

Cultiva ATC

...state-of-the-art — and affordable, too!



Accuracy on any terrain

Contours, circles, turns or straight lines...the Cultiva Ag Technology Center (ATC) gives you an accurate visual reference of your path in any terrain.

It goes far beyond conventional light bar systems that tell you only where you are, not where you need to go. The ATC lets you see the path before you drive it. You not only can see where you are, but also where you've been. With the ATC, you steer the vehicle as if you're following a road.

More than a guidance system

The Ag Technology Center is much more advanced than a mere guidance system. It handles other applications as well, including mapping fields and automating equipment functions. It's flexible, too — you can move it from your tractor to other equipment with ease!

In a world of ups and downs, twists and turns, the Cultiva ATC is designed to help growers like you be more successful through technology.



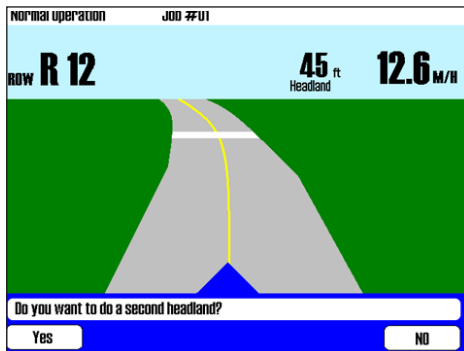
Cultiva ATC

...the most user-friendly precision guidance system in the world!

Technology that puts you ahead of the field.

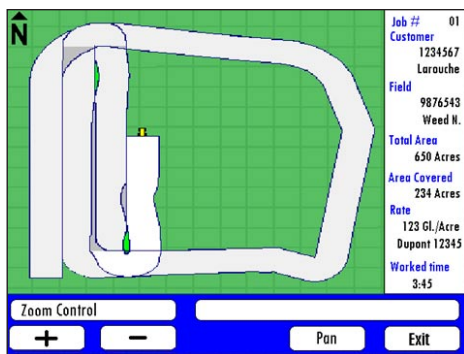


Cultiva Ag Technology Center (ATC)



"Curve Guidance"

Indicates approaching headland.



"Bird's Eye View"

Overall view shows overlaps and skips.

- Parallel guidance
- Contour and circle guidance
- Most affordably priced system in its class
- Realistic "virtual highway" graphic display
- Easier to read than conventional light bar systems
- Transfers quickly from tractor to other equipment
- Fast plug-in installation (or hard-wire)
- Simple, easy to use
- Retains setup information
- Remembers where you've sprayed
- Accurate to sub-meter levels
- Rugged case designed for harsh field conditions
- Swath number display
- Easy-to-operate controls
- Real-time vehicle speed
- Color LCD display is easy to read under dark or bright conditions

Specifications

Screen:	8.4 in. Color TFT LCD 640 x 480 pixels
Processor speed:	400 MHz
Graphic engine:	3D Graphic
Power required:	30W (10-30 VDC)
Operating temperature:	32° F to 122° F (0° C to 50° C)
Enclosure:	Dust- and splash-proof
Units:	U.S. or metric
Dimensions:	8.5 x 11.5 x 3.5 in. (216 x 292 x 89 mm)
Weight:	5.6 lb.
Data storage media:	USB Thumb Drive

Internal GPS Engine

Accuracy:	Sub-meter (relative)
GPS receiver:	12 channel, 5 Hz
Differential:	WAAS
NMEA output:	NMEA 0183. GGA, VTG, GSA, ZDA @ 1 Hz (fully configurable with PC)

M2 Antenna Specifications

Dimensions:	Diameter 3.5 in. (90 mm) Height 5.9 in. (150 mm) base included
Mount type:	Magnet-mounted mast
Cable type:	TNC

Specifications subject to change without notice.

Cultiva ATC is expandable for these future options...

- Log-As-Applied from Third-Party Controller
- VRT Module
 - Read prescription map and send instructions to controller
 - Generate report of as-applied
- Implement Control Module
 - Sensing boom and other elements
 - Control via dry contact relay
- Auto-Steer Module
- Fleet Management Module
 - Allows multiple-vehicle tracking
 - Navigation using Atlas or Topo Map
- Environmental Module (Wireless)
 - Wind speed and direction, air temperature
 - Code-bar reader for product labels
 - EPA report generator
- Field Mapping and Soil Sampling Module
 - Shape and ESRI file format support
- Remote Keypad
- Decimeter DGPS
- RTK DGPS
- Logging Ability

... and many more!

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