



McCormick X8.680 VT-Drive Premium High-Power Tractor 310 HP

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Product Description

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The McCormick X8.680 VT-Drive is a 310 HP 6-cylinder premium high-power tractor from the RPF2 X8 VT-Drive series. The McCormick RPF2 X8 VT-Drive is McCormick's flagship tractor. The FPT six-cylinder BetaPower engine, VT-Drive CVT, Clever Cab, and DSM Plus automation combine to set benchmarks for power, efficiency, and operator comfort at the highest level of agricultural machinery.

The McCormick X8.680 VT-Drive in Detail

At 310 engine horsepower, the X8.680 VT-Drive delivers the right balance of power and maneuverability for the tasks it was designed to handle. The 6-cylinder engine produces strong torque from low rpm, maintaining consistent forward progress even when implement loads vary across changing ground conditions. The CVT (VT-Drive) transmission provides smooth, predictable power delivery and reduces operator fatigue during repetitive operations. Four-wheel drive engages reliably when traction is needed and disengages smoothly on less demanding terrain.

The hydraulic system on the X8.680 VT-Drive is sized to match the demands of the implements that a 310 HP tractor will typically operate. Flow rates are sufficient for responsive control of mounted and semi-mounted implements, and the load-sensing design ensures that hydraulic power is directed where it is needed without unnecessary energy consumption. The three-point hitch provides ample lift capacity for rear-mounted implements, and the independent PTO allows implement drive to continue independently of the transmission during headland turns.

Features

- FPT six-cylinder 6.7L BetaPower engine, Stage V compliant
- VT-Drive CVT delivering seamless, infinitely variable power from creep to road speed
- Premium Clever Cab with air-suspended seat, precision climate control, and low noise levels
- DSM Plus automated headland management for single-button sequence control
- 12,000 kg hitch lift capacity and 212 L/min hydraulic flow
- ISOBUS Class 3 connectivity for precision farming implement management
- Standard front axle suspension for optimal comfort and stability
- Comprehensive LED lighting package for productive extended-hour operation

Performance and Reliability

McCormick has engineered the RPF2 X8 VT-Drive series with a focus on long-term reliability and low cost of ownership. The X8.680 VT-Drive benefits from extended service intervals, straightforward maintenance access, and a robust parts and dealer network. All service points are accessible without specialist tools, and the engine compartment provides clear access to oils, coolant, and filter elements that require regular attention. The drivetrain is built to the same standards used across the McCormick range, using proven components that have demonstrated durability across a wide range of operating conditions worldwide. The operator environment in the X8.680 VT-Drive is designed around the reality of a full working day in the field. Controls are positioned to minimize reach and fatigue, and the instrument layout provides clear information about key machine parameters without distraction. Whether operating from an enclosed cab with full climate control or an open platform, the operator has everything needed to work productively and safely across a long shift.

Applications

- Large arable enterprises covering extensive acreage each season
- Professional contracting at the highest output level
- Heavy-land cultivation with the most demanding primary tillage implements
- Precision farming with complex multi-implement ISOBUS management
- Transport-intensive operations requiring high speed and heavy draw-bar loads

The McCormick X8.680 VT-Drive at 310 HP is a well-specified, dependable machine for anyone who needs genuine agricultural performance without over-engineering or unnecessary complexity. Contact your local McCormick dealer to arrange a demonstration and discuss how the X8.680 VT-Drive fits your operation.
