Trimble Advances Next-Generation 3D Grade Control Technology

Highly Flexible 3D Grade Control System Allows Contractors to Equip Their Entire Fleet

SUNNYVALE, Calif., Sept. 7, 2005 -- Trimble (NASDAQ:TRMB) today introduced a new version of its next-generation 3D Grade Control System. The enhanced Trimble® GCS900 Grade Control System is flexible and can be used on dozers, motor graders, excavators and scrapers. The GCS900 allows contractors to use a common platform across their entire fleet for all phases of earthmoving and significantly improve their productivity--from mass excavation to finished grading.

The Trimble GCS900 Grade Control System is a cutting-edge 3D earthmoving grade control system that puts design surfaces, grades and alignments inside the cab. The expanded GCS900 Grade Control System provides the contractor with the option to select from GPS, GPS and laser, or advanced total station technology to accurately position the blade or bucket in real time. This significantly reduces material overages and dramatically improves the contractor's productivity and profitability.

The Trimble GCS900 Grade Control System allows contractors to use a common platform across their entire fleet, while at the same time select the best option for the machine and the application or task. Designed for earthmoving contractors using a range of machines, the highly flexible GCS900 system can be installed on excavators for mass excavation, dozers or scrapers for bulk earthworks, or motor graders for finished grading. And with its CAN-based design, the GCS900 can be moved easily from machine to machine, as needed.

The Trimble GCS900 Grade Control System can be installed in a variety of configurations for different machine types:

- For dozers it can be configured as:
    - A dual antenna GPS system
    - A dual antenna GPS system with laser augmentation
- For motor graders it can be configured as:
    - A robotic total station based system
    - A dual antenna GPS system
    - A single or dual antenna GPS system with laser augmentation
- For excavators it can be configured as a dual antenna GPS system
- For scrapers it can be configured as a single or dual antenna GPS system

Using the Trimble GCS900 Grade Control System, contractors can reduce rework, improve material yields and lower their operating costs--improving their productivity and profitability. The Trimble GCS900 Grade Control System can be purchased as a standalone system or as an upgrade from a Trimble conventional Grade Control System.

The Trimble GCS900 Grade Control System Version 6.0 is available now from Trimble's Construction Division dealer network.

About Trimble's Construction Business

The Construction Business of Trimble is focused on the development of technology and solutions for the earthmoving, general and interior construction contractor. Trimble's construction solutions help to get the job done faster, with less machine time and personnel. For each phase of the construction cycle--designing, grading, site checking, building and asset management--Trimble has a broad portfolio of integrated construction positioning systems designed to improve productivity.

About Trimble

Trimble is a leading innovator of Global Positioning System (GPS) technology. In addition to providing advanced GPS components, Trimble augments GPS with other positioning technologies as well as wireless communications and software to create complete customer solutions. Trimble's worldwide presence and unique capabilities position the Company for growth in emerging applications including surveying, automobile navigation, machine guidance, asset tracking, wireless platforms, and telecommunications infrastructure. Founded in 1978 and headquartered in Sunnyvale, California, Trimble has more than 2,000 employees in more than 20 countries worldwide.

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