

Trimble Agriculture 2017 Portfolio





Displays

Trimble® guidance displays help you accurately monitor and map field information in real time. Benefit from industry-leading performance and reliability to complete field applications quickly and efficiently. With an array of functionalities and price points, you can select a display option that best fits your farming needs.

Features	TMX-2050™ display	CFX-750™ display	MMX-070 display	EZ-Guide® 250 system
Size of screen	30.8 cm	20.3 cm	17.8 cm	10.9 cm
Touchscreen	✓	✓	✓	
Video camera inputs	1	2		
Built-in GPS receiver	1	1	Select capabilities	1
GLONASS compatibility	✓	✓	Optional	
Assisted steering compatibility	✓	✓		✓
Automated steering compatibility	✓	✓		
NextSwath™ end-of-row turn technology	✓			
Row guidance	✓			
Flow and application control	Select capabilities	Select capabilities		
Implement control	✓			
ISOBUS / TUVS support	✓		✓	
On-the-go VRA with GreenSeeker® sensors	✓			
Water management	✓			
Yield monitoring	✓	Select capabilities		
Trimble Ag App Central	✓		✓	
Internet browsing capability	✓		✓	

Trimble Ag App Central

The Trimble Ag App Central Marketplace lets farmers install apps, view descriptions and images, report issues, connect with developers, and stay current with updates. Access the most useful apps for your language and compliance requirements.





Guidance and Steering

Trimble offers assisted and automated steering to keep your farming vehicles on line—so you can focus on other farming tasks. With the added benefit of terrain compensation, you can operate in difficult conditions while minimising skips, overlaps, and guess rows.

Autopilot™ Automated Steering System

Provides integrated, high-accuracy steering in any field type—hands free. When your vehicle is off line, the Autopilot system signals it to adjust its position to follow the correct path.

Autopilot Motor Drive System

Simplifies installation when using an electric motor instead of full hydraulic installation. Install this system in 40% less time than an aftermarket hydraulic autosteering system.

EZ-Pilot® Assisted Steering System

Provides high-accuracy steering at an affordable price. It turns the wheel for you with a compact electric motor drive using guidance from Trimble displays to keep you on line.

EZ-Steer® Assisted Steering System

Provides simple, portable, hands-free farming for more than 1,200 vehicle models—old and new. Try it for an efficient, low-stress steering option.

TrueTracker™ Implement Steering System

Keeps your tractor and implement on the same guidance line. It provides high-accuracy control on difficult terrain by actively steering the implement.

TrueGuide™ Implement Guidance System

Corrects the position of your implement by moving the tractor. The TrueGuide system is a low-cost solution best suited for cereal crops.

Row Guidance

The RG-100 row guidance system allows you to automatically adjust the path of the combine by using existing sensors built into the combine head. Center the combine on rows—even when they are not straight.



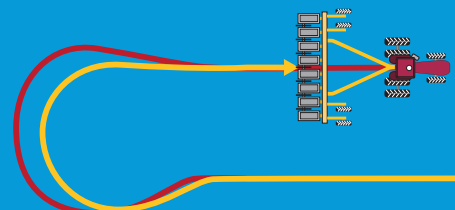
Range of options for hands-free, high-accuracy steering



Keep your implement in line, even in hilly terrain

NextSwath Technology

NextSwath end-of-row turn technology calculates and executes the best path to turn around a vehicle and enter the next row—with the implement precisely aligned. Improve turning efficiency and repeatability and also save time, fuel costs, and prevent crop damage.





Flow and Application Control

From flow/seed control valves and spot spray products to a full solution that performs variable rate application and automatic section control, Trimble flow and application control systems can help you increase yields and save on input costs for seed, granular fertiliser, liquid, or anhydrous ammonia.

Automatic Section Control

Manage seed, liquid, and anhydrous using section control on up to 48 individual sections. Overlap detection shows where you've been and what you've done.

Variable Rate Application Control

Simultaneously control the application rate of different materials including seed, granular seed, granular fertiliser, liquid, and anhydrous ammonia in different combinations.

Seed Monitoring

Increase the quality of seed placement and analyse population, singulation, skips/multiples, spacing, and quality of spacing for higher yield results.

