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Trimble PCS900 Paving Control System Helps Contractors Pave a More Accurate Concrete Surface While Eliminating Stringline and Minimizing Material Waste

New 3D Paving Control System Applies Proven Trimble Technology to Improve Slipform Paving Operations

LAS VEGAS, Feb. 5, 2013 /PRNewswire/ -- Trimble (NASDAQ: TRMB) announced today a new configuration of the Trimble® PCS900 Paving Control System to improve paving operations for slipform pavers. Leveraging industry-leading Trimble total stations, on-machine positioning sensors and office software, the new 3D control system allows contractors to pave an accurate concrete road or surface while eliminating stringline and minimizing material waste.

The announcement was made today at World of Concrete 2013, the industry's annual international event dedicated to the commercial concrete and masonry construction industries. The new system is being displayed in the GOMACO booth (C5144).

3D Control Eliminates Stringline and Material Waste

Trimble PCS900 Paving Control System for Slipform Pavers is an automatic 3D control system that gives paver operators better control. The paver operator loads a 3D road or surface design onto the machine display and PCS900 uses automatic steering and grade control to keep the slipform paver on design. The result is a more accurate and consistent concrete surface with better rideability results that can meet today's smoothness specifications and increase the contractor's smoothness bonus.

3D control of the slipform paver eliminates the time and cost of setting out stringline, allowing concrete paving operations to start sooner. During the paving process, haul trucks can drive material directly to the paver without negotiating stringlines. This can lead to increased safety, early project completion, shorter traffic closures and on-time bonuses. With an accurate 3D design model and precise control of the paver, the paving contractor can complete the project with a better material yield and minimal material wastage.

Integrated Paving Solutions from Trimble

Integrated paving solutions from Trimble lead to a more efficient job site where the risk of wasting expensive and unforgiving concrete material is reduced. When coupled with the TrimFleet™ TrimView™ system to track ready mix concrete delivery trucks, Trimble Paving Solutions offer a complete start to finish workflow leveraging Trimble technology from order fulfillment at the batch plant to final placement by the paver.

Paving contractors can leverage key Trimble equipment for concrete paving projects—allowing both new and existing users to realize a higher and more rapid return on their investment in Trimble technology. With expansion of the 3D machine control mix to include concrete pavers, contractors can now reuse their Business Center — HCE office software, Trimble SPS Series Universal Total Stations and Trimble on-machine components for slipform paving operations.

Availability

The Trimble PCS900 Paving Control System for Slipform Pavers can be mounted on new or used concrete pavers, including those from GOMACO and Guntert & Zimmerman. It is expected to be available through Trimble's SITECH® technology dealer network in North America in the second quarter of 2013.

About Trimble's Heavy Civil Construction Division

Trimble's Heavy Civil Construction Division is a leading innovator of productivity solutions for the heavy civil construction contractor. Trimble's solutions leverage a variety of technologies, including Global Positioning System (GPS), construction lasers, total stations, wireless data communications, the Internet, and application software. As part of the Trimble Connected Site strategy, these solutions provide a high-level of process and workflow integration from the design phase through to the finished project—delivering significant improvements in productivity throughout the construction lifecycle.

About Trimble

Trimble applies technology to make field and mobile workers in businesses and government significantly more productive. Solutions are focused on applications requiring position or location—including surveying, construction, agriculture, fleet and asset management, public safety and mapping. In addition to utilizing positioning technologies, such as GPS, lasers and optics, Trimble solutions may include software content specific to the needs of the user. Wireless technologies are utilized to deliver the solution to the user and to ensure a tight coupling of the field and the back office. Founded in 1978, Trimble is headquartered in Sunnyvale, Calif.

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

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