

Trimble Earthworks

Grade Control System for Motor Graders



 For excavators, dozers, and motor graders.

≡ ONE and DONE

Leave a finished grade the first time, every time.

The Trimble® Earthworks Grade Control Platform for motor graders helps operators of all levels leave a quality surface in their tracks. This latest release in the Earthworks family is more than future forward. It's fast forward. The next generation system with a familiar Android™ UI, and friendly 10-inch touch screen cuts learning curve, improves operator capabilities, and gives you a first-pass finish that's second to none.



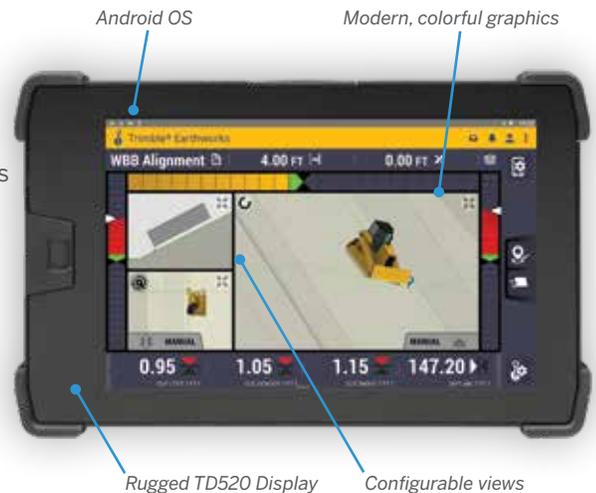
Ask for the next generation of machine control.
From the company that invented machine control.



INTUITIVE SOFTWARE, RUGGED HARDWARE

The Trimble Earthworks grade control app runs on the new 10-inch (25.7 centimeter) Trimble TD520 touch-screen Android display. The software was created in collaboration with construction equipment operators around the world, so the interface is optimized for ease-of-use and productivity. Colorful graphics, natural interactions and gestures, and self-discovery features make Earthworks intuitive and easy to learn. Each operator can personalize the interface to match their workflow and a variety of configurable views make it easier to see the right perspective for maximum productivity.

Earthworks allows data files to be transferred to or from the office wirelessly and automatically so you've always got the latest design. Using the Android operating system, you can download other useful applications.



DUAL-GNSS ACCURACY

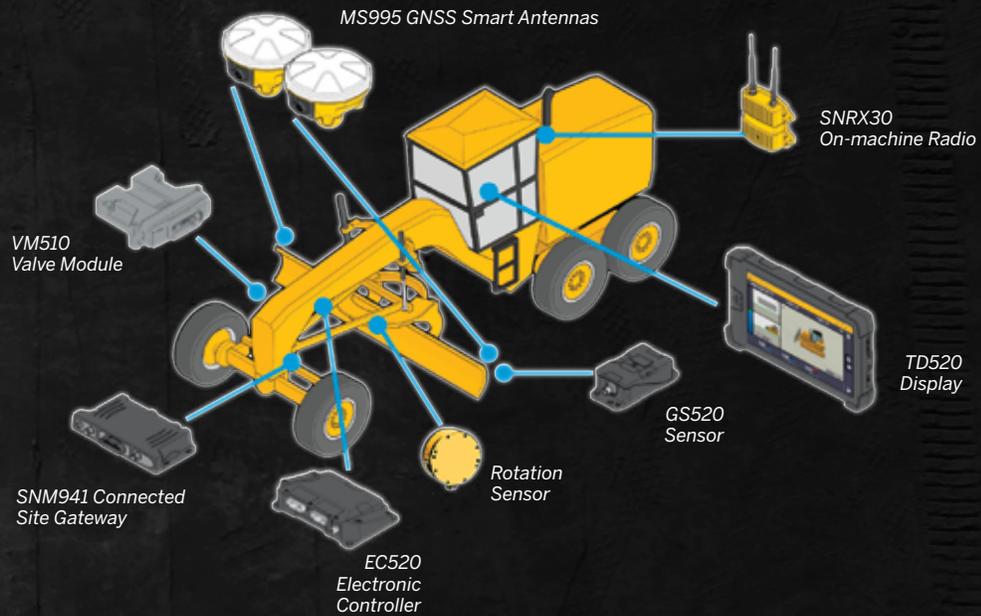
Trimble, a leader in precision measurement technology, pioneered the dual GNSS solution to meet the needs of the construction industry. Dual GNSS provides real-time position and heading of the machine for guidance of the motor grader blade in 3D, enabling faster reaction times and enhanced performance.

The IMU-based system offers even better GNSS performance, for more accuracy and stability. The platform supports multiple correction services, including VRS and Internet Base Station Service (IBSS). And when a correction source is temporarily unavailable, the Trimble xFill feature will fill in the gaps to maximize up-time.



Trimble Earthworks: Motor Grader Configuration

Blade-Mounted Dual GNSS System



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