GreenSeeker® Crop Sensing System

A variable rate application and crop vigour mapping system that can verify the amount of nitrogen the soil has made available, then determines a nitrogen prescription for on-the-go instant application.

WeedSeeker® Automatic Spot Spray System

Helps cut weed control costs by up to 80% by saving on chemical costs reducing time and labour, and minimising the environmental impact of your field activities.

ISOBUS

Use your Trimble display to control your ISOBUS implement by leveraging universal protocol for electronic communication between computers, displays, tractors and implements. This standardised communication ensures data compatibility between mobile systems and farm management software.



Multi-task your planting by applying up to 6 different materials—simultaneously



Spot spray individual weeds, not dirt

Yield Monitoring

With Yield Monitoring, you can map and compare the performance of different seed varieties throughout your field. Improve seed selection based on yield data over multiple years.



Correction Services

Trimble has been a leader in the GPS industry for over 30 years, and our correction services are the backbone of every precision agriculture solution we offer. Increases in yield can be achieved by using any level of correction, from sub-meter to sub-inch. No matter where you are located, Trimble has a correction service solution for your farm.

Correction Service	TMX-2050 display	CFX-750 display	MMX-070 display	EZ-Guide 250 system
CenterPoint® RTK	✓	✓		
CenterPoint VRS	✓	✓		
xFill®	✓	✓		
xFill Premium	FmX® Plus			
CenterPoint RTX	✓	✓		
RangePoint® RTX	✓	✓		
ViewPoint RTX™			✓	
WAAS/EGNOS/MSAS	✓	✓	✓	✓

RTK-BASED TECHNOLOGY

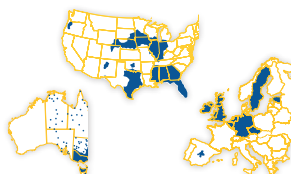
CenterPoint RTK

Receive RTK corrections within range of an established RTK base station or base station network.



CenterPoint VRS

Instant access to real time kinematic (RTK) corrections, 2.5-inch (for U.S. use) RTK accuracy, built-in redundancy, and no local base station required.



xFill Premium

Maintain precise accuracy indefinitely beyond 20 minutes with xFill Premium. Instant switch over after RTK correction loss. Worldwide via satellite.

xFill

Maintains high accuracy performance if the RTK or VRS signal is lost. Up to 20 minutes of extended RTK operation while in the field longer with fewer interruptions.

* Receiver initialisation time varies based on GNSS constellation health, level of multipath, and proximity to obstructions such as large trees and buildings. In ideal conditions, receivers can converge to a 30 cm position in approximately 10 minutes, 20 cm in 15 minutes, and full accuracy in less than 30 minutes.

** CenterPoint RTX Fast is currently available via satellite in a central swath of North America and throughout much Western and Central Europe.

All horizontal accuracy specifications are based on repeatable in-field performance 95% of the time.

RTX-BASED TECHNOLOGY

Trimble CenterPoint RTX and RangePoint RTX correction services provide:

- ▶ Free GLONASS unlock with active subscription
- ▶ No base station needed

CenterPoint RTX



Repeatable Accuracy:

4 cm

Initialisation:

- ▶ Standard (30 min)*
- ▶ Standard (30 min)*
- ▶ Fast (< 5 min)**



RangePoint RTX



Repeatable Accuracy:

< 50 cm

Initialisation:

< 5 minutes

Pass-to-Pass Accuracy:

< 15 cm



ViewPoint RTX



Repeatable Accuracy:

1 m

Initialisation:

< 5 minutes





Irrigation

Every irrigation situation is different from field to field, and farmer to farmer. Whether it is monitoring and controlling your pivots or targeting applications in specific areas across your field, the Irrigate-IQ precision irrigation solution can help you get water to the crop and maximise your yields.

Irrigate-IQ™ Monitor & Control

Monitor and control your irrigation system from any computer, smart phone, or tablet—so you don't have to waste time going out to the field.

Irrigate-IQ Uniform Corner

Achieve a consistent application on areas covered by the corner arm regardless of its position, and minimise the risk of gaps and overlaps.

Irrigate-IQ Optimal Flow

Incorporate no spray areas, even if you don't have a variable frequency drive irrigation pump.

Irrigate-IQ Variable Rate Irrigation

Perform highly targeted application of water, fertigation, or effluent by varying the rate of application across your pivot.



