

# X7 SWB



418 - 618 VT-DRIVE  
417 - 418 - 617 - 618 P6-DRIVE





# McCORMICK X7 SWB, A PERFECT MIX OF PERFORMANCE, VERSATILITY AND COMFORT



Ever since its inception, the Argo Industrial Group has been uncompromising in its commitment to the pursuit of quality. This strategic choice has led the Group's engineers to continuously expand McCormick's popular X7 tractor family. The new short-wheelbase **X7 SWB** tractors deliver a perfect mix of performance, versatility, efficiency and comfort.

The **X7 SWB** range is comprised of four- and six-cylinder models with self-supporting engines. This tractor range is specifically designed for farmers and agricultural contractors looking for a tractor that is sleeker in design and more versatile in use than its long-wheelbase bigger brother, a tractor ideal for spring and autumn field activities in wet soil conditions where weight is critical.

Inspired by the automotive design, the new **X7 SWB** tractor impresses with its powerful dynamic lines and its spacious cab with ergonomically-designed controls. The tractor can be equipped with up to twenty LED work lights, twelve of which are fitted on the cab roof to provide full all-round visibility in all working conditions.

Boasting up to 175 hp for both the four- and six-cylinder models, the new FPT NEF engines deliver best-in-class

performance in terms of traction and fuel economy. Thanks to the innovative HI-eSCR2 exhaust after-treatment system, the new engines powering the **X7 SWB** tractor range fully comply with Stage V emissions regulations. Designed to improve operator's visibility to the front, the new one-piece bonnet tilts open 90 degrees providing easy access to the engine compartment for service and maintenance.

The range comes with a choice of two transmissions: a VT-Drive continuously variable transmission and a P6-Drive powershift transmission. The 160 l/min high-flow hydraulic pump and the electronic management of the rear hitch guarantee precise implement operation. A 12-inch touch screen monitor allows the operator to stay in full control of both the tractor and ISObus-compatible implements. This results in improved driving accuracy making for greater efficiency and productivity.

Choosing McCormick means choosing a reliable partner that provides best-in-class performance combined with uncompromising efficiency and versatility.

# HIGHLIGHTS

## Cab

- › DSM Data Screen Manager: 12-inch touch screen monitor with new functions
- › Manual or automatic climate control
- › Electrically adjustable steering wheel

## Design

- › New bonnet design with dynamic lines for enhanced visibility
- › Premiere Cab inspired by the automotive design
- › Up to 20 LED work lights on bonnet and cab

## Engine

- › FPT NEF 45 and 67 engines with HI-eSCR2 Stage V emissions control technology
- › Self-supporting engine for best performance and versatility
- › Coolers open out from a single latch to allow easy and fast cleaning

## Transmission

### VT-Drive four-stage continuously variable transmission:

- › Four programmable speed ranges
- › Transmission controls integrated into the EasyPilot proportional controller
- › Lower fuel consumption for reduced operating costs
- › 40km/h or 50 km/h ECO speed at reduced engine rpm, minimum speed 40 m/h

### P6-Drive Powershift transmission with 6 Powershift speeds and 5 ranges:

- › Robotized range shifting
- › Smart APS: automatic selection of the right gear to suit load conditions
- › Engine Brake function for efficient braking performance
- › Stop & Action with De-clutch function integrated into the brake pedal
- › Creeper with up to 54 forward + 27 reverse speeds, minimum speed 400 m/h
- › ECO mode for transport operations and Oil Cut-off feature for improved fuel economy

## Axles

- › Electronically-controlled independent front suspension
- › Automatic 4WD and differential lock engagement

## Hydraulic system

- › Closed-centre hydraulic system with 160 l/min variable displacement pump
- › Up to 8 mechanical or electrohydraulic remote valves
- › Front hitch capable of lifting up to 3500 kg
- › Electronically-operated rear hitch with up to 9300 kg lift capacity
- › Four-speed PTO standard

## On-board technology

- › New DSM functions for improved performance and customized comfort
- › PSM – Precision Steering Management for utmost working accuracy
- › McCormick Fleet Management for efficient tractor fleet management
- › McCormick Diagnostic Remote Management for remote maintenance



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# WELCOME TO **FIRST CLASS!**

## **Keeping everything under control has never been so easy**

The four-post cab of the **X7 SWB** ensures the driver has full all-round visibility. All controls are servo-assisted and intuitively arranged according to anthropometric principles. The 12-inch tablet-like touch screen monitor incorporates new functions that allow the operator to customize the tractor's operation to suit specific application needs. Twenty LED work lights provide daylight illumination for night work and two rear view cameras allow the driver to monitor blind spots from the cab.

## **Enhanced comfort increases productivity**

The Premiere Cab helps the operator to better focus on productivity. The cab of the **X7 SWB** is perfectly sound insulated and features a mechanical suspension system which, combined with the front suspended axle, ensures maximum ride comfort on all terrains. The driver's seat can be ventilated and equipped with a semi-active air suspension system. The air conditioning distributes air evenly throughout the cab for maximum operator comfort.

## **You get an easy win with McCormick on-board technology**

To optimise efficiency and profitability, McCormick has further increased the tractor's performance with the addition of new menus that can be managed from the 12-inch DSM touch screen monitor. The innovative, intuitive on-board technology developed by McCormick combines higher performance and superior ride comfort, thereby improving work efficiency.

