath discs | |
| Trailer braking system | | ○ pneumatic brake system with 2 or 2+1 lines, with or without 2-line hydraulic brake system | |
| Engine brake | | ● | |
| HYDRAULIC SYSTEM | | | |
| Hydraulic piston pump with CCLS system - flow rate | | ● 212 l/min | |
| Steering pump - flow rate | | ● 115 l/min | |
| Rear remote valves - type, flow rate, min - max | | ● 4 + 3 - electrohydraulic, 140 l/min - ○ 6 + 3 | |
| Flow diverter with flow selector - section flow rate | | ○ 3 sections with dedicated push-pull connectors - 60 l/min per section | |
| Free-flow return | | ● | |
| Power Beyond adaptor and free-flow return | | ○ | |
| Power Beyond with push-pull connectors and free-flow return | | ○ | |
| Mid-mounted remote valves - flow rate | | ○ 2 electrohydraulic with multifunction joystick - 100 l/min | |
| Front loader ready kit | | ○ without frame - mid-mounted valves only | |
| Hydraulic oil take-out capacity | l | 70 | |

| REAR 3-POINT HITCH | | | |
|---|-----|---|--|
| Electronically-controlled rear hitch | | with lower link draft control, position control, mixed control, float position | |
| Category - coupler type | | ● III - ball ends with quick-hitch hooks - ○ IV N - ball ends with quick-hitch hooks | |
| Max lift capacity at the hooks - ram diameter | kg | ● 12000 - 120 mm | |
| FRONT 3-POINT HITCH | | | |
| Electronically-controlled front hitch | | ● with position control | |
| Category - coupler type | | III N - ball ends with quick-hitch hooks | |
| Lift capacity at the hooks (OECD) | kg | 5000 | |
| FRONT PTO | | | |
| Type | | ○ electrohydraulic multidisc clutch with modulated engagement | |
| Speed | | 1000 | |
| Engine speed at rated PTO speed | rpm | 1920 | |
| Rotation - spline shaft type | | ○ clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 6 splines | |
| Rotation - spline shaft type (North American version) | | ○ counter-clockwise (viewed from tractor front) - 1-3/8" PTO shaft with 21 splines | |
| CAB | | | |
| Clever Cab - 4-post cab with McCormick semi-active suspension system | | ● electronically-controlled electrohydraulic semi-active cab suspension | |
| In-cab noise level | dBA | 67 | |
| Automatic climate control | | ● | |
| Deluxe air suspension seat | | ● low-frequency air suspension, swivel and height adjustments, manual weight control, lumbar support and headrest | |
| Super Deluxe air suspension seat | | ○ Dynamic Damping System, backrest ventilation, alcantara upholstery, swivel and height adjustments, automatic weight control, lumbar support and swivel headrest | |
| Trainer seat | | ● | |
| EasyPilot with multifunction armrest | | ● | |
| DSM Data Screen Manager | | ● 12" touch screen monitor | |
| DSM Plus | | ○ 12" digital instrument cluster and 12" main touch screen monitor | |
| MyFunctions | | ● | |
| MyLights | | ● | |
| MyHMF | | ● | |
| Sound system | | ● Alpine touch screen DAB radio with Apple Car Play, Android Auto, 4 Alpine speakers, bluetooth, aux-in and integrated microphone | |
| LED work lights | | ● 20 | |
| LED beacon lights | | ● left and right side | |
| ON-BOARD TECHNOLOGY | | | |
| Front ISOBUS connection | | ○ | |
| PSM Precision Steering Management, rear ISOBUS and EazySteer - ready | | ● | |
| PSM Precision Steering Management, rear ISOBUS and EazySteer | | ○ EGNOS full kit (20 cm precision) - ○ RTK NTRIP full kit (2 cm precision) | |
| McCormick Fleet and Remote Diagnostics Management - ready | | ● | |
| McCormick Fleet, Remote Diagnostics Management and McCormick Farm Pro Pack | | on selected markets - ● 1 year - ○ 3 years - ○ 5 years | |
| WEIGHTS AND DIMENSIONS | | | |
| Wheelbase | mm | 3000 | |
| Max height over cab without beacon lights (with PSM satellite steering system) | mm | 3354 - measured with tyres 650/65R34 - 900/60R42 | |
| Max height from top of cab to rear axle centre (with PSM satellite steering system) | mm | 2400 | |
| Max length with front weights - Max width | mm | 6569 - 2930 measured with tyres 650/65R34 - 900/60R42 | |
| Steering radius | mm | 5400 measured with tyres 650/60R34 - 710/70R42 | |
| Shipping weight - measured with average specs | kg | 11000 | |
| Gross vehicle weight | kg | 16000 | |
| Max front and rear tyre size - (Index Radius - IR) | mm | 650/65R34 (IR 775) - 900/60R42 (IR 1025) | |
| Front hitch weight | kg | ○ 1800 | |
| Rear axle weights | kg | ○ 300 x 2 - ○ 300 x 4 | |

Key: ● standard ○ option



Power Technology.

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