



FIELDPILOT® AUTO STEER

LIKE YOU'VE NEVER SEEN BEFORE





FIELDPILOT® HYDRAULIC AUTO STEERING DOES MORE, COSTS LESS



There's a Lot More to FieldPilot than Hands-Free Steering

FieldPilot offers many features that contribute to increased efficiency and productivity. Plus, it is an incredible value. FieldPilot offers more functionality than systems that cost 10% to 30% more.

Better Turn-in Performance, On-line Accuracy and a Smoother Ride

FieldPilot connects to your equipment's hydraulic power steering system for reliable and convenient control. No brackets or motors required in the cab – it is kept free of clutter and eliminates any chance of interference with normal steering. Based on PWM steering valves, FieldPilot delivers accurate performance and a smooth, comfortable ride.

New Exclusive RealView™ Guidance Over Video Increases Productivity and Accuracy

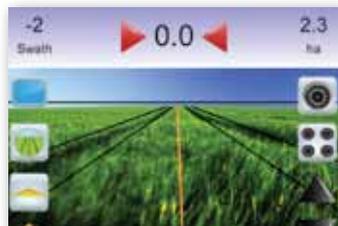
FieldPilot uses the new Matrix™ system for GPS guidance. Matrix is the only guidance system with RealView. RealView allows guidance and live video from up to 8 cameras to be displayed simultaneously.

RealView allows you to monitor implement operations while FieldPilot handles the steering. Up to eight cameras can be mounted in any direction so you can check performance from a variety of angles. And, at row end, the live video display of what's ahead helps you improve precision and accuracy while making the headland turn manually.

[Learn more about Matrix Guidance.](#)
[See Bulletin No. 98-01344-UK.](#)



PWM STEERING VALVE



GUIDANCE OVER VIDEO



ACCOMMODATES UP TO EIGHT CAMERAS



REALVIEW CAMERAS CAN BE EASILY MOUNTED ANYWHERE

Adaptable to Your Field Conditions and Your Location

Rough terrain? Hilly, sloped fields? Tilt compensation and gyro-stabilization are standard features and automatically correct side slope positional errors and ensure accuracy in all your field operations.

Certain machines can benefit from different levels of steering aggressiveness on the left and right sides. FieldPilot® allows independent left and right adjustments, which means optimum performance and accuracy.

If you're farming at high latitudes or have a lot of tree cover that may interfere with GPS reception, our high performance antenna can help. It offers greater sensitivity and gain and is GPS L1 and GLONASS compatible.

FieldPilot is compatible with CORS or base station RTK solutions in addition to EGNOS and OmniSTAR® XP/HP.

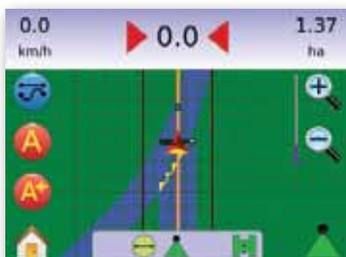


TILT MODULE

Automatic Boom Section Control (ABSC): Easy to Add and Economical

FieldPilot is ABSC-ready which means that with the addition of a Section Driver Module and the right cabling, you can control up to 15 boom sections automatically. Overlaps and skips are eliminated and you'll start saving on chemicals immediately.

Adding ABSC requires just a few minutes of time and costs 30% to 50% less than the upgrade cost of competitive systems.



AUTOMATIC BOOM SECTION CONTROL

Easy to Use and Easy to Install

FieldPilot comes with a convenient remote engagement button so you can keep your hands where they belong. An optional foot switch frees up hands even more, making busy headland turns easier to handle.



FOOT SWITCH

The Matrix interface is easy to learn. Touch screen operation using intuitive icons simplifies set-up and operation. You can configure FieldPilot steering settings in a matter of minutes. The steering set-up is a simple step-by-step process, so you can have your machine steering accurately with minimal effort.



INTUITIVE INTERFACE

FieldPilot is designed to be owner-installed in about half a day. Each kit includes all the custom-designed brackets, hoses and fittings you'll need to fit the FieldPilot valve and components to your equipment. Kits include excellent instructions with plenty of photos. More than 65 vehicle-specific hook-up kits are available, making FieldPilot compatible with more than 275 tractors and sprayers.



COMPATIBLE WITH MORE THAN 275 TRACTORS AND SPRAYERS

THE FASTEST PAYBACK AVAILABLE

FieldPilot, like other auto steering systems, will help reduce operator fatigue, boost productivity, improve accuracy and lower input costs. But, FieldPilot, with unique features like RealView, offers even more:

- FieldPilot costs 10% to 30% less than other auto steering systems. This means you'll recoup your initial investment faster
- The cost to add automatic boom section control is 30% to 50% less than other auto steering systems. This means you'll be able to expand functionality for a lower cost and once again, recoup your investment more quickly

More features and a lower cost make FieldPilot the best auto steering package available.



FIELDPILOT® AT-A-GLANCE

FieldPilot consists of a Matrix™ console, RealView™ video camera, PWM hydraulic steering valve, the steering module, foot pedal, cables and RAM® mounts.

- The Matrix console is available in two sizes. Matrix 570G features a 5.7" screen and the Matrix 840G features an 8.4" screen. Up to eight cameras can be used with the Matrix system
- If more than one RealView camera is used, a 4-port or 8-port video selector module is required
- Optional ABSC for up to 15 boom sections
- Optional RXA-30 high-sensitivity antenna

CONFIGURING FIELDPILOT

FIELDPILOT COMPONENTS

FieldPilot Steering Valve



Steering Control Module



CONSOLE

Matrix 570G



Matrix 840G



VIDEO

RealView Camera



Four Port VSM



Eight Port VSM



OPTIONS

RTK, EGNOS, OmniSTAR® XP/HP, CORS



RXA-30 Antenna



Automatic Boom Section Control
(Includes Section Driver Module and Cables)



Foot Pedal



RAM is a registered trademark of RAM Mount.



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