## HIGHLIGHTS

- › Four-post cab design with 360-degree panoramic view
- › One-piece windscreen for optimum forward visibility
- › Mechanical cab suspension
- › Instrument panel and steering column adjustable in tilt and depth
- › Ventilated air suspension seat with swivel
- › DSM - Data Screen Manager: 12-inch touch screen monitor with new functions
- › Multifunction armrest with ergonomically-designed controller and integrated controls
- › Hide-away buddy seat for easier access to the cab
- › Efficient air distribution system with eight vents for optimum in-cab temperature
- › Fully opening transparent roof hatch with integrated sunshade
- › Automotive-grade interior with soft-touch materials
- › Radio with DAB+, Mp3 player, Bluetooth and integrated microphone
- › Up to 20 new-generation LED work lights on bonnet, cab and mudguards

# FIRST-CLASS COMFORT FOR TOP-OF-THE-CLASS PRODUCTIVITY



The **X7 SWB** tractor range is equipped with Premiere Cab, a newly designed spacious and comfortable four-post cab with rear hinged doors that provides unobstructed visibility in all directions, giving the driver a clear view of blind spots without changing position. A highly-efficient sound insulation system maintains an in-cab noise level of only 70 dB providing the operator with a quiet working environment. Getting into the cab has never been so easy thanks to wide, well-spaced steps and to the buddy seat which neatly folds away allowing unhindered access to the driving position. The spacious and bright cab interior welcomes the driver with easy-clean, automotive-grade soft-touch materials. The dashboard and the steering wheel can be electrically adjusted in tilt and depth to ensure maximum operator efficiency. The driver's seat is optionally available with Alcantara upholstery, swivel, dynamic air suspension system, automatic height adjustment and ventilated backrest for ultimate driving comfort. The multifunction armrest is designed according to the highest ergonomic standards and accommodates the tractor's main controls for intuitive operation of the **X7 SWB**. All the functions integrated into the EasyPilot multifunction controller are easy to set up and operate.



### MyFunctions

The X7 SWB allows the operator to improve work efficiency by customizing the tractor controls. The new MyFunctions menu allows the operator to set up up to five different functions via the DSM touch screen monitor for maximum operating comfort.

The large 12-inch DSM touch screen display has a tablet-like intuitive interface and new functions that increase, speed up and customize the tractor's operation. Comfort is a standard feature inside the Premiere Cab: refrigerated in-cab storage compartment and bottle holder, 12V sockets for charging mobile devices, radio with DAB+, interior mirror, fully opening transparent roof hatch for extra visibility, up to 12 LED work lights on the cab roof for easier loader operation, air conditioner with eight air vents for a comfortable working environment all year round.



### ELECTRICALLY ADJUSTABLE STEERING WHEEL

An innovative system allows the operator to adjust the inclination of the steering wheel through a simple switch. A lever also enables adjustment of steering wheel height.



### MyUser

This menu allows all operating parameters of the X7 SWB (language, settings, menus etc.) to be saved and linked to each user profile for ultimate versatility in multi-operator applications.



### MyTractor

The MyTractor menu allows the user to save and recall the tractor operating settings, such as for example MyFunctions and MyHMF, without the need to reconfigure them.



### MyHMF

The MyHMF menu allows the user to intuitively set up and modify an infinite number of headland management sequences, even when the tractor is stationary. New, ergonomically-arranged buttons provide maximum ease of use.



### MyLights

The cab roof of the new X7 SWB tractor has been completely redesigned and can now be equipped with up to 12 LED work lights that provide daylight-like lighting for night-time work. All work lights can be configured via the MyLights menu on the DSM touch screen display.





# MORE POWER AND FUEL ECONOMY, TO PROTECT YOUR FARM AND THE ENVIRONMENT



## **Consumption reduced by up to 10%**

Thanks to a new-generation common rail injection system and to the HI-eSCR2 exhaust after-treatment system, the new FPT NEF four- and six-cylinder engines reduce fuel consumption by up to 10 percent compared to same-class competitive engines.

## **High technology for improved efficiency**

The new FPT NEF engines are designed to add value to your operation. Each and every task, even the most demanding one, is performed with maximum efficiency in terms of power, torque and reliability.

## **Radiator cleaning is a matter of minutes**

Improving work also means reducing daily maintenance time. McCormick knows it. That's why it has developed Cooling Matrix, an innovative system that allows the coolers located in front of the radiator to open fully from a single latch to provide quick and easy thorough cleaning. The Cooling Matrix system preserves the efficiency of the cooling system maximizing the engine performance.

## HIGHLIGHTS

- › Self-supporting 4- and 6-cylinder engines
- › Power Plus system to increase power up to 175 hp
- › Turbo intercooled engine with electronic common rail injection system
- › High torque backup
- › HI-eSCR2 emissions control system meeting Stage V emissions regulations
- › Fuel tank with up to 280 litre capacity
- › Easy-fill AdBlue® tank with 52 litre capacity
- › Cooling Matrix system: coolers open out from a single latch to allow easy and fast cleaning
- › Engine Brake function for enhanced braking performance

# NEW FPT NEF ENGINES FOR SUPERIOR PERFORMANCE



The **X7 SWB** tractor range is powered by new self-supporting four- and six-cylinder engines with multivalve technology. The four-cylinder models are equipped with FPT NEF 45, 4.5-litre, 16-valve engines and have a wheelbase of 2651 mm; the six-cylinder tractors feature FPT NEF 67, 6.7-litre, 24-valve engines and have a wheelbase of 2760 mm. Designed with performance, reliability and durability in mind, both engines are equipped with electronic common rail injection system and meet the Stage V emissions regulations using the HI-eSCR2 exhaust after-treatment system. The self-supporting design and the short wheelbase make the **X7 SWB** tractor extremely nimble and efficient. The Power Plus system electronically adjusts the engine power to respond to varying load conditions. During transport applications or PTO operations, the Power Plus automatically delivers additional 10 hp, increasing engine power to 165 and 175 hp, respectively, to handle tough conditions and heavy loads while maintaining speed and productivity. A cutting-edge fuel injection strategy also increases engine responsiveness while reducing both fuel consumption and exhaust emissions. The innovative Cooling Matrix system allows the coolers located in front of the radiator to open fully from a single latch to provide fast and easy cleaning in dusty conditions. This system improves cooling efficiency and fuel economy ensuring superior levels of performance.



#### **ENGINE BRAKE FUNCTION FOR MORE EFFICIENT BRAKING**

The engine brake function improves the tractor's braking performance by operating the turbocharger's throttle valve: a foot pedal conveniently located between the clutch and brake pedals reduces the engine revs activating the engine brake in conjunction with the rear brakes.