Water Management

Minimise water costs and efficiently distribute water by maintaining grade—and see improvements in yields, water usage, and farm productivity. Choose from a variety of products based on your irrigation or drainage needs.

VerticalPoint RTK™ Grade Control**

Delivers maximum vertical accuracy for levelling and land forming, while increasing productivity of levelling projects during continuous in-field operations.

FieldLevel™ II System

Field-proven solution for surveying, designing, and levelling steps required for land levelling and levee installation projects.

WM-Form™ Solution

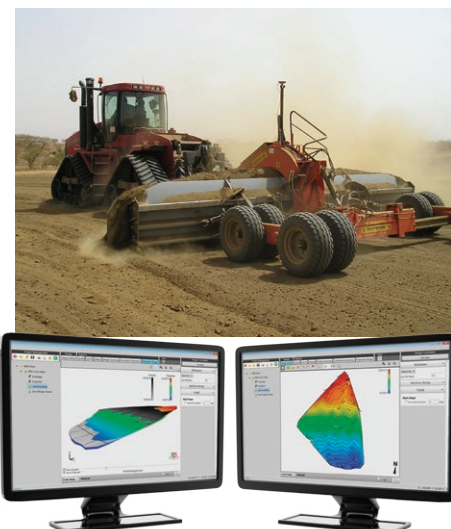
Design variable-shaped fields and topography based on existing contours, water needs of individual crops, and farming practices.

WM-Drain® Farm Drainage Solution

Complete solution that streamlines the survey, analysis, design, installation, and verification steps of surface and subsurface drainage projects.

WM-Subsurface Software

Water management software that improves placement of field tile and levees to increase crop yields.





About Us

Trimble Agriculture provides solutions that solve complex technology challenges across the entire agricultural supply chain. The solutions enable farmers to allocate scarce resources to produce a safe, reliable food supply in a profitable and environmentally sustainable manner. Covering all seasons, crops, terrains and farm sizes, Trimble agriculture solutions can be used on most equipment on the farm, regardless of manufacturer.

Field Solutions

Driving efficiency and profitability in the field, Trimble offers solutions for vehicle and implement guidance and steering; flow and application control; irrigation, drainage and land levelling; harvest and yield monitoring; and a broad suite of correction services to meet your accuracy needs.



Software Solutions

Trimble Ag Software provides farmers with tools that support better management decisions and drive profitability. Tracking field records, implementing precision ag practices and measuring ROI becomes simple and efficient, thanks to this industry-leading mobile app.



Services

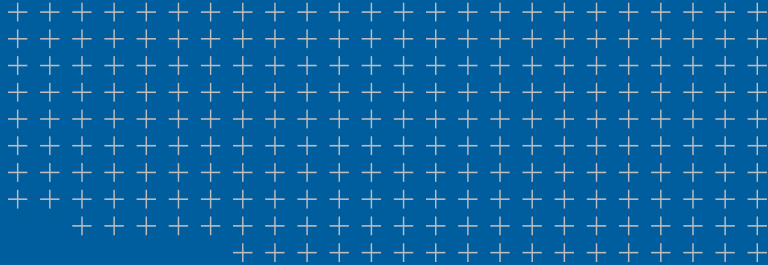
Offering access to an extended network of more than 200 trusted advisors, Trimble's AGRI-TREND® coaches are on hand to help increase farm profits with higher yields and lower costs. These advisors, backed by a team of over 30 accredited experts, provide research, training and insight to customers needing professional support.**

**Not available worldwide.





How to Buy



Global Reseller Network

Trimble's global reseller network offers in-depth technical knowledge and support for your core precision agriculture needs. Representing more than 130 countries, our resellers sell, service and support the full suite of Trimble agriculture products and solutions.

Vantage Partner Network



Trimble's new premier partner network, Vantage, serves as a farmer's Precision Agriculture Center of Excellence. Vantage™ partners around the world provide advice on the right combination of solutions, and ensure your precision technology works seamlessly across your farming operation to maximise farm efficiency and productivity. They offer the full range and integration of Trimble agriculture products and solutions, plus consultative services for data collection and interpretation.

Follow us on:



Contact your Trimble Ag Reseller today

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TRANSFORMING THE WAY THE WORLD WORKS

