AUTOFARM®
GPS Precision Farming

GPS AutoSteer™
Precision Machine Control System

Unmatched Precision, Unparalleled Productivity

It Really is Rocket Science.

Novariant began with a GPS control system that repeatedly landed a United Airlines 737 completely hands-free. By applying the same exacting standards of aerospace technology to agriculture, AutoFarm AutoSteer is the only GPS system that delivers repeatable sub-inch accuracy on all your equipment 24/7 – in fog, dust, heat and darkness – to maximize the productivity of every acre you farm.

Driving Farm Productivity.

AutoFarm AutoSteer is a GPS precision machine control system that constantly measures both vehicle/implement position and orientation providing spot-on repeatable control, season after season, year after year.

The patented AutoFarm roof antenna module with Logic7D™ technology is the key to sub-inch vehicle/implement placement. There's no need for gyros, accelerometers and other terrain compensating devices that mean more things to calibrate, more things to go wrong.

Work More Acres, More Efficiently, from Day One.

AutoFarm AutoSteer eliminates overlap while allowing the operator to focus on the field operation without worrying about steering. It dramatically improves efficiency by reducing operator stress and fatigue while producing better quality field work. In fact, eliminating overlap on disking alone can gain fuel and labor savings of up to 20%.

AutoFarm AutoSteer Products Give You a Choice:

RTK AutoSteer – Industry leader in sub-inch precision with unmatched repeatability across various vehicle brands and models.

DGPS AutoSteer – Entry-level steering system for operations requiring lower pass-to-pass accuracy using WAAS/EGNOS or OmniStar subscription services (VBS, HP, XP). These systems are easily upgradeable to sub-inch RTK steering when you're ready for the ultimate in accuracy.

"Once you touch Go, you'll wonder how you ever farmed without it!"

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TILLAGE – PLANTING – SPRAYING - HARVESTING

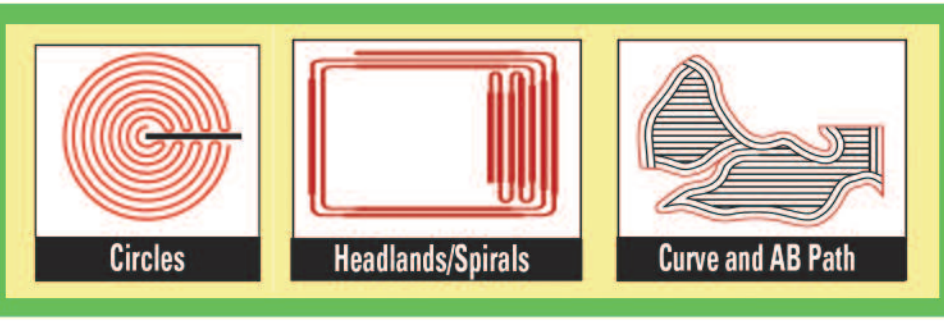
Unrivaled Technology in a Compact, Easy-to-Use Package

TOUCHSCREEN TERMINAL
Large, 10.4" color touchscreen is sunlight readable, designed for all-weather use, and the only component in the cab to eliminate clutter. It's as easy to use as an ATM and multi-lingual for operator convenience.

ROOF MODULE
The patented AutoFarm multi-antenna roof module is the key to measuring both position and orientation of equipment. With exclusive Logic7D™ technology, it directly measures the vital information required to correct for: PITCH (up-and-down), YAW (crabbing due to implement drift or side hills) and ROLL (tilting).

BASE STATION
The AutoFarm base station is simple to set up (< 3 minutes) and serves as the foundation of RTK sub-inch accuracy across brands and types of equipment. One base station can provide corrections for multiple vehicles simultaneously. Available in portable configuration or for tower mounting to extend operating range.

Tuning Profiles with Unique Adaptive Control Capabilities calibrate to the dynamics of your specific vehicle…ensuring consistent control across various applications and vehicles.



Modular Design for Fast, Easy Transfer
AutoFarm AutoSteer is easily transferred for use in different tractors, sprayers and harvesters…even across brands. One person can transfer the system without tools in minutes.

Work Contour Paths with Unmatched Repeatability
AutoFarm AutoSteer offers powerful software that fits your field: straight AB lines or repeatable curved paths for irregular shaped fields, terraces, creek bottoms, waterways, pivot circles…whatever your situation you can work it with sub-inch accuracy.

AutoFarm Supports the Broadest Range of Vehicles providing a single solution for new and existing equipment across mixed fleets, makes and models. AutoFarm AutoSteer lets you standardize your GPS investment with a single system…no worries about a proprietary system restricted to a single brand.

AUTOFARM®

45700 Northport Loop East – Fremont, CA 94538 USA
Call Toll Free: 1-877-947-7327 – Fax: 1-510-933-4801 – www.gpsfarm.com
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