#### **HI-ESCR2 SYSTEM TO MEET STAGE V EMISSIONS STANDARDS**

The HI-eSCR2 exhaust after-treatment system enables the **X7 SWB** tractors to fully comply with the Stage V emissions regulations. This technology integrates the SCR catalyst with a maintenance-free filtering device, doing away with the EGR system. This results in enhanced engine performance and reduced operating costs.

#### **COOLING MATRIX SYSTEM FOR QUICK RADIATOR MAINTENANCE**

To further reduce fuel consumption while maintaining the performance of the **X7 SWB** tractor, McCormick has developed Cooling Matrix, a radiator cleaning system which enables the coolers to open out fully from a single latch to allow fast and easy daily cleaning.

#### **REDUCED WHEELBASE FOR GREATER STABILITY AND VERSATILITY**

With a wheelbase of only 2651 mm, the four-cylinder model of the **X7 SWB** has been designed to offer ultimate versatility. The six-cylinder model has been reduced in weight by 300 kg to further decrease soil compaction. Extremely manoeuvrable and versatile, the six-cylinder has a wheelbase of 2760 mm and a powerful front-wheel drive that improves stability in the field and during front loader operations.



# VT-DRIVE, THE RESPONSIVE TRANSMISSION

## **The VT-Drive transmission ensures a responsive drive in all conditions**

Combining a powerful engine with the VT-Drive continuously variable transmission, the **X7 SWB** delivers fast acceleration and excellent responsiveness in any situation.

## **VT-Drive, the best variable transmission ever**

Designed to perform every task with maximum efficiency, the VT-Drive continuously variable transmission rolls into the future with an innovative next-generation four-stage technology.

## **The VT-Drive transmission makes your work easier**

Release the parking brake, select the drive direction with the shuttle lever and step on the gas pedal. It couldn't be easier. The VT-Drive transmission does really simplify your work. The ease of operation, combined with intuitive controls and a tablet-like touch screen interface, makes the **X7 SWB** the ideal workmate for every farmer.





## HIGHLIGHTS

- › All transmission controls grouped on the EasyPilot controller
- › Speed shifting without use of the clutch pedal
- › Soft acceleration, optimum speed, constant traction
- › Greater concentration on the job in hand with the user-friendly VT-Drive transmission
- › Lower fuel consumption, reduced operating costs
- › Power shuttle lever for automatic forward/reverse shifting
- › 40 km/h or 50 km/h top speed in ECO mode at reduced engine rpm, minimum speed 40 m/h

# VT-DRIVE TRANSMISSION FOR CONTINUOUS PRODUCTIVITY

The VT-Drive continuously variable transmission is designed to maximize the efficiency of your **X7 SWB** improving its performance and versatility in every application. Combining powerful FPT NEF engines with a four-stage VT-Drive transmission composed of four planetary gear trains with oil-cooled clutches, the **X7 SWB** ensures fast, responsive acceleration in any situation, making work less tiring and safer. The VT-Drive transmission offers four speed ranges with advance speeds from 40 m/h to 50 km/h for maximum productivity under all operating conditions.



### ELECTROHYDRAULIC POWER SHUTTLE

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

## VT-Drive, the four-stage continuously variable transmission

Using four-stage instead of usual two-stage technology, McCormick's innovative VT-Drive transmission embodies technological excellence. Farmers and agricultural contractors looking for a truly versatile tractor capable of performing a wide range of tasks reliably and efficiently should look no further than the **X7 SWB**.

The VT-Drive transmission enables the operator to choose the speed range that is best suited to the task in hand, thereby improving comfort and productivity:

**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**

The VT-Drive transmission features four operating modes:

### **1. Auto Mode**

The software controls the engine speed and transmission ratio that are most suited to achieve the speed set via the potentiometer.

### **2. Manual Mode**

The operator sets the engine speed with the hand throttle. The software controls the transmission ratio that is most suited to achieve the required speed.

### **3.PTO Mode**

The operator sets the engine speed using the hand throttle. The software controls the transmission ratio that is most suited to achieve the set speed, enabling the implement connected to the PTO to work at the required rpm.

### **4. Cruise Mode**

The operator selects the tractor travel speed which remains constant.



## EasyPilot, the multifunction controller

Integrated into the multifunction armrest of the **X7 SWB**, the EasyPilot controller is designed for ease and comfort of use. Using the VT-Drive transmission, driving the tractor and operating the implements is really intuitive and straightforward with the EasyPilot controller. The MyFunctions menu allows the user to configure up to five different functions with the five pushbuttons of the controller. Configurable functions include the engine speed cruise control, start of headland turn and shifting from forward to reverse without use of the steering-column shuttle lever. All functions are clearly displayed either on the instrument panel or on the touch screen monitor.





# P6-DRIVE: THE TRANSMISSION YOU CAN RELY ON, ALWAYS

## **You benefit from the best performance-to-consumption ratio**

During towing and transport operations, by selecting Smart APS Auto Powershift you have always the right gear for the job in hand: all you've got to do is step on the gas pedal and the transmission will do the rest, shifting automatically up and down to suit engine load conditions. This solution improves tractor performance while reducing fuel consumption.

## **Driving is always smooth and safe**

The Stop & Action function allows the operator to control the clutch with just a light pressure on the brake pedal. This will result in seamless gear changes making the drive with a P6-Drive transmission as smooth as that of a CVT transmission. In addition, for greater safety, a dedicated software will decide when to disconnect the clutches based on the load.

