Trimble Mediaroom

New Trimble GEDO GX50 Laser Scanning System Introduced for Clearance Analysis and Asset Data Collection for Railway Applications

Innovative and Flexible Laser Scanning Solution Designed to Assist Railway Track Surveying Professionals

SUNNYVALE, Calif., July 12, 2021—Trimble (NASDAQ: TRMB) introduced today the Trimble® GEDO GX50, a flexible laser scanning system designed to operate with Trimble GEDO track measurement systems for clearance analysis and asset data collection, further enhancing the modular track survey and scanning solutions portfolio.

The Trimble GEDO GX50 features new Trimble-designed profiling lasers for high-accuracy data collection. It is available in a Single Head configuration with one laser scanner and a Dual Head configuration with two laser scanners, and the scan heads can be flexibly adjusted depending on project requirements. The modular design allows the second laser scanner to be added when higher point density is required or faster trolley movement is desired. The system works with the existing suite of Trimble GEDO railway track surveying and scanning field and office software.

The system also enables quick and precise capture of high-resolution three-dimensional data for clearance verification and as-built data collection. The data provides an excellent basis for modeling in a BIM-compliant design and construction workflow.

"The Trimble GEDO GX50, utilizing the universal Trimble GEDO CE 2.0 track measurement trolley and Trimble GEDO Scan Office 3D point cloud analysis software, is a highly flexible and optimized kinematic laser scanner, giving users the ideal tool for railway specific clearance and asset data collection applications," said Andreas Sinning, Track Survey & Scanning business area director for Trimble Geospatial. "Full 360 degree measurements and flexible alignment of the scan heads provide optimal visibility of objects at the track to accurately and precisely capture important details."

Availability

The Trimble GEDO GX50 is available now through Trimble's Track Survey and Scanning distribution network. For more information, visit: https://trimble-railway.com/en/produkt/gx50.

About Trimble Geospatial

Trimble Geospatial provides solutions that facilitate high-quality, productive workflows and information exchange, driving value for a global and diverse customer base of surveyors, engineering and GIS service companies, governments, utilities and transportation authorities. Trimble's innovative technologies include integrated sensors, field applications, real-time communications and office software for processing, modeling and data analytics. Using Trimble solutions, organizations can capture the most accurate spatial data and transform it into intelligence to deliver increased productivity and improved decision-making. Whether enabling more efficient use of natural resources or enhancing the performance and lifecycle of civil infrastructure, timely and reliable geospatial information is at the core of Trimble's solutions to transform the way work is done. For more information, visit: geospatial.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. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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