

Increase Quality, Safety and Productivity with Trimble Groundworks Machine Control System for Drilling and Piling

SUNNYVALE, Calif., Feb. 28, 2019 /PRNewswire/ -- Trimble (NASDAQ:TRMB) introduced today the Trimble® Groundworks Machine Control System, a reliable and streamlined machine control solution for drilling and piling operations. The next generation system enables contractors to perform drilling and piling operations quickly, safely and accurately.

"Engineered for ease of use, Trimble Groundworks features an updated, intuitive user interface designed for construction environments," said Scott Crozier, general manager for Trimble's Civil Engineering and Construction Division. "Contractors can achieve centimeter-level accuracy with stakeless navigation, which reduces rework and decreases the need for personnel working near the machine during operation."

Intuitive Interface

Colorful graphics, natural interactions and gestures make Trimble Groundworks Software intuitive and easy-to-learn. Using the large, easy-to-read touch-screen display, operators can personalize the interface to match their workflow. In addition, a variety of configurable views make it easier for users to achieve maximum productivity. The software aligns with other solutions in the Trimble Civil Engineering and Construction portfolio to make company-wide training faster and easier.

Drilling

Trimble Groundworks Machine Control System for Drilling gives contractors the ability to easily and precisely drill to the specified location, depth, orientation and inclination angle. Better rock fragmentation and lower hauling costs can be achieved by optimizing drill hole spacing, angles, and the location of the machine for a more even blasting pattern. The auto stop feature automatically stops drilling at target elevation to reduce overdrilling, leading to flatter benches and reduced wear and tear on machines, which can result in significant cost savings.

Minimizing the need for stakes and construction surveying, Trimble Groundworks can help promote jobsite safety by reducing the number of people working near the machine while drilling. Also, avoidance zones can be set to keep operators from entering hazardous areas. With Trimble Groundworks, machines can operate 24 hours a day, 7 days a week in almost any condition, decreasing the chance of delays due to darkness or inclement weather.

Piling

The accuracy of the Trimble Groundworks Machine Control System for Piling enables contractors to increase operational efficiency and reduce surveying costs associated with staking and as-built checks. Accurate positioning in Trimble Groundworks can ensure that navigation time between piles is reduced. Less time moving the machine and more time piling maximizes daily production, which can result in increased revenue.

Built-in, automated quality assurance and quality control reporting includes the capture of start and end positions, time and elevation as well as actual embedment depth, blow count reporting, and inclination and orientation control. In addition, unique system logins allow managers to filter reports by operator for better accountability, production optimization and forecasting.

An Integrated Solution

Trimble Groundworks is part of the Trimble Connected Site® portfolio of solutions that provide a high-level of workflow and process integration from the design phase through to the finished project. The integration of Trimble software in the office and Trimble Groundworks in the field can increase the efficiency and productivity of drilling and piling operations, wirelessly syncing data to reduce site visits and provide a single source of truth.

Availability

The Trimble Groundworks Machine Control System is available now through the worldwide SITECH® distribution channel. For more information, visit: construction.trimble.com/groundworks.

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: www.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.

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