## **You travel on road without losing power**

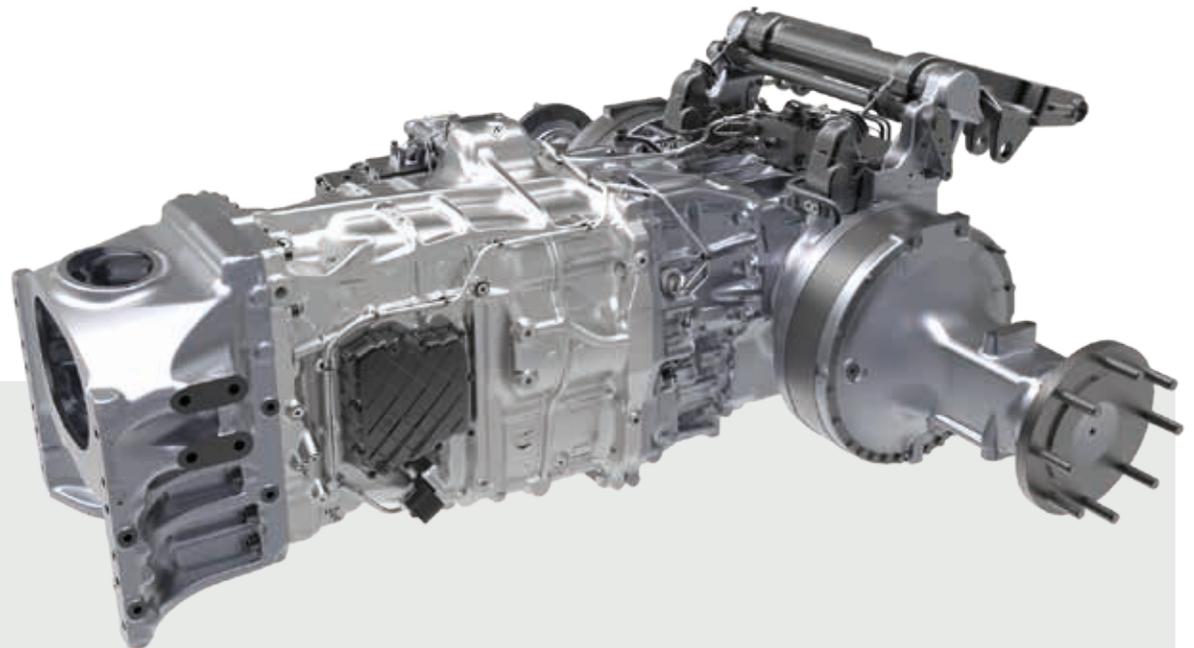
When the tractor speed exceeds 30 km/h, the oil cut-off function stops lubrication to the transmission reduction gears to minimize power losses.

## HIGHLIGHTS

- › All transmission controls grouped on the EasyPilot controller
- › Robotized range shifting
- › Speed Matching: automatic powershift selection based on tractor speed
- › Smart APS Auto Powershift: automatic shifting through all powershifts and ranges
- › De-clutch button for clutchless gear changes
- › Stop & Action system to integrate the de-clutch function into the brake pedal
- › Steering-column power shuttle with response modulation
- › Creeper providing 54 FWD + 27 REV speeds, minimum speed 400 m/h
- › ECO mode for transport operations and Oil Cut-off function for improved fuel economy

# P6-DRIVE TRANSMISSION, THE RIGHT SPEED FOR EVERY APPLICATION

The P6-Drive transmission with five ranges and six powershift speeds incorporates a robotized range shifting and an electrohydraulic steering-column power shuttle providing 30 forward and 15 reverse speeds. A creep speed option increases available speeds to 54 forward and 27 in reverse. Where legally permitted, the **X7 SWB** can reach a top speed of 50 km/h at reduced engine rpm. The P6-Drive transmission is further equipped with an oil cut-off function which improves the tractor's braking efficiency while reducing fuel consumption.



## EasyPilot multifunction controller

The ergonomically-designed EasyPilot controller integrated into the multifunction armrest provides easy and intuitive control of the P6-Drive transmission, allowing the operator to shift through all gears and ranges without using the clutch pedal. The powershift button enables seamless speed progression providing optimum traction in any situation, both in the field and on the road. The EasyPilot controller allows the operator to drive the tractor and operate the implements with maximum ease and comfort. With the five MyFunctions buttons located on the controller, the operator can set up five different functions such as the APS Auto Powershift, differential lock, four-wheel drive engagement, de-clutch button, PTO, engine speed cruise control, one remote valve and headland management. All functions are clearly displayed on either the digital instrument panel or the touch screen monitor.

## Smart APS Auto Powershift automatic transmission

The P6-Drive transmission can be controlled both manually and automatically. The Smart APS Auto Powershift facility automatically selects the right gear in each range based on load conditions, travel speed and engine rpm. The automatic transmission provides a simple, safe and comfortable driving experience and improves tractor performance while optimizing fuel economy.

## Stop & Action system

The Stop & Action system integrates the De-clutch function into the brake pedal. This allows the operator to stop the **X7 SWB** without using the clutch and power shuttle. By the combined use of the Stop & Action system and the APS facility, the P6-Drive transmission provides a smooth driving performance that's comparable to that of a continuously variable transmission.

### MULTIFUNCTION ARMREST TRIM LEVEL

The controls of the P6-Drive transmission are integrated into the multifunction armrest of the driver's seat.



### RIGHT-HAND CONSOLE TRIM LEVEL

The controls of the P6-Drive transmission are placed on the ergonomic right-hand console.



### ELECTROHYDRAULIC POWER SHUTTLE

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



### SMART APS AUTO POWERSHIFT

The Auto Powershift (APS) will change the powershift speeds based on engine speed parameters and load for up and downshifting. These parameters can be adjusted by the APS dial in the armrest from an Eco through to a Power setting.



# LIGHTWEIGHT, POWERFUL, COMFORTABLE: THIS IS WHAT THE **X7 SWB** IS ALL ABOUT



## **Less soil compaction makes your crops thrive**

Lightweight and perfectly balanced, the **X7 SWB** reduces the amount of ground compaction, preserving soil fertility.

## **The drive is easier than ever so you are more relaxed**

With the **X7 SWB**, the drive is easier and more precise, and you don't need to continuously correct the steering, so you can concentrate better on the job in hand and feel less fatigued at the end of the day.

## **You get all the horsepower to the ground so you have more traction**

Thanks to its rugged front axle with independent wheels and excellent weight distribution, **X7 SWB** brings all the power to the ground with maximum efficiency.

# TRACTION, VERSATILITY AND SAFETY IN ALL CONDITIONS

The **X7 SWB** is the tractor that transfers more power to the ground in its power class, ensuring outstanding traction for better grip and stability both in the field and on the road. The rugged independent front axle system with full locking differential allows each wheel to absorb impacts independently of one another. This increases traction capability and versatility in the field and improves speed, safety and comfort during transport operations. High-capacity wet multi-disc rear axle brakes ensure safe controlled stopping power. When braking, the four-wheel drive engages automatically, which in turn brakes the front axle for efficient braking on all four wheels. The **X7 SWB** tractor is also equipped with a braking booster system which reduces the effort required by the operator while improving driving accuracy.

