



## Trimble Earthworks Grade Control Platform Version 1.9 Supports Full Automatics for Tiltrotators and Universal Total Stations for Motor Graders

April 8, 2019

### Trimble Earthworks Automatics Make Tiltrotator Attachments for Excavators Easier to Use and Learn

MUNICH, April 8, 2019 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today the release of Trimble® Earthworks Grade Control Platform version 1.9 with support for fully automatic guidance for excavator tiltrotator attachments and Trimble Universal Total Stations for motor graders. Full automatic support for tiltrotators makes the attachment easy to use and learn, even for operators who have never used a tiltrotator. Universal Total Station support allows contractors to achieve millimeter-accurate fine grading with a motor grader.

The announcement was made at [bauma](#) 2019, the world's leading trade fair for construction machinery, building material machines, mining machines, construction vehicles and construction equipment.

"Tiltrotators are very useful excavator attachments, but they can have a steep learning curve," said Scott Crozier, general manager for Trimble's Civil Engineering and Construction Division. "Fully automating the tiltrotator attachment with Trimble Earthworks makes it accessible to less experienced operators and can result in time savings for more experienced operators."

#### Full Depth and Tilt Automatics for Excavators with Tiltrotator Attachments

Trimble Earthworks semi-automatic boom and bucket control now works with tilt automatics on engcon®, Rototilt®, and Steelwrist® attachments. The combined depth and tilt autos allow an operator to easily control complex attachments to stay on grade when using a tiltrotator. Trimble Earthworks controls the boom and bucket of the excavator as well as the tilt angle of the attachment, while the operator controls the stick of the excavator and rotation of the tiltrotator. Contractors of all skill levels can now take advantage of the benefits of tiltrotators with the use of Trimble Earthworks automatic control.

#### Universal Total Station Support for Motor Graders

Trimble Earthworks for Motor Graders version 1.9 now supports Trimble Universal Total Stations for millimeter-accurate fine grading with fewer passes. Contractors can place finished grade materials more accurately and in a shorter time period, keeping material costs to a minimum and improving productivity.

#### Availability

Trimble Earthworks Grade Control Platform version 1.9 is available now 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](http://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 industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: [www.trimble.com](http://www.trimble.com).

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