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Trimble Introduces New High-Performance Grade Laser Tools for Construction

HANNOVER, Germany, Oct. 9, 2012 /PRNewswire/ -- Trimble (NASDAQ:TRMB) introduced today new additions to its industry-leading line of construction lasers—the Spectra Precision® GL612 and GL622 Grade Lasers. The GL612 is a single grade laser and the GL622 is a dual grade laser. Both are rugged, automatic self-leveling lasers featuring grade capability of +/- 25 percent and can be used in a wide variety of grading, excavating and alignment applications by general and specialty contractors.

The announcement was made today at INTERGEO 2012, the world's largest conference on geodesy, geoinformatics and land management.

The GL612 and GL622 include the RC602 full-function radio remote control. The remote has an intuitive graphic display which is back-lit for ease of viewing. Contractors can do everything with the remote control that they can do at the laser keypad, up to 100 meters (330 feet) away—even from the cab of a machine. The ability to make grade changes remotely can significantly reduce setup time and speed operations.

Each laser package also includes the advanced HL750 Laserometer that provides a digital readout of elevation and can be used at an operating diameter of up to 800 meters (2,600 feet). Wireless communication between the HL750 Laserometer and the transmitters provide automatic Grade Matching which allows measurement of unknown grade values between two points. For applications that require maximum stability and accuracy, PlaneLok is available in both the horizontal and vertical planes. PlaneLok automatically locks the beam on the receiver and keeps it on grade. This reduces typical environmental factors that may induce an error. In addition, the HL750 Laserometer can communicate with another HL750 for long-range wireless remote display and monitoring.

The GL612 and GL622 Grade Lasers self-level in the vertical position for an even wider range of applications, including anchor bolt alignment, concrete tilt-up and curtain wall plumbing.

Both units incorporate automatic temperature and grade compensation for high accuracy in any weather or geographical location. The lasers are built to withstand the rigors of the construction site and can survive a drop of up to 1 meter (3 feet) on concrete. With an IP67 rating, the grade lasers are protected against water and dust. The Spectra Precision GL612 and GL622 are available now through the Spectra Precision Dealer Network.

About Trimble's Construction Tools Business

Trimble's Construction Tools Division supplies precision tools and solutions to the construction and surveying markets to enhance productivity. Solutions incorporating laser and optical instruments target general contractors and specialty contractors serving large and small commercial job sites as well as residential builders and remodelers. A full line of accessories is designed to meet the needs of the surveying, engineering and construction markets.

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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