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Trimble Introduces Compaction Control System for Bulk Earthworks and Landfill Operations

Trimble CCS900 Compaction Control System Helps Reach Target Density Faster and with Less Machine Wear

ATLANTA, April 29, 2014 /PRNewswire/ -- Trimble (NASDAQ:TRMB) announced today a new GNSS-based machine control solution to improve efficiency of bulk earthworks and landfill compaction operations. Installed on a four-drum soil or landfill compactor, the Trimble® CCS900 Compaction Control System allows a machine operator to make more uniform and efficient passes, report compaction production data in the field, and ensure target compaction is reached with minimal fuel usage and machine wear.

The announcement was made at WasteExpo 2014, North America's largest solid waste and recycling tradeshow.

CCS900 for Bulk Earthworks

The CCS900 system tracks compaction passes in real time with easy-to-read color mapping on the in-cab display. It improves bulk earthworks operations by ensuring fill material is adequately balanced and uniformly compacted from the bottom up.

CCS900 for Landfills

Landfill operations require contractors to compact the maximum amount of waste into the smallest area of vertical and horizontal cell space. Using CCS900, landfill owners can ensure that cell space is optimized, voids are eliminated and layers are compacted to their target density more efficiently. With real-time mapping on the in-cab display, the operator can avoid unnecessary passes that waste fuel and cause additional wear on the machine. The system also collects as-built layer information for in-field reporting and tracking of daily volumes.

In-field Reporting and Printing for Quality Control

For both soil and landfill applications, Trimble CCS900 offers extensive in-field reporting options, including in-cab report generation and printing. This functionality allows compaction production analysis to be carried out in the field instead of waiting until data is transferred back to the office. Compaction progress and problem areas are indicated on the in-cab graphical control box and listed in the in-field report so they can be addressed immediately, instead of at project completion when re-work is more costly. An optional serial printer in the compactor cab also enables supervisors to sign off on the completion of the compaction work in the field.

Availability

The Trimble CCS900 Compaction Control System is available worldwide through Trimble's worldwide SITECH® Technology Distribution network.

About Trimble's Heavy Civil Construction Division

Trimble's Heavy Civil Construction Division is a leading innovator of productivity solutions for the heavy and highway 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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