



March 1, 2017

Trimble Introduces the Next Generation of Grade Control for Excavators and Dozers

Trimble Earthworks Grade Control Platform Transforms Machine Control with Integrated 3D Aftermarket Excavator Automatics

SUNNYVALE, Calif., March 1, 2017 /PRNewswire/ -- Trimble (NASDAQ:TRMB) announced today Trimble® Earthworks for Excavators and Trimble Earthworks for Dozers. Trimble Earthworks is transforming machine control with the industry's first integrated 3D aftermarket excavator automatics capability. In addition, a new dozer configuration moves the receivers from the blade to the roof of the cab. Reengineered from the ground up, Trimble's innovative, next generation grade control platform features intuitive, easy-to-learn software that runs on an Android operating system. State-of-the-art software and hardware gives operators of all skill levels the ability to work faster and more productively than ever before.

"Trimble pioneered machine control," said Scott Crozier, director of marketing for Trimble Civil Engineering and Construction. "Now, Trimble Earthworks takes machine control to the next level, with a platform that reinvents machine control technology, making it easy to use and learn, and more accessible for many different types of contractors."

Live demonstrations of Trimble Earthworks for Excavators and Trimble Earthworks for Dozers will be showcased at ConExpo 2017, one of the world's largest international exhibitions for the construction industry. Trimble will be located in the Las Vegas Convention Center North Hall #N-12067.

Intuitive Software

The Trimble Earthworks grade control application is built on the Android operating system, and runs on the new 10-inch (25.7 centimeter) Trimble TD520 touch-screen display. The Earthworks application was developed based on feedback from construction equipment operators around the world, resulting in an interface optimized for productivity. Colorful graphics, natural interactions and gestures, and self-discovery features make the software 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.

In addition, Earthworks allows data files to be transferred to or from the office wirelessly and automatically so that the operator is always using the latest design. Using the Android operating system, users can download other applications that provide the operator with additional useful tools inside the cab. To make the system even more flexible, contractors can use the Trimble TD520 display or a third-party Android device.

Excavator Automatics

With Trimble Earthworks, contractors can now take advantage of the first integrated 3D aftermarket grade control automatics for excavators, allowing operators to create smooth, flat or sloped surfaces more easily. When the excavator is placed in Autos mode, the operator controls the stick, and Trimble Earthworks controls the boom and bucket to stay on grade, reduce overcut and increase production. By automating excavator operation, Trimble Earthworks allows operators to achieve grade consistently, with high accuracy and in less time.

Mastless Dozer Configuration

Trimble Earthworks for Dozers mounts dual GNSS receivers on top of the cab to eliminate masts and cables traditionally located on the blade. The dual GNSS receivers are ideal for steep slope work and complex designs with tight tolerances. The new configuration keeps valuable receivers safer and can also save contractors time by reducing the time needed to remove and reinstall them each day.

Availability

Trimble Earthworks for Excavators is expected to be available globally in the second quarter of 2017 from the SITECH® dealer channel. Trimble Earthworks for Dozers is expected to be available in the second half of 2017 from the SITECH dealer channel. For more information, visit: <http://construction.trimble.com/earthworks>.

About Trimble's Civil Engineering and Construction Division

Trimble is a leading innovator of hardware and software solutions for civil engineering and construction. Trimble's advanced technologies transform work across the project lifecycle for owners, engineers and contractors. Solutions include planning and design software, precision machine control, site positioning, mobile technologies and real-time connectivity. As part of Trimble's Connected Site[®] strategy, these solutions empower civil engineers and construction professionals to construct with confidence, delivering significant improvements in productivity at every phase of a project—from concept and design to construction and maintenance.

For more information, visit: construction.trimble.com.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming a broad range of industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

GTRMB

To view the original version on PR Newswire, visit:<http://www.prnewswire.com/news-releases/trimble-introduces-the-next-generation-of-grade-control-for-excavators-and-dozers-300415587.html>

SOURCE Trimble

News Provided by Acquire Media