



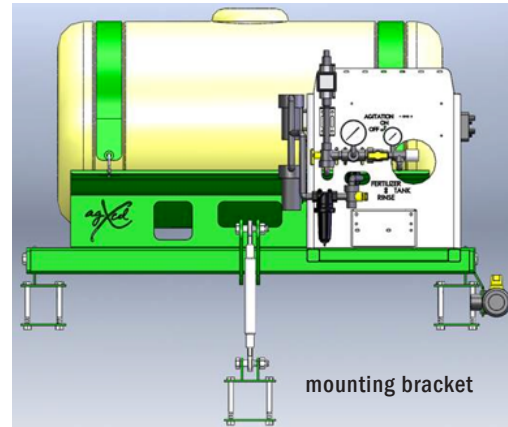
[www.agxcel.com](http://www.agxcel.com)

where precision meets the soil...

877.218.1981

## JOHN DEERE 1990 CCS AIR DRILL

read all instructions carefully before beginning



mounting bracket

### JD 1990 CCS AIR DRILL

AgXcel has the complete fertilizer system designed to fit all John Deere 1990 CCS Air Drills. This system includes everything you need for the application of liquid fertilizer.

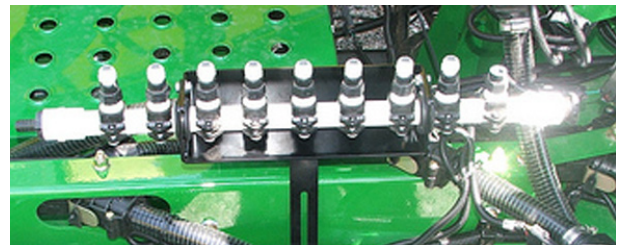
Tanks are available in 400 and 500 gallon sizes and will have all of the components needed to mount on the front of your drill. Depending on your application rate, AgXcel will build you an electric pump system or a hydraulic pump system to fit your rate requirements. AgXcel's Pump System will meter the fertilizer with precision and accuracy at each row.

### AgXcel's Tank Mount with the GX4 Electric Pump System

The AgXcel Tank and Mounting Bracket is specially designed to fit a John Deere 1990 CCS Air Drill. These Mounting Brackets are precision laser cut for smooth edges and powder coated for superior chemical resistant surface. This platform can mount an AgXcel GX2, GX4, or GX5 Pump System depending on the rate you would like to achieve.

### 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.



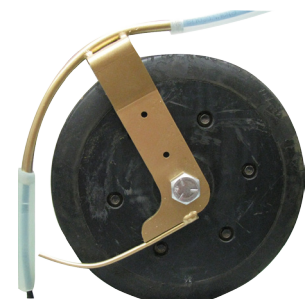
pre-assembled manifold



flex manifold

### AgXcel's Stainless Steel 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.



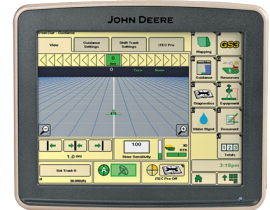
stainless tube

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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 1990 Kit Includes:

- Fertilizer Tank of your choice
  - 400 Gallon
  - 500 Gallon
- Fertilizer Tank Mount with custom GX2, GX4 or GX5 platform
- 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**