## **GROSS VEHICLE WEIGHT AND MAXIMUM REAR TYRE SIZE**

Both the four- and six-cylinder models of the **X7 SWB** range have a gross vehicle weight of 11,500 kg. All models in the range have a maximum rear tyre size of 710/60R38. This reduces soil compaction for better performance in the field and improves stability and comfort on the road.







# THE **X7 SWB** KNOWS HOW TO GET THE MOST OUT OF ANY IMPLEMENT

## **The hydraulic system can be tailored to your specific needs**

The **X7 SWB** tractor range can be equipped with a closed-centre, load-sensing (CCLS) high-flow hydraulic system. Featuring high-quality components, the hydraulic system of the **X7 SWB** is highly configurable and can be customized to meet each farmer's specific needs.

## **With CCLS hydraulics you get better performance and fuel economy**

The hydraulic system of the **X7 SWB** is a closed-centre load-sensing (CCLS) system, a technology that delivers the required oil flow to the remotes only when demanded by the operator. The CCLS system optimizes power and efficiency, further enhancing tractor performance and productivity.

## **The front and rear hitches are powerful and user-friendly**

Featuring a self-supporting design, the **X7 SWB** can be equipped with a newly-designed front hitch that lifts up to 3500 kg and is controlled by an ergonomic controller for greater ease of use. The electronically-controlled rear hitch provides a maximum lift capacity of 9300 kg and allows a precise implement control via the intuitive EasyPilot controller.

# THE X7 SWB PUTS PRESSURE ON PRODUCTIVITY



The **X7 SWB** tractor range features a closed-centre load sensing hydraulic system (CCLS) 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 and ensuring superior performance in any situation. The system supplies up to 160 l/min to the hitch and remote valves, allowing for simultaneous operation of all hydraulic functions. The hydraulic system also includes a pump that supplies 52 l/min to the steering.

The **X7 SWB** range has been designed to operate in a variety of conditions with heavy, power-demanding implements. The driveline design of the PTO ensures minimal power loss and the electronic control always ensures smooth and modulated implement start-up. The rear PTO of the **X7 SWB** tractor offers four speeds: 540, 540Eco 1000 and 1000Eco rpm. The Power Plus system automatically increases power available when the PTO is operational, allowing the engine to maintain a constant power as the load varies. The front hitch has a lift capacity of 3500 kg, while the rear hitch is capable of lifting up to 9300 kg and is equipped with lower link draft sensing for precise implement control. For added versatility, the **X7 SWB** allows the use of rear and front implement combinations.



### McCORMICK M50 FRONT LOADER

Controlled via the EasyPilot controller, McCormick's sturdy M50 front loader is designed to provide smooth, flawless operation. The M50 front loader and the **X7 SWB** tractor form together a perfect match that provides superior comfort and productivity under all working conditions.

### REMOTE VALVES

The **X7 SWB** tractors can be fitted with up to eight double-acting remote valves, all controllable from the EasyPilot controller. A three-way flow divider with push-pull quick couplings enables three different hydraulic functions to be controlled with a single remote valve. The valves are operated via three fingertip controls and through a multifunction electronic mini-joystick, all integrated into the right-hand armrest.

### FLOW DIVIDER FOR MULTIPLE HYDRAULIC FUNCTIONS

The flow divider features six push-pull quick-release couplings and operates up to three hydraulic functions via a flow selector using a single remote valve. This means the operator can control up to seven hydraulic functions with just five remotes and one flow divider.

## Configurable hydraulic systems for tailor-made solutions

The closed-centre load-sensing system (CCLS) of the **X7 SWB** features a variable-displacement axial pump that provides a flow rate of up to 123 l/min. An additional hydraulic circuit supplies 52 l/min to the steering system. The CCLS hydraulic system is available in two configurations:

- › with console: this configuration features up to three mechanical remotes plus two electrohydraulic remotes controlled via the user-friendly EasyPilot controller. A three-way flow divider with six push-pull quick couplings operates up to three hydraulic functions via a flow selector.
- › with multifunction armrest: this configuration offers up to five electronic remote valves plus a flow divider with six quick-release couplings for a precise and efficient operation of all hydraulic functions.

A hydraulic piston pump capable of supplying up to 160 l/min is available as an option to deliver maximum efficiency when operating with heavy, power-demanding implements.



# SATELLITE-BASED GUIDANCE: BEST-IN-CLASS ECONOMY AND PRODUCTIVITY

## **With precision farming tools, the X7 SWB cuts your costs by 13%**

As research in the sector has demonstrated, the satellite-based guidance system of the **X7 SWB** tractor lets you save up to 13 percent on costs of fuel, equipment, fertilisers and pesticides.

## **You perform every task with maximum efficiency**

With the ISObus system the operator can control the implements without the need to install a control unit inside the cab. The implement operating parameters are easily monitored via a simple touch screen display.

## **You convert accuracy into profit**

With the satellite-based guidance, the **X7 SWB** only deviates 2 cm from the desired route: a degree of accuracy that cannot be reached by even the most expert operators. Achieving this level of precision means you maximize yield and productivity.





# PRECISION STEERING MANAGEMENT FOR PRECISION PERFORMANCE



Precision farming as a concept 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 managed from the tractor cab via a simple touch screen display. The precise steering control delivers pass-to-pass-accuracy levels down to an impressive 2 cm. This results in improved efficiency and productivity, greater time savings, reduced operating costs and lower environmental impact.

# 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. All ISObus-compatible implements are managed via a DSM 12-inch 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.



# McCORMICK FLEET MANAGEMENT HELPS FARMERS GROW PROFITS

As a company traditionally committed to innovation, McCormick equips all its tractors with remote management and diagnostic capability. The McCormick Fleet Management system helps farmers to make data-driven decisions; this reduces operating costs while increasing efficiency and productivity. This advanced solution is based upon four key elements:

**1. Real-time fleet monitoring:** the system displays the exact 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 cost, efficiency and productivity of each tractor and determines the farm's profit margin. These data are essential to make forecasts and organise work plans.

