

MATRIX[®] PRO GS GUIDANCE

LIKE YOU'VE NEVER SEEN BEFORE





REALVIEW® GUIDANCE OVER VIDEO A TEEJET EXCLUSIVE



MATRIX® PRO 840GS

RealView Guidance Over Video – A TeeJet Exclusive!

Now you can have all the guidance information you need, watch what's ahead and monitor various implement operations on a single console.

Droplet Size Monitoring – Another TeeJet Exclusive

Selecting the correct droplet size when spraying can have a huge impact on both the efficacy of your spraying and the potential for drift. Real time sensing and displaying of droplet size is now an available option with Matrix Pro GS. This feature gives you added confidence that you're doing your best job while spraying.

Advanced Swath and Rate Control Capabilities

Experience enhanced accuracy and more efficient product application with newly added functionality that enables automatic boom section control (ABSC) for dry spreaders and non-linear spray booms. Matrix Pro GS is compatible with third-party rate controls for prescription application and as-applied record keeping.

Matrix Pro GS features also include:

- Upgrade applications for FieldPilot® Auto Steering, UniPilot® Assisted Steering, BoomPilot® ABSC and Tilt Compensation
- Create, save and recall boundaries and AB lines
- Two-way data transfer
- Internal WAAS/EGNOS receiver
- Upgrade compatibility to external receivers like RTK or Omnistar
- Create permanent no spray zones
- Available in either 8.4" or 5.7" bright color touch screen



MATRIX® PRO 570GS

RealView® Camera



REALVIEW GUIDANCE OVER VIDEO



BE AWARE OF MORE BY SPLITTING THE SCREEN TO FOUR CAMERAS



DROPLET SIZE MONITORING FUNCTION



REALVIEW CAMERAS CAN BE EASILY MOUNTED ANYWHERE

Faster Payback Than Other Guidance Systems

Guidance products pay for themselves by reducing skips and overlaps – saving you money on fuel, seed and crop protection products – Matrix Pro GS is no exception. But with Matrix Pro GS, you get a system that does more:

- The video display can help relieve stress and fatigue by providing more information at row ends and about hard-to-see implement operations
- Matrix Pro GS helps save time by storing multiple field boundaries and multiple guidelines for use in future operations. Two-way data transfer allows uploading and downloading of job data, boundaries, no spray zones, AB lines and more
- Matrix Pro GS is automatic boom section control (ABSC) and auto-steer ready. Enabling these capabilities is fast and easy. Add one or both – the cost to upgrade is very reasonable
- Matrix Pro GS costs less than other guidance systems that offer fewer features. Factor in the economical ABSC and auto-steer upgrades and Matrix Pro GS becomes an outstanding value that will pay for itself in no time

More About Matrix Pro GS

- The Matrix Pro GS system can be used with up to eight RealView cameras
- The Matrix Pro 570GS console features a 14.5 cm (5.7") touch screen
- Matrix Pro 840GS has an 21.3 cm (8.4") touch screen for a 200% increase in viewing area
- A+ Azimuth (degree heading) allows identical, parallel, guidelines when operating multiple vehicles in the same field
- Field Finder organizes saved jobs according to your current GPS location
- Easy-to-use PC utility simplifies creating and maintaining client/farm/field/job data
- Third-party rate control capabilities allow for prescription application and as-applied mapping on Matrix Pro GS when used with a compatible rate control. Activation required
- Advanced boom configuration setup allows for 2-dimensional automatic swath control; ideal for dry spreaders or for sprayers with non-linear spray boom arrangement
- Matrix Pro GS ABSC in conjunction with a properly equipped dry spreader, can control swath width, overlap and headland on/off control. BoomPilot kit required

Accessories:

- Higher performance RXA 30 GPS antenna for better gain and sensitivity. GPS L1 and GLONASS compatible
- Compatible with CORS or base station RTK solutions in addition to WAAS/EGNOS and OmniStar® XP/HP
- Tilt Gyro for automatic adjustment in uneven terrain
- Video Selection Modules for use with more than one RealView camera



RXA-30 ANTENNA



RX610 RECIEVER

ADD UNIPILOT ASSISTED STEERING FOR A BOOST IN PRODUCTIVITY

There's a Lot More to UniPilot Than Hands-Free Steering

- Easy to Use and Even Easier to Install – Simply install a single, universal bracket onto the steering column and mount the UniPilot motor
- Improved Portability for Year-Round Use – UniPilot utilizes a universal mounting kit to fit a wide range of vehicles. UniPilot can also be moved between vehicles with minimal effort; allowing you to maximize your investment and utilize it for multiple operations throughout the growing season
- UniPilot Adapts to Your Field Conditions and Your Location – Tilt compensation and gyro-stabilization are standard features that automatically correct side slope positional errors and ensure accuracy in all your field operations



UniPilot Assisted Steering–The Fastest Payback Available



Graphical, Easy-to-Use, 3D Guidance

PERSPECTIVE-VIEW GUIDANCE

Navigation activity including Cross Track Error, Current Activity, and GPS Status

Compass Headings on Horizon

Adjacent Guidelines

Continuous Visibility of Status Bar

Overlapped areas are clearly visible

Active Guideline

13.4 km/h

1.7 >

27.65 ac

Selectable Job Information including Current Speed, Accumulated Area, Current Time, Swath Number and Heading

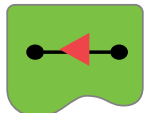
On Screen On/Off Boom Section Status

Accurate Boom Section Representation

"Painted" Coverage Area

One Touch Access to All Guidance Views

GUIDANCE MODES



Straight



Curved



Circle Pivot



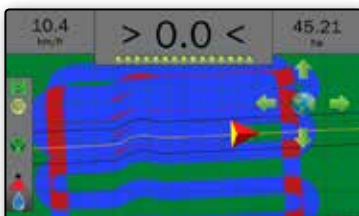
Last Pass



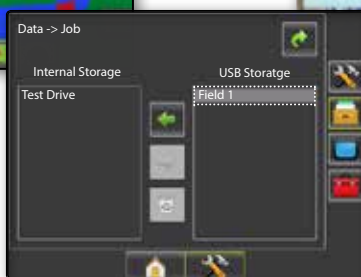
NextRow

Matrix Pro GS's unique NextRow feature guides operators through turns in row crop environments, helping them find the correct rows to steer between for the next pass.

MAPPING AND COVERAGE DATA COLLECTION



On-screen field review to see coverage gaps and skips



Upload and download job data, boundaries, no spray zones, AB lines and more



Data export through SHP files, PDF reports and KML-compatible Google Earth satellite view files



Easy-to use PC utility simplifies creating and maintaining client/farm/field/job data



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