



www.agxcel.com

where precision meets the soil...

877.218.1981

JOHN DEERE 1590 DRILL

read all instructions carefully before beginning



JOHN DEERE 1590 DRILL

AgXcel has the complete fertilizer system designed to fit all John Deere 1590 Drills. This system includes everything you need for the application of liquid fertilizer. The Tank will have all of the components needed to mount on the back of your drill. Depending on your application rate, AgXcel will configure an electric pump system or a hydraulic pump system to fit your application requirements. AgXcel's Fertilizer System will meter the fertilizer with precision and accuracy at each row.

300 Gallon Tank and Mount

This Tank Mount is specially designed to fit a John Deere 1590 Drill. This kit comes with everything you need to fill the tank and supply your pump system.

Manifold System Options

- **Pre-Assembled PVC Manifold Kit** – The AgXcel PVC manifold is centralized and ready to bolt on with our PVC mounting brackets and has push-to-connect fittings to make installation quick. The check valves are then installed in line with the 1/4" tubing closer to the ground.
- **Flex Manifold Kit** – This manifold uses flexible hose that runs the length of the drill. The kit includes everything you need to mount and assemble the manifold. The manifold will be secured to the row unit bar. The Check Valves are built in to the manifold with push-to-connect fittings.



pre-assembled manifold



flex manifold

Stainless Steel Applicator Tube

This applicator tube is designed to deliver liquid fertilizer behind the press wheel. The press wheel presses seeds in before fertilizer is placed above the seed thus creating a clean application of fertilizer as it applies the liquid behind the drill. It can also be adjusted to fit your conditions in the field. Various field conditions require a specific setup of this tube.



9" SDX & JD 9" Press Wheel

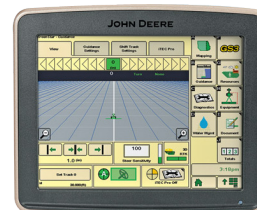
stainless tubes

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Rate Controller Options

AgXcel GX10 OEM Integration Kit - This option allows for the full management of the AgXcel precision liquid fertilizer application system from the existing OEM controller such as the John Deere Green Star, Ag Leader, Trimble, Raven, Top Con, Micro Trak and Outback. This method allows for Auto Rate Control, Variable Rate Control, and Swath Control.



OEM integration



Auto-X Controller

The AutoX Controller - This Automatic Rate Controller has the precision and accuracy to automatically adjust application rate to your settings. This System uses a flow meter to get an accurate rate control and can run up to 3 separate boom sections.

The ManX Controller - This Manual Rate Controller allows for the management of system pressure with a simple to use radial dial to increase or decrease voltage to the AgXcel pumps to manage the speed of the pumps. Installation is easy with plug and play installation.



Man-X Controller

This AgXcel JD 1590 Drill Kit Includes:

- Fertilizer Tank 300 Gallons & Mount
- Fill Kit: includes all the fittings and components you need to fill the fertilizer tank
- Feed Kit: includes everything you need to connect the tank to the fertilizer system
- Rate Controller of your choice
 - GX10 OEM integration
 - AutoX Controller
 - ManX Controller
- GX2 or GX4 Electric Pump Systems or GX5 Hydraulic Pump System
- Custom plug and play electrical harnesses
- Flow meter to match your application rate
 - FM750
 - Magnetic Flow Meter
- Custom built manifold to fit your drill size
- All of the hose barb fittings and hose clamps needed
- All the 2" fill hose, 3/4" hose, and 1/4" tubing needed
- Your choice of Sectional Valves for Swath Control
- Check Valves for every row to ensure accurate distribution of fertilizer
- Stainless steel tube kit for every row
- Installation guides
- **Outstanding customer service!**

Call us today for a quote on a system that fits your needs
877-218-1981