**3. Remote diagnostics and maintenance:** our after-sales service responds and intervenes in real time in order to adopt the best solutions and to improve tractor performance. This reduces downtime and extends equipment life.

**4. Storage of working data:** the system outlines the work areas and saves the activity data for further use. This eliminates errors and maximizes efficiency.

Designed to effectively respond to customers' needs, the McCormick Fleet Management helps farmers to make the most appropriate choices in order to maintain their tractors in good working order, optimize their work and increase their business profitability.

## Precision Steering Management & ISObus bring benefits to the field

The Precision Steering Management and the ISObus system are some of the technologies adopted by McCormick to increase efficiency and productivity while improving comfort and safety:

- > All implement activities, including fully automated tasks, are managed with a high level of precision.
- > The driver must constantly monitor the implement while driving the tractor: the Advanced Driving System (ADS), the new assisted driving system from McCormick, enables the driver to fully concentrate on the task at hand.
- > The driving assist system calculates the fastest and most efficient route.

The automatic steering makes tight manoeuvring easier.

- > Reducing the travelled distance in the field reduces tractor and implement wear and tear while saving fuel.
- > The use of variable rate application eliminates skips and overlaps, minimizing product waste. Variable rate technology reduces overuse of water, seed use by 10%, fertilizer use by 16% and herbicide use by up to 60%.
- > Chemical residues are also reduced with significant benefits for the environment.
- > Report and pre-setting operations are simpler and can be conveniently done from home. This eliminates the need for expert operators.

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

Designed to deliver maximum efficiency and reliability, the **X7 SWB** range offers a variety of solutions to simplify and expedite maintenance.

1. The tilt-up hood opens wide to provide easy access to the engine compartment for maintenance and radiator cleaning.
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 hood.
3. The engine air filter is conveniently placed to facilitate cleaning and replacement.
4. The cooling radiators open fully from a single latch to allow fast and easy cleaning.
5. The fuel and AdBlue tanks are conveniently placed to allow quick filling. Tank caps have different colours to avoid mix-up.
6. The in-cab air filter is easily accessible for maintenance.
7. The oil level in the transmission can be conveniently checked through the oil filler cap with level gauge placed on the rear of tractor.
8. The windscreen wiper fluid reservoir is located on the rear of cab.





## McCORMICK, ORIGINAL SPARE PARTS, THE CORNERSTONE OF YOUR 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:

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







## 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.

		X7.417 P6-DRIVE	X7.418 P6-DRIVE	X7.617 P6-DRIVE	X7.618 P6-DRIVE
<b>ENGINE</b>					
Rated power (97/68/EC - ISO TR 14396)	hp/kW	151 / 111	159 / 117	151 / 111	159 / 117
Rated power with EPM (97/68/EC - ISO TR 14396)	hp/kW	151 / 111	170 / 125	151 / 111	170 / 125
Max power (97/68/EC- ISO TR 14396)	hp/kW	155 / 114	166 / 122	155 / 114	166 / 122
Max power with EPM (97/68/EC - ISO TR 14396)	hp/kW	165 / 122	175 / 129	165 / 122	175 / 129
Rated engine speed	rpm	2200			
Engine speed at max power	rpm	1900			
Max torque without EPM (with EPM) at 1400 rpm	Nm	652 (676)	700 (700)	652 (676)	700 (700)
Torque backup without EPM (with EPM)		36% (40%)	38% (29%)	36% (40%)	36% (36%)
Manufacturer		FPT			
Engine type - Installation		NEF 45 - self-supporting engine		NEF 67 - self-supporting engine	
Stage V / Tier 4 Final exhaust after-treatment system		HI-eSCR2			
Cylinders/ Displacement / Valves		4 / 4.5 litri / 16		6 / 6.7 litri / 24	
Air filter system		air filter with pre-cleaning stage and dust ejector			
Air intake system		turbo intercooler			
Fuel injection system		electronically-controlled high pressure common rail system			
Maintainance		500 hours maintenance interval			
Cooling system		matrix radiator pack - coolers open out from single latch			
Viscotronic fan		O			
<b>CAPACITIES</b>					
Fuel tank	l	280			
AdBlue / DEF tank	l	46			
Cooling system	l	27			
<b>TRANSMISSION</b>					
Type		P6-Drive - 6 powershift speeds and 5 robotized ranges			
No. of gears		● - 30 FWD + 15 REV without creeper - O 54 FWD + 27 REV with creeper			
Minimum speed	km/h	3.2 without creeper - 0.4 with creeper			
Engine speed at 40 km/h	rpm	● - 1577			
Engine speed at 50 km/h	rpm	O - 1971			
Transmission control		EasyPilot on RH console (with mechanical remote valves) - EasyPilot on multi-function armrest (with electronic remote valves)			
Forward/reverse shuttle		electrohydraulic with modulation control			
APS - Auto PowerShift		● - electronically-controlled automatic powershift and range shifting			
<b>REAR PTO</b>					
Type		electrohydraulic multidisc clutch with modulated engagement			
Speeds		540 / 540 E / 1000 / 1000 E			
Engine speed at rated PTO speed	rpm	2005 / 1608 / 1995 / 1600			
Rotation - spline shaft type		clockwise (viewed from tractor rear) - ● - 1-3/8" PTO shaft with 6 splines / O 1-3/8" PTO shaft with 21 splines			
<b>FRONT AND REAR AXLES</b>					
Front rigid axle		●			
Front suspended axle		O - IFS - independent front wheel suspension system			
Traction type		electrohydraulic 4WD			
Front differential lock		fully electrohydraulic wet clutch			

	X7.417 P6-DRIVE	X7.418 P6-DRIVE	X7.617 P6-DRIVE	X7.618 P6-DRIVE
<b>FRONT AND REAR AXLES</b>				
Rear differential lock	fully electrohydraulic wet clutch			
Rear axle - flanged type	●			
Rear axle - bar axle type	○			
<b>BRAKING SYSTEM</b>				
Front braking system	automatic 4WD engagement while braking			
Rear braking system	5 oil-cooled discs			
Trailer braking system	○ - pneumatic brake system with 2 or 2+1 lines as per MR, with or without single-line hydraulic brake - 2-line hydraulic brake system as per MR (40 km/h only)			
Engine brake	●			
<b>HYDRAULIC SYSTEM</b>				
Hydraulic piston pump with CCLS system - flow rate	● - 123 l/min			
Hydraulic piston pump with CCLS system - high flow rate	○ - 160 l/min			
Steering pump - flow rate	● - 52 l/min			
Remote valves - type, flow rate, min - max	● - 3 mechanical, 80 l/min - ○ - 2 mechanical, 3 mechanical + 2 electronic, 100 l/min 3E, 4E, 5E, 3E+2E, 4E+2E			
Flow divider with flow selector - section flow rate	○ - 3 sections with dedicated push-pull connectors - 60 l/min per section			
Free-flow return	●			
Power Beyond ready 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	○			
Hydraulic oil take out	l	40		
<b>REAR 3-POINT HITCH</b>				
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			
Max lift capacity at the hooks - ram diameter	kg	● - 6400 - 80 mm - ○ - 9300 - 100 mm		
<b>FRONT 3-POINT HITCH</b>				
Electronically-controlled front hitch	○ - with position control			
Category - coupler type	III N - ball ends with quick-hitch hooks			
Lift capacity at the hooks (OECD at the hooks)	kg	3500		
<b>FRONT PTO</b>				
Type	○ - electrohydraulic multidisc clutch with modulated engagement			
Speeds	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			
<b>CAB</b>				
Première Cab - 4-post cab mounted on silent blocks	●			
McCormick mechanical cab suspension system	○			
In-cab noise level	dB(A)	70		
Manual climate control	●			
Automatic climate control	○			
Deluxe air suspension seat	● - low-frequency air suspension, swivel and height adjustments, manual weight control, lumbar support and headrest			

		X7.417 P6-DRIVE	X7.418 P6-DRIVE	X7.617 P6-DRIVE	X7.618 P6-DRIVE
<b>CABINA</b>					
Super Deluxe air suspension seat		○ - Dynamic Damping System, backrest ventilation, alcantara upholstery, swivel and height adjustments, automatic weight control, lumbar support and headrest			
Hide-away buddy seat		●			
EasyPilot on RH console		●			
EasyPilot with multi-function armrest		○ - with electrohydraulic remote valves			
DSM Data Screen Manager		○ - 12" touch screen monitor with electrohydraulic remote valves			
MyFunctions		● - with DSM			
MyLights		● - with DSM			
MyHMF		● - with DSM			
Radio ready		● - with 4 speakers			
Radio system		○ - radio DAB Mp3 with 4 speakers, bluetooth, aux-in and integrated microphone			
Halogen work lights		● - 14 with EasyPilot on RH console ○ - 18 with EasyPilot on multifunction armrest			
LED work lights		○ - 16 with EasyPilot on RH console ○ - 20 with EasyPilot on multifunction armrest			
Beacon lights		● - left side - ○ - left and right side			
<b>ON-BOARD TECHNOLOGY</b>					
Front ISOBus		○			
Rear ISOBus		○			
PSM Precision Steering Management, rear ISOBus & EasySteer- ready		○			
PSM Precision Steering Management, rear ISOBus & EasySteer - EGNOS full kit		○			
PSM Precision Steering Management, rear ISOBus & EasySteer - RTK NTRIP full kit		○ - AT Spare Parts			
McCormick Fleet Management - ready		●			
McCormick Fleet Management - 3-year full plan subscription		○			
McCormick Fleet & Diagnostic Remote Management - 3-year full plan subscription		○			
<b>WEIGHT AND DIMENSIONS</b>					
Wheelbase	mm	2651		2760	
Max height over cab without beacon lights (with PSM satellite steering system)	mm	2942 (3078) - measured with tyres 480/65R28 - 600/65R38			
Max height from top of cab to rear axle centre (with PSM satellite steering system )	mm	2159 (2295)			
Max length with front weights - Max width	mm	5235 - 2550 - measured with tyres 600/60R28 - 710/60R38		5344 - 2550 - measured with tyres 600/60R28 - 710/60R38	
Steering radius	mm	5400 - measured with tyres 480/65R28 - 600/65R38			
Shipping weight - measured with average specs	kg	6400		6700	
Gross vehicle weight	kg	11500			
Max front and rear tyre sizes - (Index Radius - IR)	mm	600/60R28 (IR 675) - 710/60R38 (IR 875)			
Front weight support		●			
Weights - no. x weight	kg	○ - 12 x 45 ○ - 16 x 45			
Front hitch weight	kg	○ - 800			
Rear axle weights	kg	○ - 170 ○ - 340 ○ - 510			

Key: ● standard ○ option

		X7.418 VT-DRIVE	X7.618 VT-DRIVE
<b>ENGINE</b>			
Rated power (97/68/EC - ISO TR 14396)	hp/kW	159 / 117	159 / 117
Rated power with EPM (97/68/EC - ISO TR 14396)	hp/kW	170 / 125	170 / 125
Max power (97/68/EC- ISO TR 14396)	hp/kW	166 / 122	166 / 122
Max power with EPM (97/68/EC - ISO TR 14396)	hp/kW	175 / 129	175 / 129
Rated engine speed	rpm	2200	
Engine speed at max power	rpm	1900	
Max torque without EPM (with EPM) at 1400 rpm	Nm	700 (700)	700 (700)
Torque backup without EPM (with EPM)		38% (29%)	36% (36%)
Manufacturer		FPT	
Engine type - Installation		NEF 45 - self-supporting engine	NEF 67 - self-supporting engine
Stage V / Tier 4 Final exhaust after-treatment system		HI-eSCR2	
Cylinders/ Displacement / Valves		4 / 4.5 l / 16	6 / 6.7 l / 24
Air filter system		air filter with pre-cleaning stage and dust ejector	
Air intake system		turbo intercooler	
Fuel injection system		electronically-controlled high pressure common rail system	
Maintenance		BIC - Best in Class system - 1000 hours maintenance interval	
Cooling system		matrix radiator pack - coolers open out from single latch	
Viscotronic fan		●	
<b>CAPACITIES</b>			
Fuel tank	l	350	
AdBlue / DEF tank	l	52	
Cooling system	l	29	
<b>TRANSMISSION</b>			
Type		VT-Drive - continuously variable transmission	
No. of stages		4	
Minimum speed - engine speed	m/h - rpm	40 - 2200	
Engine speed at 40 km/h	rpm	● - 1550	
Engine speed at 50 km/h	rpm	○ - 1690	
Transmission control		EasyPilot with multifunction armrest	
Forward/reverse shuttle		electrohydraulic with modulation control	
<b>REAR PTO</b>			
Type		electrohydraulic multidisc clutch with modulated engagement	
Speeds	rpm	540 / 540 E / 1000 / 1000 E	
Engine speed at rated PTO speed	rpm	2005 / 1608 / 1995 / 1600	
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	
<b>FRONT AND REAR AXLES</b>			
Front rigid axle		●	
Front suspended axle		○ - IFS - independent front wheel suspension system	
Traction type		electrohydraulic 4WD	
Front differential lock		fully electrohydraulic	
Rear differential lock		fully electrohydraulic	

	X7.418 VT-DRIVE	X7.618 VT-DRIVE
<b>FRONT AND REAR AXLES</b>		
Rear axle - flanged type		●
Rear axle - bar axle type		○
<b>BRAKING SYSTEM</b>		
Front braking system		automatic 4WD engagement while braking
Rear braking system		5 oil-cooled discs
Trailer braking system		○ - pneumatic brake system with 2 or 2+1 lines as per MR, with or without single-line hydraulic brake - 2-line hydraulic brake system as per MR (40 km/h only)
Engine brake		●
<b>HYDRAULIC SYSTEM</b>		
Hydraulic piston pump with CCLS system - flow rate		● - 123 l/min
Hydraulic piston pump with CCLS system - high flow rate		○ - 160 l/min
Steering pump - flow rate		● - 52 l/min
Remote valves - type, flow rate, min - max		● - 3 electronic remotes, 100 l/min 3E, 4E, 5E, 3E+2E, 4E+2E
Flow divider with flow selector - section flow rate		○ - 3 sections with dedicated push-pull connectors - 60 l/min per section
Free flow return		●
Power Beyond ready 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		○
Hydraulic oil take out	l	40
<b>REAR 3-POINT HITCH</b>		
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
Max lift capacity at the hooks - ram diameter	kg	● - 9300 - 100 mm
<b>FRONT 3-POINT HITCH</b>		
Electronically-controlled front hitch		○ - with position control
Category - coupler type		III N - ball ends with quick-hitch hooks
Lift capacity at the hooks (OECD at the hooks)	kg	3500
<b>FRONT PTO</b>		
Type		○ - electrohydraulic multidisc clutch with modulated engagement
Speeds	rpm	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
<b>CAB</b>		
Première Cab - 4-post cab mounted on silent blocks		●
McCormick mechanical cab suspension system		○
In-cab noise level	dB(A)	70
Automatic climate control		●
Deluxe air suspension seat		● - low-frequency air suspension, swivel and height adjustments, manual weight control, lumbar support and headrest

		X7.418 VT-DRIVE	X7.618 VT-DRIVE
<b>CAB</b>			
Super Deluxe air suspension seat		○ - Dynamic Damping System, backrest ventilation, alcantara upholstery, swivel and height adjustments, automatic weight control, lumbar support and headrest	
Hide-away buddy seat		●	
EasyPilot with multi-function armrest		● - with electrohydraulic remote valves	
DSM Data Screen Manager		● - 12" touch screen monitor with electrohydraulic remote valves	
MyFunctions		● - with DSM	
MyLights		● - with DSM	
MyHMF		● - with DSM	
Radio ready		● - with 4 speakers	
Radio system		○ - radio DAB Mp3 with 4 speakers, bluetooth, aux-in and integrated microphone	
Halogen work lights		● - 18 with EasyPilot on multifunction armrest	
LED work lights		○ - 20 with EasyPilot on multifunction armrest	
Beacon lights		● - left side ○ - left and right side	
<b>ON-BOARD TECHNOLOGY</b>			
Front ISObus		○	
Rear ISObus		○	
PSM Precision Steering Management, rear ISObus & EazySteer - ready		○	
PSM Precision Steering Management, rear ISObus & EazySteer - EGNOS full kit		○	
PSM Precision Steering Management, rear ISObus & EazySteer - RTK NTRIP full kit		○ - AT Spare Parts	
McCormick Fleet Management - ready		●	
McCormick Fleet Management - 3-year full plan subscription		○	
McCormick Fleet & Diagnostic Remote Management - 3-year full plan subscription		○	
<b>WEIGHTS AND DIMENSIONS</b>			
Wheelbase	mm	2651	2760
Max height over cab without beacon lights (with PSM satellite steering system)	mm	2942 (3078) - measured with tyres 480/65R28 - 600/65R38	
Max height from top of cab to rear axle centre (with PSM satellite steering system )	mm	2159 (2295)	
Max length with front weights - Max width	mm	5235 - 2550 - measured with tyres 600/60R28 - 710/60R38	5344 - 2550 - measured with tyres 600/60R28 - 710/60R38
Steering radius	mm	5400 - measured with tyres 480/65R28 - 600/65R38	
Shipping weight - measured with average specs	kg	6700	7000
Gross vehicle weight	kg	11500	
Max front and rear tyre sizes - (Index Radius - IR)	mm	600/60R28 (IR 675) - 710/60R38 (IR 875)	
Front weight support		●	
Weights - no, x weight	kg	○ - 12 x 45 ○ - 16 x 45	
Front hitch weight	kg	○ - 800	
Rear axle weights	kg	○ - 170 ○ - 340 ○ - 510	

Key: ● standard ○ option



**Power Technology.**

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